

CONOCE TODAS NUESTRAS SOLUCIONES

Escanea los QR y descarga los catálogos completos.

HERRAMIENTAS M12™, M18™ Y MXFUEL™



HERRAMIENTAS MANUALES, **ALMACENAMIENTO Y EPP**



ACCESORIOS















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Escanea los QR y descarga los catálogos completos.

INDUSTRIA Y MANTENIMIENTO



PACKOUT™

ALMACENAMIENTO



EQUIPO DE PROTECCIÓN PERSONAL



ACCESORIOS SHOCKWAVETM





















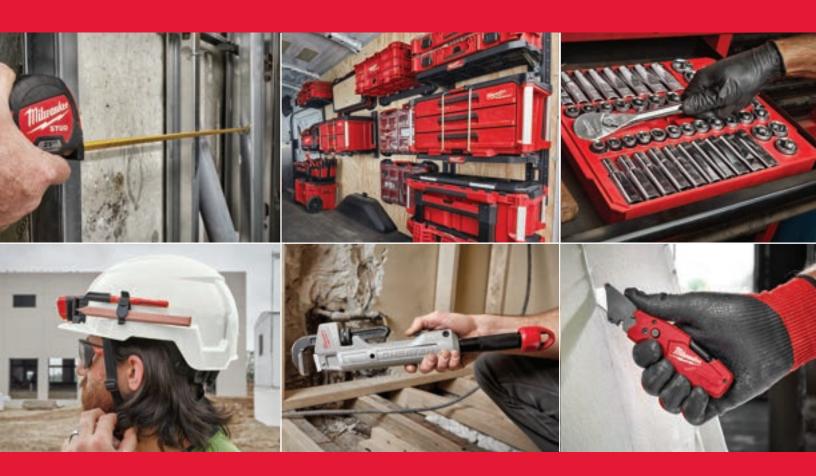








ULTIMATE PRODUCTIVITY. SUPERIOR PERFORMANCE.



HAND TOOLS | STORAGE | PPE



STUD[™]

TUD™ TAPE MEASURES

INDUSTRY'S MOST DURABLE TAPE MEASURE







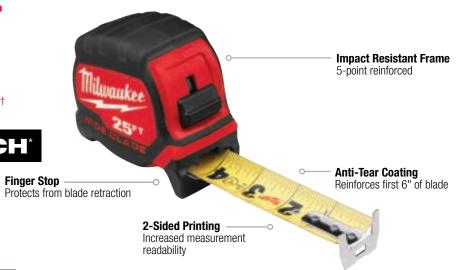
Rip & Wear Resistant Blade

Model #	Description
48-22-9716	16ft STUD™ Tape Measure w/ 16' Reach*
48-22-9725	25ft STUD™ Tape Measure w/ 17' Reach*
48-22-9735	35ft STUD™ Tape Measure w/ 17' Reach*

Model # Description	
48-22-9717	5m/16ft STUD™ Tape Measure w/ 16' Reach*
48-22-9726	8m/26ft STUD™ Tape Measure w/ 17' Reach*
48-22-9725M	25ft STUD™ Magnetic Tape Measure w/ 17' Reach*

WIDE BLADE TAPE MEASURES







Long Reach for Efficient Measuring

Model #	Description
48-22-0216	16ft Wide Blade Tape Measure w/ 16' Reach*
48-22-0225	25ft Wide Blade Tape Measure w/ 17' Reach*
48-22-0230	30ft Wide Blade Tape Measure w/ 17' Reach*
48-22-0235	35ft Wide Blade Tape Measure w/ 17' Reach*
48-22-0240	40ft Wide Blade Tape Measure w/ 17' Reach*

Description
5m/16ft Wide Blade Tape Measure w/ 16' Reach*
8m/26ft Wide Blade Tape Measure w/ 17' Reach*
16ft Wide Blade Magnetic Tape Measure w/ 16' Reach*
25ft Wide Blade Magnetic Tape Measure w/ 17' Reach*

COMPACT WIDE BLADE TAPE MEASURES





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Model #	Description		
48-22-0416	16ft Compact Wide Blade Tape Measure w/ 15' Reach*		
48-22-0425	25ft Compact Wide Blade Tape Measure w/ 15' Reach*		
48-22-0430	30ft Compact Wide Blade Tape Measure w/ 15' Reach*		
48-22-0417	5m/16ft Compact Wide Blade Tape Measure w/ 15' Reach*		
48-22-0426 8m/26ft Compact Wide Blade Tape Measure w/ 15' Rea			
48-22-0316	16ft Compact Wide Blade Magnetic Tape Measure w/ 15' Reach*		

Model #	Description
48-22-0325	25ft Compact Wide Blade Magnetic Tape Measure w/ 15' Reach*
48-22-0335	35ft Compact Wide Blade Magnetic Tape Measure w/ 15' Reach*
48-22-0317	5m/16ft Compact Wide Blade Magnetic Tape Measure w/ 15' Reach*
48-22-0326	8m/26ft Compact Wide Blade Magnetic Tape Measure w/ 15' Reach*

COMPACT TAPE MEASURES

12' REACH

Impact Resistant Frame — 5-point reinforced





Also Available:



Nylon Blade Coating

Model #	Description	
48-22-6612	12ft Compact Tape Measure w/ 12' Reach*	
48-22-6616	16ft Compact Tape Measure w/ 12' Reach*	
48-22-6625	25ft Compact Tape Measure w/ 12' Reach*	
48-22-6630	30ft Compact Tape Measure w/ 12' Reach*	
48-22-6613	3m/12ft Compact Tape Measure w/ 12' Reach*	
48-22-6617	5m/16ft Compact Tape Measure w/ 12' Reach*	
48-22-6626	8m/26ft Compact Tape Measure w/ 12' Reach*	

Model #	Description
48-22-6816	16ft Compact Auto-Lock Tape Measure w/ 12' Reach*
48-22-6825	25ft Compact Auto-Lock Tape Measure w/ 12' Reach*
48-22-6817	5m/16ft Compact Auto-Lock Tape Measure w/ 12' Reach*
48-22-6826	8m/26ft Compact Auto-Lock Tape Measure w/ 12' Reach*
48-22-5506	2m/6ft Keychain Tape Measure
48-22-6601	10ft/3m Keychain Tape Measure w/ LED

REDSTICK LEVELS

25%

Stronger

Endcaps

Frame

Set and save any

reading within 360°

OPEN REEL STEEL LONG TAPES 50% LESS STRETCH



Model #	Description
48-22-5201	100ft Open Reel Steel Long Tape
48-22-5203	30m/100ft Open Reel Steel Long Tape
48-22-5230	300ft Open Reel Steel Long Tape

FIBERGLASS LONG TAPES SMOOTHEST RETRACTION



Model #	Description
48-22-5301	100ft Fiberglass Open Reel Long Tape
48-22-5302	200ft Fiberglass Open Reel Long Tape
48-22-5303	300ft Fiberglass Open Reel Long Tape
48-22-5310	100m/330ft Fiberglass Open Reel Long Tape
48-22-5330	30m/100ft Fiberglass Open Reel Long Tape
48-22-5360	60m/200ft Fiberglass Open Reel Long Tape

GRIME GUARD™

Smoothest retraction

Blade Wiper

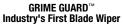
Nylon Coated

Blade

CLOSED REEL LONG TAPE

LONGEST LIFE





3:1 Torque Dispersing **Planetary Gears** Prevents gear stripping & stress Reinforced

Metal Frame

15,00

2-Sided **Printing**

Model #	Description
48-22-5101	100ft Closed Reel Long Tape

IP54 Rated Backlit **LCD Screen**

Memory to Access

One-Handed

Save up to 4

Measurements

Reset

Stored Measurements

MEASURING WHEELS







IP54 Rated Backlit LCD Screen

Model #	Description
48-22-5112	12" Digital Measuring Wheel
48-22-5012	12" Measuring Wheel

Model #	Description
48-22-5013	12" Engineer's Measuring Wheel
48-22-5006	6" Measuring Wheel

Handle Mounted

Telescoping Frame

Easy storage

12" Wheel

Display & Controls

Also Available:

6" Measuring Wheel 48-22-5006

REDSTICK

REDSTICK™ DIGITAL LEVELS

SUPERIOR ACCURACY. DYNAMIC READOUT.





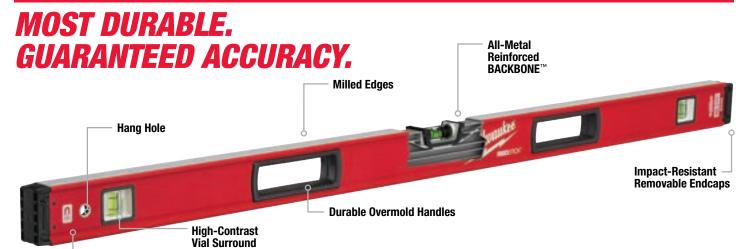
PINPOINT™ Measurement Technology

Model #	Description
MLDIG14	14" REDSTICK™ Digital Level w/ PINPOINT™ Measurement Technology
MLDIG24	24" REDSTICK™ Digital Level w/ PINPOINT™ Measurement Technology
MLDIG48	48" REDSTICK™ Digital Level w/ PINPOINT™ Measurement Technology
MLDIG72	72" REDSTICK™ Digital Level w/ PINPOINT™ Measurement Technology

Top Read

Display Screen

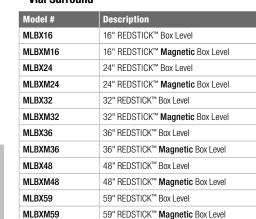
REDSTICK™ BOX LEVELS



Delivers enhanced

approaching the target

graphics when



72" REDSTICK™ Box Level

72" REDSTICK™ Magnetic Box Level

MLBX72

MLBXM72

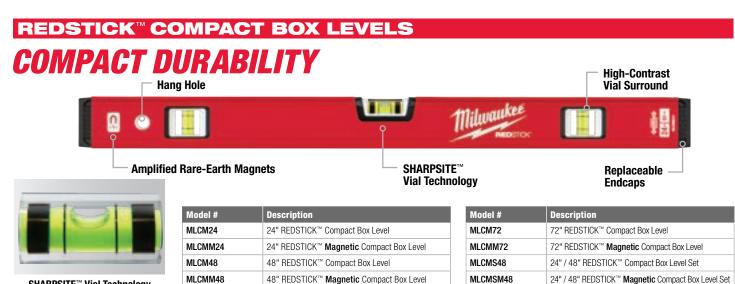
Model #	Description
MLBX78	78" REDSTICK™ Box Level
MLBXM78	78" REDSTICK™ Magnetic Box Level
MLBX96	96" REDSTICK™ Box Level
MLBXM96	96" REDSTICK™ Magnetic Box Level
MLBXS1648	16" / 48" REDSTICK™ Box Level Set
MLBXS48	24" / 48" REDSTICK™ Box Level Set
MLBXSM48	24" / 48" REDSTICK™ Magnetic Box Level Set
MLBXJB	78" / 32" REDSTICK™ Box Level Jamb Set
MLBXJBM	78" / 32" REDSTICK™ Magnetic Box Level Jamb Set
MLSB48	48" Level Bag
MLSB78	78" Level Bag
MLBXC48	4 Pc REDSTICK™ Starter Set
MLBXCM78	5 Pc REDSTICK™ Master Set

SHARPSITE™ Vial Technology

Rare-Earth

Magnets







MLCON48

MLCON72

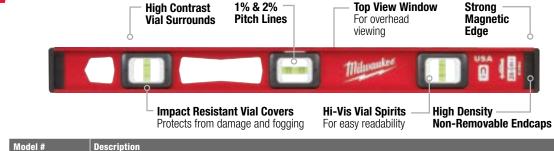


48" REDSTICK™ Concrete Level

72" REDSTICK™ Concrete Level



STRONGEST FRAME. SETS PITCH.



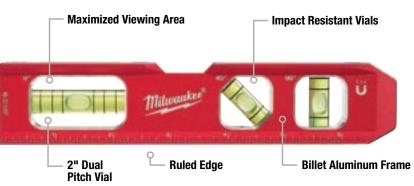


Strong Magentic Edge

Model #	Description
MLIBM24	24" Magnetic I-Beam Level
MLIBM48	48" Magnetic I-Beam Level
MI IBM78	78" Magnetic I-Beam Level

BILLET TORPEDO LEVELS

STRONGEST MAGNETS. EASIEST PITCH SET.





4 Amplified Rare-Earth Magnets

Model #	Description
48-22-5107	Billet Torpedo Level
48-22-5207	Metric Billet Torpedo Level

BLOCK TORPEDO LEVELS





Amplified Rare-Earth Magnets

Model #	Description	ľ
48-22-5210	Block Torpedo Level	4
48-22-5102	360° Pocket Level	4
		_

Model #	Description
48-22-5603	Pocket Level
48-22-5001	Pipe Lock Level

any angle

4-1/2" Trim Square

Impact-Resistant

Side-Shot Button

measurement in

all situations

Allows for one-handed

Also Available:

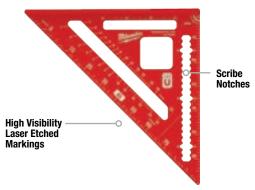
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48-22-9801

65ft Laser Distance Meter

RAFTER SQUARES

STRONGER FRAME. MOST VERSATILE.

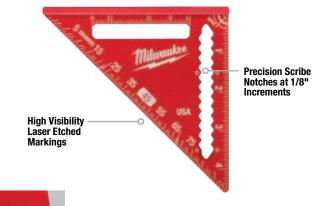




Model #	Description
MLSQM070	7" Magnetic Rafter Square
MLSQ170	180mm Rafter Square

TRIM SQUARE

MOST COMPACT. MOST VERSATILE.



Reinforced Frame

	Model #
rence	MLSQ040

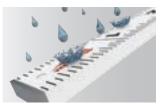
High Visibility Laser Etched Markings

Angle -Finding

Scribe -Notches

FOLDING RULES

MOST DURABLE MARKINGS & BLADES



Water & Scratch

Quick Reference Bend Angles	Milwaukee
22.5°, 30°, 45° & 60° Heat-Stamped Markings —— Won't wear	Corrosion-Free Embedded Joints Locks at 0°, 90° & 180°

Model #	Description
48-22-3801	6-1/2ft Composite Folding Rule
48-22-3802	6-1/2ft Engineer's Composite Folding Rule

CHALK REELS

LONGEST GEAR LIFE. BEST PERFORMANCE.



6X Faster Retraction

Aluminum Body Fine line model only

0.9mm High-Strength

Braided Line

Fine Line

StripGuard™ Clutch & Planetary Gears

Model #	Description
48-22-3980	100ft Bold Line Chalk Reel
48-22-3982	100ft Bold Line Chalk Reel & Blue Chalk Refill
48-22-3986	100ft Bold Line Chalk Reel & Red Chalk Refill
48-22-3989	Bold Replacement Line

Bold Line

Model # 48-22-3990 100ft Fine Line Chalk Reel 48-22-3992 100ft Fine Line Chalk Reel & Blue Chalk Refill 48-22-3993 100ft Chalk Reel Kit w/ Blue Chalk Refill 48-22-3999 Fine Replacement Line

EXTRA BOLD LARGE CAPACITY CHALK REELS

LONGEST GEAR LIFE. **BEST PERFORMANCE.**

24oz Chalk Capacity 4:1 Retraction Speed Refillable Base

Easy Grip Metal Handle

Quick Turn Opening



Planetary Gears Prevent Stripping

Model #	Description
48-22-3910	100ft Extra Bold Large Capacity Chalk Reel
48-22-3900	100ft Extra Bold Replacement Line

Model #	Description
48-22-3915	150ft Extra Bold Large Capacity Chalk Reel
48-22-3905	150ft Extra Bold Replacement Line

EASIEST MEASUREMENTS

FRAMING SQUARES

MOST VERSATILE.

STRONGER THAN STEEL.

MLSQ024

MLSQ124

LASER DISTANCE METERS



Simplified User Interface

Model #	Description
48-22-9801	65ft Laser Distance Meter
48-22-9802	150ft Laser Distance Meter

2-Position Auto-Detecting Lever

16" x 24" Framing Square

400mm x 600mm Framing Square

2" Backlit Color Screen

Continuous Real-Time

48-22-9803 330ft Laser Distance Meter

8

INKZALL JOBSITE MARKERS



Model #	Description
48-22-3150	12 Pc INKZALL™ Ultra Fine Point Black Jobsite Markers
48-22-3154	4 Pc INKZALL™ Ultra Fine Point Black Jobsite Markers
48-22-3104	4 Pc INKZALL™ Fine Point Black Jobsite Markers
48-22-3105	2 Pc INKZALL™ Fine Point Black Jobsite Markers
48-22-3107	8 Pc INKZALL™ Fine Point Color Jobsite Markers
48-22-3106	4 Pc INKZALL™ Fine Point Color Jobsite Markers
48-22-3101	INKZALL™ Stylus and Fine Point Black Jobsite Markers
48-22-3102	2 Pc INKZALL™ Medium Point Black Jobsite Markers
48-22-3103	INKZALL™ Chisel Tip Black Jobsite Markers
48-22-3109	4 Pc INKZALL™ Chisel Tip Color Jobsite Markers
48-22-3100	INKZALL™ Fine Point Black Jobsite Markers (Bulk 36 Pc)
48-22-3130	INKZALL™ Chisel Tip Black Jobsite Markers (Bulk 36 Pc)

Model #	Description
48-22-3170	INKZALL™ Fine Point Red Jobsite Markers (Bulk 36 Pc)
48-22-3180	INKZALL™ Fine Point Blue Jobsite Markers (Bulk 36 Pc)
48-22-3190	INKZALL™ Fine Point Green Jobsite Markers (Bulk 36 Pc)
48-22-3209	12 Pc INKZALL™ Fine Point Black Jobsite Markers
48-22-3250	3 Pc INKZALL™ Large Chisel Tip Black Jobsite Markers
48-22-3255	INKZALL™ Large Chisel Tip Black Jobsite Markers (Bulk 12 Pc)
48-22-3256	INKZALL™ Large Chisel Tip Red Jobsite Markers (Bulk 12 Pc)
48-22-3257	INKZALL™ Large Chisel Tip Blue Jobsite Markers (Bulk 12 Pc)
48-22-3260	INKZALL™ Extra Large Chisel Tip Black Jobsite Markers
48-22-3265	INKZALL™ Extra Large Chisel Tip Black Jobsite Markers (Bulk 12 Pc)
48-22-3266	INKZALL™ Extra Large Chisel Tip Red Jobsite Markers (Bulk 12 Pc)
48-22-3267	INKZALL™ Extra Large Chisel Tip Blue Jobsite Markers (Bulk 12 Pc)

EXTRA LARGE CHISEL TIP

INKZALL™ METALLIC MARKERS





Visible on Dark Surfaces

	Milionikee 412501	
Fine Point	Anti-Roll Body ———	

Model #	Description
48-22-3121	2 Pc INKZALL™ Fine Point Silver Metallic Markers
48-22-3122	2 Pc INKZALL™ Fine Point Gold Metallic Markers
48-22-3123	2 Pc INKZALL™ Fine Point Silver/Gold Metallic Markers

INKZALL™ LIQUID PAINT MARKERS

BLEED & SMEAR RESISTANT





Marks on Surfaces up to 300°F

Model #	Description
48-22-3712	INKZALL™ Medium Point White Liquid Paint Marker
48-22-3722	INKZALL™ Medium Point Yellow Liquid Paint Marker
48-22-3711	INKZALL™ Medium Point White Liquid Paint Markers (Bulk 12 Pc)
48-22-3721	INKZALL™ Medium Point Yellow Liquid Paint Markesr (Bulk 12 Pc)
48-22-3731	INKZALL™ Medium Point Black Liquid Paint Markers (Bulk 12 Pc)

Model #	Description
48-22-3741	INKZALL™ Medium Point Red Liquid Paint Markers (Bulk 12 Pc)
48-22-3751	INKZALL™ Medium Point Green Liquid Paint Markers (Bulk 12 Pc)
48-22-3761	INKZALL™ Medium Point Blue Liquid Paint Markers (Bulk 12 Pc)
48-22-3771	INKZALL™ Medium Point Orange Liquid Paint Markers (Bulk 12 Pc)

Available Colors

INKZALL™ JOBSITE PENS

SHARP, **PRECISE LINES**





Model #	Description
48-22-3160	12 Pc INKZALL™ Ultra Fine Point Black Jobsite Pens
48-22-3161	12 Pc INKZALL™ Ultra Fine Point Red Jobsite Pens
48-22-3162	12 Pc INKZALL™ Ultra Fine Point Blue Jobsite Pens
48-22-3164	4 Pc INKZALL™ Ultra Fine Point Black Jobsite Pens
48-22-3165	4 Pc INKZALL™ Ultra Fine Point Color Jobsite Pens

INKZALL™ JOBSITE HIGHLIGHTERS



Lanyard Hole	— Hard Hat Clip	Available Co
	Millionikee 000 and 1	
Chisel Tip	Anti-Roll Body —	
Decembration		

Model #	Description
48-22-3201	5 Pc INKZALL™ Chisel Tip Yellow Jobsite Highlighters
48-22-3206	5 Pc INKZALL™ Chisel Tip Colored Jobsite Highlighters



FASTENING PLIERS

FASTENING & CUTTING PLIERS

COMFORT GRIP STRAIGHT JAW PLIERS









Model #	Description	Jaw Capacity	Reaming Capacity
48-22-6306	6" Comfort Grip Straight Jaw Pliers	1"	3/4"
48-22-6310	10" Comfort Grip Straight Jaw Pliers	2"	2"
48-22-6312	12" Comfort Grip Straight Jaw Pliers	2-1/4"	2-3/4"
48-22-6316	16" Comfort Grip Straight Jaw Pliers	4-1/4"	3"
48-22-6320	20" Comfort Grip Straight Jaw Pliers	5-1/2"	3-1/2"
48-22-6330	2 Pc 6" & 10" Comfort Grip Straight Jaw Pliers Set	1" & 2"	3/4" & 2"
48-22-6331	3 Pc Comfort Grip Pliers Set	2"	2"

STRAIGHT JAW PLIERS

MAXIMUM GRIP. FORGED STRENGTH.





Model #	Description	Jaw Capacity	Reaming Capacity
48-22-6510	10" Straight Jaw Pliers	2"	2"
48-22-6512	12" Straight Jaw Pliers	2-1/4"	2-3/4"

SMOOTH JAW PLIERS

SMOOTH JAW PROTECTS SURFACES



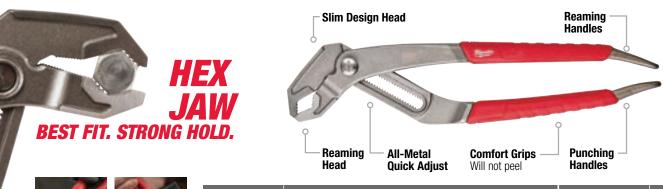
Non-Marring Smooth Jaw for Finish Applications

12

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		Dipped Grips
Reaming — Head		

Model #	Description	Jaw Capacity	Reaming Capacity
48-22-6550	10" Smooth Jaw Pliers	2"	2"
48-22-6552	12" Smooth Jaw Pliers	2-1/4"	2-3/4"

COMFORT GRIP V-JAW PLIERS



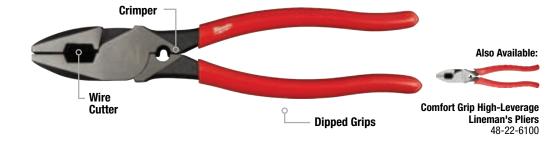




Reaming Capacity 48-22-6208 8" Comfort Grip V-Jaw Pliers 1-1/2" 1-1/2" 48-22-6210 2" 10" Comfort Grip V-Jaw Pliers 48-22-6212 2-3/4" 2-3/4" 12" Comfort Grip V-Jaw Pliers

LINEMAN'S PLIERS

MAXIMUM LEVERAGE. **EASIER CUTS.***





Easily Cuts #2 ACSR

Model #	Description
48-22-6100	Comfort Grip High-Leverage Lineman's Pliers w/ Crimper
48-22-6500	High-Leverage Lineman's Pliers w/ Crimper
48-22-6502	High-Leverage Lineman's Pliers
48-22-6503	High-Leverage Lineman's Pliers w/ Thread Cleaner

ANGLED HEAD PLIERS

BETTER ACCESS

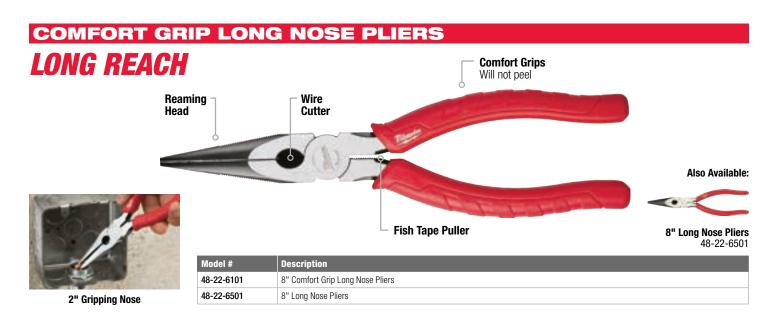


		Also Available:
	Comfort G Will not pee	8" Angled Head Diagonal rips Cutting Pliers 48-22-6528
Model #	Description	
40.00.0400	8" Comfort Grip Angled Head Diagonal Cutting Pliers	
48-22-6128	6 Connort drip Angled Head Diagonal Cutting Files	

* When compared to other ACSR cutting lineman pliers milwaukeetool.com 13

CUTTING PLIERS





Fish Tape Puller



Wire Cutter

Model #	Description
48-22-6106	6" Comfort Grip Diagonal Cutting Pliers
48-22-6107	7" Comfort Grip Diagonal Cutting Pliers
48-22-6108	8" Comfort Grip Diagonal Cutting Pliers
48-22-6508	8" Diagonal Cutting Pliers

MULTI-FUNCTION PLIERS

FAST, ONE-HANDED **OPERATION**







Model #	Description	Wire Stripper
48-22-6109	Wire Stripper	10-18 AWG Solid, 12-20 AWG Stranded
48-22-6579	Multi-Purpose Wire Stripper w/ Crimper	10-20 AWG Solid, 12-22 AWG Stranded

7IN1 HIGH LEVERAGE PLIERS

7_{IN}1 **EASIER CUTS**





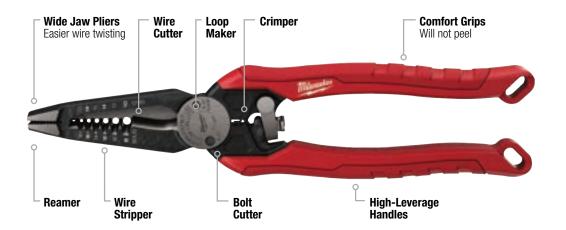












Model #	Description	Wire Stripper
48-22-3078	7 _{IN} 1 High-Leverage Pliers	8-18 AWG Solid, 10-20 AWG Stranded

COMFORT GRIP 6IN1 COMBINATION PLIERS

6IN**1**











Model #	Description	Wire Stripper
48-22-3079	6 _{IN} 1 Comfort Grip Combination Pliers	8-18 AWG Solid, 10-20 AWG Stranded

Also Available:

8" Diagonal Cutting Pliers 48-22-6508







CRIMPING PLIERS

ZX CRIMPING FORCE





48-22-6103 Crimping Pliers

PVC / OIL FILTER PLIERS

3-1/2" JAW CAPACITY





Ironworker's Pliers



For Twisting &

CLEAN CUTS

48-22-6102

CABLE CUTTING PLIERS

Cuts up to
2/0 Cu, 4/0 Al

Model #	Description
48-22-6104	Cable Cutting Pliers



	Model #	Description
3.5" Jaw Capacity	48-22-6321	PVC / Oil Filter Pliers

NIPPING PLIERS

CURVED HEAD. PROTECTS SURFACES.



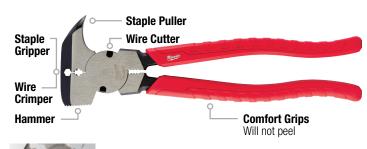


Blades Will Not Mar Surfaces

48-22-6407 7" Nipping Pliers

Will not peel

FENCING PLIERS FORGED STRENGTH





48-22-6410 Fencing Pliers

TORQUE LOCK TASTER SET-UP





LOCKING PLIERS W/ MAX BITE

MAX BITE

3X GRIPPING FORCE



Chrome plated rust protection 7" TORQUE LOCK™ MAX BITE™ Curved Jaw Locking Pliers 10" TORQUE LOCK™ MAX BITE™ Curved Jaw Locking Pliers 2 Pc 7" & 10" TORQUE LOCK™ MAX BITE™ Curved Jaw Locking Pliers

Nodel # 48-22-3710 10" TORQUE LOCK™ MAX BITE™ Curved Jaw Locking Pliers w/ Grip 48-22-3707 7" TORQUE LOCK™ MAX BITE™ Curved Jaw Locking Pliers w/ Grip

GRIPPED

LOCKING PLIERS

48-22-3607

48-22-3610

48-22-3702







CURVED JAW Maximizes pressure points for any bolt, nut or locking tool application

Model #	Description
18-22-3405	5" TORQUE LOCK™ Curved Jaw Locking Pliers w/ Grip
18-22-3407	7" TORQUE LOCK™ Curved Jaw Locking Pliers w/ Grip
18-22-3410	10" TORQUE LOCK™ Curved Jaw Locking Pliers w/ Grip
18-22-3406	6" TORQUE LOCK™ Long Nose Locking Pliers w/ Grip
18-22-3409	9" TORQUE LOCK™ Long Nose Locking Pliers w/ Grip
18-22-3807	7" TORQUE LOCK™ Straight Jaw Locking Pliers w/ Grip
18-22-3810	10" TORQUE LOCK™ Straight Jaw Locking Pliers w/ Grip
18-22-3402	2 Pc 7" & 10" TORQUE LOCK™ Curved Jaw Locking Pliers w/ Grip Set
18-22-3602	2 Pc. 10" Curved Jaw & 6" Long Nose TORQUE LOCK™ Locking Pliers Set
18-22-3423	4" TOROUE LOCK™ Curved law Locking Pliers

Model #	Description
48-22-3422	5" TORQUE LOCK™ Curved Jaw Locking Pliers
48-22-3421	7" TORQUE LOCK™ Curved Jaw Locking Pliers
48-22-3420	10" TORQUE LOCK™ Curved Jaw Locking Pliers
48-22-3504	4" TORQUE LOCK™ Long Nose Locking Pliers
48-22-3506	6" TORQUE LOCK™ Long Nose Locking Pliers
48-22-3507	7" TORQUE LOCK™ Straight Jaw Locking Pliers
48-22-3509	9" TORQUE LOCK™ Long Nose Locking Pliers
48-22-3510	10" TORQUE LOCK™ Straight Jaw Locking Pliers
48-22-3541	12" TORQUE LOCK™ Large Jaw Locking Pliers

Best for long reach applications

C-CLAMPS & SPECIALTY

STANDARD JAW C-CLAMP Greater clamping versatility on a variety of shapes and surfaces



11.
escription
" TORQUE LOCK™ Swivel Jaw Locking C-Clamp
TORQUE LOCK™ Swivel Jaw Locking C-Clamp
" TORQUE LOCK™ Locking C-Clamp

Model #	Description
48-22-3521 11" TORQUE LOCK™ Swivel Jaw Locking C-Clamp	
48-22-3522 6" TORQUE LOCK™ Swivel Jaw Locking C-Clamp	
48-22-3531 11" TORQUE LOCK™ Locking C-Clamp	
48-22-3532	6" TORQUE LOCK™ Locking C-Clamp
48-22-3520	18" TORQUE LOCK™ Swivel Jaw Locking C-Clamp
48-22-3529	18" TORQUE LOCK™ Deep Reach Locking C-Clamp
48-22-3530	18" TORQUE LOCK™ Locking C-Clamp

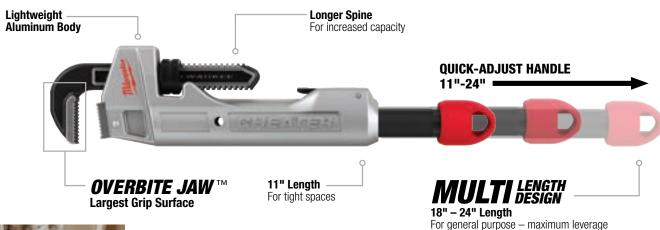
SWIVEL JAW C-CLAMP Pads provide surface stabilization and protect work surface from damage

Model #	Description
48-22-3540	8" TORQUE LOCK™ Locking Seamer
48-22-3542 9" TORQUE LOCK™ Locking Chain Wrench	
48-22-3543	9" TORQUE LOCK™ Locking Welding Clamp
48-22-3523	9" TORQUE LOCK™ Deep Reach Swivel Jaw Locking C-Clamp
48-22-3533	9" TORQUE LOCK™ Deep Reach Locking C-Clamp
48-22-3631	11" TORQUE LOCK™ Locking C-Clamp
48-22-3632	6" TORQUE LOCK™ Locking C-Clamp



CHEATER

CHEATER ALUMINUM ADAPTABLE PIPE WRENCH MOST ADAPTABLE. ALL-IN-ONE.





Ergonomic Handle Maximum Comfort

Model #	Description	Material	Max Jaw Capacity
48-22-7318	CHEATER Aluminum Adaptable Pipe Wrench	Aluminum	2-1/2"

CHEATER STEEL ADAPTABLE PIPE WRENCH







Hardened Jaws Increased Durability and Grip

Model #	Description	Material	Max Jaw Capacity
48-22-7314	CHEATER Steel Adaptable Pipe Wrench	Steel	2-1/2"

STEEL & ALUMINUM PIPE WRENCHES

LARGEST





Dual Increa	Coil Spring Design ased durability and life
	Lanyard Hole –
* 1 to 1 1 to 1 to 1	
OVERBITE JAW ™ Largest Grip Surface	Ergonomic – Handle

Model #	Description	Length	Material	Max Jaw Capacity
48-22-7106	6" Steel Pipe Wrench	6"	Steel	3/4"
48-22-7108	8" Steel Pipe Wrench	8"	Steel	1"
48-22-7110	10" Steel Pipe Wrench	10"	Steel	1-1/2"
48-22-7112	12" Steel Pipe Wrench	12"	Steel	2"
48-22-7114	14" Steel Pipe Wrench	14"	Steel	2"
48-22-7118	18" Steel Pipe Wrench	18"	Steel	2-1/2"
48-22-7124	24" Steel Pipe Wrench	24"	Steel	3"
48-22-7136	36" Steel Pipe Wrench	36"	Steel	5"
48-22-7148	48" Steel Pipe Wrench	48"	Steel	6"

Model #	Description	Length	Material	Max Jaw Capacity
48-22-7160	60" Steel Pipe Wrench	60"	Steel	8"
48-22-7210	10" Aluminum Pipe Wrench	10"	Aluminum	1-1/2"
48-22-7212	12" Aluminum Pipe Wrench	12"	Aluminum	2"
48-22-7214	14" Aluminum Pipe Wrench	14"	Aluminum	2"
48-22-7218	18" Aluminum Pipe Wrench	18"	Aluminum	2-1/2"
48-22-7224	24" Aluminum Pipe Wrench	24"	Aluminum	3"
48-22-7236	36" Aluminum Pipe Wrench	36"	Aluminum	5"
48-22-7248	48" Aluminum Pipe Wrench	48"	Aluminum	6"

STEEL OFFSET HEX PIPE WRENCH



STEEL SMOOTH JAW PIPE WRENCH

SMOOTH JAW PROTECTS SURFACES



Protects Chrome Surfaces

Parallel ——— Grip		
	Militaranikee	Lanyard Hole
Smooth Jaws	Ergonom Handle	iic

Max Jaw Capacit 48-22-7186 12" Steel Smooth Jaw Pipe Wrench 2-5/8"

PIPE WRENCHES



ALUMINUM OFFSET HEX PIPE WRENCHES BETTER ACCESS





Model #	Description	Material	Max Jaw Capacity
48-22-7184	14" Aluminum Offset Pipe Wrench	Aluminum	2"
48-22-7185	18" Aluminum Offset Pipe Wrench	Aluminum	2"
48-22-7182	24" Aluminum Offset Pipe Wrench	Aluminum	3"

10L ALUMINUM PIPE WRENCH w/ POWERLENGTH™ HANDLE

BETTER ACCESS. MAXIMUM LEVERAGE.





Jaw Capacity 1-1/2"

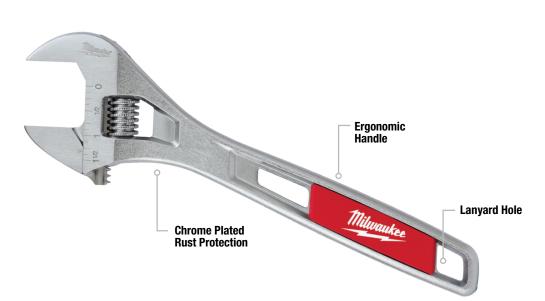
Model #	Description	Material	Max Jaw Capacity
48-22-7313	10L Aluminum Pipe Wrench w/ POWERLENGTH™ Handle	Aluminum	1-1/2"

ADJUSTABLE WRENCHES

JAWS WON'T **BACK OFF**

Proprietary Screw







Perfectly Parallel Jaws

Model #	Description
48-22-7400	2 Pc 6" & 10" Adjustable Wrench Set
48-22-7406	6" Adjustable Wrench
48-22-7408	8" Adjustable Wrench
48-22-7410	10" Adjustable Wrench
48-22-7412	12" Adjustable Wrench
48-22-7415	15" Adjustable Wrench
48-22-7508	8" Wide Jaw Adjustable Wrench

BASIN WRENCHES

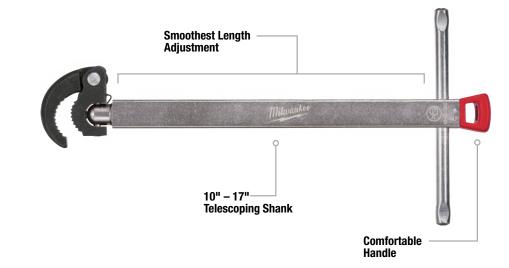
EASIEST SWAP-OUTS



Ratchet-Ready Less jaw readjusting



Screwdriver-Ready Up to 2X breakaway torque



Model #	Description
48-22-7001	1-1/4" Basin Wrench
48-22-7002	2-1/2" Basin Wrench

RATCHET & SOCKETS

RATCHETING COMBINATION WRENCHES

CONTRACTOR RATCHET & SOCKET SETS

VERSATILE DESIGN. BETTER ACCESS.

METRIC



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Pivoting Head

Model #	Description	Size Spec.
48-22-9000	12 Pc 3/8" SAE Contractor Ratchet & Socket Set w/ FOUR FLAT™ Sides	SAE
48-22-9001	12 Pc 3/8" Metric Contractor Ratchet & Socket Set w/ FOUR FLAT™ Sides	METRIC

Anti-Roll

Slim Design Access tight spaces

MECHANICS RATCHET & SOCKET SETS

MOST VERSATILE SOCKETS. ANTI-ROLL, WRENCH-READY.

Stamped Sizes Better visibility



Ratchet & Socket Sets w/ **PACKOUT™** Storage 48-22-9486











Wrench-Ready

Model #	Description	Sizes	Size Spec.
48-22-9404	26 Pc 1/4" Drive SAE Ratchet & Socket Set w/ FOUR FLAT™ Sides	1/4"	SAE
48-22-9408	28 Pc 3/8" Drive SAE Ratchet & Socket Set w/ FOUR FLAT™ Sides	3/8"	SAE
48-22-9410	22 Pc 1/2" Drive SAE Ratchet & Socket Set w/ FOUR FLAT™ Sides	1/2"	SAE
48-22-9504	28 Pc 1/4" Drive Metric Ratchet & Socket Set w/ FOUR FLAT™ Sides	1/4"	METRIC
48-22-9508	32 Pc 3/8" Drive Metric Ratchet & Socket Set w/ FOUR FLAT™ Sides	3/8"	METRIC
48-22-9510	28 Pc 1/2" Drive Metric Ratchet & Socket Set w/ FOUR FLAT™ Sides	1/2"	METRIC

Model #	Description	Sizes	Size Spec.
48-22-9004	50 Pc 1/4" Drive Metric & SAE Ratchet & Socket Set w/ FOUR FLAT™ Sides	1/4"	METRIC & SAE
48-22-9008	56 Pc 3/8" Drive Metric & SAE Ratchet & Socket Set w/ FOUR FLAT™ Sides	3/8"	METRIC & SAE
48-22-9010	47 Pc 1/2" Drive Metric & SAE Ratchet & Socket Set w/ FOUR FLAT™ Sides	1/2"	METRIC & SAE
48-22-9481	28 Pc 3/8" SAE Ratchet and Socket Set w/ PACKOUT™ Low-Profile Compact Organizer	3/8"	SAE
48-22-9482	32 Pc 3/8" Drive Metric Ratchet and Socket Set w/ PACKOUT™ Low-Profile Compact Organizer	3/8"	METRIC
48-22-9486	106 Pc 1/4" & 3/8" Drive Metric & SAE Ratchet and Socket Set w/ PACKOUT™ Low-Profile Organizer	1/4" & 3/8"	METRIC & SAE

Wrench-Ready

RATCHETING COMBINATION WRENCHES

BETTER ACCESS. LONGEST LIFE.*







Stacked Pawls

Model #	Description	Included Sizes	Size Spec.
48-22-9406	7 Pc SAE Ratcheting Combination Wrench Set	3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4"	SAE
48-22-9506	7 Pc Metric Ratcheting Combination Wrench Set	8mm, 10mm, 12mm, 13mm, 14mm, 15mm, 17mm	METRIC
48-22-9416	15 Pc SAE Ratcheting Combination Wrench Set	1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1"	SAE
48-22-9516	15 Pc Metric Ratcheting Combination Wrench Set	8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm, 19mm, 20mm, 21mm, 22mm	METRIC

SAE RATCHETING COMBINATION WRENCHES

Model #	Description	
45-96-9208	1/4" SAE Ratcheting Combination Wrench	
45-96-9209	9/32" SAE Ratcheting Combination Wrench	
45-96-9210	5/16" SAE Ratcheting Combination Wrench	
45-96-9211	11/32" SAE Ratcheting Combination Wrench	
45-96-9212	3/8" SAE Ratcheting Combination Wrench	
45-96-9214	7/16" SAE Ratcheting Combination Wrench	
45-96-9216	1/2" SAE Ratcheting Combination Wrench	
45-96-9218	9/16" SAE Ratcheting Combination Wrench	
45-96-9220	5/8" SAE Ratcheting Combination Wrench	
45-96-9222	11/16" SAE Ratcheting Combination Wrench	
45-96-9224	3/4" SAE Ratcheting Combination Wrench	
45-96-9226	13/16" SAE Ratcheting Combination Wrench	
45-96-9228	7/8" SAE Ratcheting Combination Wrench	
45-96-9230	230 15/16" SAE Ratcheting Combination Wrench	
45-96-9232	1" SAE Ratcheting Combination Wrench	

METRIC RATCHETING COMBINATION WRENCHES

Model #	Description
45-96-9308	8mm Metric Ratcheting Combination Wrench
45-96-9309	9mm Metric Ratcheting Combination Wrench
45-96-9310	10mm Metric Ratcheting Combination Wrench
45-96-9311	11mm Metric Ratcheting Combination Wrench
45-96-9312	12mm Metric Ratcheting Combination Wrench
45-96-9313	13mm Metric Ratcheting Combination Wrench
45-96-9314	14mm Metric Ratcheting Combination Wrench
45-96-9315	15mm Metric Ratcheting Combination Wrench
45-96-9316	16mm Metric Ratcheting Combination Wrench
45-96-9317	17mm Metric Ratcheting Combination Wrench
45-96-9318	18mm Metric Ratcheting Combination Wrench
45-96-9319	19mm Metric Ratcheting Combination Wrench
45-96-9320	20mm Metric Ratcheting Combination Wrench
45-96-9321	21mm Metric Ratcheting Combination Wrench
45-96-9322	22mm Metric Ratcheting Combination Wrench

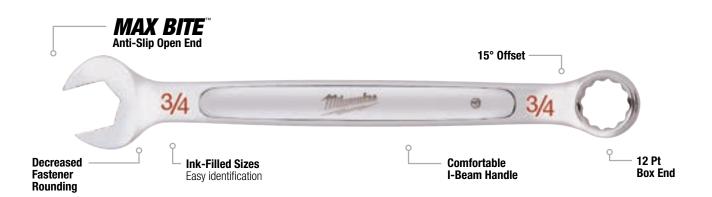


COMBINATION WRENCHES

COMBINATION WRENCHES

25% MORE TORQUE







Innovative Storage Solution

Model #	Description	Included Sizes	
48-22-9407	7 Pc SAE Combination Wrench Set	3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4"	SAE
48-22-9507	7 Pc Metric Combination Wrench Set	8mm, 10mm, 12mm, 13mm, 14mm, 15mm, 17mm	METRIC
48-22-9415	15 Pc SAE Combination Wrench Set	1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1"	SAE
48-22-9515	15 Pc Metric Combination Wrench Set	8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm, 19mm, 20mm, 21mm, 22mm	METRIC

SAE COMBINATION WRENCHES

Model # Description 45-96-9408 1/4" SAE Combination Wrench 45-96-9409 9/32" SAE Combination Wrench 45-96-9410 5/16" SAE Combination Wrench 45-96-9411 11/32" SAE Combination Wrench 45-96-9412 3/8" SAE Combination Wrench 45-96-9414 7/16" SAE Combination Wrench 45-96-9416 1/2" SAE Combination Wrench 45-96-9418 9/16" SAE Combination Wrench 45-96-9420 5/8" SAE Combination Wrench 45-96-9422 11/16" SAE Combination Wrench 45-96-9424 3/4" SAE Combination Wrench 45-96-9426 13/16" SAE Combination Wrench 45-96-9428 7/8" SAE Combination Wrench 45-96-9430 15/16" SAE Combination Wrench		9
45-96-9409 9/32" SAE Combination Wrench 45-96-9410 5/16" SAE Combination Wrench 45-96-9411 11/32" SAE Combination Wrench 45-96-9412 3/8" SAE Combination Wrench 45-96-9414 7/16" SAE Combination Wrench 45-96-9416 1/2" SAE Combination Wrench 45-96-9418 9/16" SAE Combination Wrench 45-96-9420 5/8" SAE Combination Wrench 45-96-9422 11/16" SAE Combination Wrench 45-96-9424 3/4" SAE Combination Wrench 45-96-9426 13/16" SAE Combination Wrench 45-96-9428 7/8" SAE Combination Wrench	Model #	Description
45-96-9410 5/16" SAE Combination Wrench 45-96-9411 11/32" SAE Combination Wrench 45-96-9412 3/8" SAE Combination Wrench 45-96-9414 7/16" SAE Combination Wrench 45-96-9416 1/2" SAE Combination Wrench 45-96-9418 9/16" SAE Combination Wrench 45-96-9420 5/8" SAE Combination Wrench 45-96-9422 11/16" SAE Combination Wrench 45-96-9424 3/4" SAE Combination Wrench 45-96-9426 13/16" SAE Combination Wrench 45-96-9428 7/8" SAE Combination Wrench	45-96-9408	1/4" SAE Combination Wrench
45-96-9411 11/32" SAE Combination Wrench 45-96-9412 3/8" SAE Combination Wrench 45-96-9414 7/16" SAE Combination Wrench 45-96-9416 1/2" SAE Combination Wrench 45-96-9418 9/16" SAE Combination Wrench 45-96-9420 5/8" SAE Combination Wrench 45-96-9422 11/16" SAE Combination Wrench 45-96-9424 3/4" SAE Combination Wrench 45-96-9424 13/16" SAE Combination Wrench 45-96-9428 7/8" SAE Combination Wrench	45-96-9409	9/32" SAE Combination Wrench
45-96-9412 3/8" SAE Combination Wrench 45-96-9414 7/16" SAE Combination Wrench 45-96-9416 1/2" SAE Combination Wrench 45-96-9418 9/16" SAE Combination Wrench 45-96-9420 5/8" SAE Combination Wrench 45-96-9422 11/16" SAE Combination Wrench 45-96-9424 3/4" SAE Combination Wrench 45-96-9426 13/16" SAE Combination Wrench 45-96-9428 7/8" SAE Combination Wrench	45-96-9410	5/16" SAE Combination Wrench
45-96-9414 7/16" SAE Combination Wrench 45-96-9416 1/2" SAE Combination Wrench 45-96-9418 9/16" SAE Combination Wrench 45-96-9420 5/8" SAE Combination Wrench 45-96-9422 11/16" SAE Combination Wrench 45-96-9424 3/4" SAE Combination Wrench 45-96-9426 13/16" SAE Combination Wrench 45-96-9428 7/8" SAE Combination Wrench	45-96-9411	11/32" SAE Combination Wrench
45-96-9416 1/2" SAE Combination Wrench 45-96-9418 9/16" SAE Combination Wrench 45-96-9420 5/8" SAE Combination Wrench 45-96-9422 11/16" SAE Combination Wrench 45-96-9424 3/4" SAE Combination Wrench 45-96-9426 13/16" SAE Combination Wrench 45-96-9428 7/8" SAE Combination Wrench	45-96-9412	3/8" SAE Combination Wrench
45-96-9418 9/16" SAE Combination Wrench 45-96-9420 5/8" SAE Combination Wrench 45-96-9422 11/16" SAE Combination Wrench 45-96-9424 3/4" SAE Combination Wrench 45-96-9426 13/16" SAE Combination Wrench 45-96-9428 7/8" SAE Combination Wrench	45-96-9414	7/16" SAE Combination Wrench
45-96-9420 5/8" SAE Combination Wrench 45-96-9422 11/16" SAE Combination Wrench 45-96-9424 3/4" SAE Combination Wrench 45-96-9426 13/16" SAE Combination Wrench 45-96-9428 7/8" SAE Combination Wrench	45-96-9416	1/2" SAE Combination Wrench
45-96-9422 11/16" SAE Combination Wrench 45-96-9424 3/4" SAE Combination Wrench 45-96-9426 13/16" SAE Combination Wrench 45-96-9428 7/8" SAE Combination Wrench	45-96-9418	9/16" SAE Combination Wrench
45-96-9424 3/4" SAE Combination Wrench 45-96-9426 13/16" SAE Combination Wrench 45-96-9428 7/8" SAE Combination Wrench	45-96-9420	5/8" SAE Combination Wrench
45-96-9426 13/16" SAE Combination Wrench 45-96-9428 7/8" SAE Combination Wrench	45-96-9422	11/16" SAE Combination Wrench
45-96-9428 7/8" SAE Combination Wrench	45-96-9424	3/4" SAE Combination Wrench
TO STE SOME MALE IN THE STEEL	45-96-9426	13/16" SAE Combination Wrench
45-96-9430 15/16" SAE Combination Wrench	45-96-9428	7/8" SAE Combination Wrench
	45-96-9430	15/16" SAE Combination Wrench
45-96-9432 1" SAE Combination Wrench	45-96-9432	1" SAE Combination Wrench

METRIC COMBINATION WRENCHES

Model #	Description
45-96-9508	8mm Metric Combination Wrench
45-96-9509	9mm Metric Combination Wrench
45-96-9510	10mm Metric Combination Wrench
45-96-9511	11mm Metric Combination Wrench
45-96-9512	12mm Metric Combination Wrvench
45-96-9513	13mm Metric Combination Wrench
45-96-9514	14mm Metric Combination Wrench
45-96-9515	15mm Metric Combination Wrench
45-96-9516	16mm Metric Combination Wrench
45-96-9517	17mm Metric Combination Wrench
45-96-9518	18mm Metric Combination Wrench
45-96-9519	19mm Metric Combination Wrench
45-96-9520	20mm Metric Combination Wrench
45-96-9521	21mm Metric Combination Wrench
45-96-9522	22mm Metric Combination Wrench

FLEX HEAD RATCHETING COMBINATION WRENCHES

BETTER ACCESS. LONGEST LIFE.*





Adjustable Set Screw

Model #	Description	
48-22-9413	15 Pc SAE Flex Head Ratcheting Combination Wrench Set	SAE
48-22-9513	15 Pc Metric Flex Head Ratcheting Combination Wrench Set	METRIC

Model #	Description	
48-22-9429	7 Pc SAE Flex Head Ratcheting Combination Wrench Set	SAE
48-22-9529	7 Pc Metric Flex Head Ratcheting Combination Wrench Set	METRIC

SAE FLEX HEAD RATCHETING COMBINATION WRENCHES

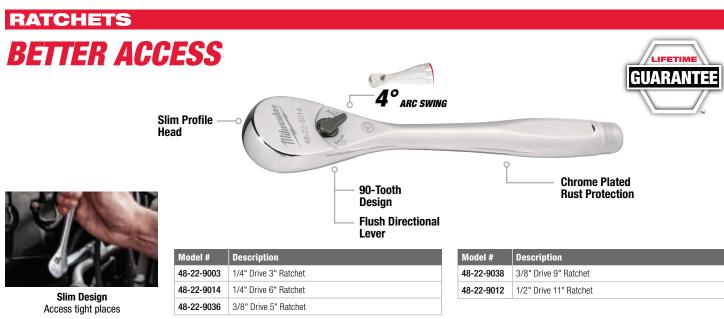
Model #	Description
45-96-9808	1/4" SAE Flex Head Ratcheting Combination Wrench
45-96-9809	9/32" SAE Flex Head Ratcheting Combination Wrench
45-96-9810	5/16" SAE Flex Head Ratcheting Combination Wrench
45-96-9811	11/32" SAE Flex Head Ratcheting Combinatio n Wrench
45-96-9812	3/8" SAE Flex Head Ratcheting Combination Wrench
45-96-9813	7/16" SAE Flex Head Ratcheting Combination Wrench
45-96-9814	1/2" SAE Flex Head Ratcheting Combination Wrench
45-96-9815	9/16" SAE Flex Head Ratcheting Combination Wrench
45-96-9816	5/8" SAE Flex Head Ratcheting Combination Wrench
45-96-9817	11/16" SAE Flex Head Ratcheting Combination Wrench
45-96-9818	3/4" Flex Head Ratcheting Combination Wrench
45-96-9819	13/16" SAE Flex Head Ratcheting Combination Wrench
45-96-9820	7/8" SAE Flex Head Ratcheting Combination Wrench
45-96-9821	15/16" SAE Flex Head Ratcheting Combination Wrench
45-96-9822	1" SAE Flex Head Ratcheting Combination Wrench

METRIC FLEX HEAD RATCHETING COMBINATION WRENCHES

Model #	Description
45-96-9608	8mm Metric Flex Head Ratcheting Combination Wrench
45-96-9609	9mm Metric Flex Head Ratcheting Combination Wrench
45-96-9610	10mm Metric Flex Head Ratcheting Combination Wrench
45-96-9611	11mm Metric Flex Head Ratcheting Combination Wrench
45-96-9612	12mm Metric Flex Head Ratcheting Combination Wrench
45-96-9613	13mm Metric Flex Head Ratcheting Combination Wrench
45-96-9614	14mm Metric Flex Head Ratcheting Combination Wrench
45-96-9615	15mm Metric Flex Head Ratcheting Combination Wrench
45-96-9616	16mm Metric Flex Head Ratcheting Combination Wrench
45-96-9617	17mm Metric Flex Head Ratcheting Combination Wrench
45-96-9618	18mm Metric Flex Head Ratcheting Combination Wrench
45-96-9619	19mm Metric Flex Head Ratcheting Combination Wrench
45-96-9620	20mm Metric Flex Head Ratcheting Combination Wrench
45-96-9621	21mm Metric Flex Head Ratcheting Combination Wrench
45-96-9622	22mm Metric Flex Head Ratcheting Combination Wrench







EXTENDED HANDLE RATCHETS BETTER ACCESS. GUARANTEE MORE LEVERAGE* **High Leverage** Handle 90-Tooth Design **Chrome Plated Rust Protection Flush Directional** Lever



48-22-9005 1/4" Drive 9" Ratchet

48-22-9003 1/4" Drive 3" Ratchet





High Leverage Extended Handle

Stubby Handle for Tight Spaces



48-22-9050 1/2" Drive 18" Ratchet

48-22-9036 3/8" Drive 5" Ratchet

SOCKETS w/ FOUR FLAT™ SIDES **MOST VERSATILE SOCKETS.** ANTI-ROLL, WRENCH-READY.



Anti-Roll Wrench-Ready

SAE SC		
lodel #	Description	

Model #	Description
45-34-9001	1/4" Drive 3/16" SAE Socket
45-34-9002	1/4" Drive 7/32" SAE Socket
45-34-9003	1/4" Drive 1/4" SAE Socket
45-34-9004	1/4" Drive 9/32" SAE Socket
45-34-9005	1/4" Drive 5/16" SAE Socket
45-34-9006	1/4" Drive 11/32" SAE Socket
45-34-9007	1/4" Drive 3/8" SAE Socket
45-34-9008	1/4" Drive 7/16" SAE Socket
45-34-9009	1/4" Drive 1/2" SAE Socket
45-34-9010	1/4" Drive 9/16" SAE Socket
45-34-9011	1/4" Drive 5/32" SAE Deep Socket
45-34-9012	1/4" Drive 3/16" SAE Deep Socket
45-34-9013	1/4" Drive 7/32" SAE Deep Socket
45-34-9014	1/4" Drive 1/4" SAE Deep Socket
45-34-9015	1/4" Drive 9/32" SAE Deep Socket
45-34-9016	1/4" Drive 5/16" SAE Deep Socket
45-34-9017	1/4" Drive 11/32" SAE Deep Socket
45-34-9018	1/4" Drive 3/8" SAE Deep Socket
45-34-9019	1/4" Drive 7/16" SAE Deep Socket
45-34-9020	1/4" Drive 1/2" SAE Deep Socket
45-34-9021	1/4" Drive 9/16" SAE Deep Socket
45-34-9060	3/8" Drive 1/4" SAE Socket
45-34-9061	3/8" Drive 5/16" SAE Socket
45-34-9062	3/8" Drive 3/8" SAE Socket
45-34-9063	3/8" Drive 7/16" SAE Socket
45-34-9064	3/8" Drive 1/2" SAE Socket
45-34-9065	3/8" Drive 9/16" SAE Socket
45-34-9066	3/8" Drive 5/8" SAE Socket
45-34-9067	3/8" Drive 11/16" SAE Socket
45-34-9068	3/8" Drive 3/4" SAE Socket
45-34-9069	3/8" Drive 13/16" SAE Socket
45-34-9070	3/8" Drive 7/8" SAE Socket
45-34-9071	3/8" Drive 15/16" SAE Socket
45-34-9072	3/8" Drive 1" SAE Socket
45-34-9073	3/8" Drive 1/4" SAE Deep Socket
45-34-3125	3/8" Drive 5/16" SAE Deep Socket
I a a a a a a a	T. Control of the Con

45-34-3750 3/8" Drive 3/8" SAE Deep Socket

SAE S	OCKETS
Model #	Description
45-34-4375	3/8" Drive 7/16" SAE Deep Socket
45-35-5000	3/8" Drive 1/2" SAE Deep Socket
45-34-5625	3/8" Drive 9/16" SAE Deep Socket
45-34-6250	3/8" Drive 5/8" SAE Deep Socket
45-34-6875	3/8" Drive 11/16" SAE Deep Socket
45-34-7500	3/8" Drive 3/4" SAE Deep Socket
45-34-9074	3/8" Drive 13/16" SAE Deep Socket
45-34-9075	3/8" Drive 7/8" SAE Deep Socket
45-34-9100	1/2" Drive 1/2" SAE Socket
45-34-9101	1/2" Drive 9/16" SAE Socket
45-34-9102	1/2" Drive 5/8" SAE Socket
45-34-9103	1/2" Drive 11/16 SAE Socket
45-34-9104	1/2" Drive 3/4" SAE Socket
45-34-9105	1/2" Drive 13/16" SAE Socket
45-34-9106	1/2" Drive 7/8" SAE Socket
45-34-9107	1/2" Drive 15/16" SAE Socket
45-34-9108	1/2" Drive 1" SAE Socket
45-34-9109	1/2" Drive 1-1/16" SAE Socket
45-34-9110	1/2" Drive 1-1/8" SAE Socket
45-34-9126	1/2" Drive 1/2" SAE Deep Socket
45-34-9127	1/2" Drive 9/16" SAE Deep Socket
45-34-9128	1/2" Drive 5/8" SAE Deep Socket
45-34-9129	1/2" Drive 11/16" SAE Deep Socket
45-34-9130	1/2" Drive 3/4" SAE Deep Socket
45-34-9131	1/2" Drive 13/16" SAE Deep Socket
45-34-9132	1/2" Drive 7/8" SAE Deep Socket
45-34-9133	1/2" Drive 15/16" SAE Deep Socket
METRI	C SOCKETS
45-34-9085	3/8" Drive 15mm Metric Socket
45-34-9086	3/8" Drive 16mm Metric Socket

METRIC	SOCKETS
45-34-9085	3/8" Drive 15mm Metric Socket
45-34-9086	3/8" Drive 16mm Metric Socket
45-34-9087	3/8" Drive 17mm Metric Socket
45-34-9088	3/8" Drive 18mm Metric Socket
45-34-9089	3/8" Drive 19mm Metric Socket
45-34-9090	3/8" Drive 6mm Metric Deep Socket
45-34-9091	3/8" Drive 7mm Metric Deep Socket
45-34-9092	3/8" Drive 8mm Metric Deep Socket

Stamped Sizes



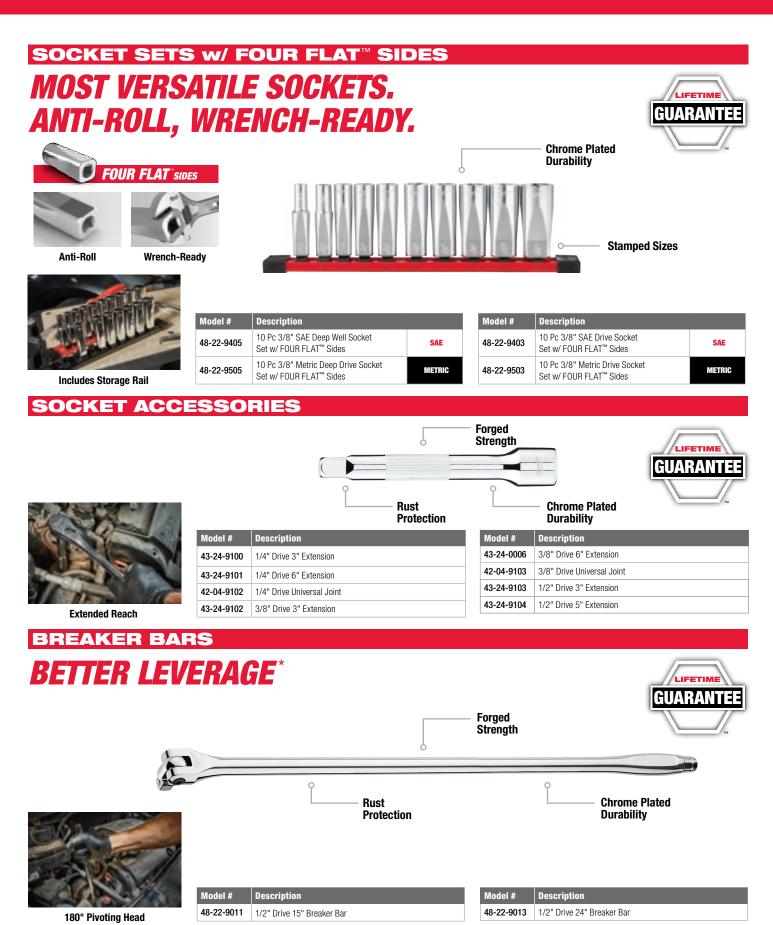
Chrome Plated Durability



	Model #	Description
	45-34-9093	3/8" Drive 9mm Metric Deep Socket
	45-34-0010	3/8" Drive 10mm Metric Deep Socket
	45-34-9094	3/8" Drive 11mm Metric Deep Socket
	45-34-0012	3/8" Drive 12mm Metric Deep Socket
	45-34-0013	3/8" Drive 13mm Metric Deep Socket
	45-34-0014	3/8" Drive 14mm Metric Deep Socket
	45-34-0015	3/8" Drive 15mm Metric Deep Socket
	45-34-9095	3/8" Drive 16mm Metric Deep Socket
	45-34-0117	3/8" Drive 17mm Metric Deep Socket
	45-34-0118	3/8" Drive 18mm Metric Deep Socket
	45-34-0119	3/8" Drive 19mm Metric Deep Socket
	45-34-9111	1/2" Drive 10mm Metric Socket
	45-34-9112	1/2" Drive 11mm Metric Socket
	45-34-9113	1/2" Drive 12mm Metric Socket
	45-34-9114	1/2" Drive 13mm Metric Socket
	45-34-9115	1/2" Drive 14mm Metric Socket
	45-34-9116	1/2" Drive 15mm Metric Socket
	45-34-9117	1/2" Drive 16mm Metric Socket
	45-34-9118	1/2" Drive 17mm Metric Socket
	45-34-9119	1/2" Drive 18mm Metric Socket
	45-34-9120	1/2" Drive 19mm Metric Socket
	45-34-9121	1/2" Drive 20mm Metric Socket
	45-34-9122	1/2" Drive 21mm Metric Socket
	45-34-9123	1/2" Drive 22mm Metric Socket
	45-34-9124	1/2" Drive 23mm Metric Socket
	45-34-9125	1/2" Drive 24mm Metric Socket
	45-34-9134	1/2" Drive 10mm Metric Deep Socket
	45-34-9135	1/2" Drive 11mm Metric Deep Socket
	45-34-9136	1/2" Drive 12mm Metric Deep Socket
_	45-34-9137	1/2" Drive 13mm Metric Deep Socket
	45-34-9138	1/2" Drive 14mm Metric Deep Socket
_	45-34-9139	1/2" Drive 15mm Metric Deep Socket
	45-34-9140	1/2" Drive 16mm Metric Deep Socket
_	45-34-9141	1/2" Drive 17mm Metric Deep Socket
	45-34-9142	1/2" Drive 18mm Metric Deep Socket
	45-34-9143	1/2" Drive 19mm Metric Deep Socket

*When compared to a standard ratchet handle









Comfortable Tri-Lobe Handle

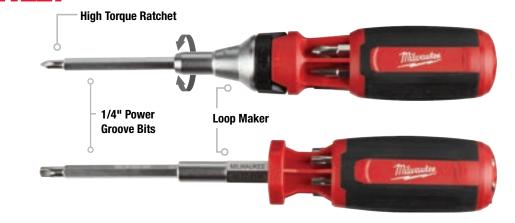
Model #	Description	Nut Drivers	Bit Types
48-22-2760	11ın1 Multi-Bit Driver w/ ECX™	1/4", 5/16", 3/8"	P#1, P#2, SL 3/16", SL 1/4", SQ#1, SQ#2, ECX™#1, ECX™#2
48-22-2761	11เท1 Multi-Bit Driver w/ TORX®	1/4", 5/16", 3/8"	P#1, P#2, SL 3/16", SL 1/4", SQ#1, SQ#2, T10, T15



MULTI-BIT DRIVERS

9in1 MULTI-BIT DRIVERS

BETTER ACCESS. MORE VERSATILE.







In-Handle Storage

Model #	Description	Nut Drivers	Bit Types
48-22-2131	9 _{IN} 1 Multi-Bit Driver w/ ECX [™]	1/4"	P#1, P#2, SL 3/16", SL 1/4", SQ#2, ECX™#1, ECX™#2v
48-22-2132	9เท1 Square Multi-Bit Driver	1/4"	P#1, P#2, SL 3/16", SL 1/4", SQ#1, SQ#2, SQ#3
48-22-2331	9 _{IN} 1 Ratchet Multi-Bit Driver w/ ECX™	1/4"	P#1, P#2, SL 3/16", SL 1/4", SQ#2, ECX™#1, ECX™#2
48-22-2322	9เท1 Ratchet Multi-Bit Driver w/ Square	1/4"	P#1, P#2, SL 3/16", SL 1/4", SQ#1, SQ#2, SQ#3
48-22-2133	9 _{IN} 1 TORX [®] Key Driver	1/4"	T8, T10, T15, T20, T25, T27, T30
48-22-2134	9 _{IN} 1 SAE Hex Key Driver	1/4"	7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4"
48-22-2136	9 _{IN} 1 Metric Hex Key Driver	1/4"	1.5mm, 2mm, 2.5mm, 3mm, 4mm, 5mm, 6mm
48-22-2110	4 Pc Replacement Bit Set		P#1, P#2, SL 3/16", SL 1/4", SQ #1, SQ#1, ECX™#1

8IN1 COMPACT MULTI-BIT DRIVERS

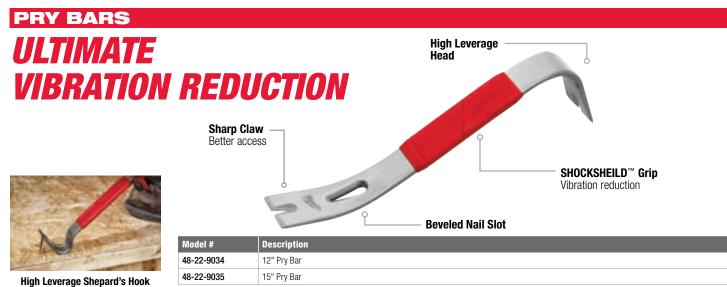
BETTER ACCESS. MORE VERSATILE.





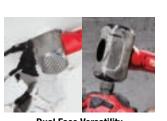
Model #	Description	Nut Drivers	Bit Types
48-22-2130	Compact 8IN1 Multi-Bit Driver	1/4"	P#1, P#2, SL 3/16", SL 1/4", SQ#1, SQ#2, T15
48-22-2330	Compact 8IN1 Ratchet Multi-Bit Driver	1/4"	P#1, P#2, SL 3/16", SL 1/4", SQ#1, SQ#2, T15





DRILLING HAMMER

DUAL FACE VERSATILITY



Dual Face Versatility Smooth and milled face



48-22-9010 3 lbs Fiberglass Drilling Hammer



SCREWDRIVERS

Bottle Opener 48-22-2700

SCREWDRIVERS HIGH-LEVERAGE HANDLE. **Lanyard Hole** MAGNETIC TIP. **Strong Magnetic Tips** Also Available:



Comfortable Tri-Lobe Handle

48-22-2702 2 Pc Demolition Screwdriver Set P#2, SL 5/16" P#1, P#2, SL 3/16", SL 1/4", SL 5/16" 48-22-2706 6 Pc Screwdriver Set P#1, P#2, SL 3/16", SL 1/4", SL 5/16", ECX™#1, ECX™#2 48-22-2708 8 Pc Screwdriver Set w/ ECX™ 48-22-2710 10 Pc Screwdriver Set P#1, P#2, SL 3/16", SL 1/4", SL 5/16", SQ#1, SQ#2 P#1, P#2, SL 3/16", SL 1/4", SL 5/16", SQ#1, SQ#2 48-22-2718 8 Pc Screwdriver Set w/ Square 48-22-2700 Bottle Opener

Wrench-Ready

CUSHION-GRIP SCREWDRIVERS

MOST DURABLE HANDLE. PRECISION TIP.



Model #	Description
48-22-2811	#1 Phillips (3")
48-22-2812	#2 Phillips (4")
48-22-2813	#3 Phillips (6")
48-22-2814	#2 Phillips (10")
48-22-2815	#2 Phillips (6") Cushion-Grip Demolition Screwdriver

ANULE.	Wrench Ready Bolster Increased torque
Knurled Shank Increase tool control	Milwaukee (
Custom Machined Tips	A MARRIAG NOT IRRU
Prevent cam-out	Tactile Identification Easy recognition without looking

Model #	Description	Model #	Description
48-22-2821	1/4" Slotted (4")	48-22-2834	1/4" Cabinet (10")
48-22-2822	5/16" Slotted (6")	48-22-2841	#1 ECX™ (4")
48-22-2824	3/8" Slotted (8")	48-22-2842	#2 ECX™ (4")
48-22-2831	3/16" Cabinet (3")	48-22-2851	#1 Square (3")
48-22-2832	3/16" Cabinet (6")	48-22-2852	#2 Square (4")
48-22-2833	3/16" Cabinet (8")	48-22-2853	#3 Square (6")

Model #	Description	Bit Types
48-22-2884	4 Pc Cushion-Grip Screwdriver Set	P#2, SL 1/4", SL 5/16", SL 6"
48-22-2885	5 Pc Cushion-Grip Screwdriver Set	P#2, SL 1/4", SL 5/16", SL 6"
48-22-2886	6 Pc Cushion-Grip Screwdriver Set	P#2, P#3, SL 1/4", SL 3/16", SL 5/16"

13IN1 CUSHION-GRIP SCREWDRIVERS



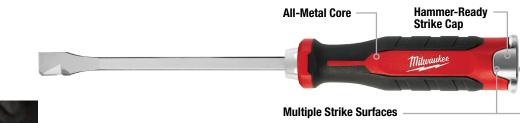


Schrader® Valve Core Remover

Loop Maker Wrench-Ready Bolster **Cushion Grip** Anti-Peel design Increased torque

	Model #	Description	Nut Drivers	Bit Types
ŀ	48-22-2880	13ın1 Cushion-Grip Screwdriver w/ ECX™ Bit	1/4", 5/16", 3/8", 1/2"	P#1, P#2, SL 3/16", SL1/4", SQ#1, SQ#2, ECX™#1, ECX™#2
	48-22-2881	13IN1 Cushion-Grip Screwdriver w/ Schrader® Bit	1/4", 5/16", 3/8", 1/2"	P#1, P#2, SL 3/16", SL1/4", SQ#1, SQ#2, Std Schrader®, Large Schrader®

DEMO DRIVERS

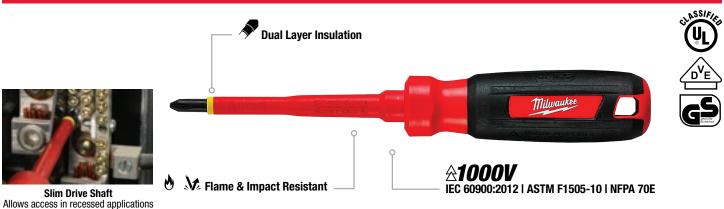




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44416221A6	DUGL	Fiercilla	HID

Model #	Description	
48-22-2860 Demo Driver		
48-22-2823	48-22-2823 Slotted 5/16" 6" Cushion-Grip Demolition Screwdriver	
48-22-2825 Slotted 3/8" 8" Cushion-Grip Demolition Screwdriver		
48-22-2702	2 Pc Demolition Screwdriver Set	

1000V INSULATED SCREWDRIVERS

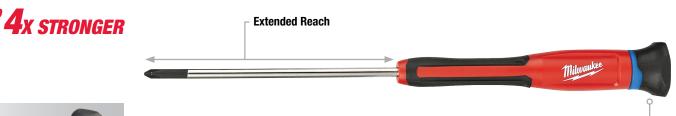


Model #	Description	Model #	Description
48-22-2211	#1 Phillips (3")	48-22-2232	3/16" Cabinet (6")
48-22-2212	#2 Phillips (4")	48-22-2233	3/16" Cabinet (8")
48-22-2213	#3 Phillips (6")	48-22-2241	#1 ECX™ (4")
48-22-2221	1/4" Slotted (6")	48-22-2242	#2 ECX™ (4")
48-22-2222	5/16" Slotted (7")	48-22-2251	#1 Square (3")
48-22-2223	3/8" Slotted (8")	48-22-2252	#2 Square (4")
48-22-2224	3/8" Slotted (10")	48-22-2253	#3 Square (6")
48-22-2231	3/16" Cabinet (4")		

Model #	Description	Bit Types, Carrying Case
48-22-2202	3 Pc 1000V Insulated Screwdriver Set	P#2, SL 1/4", ECX™#1
48-22-2204	4 Pc 1000V Insulated Screwdriver Set w/ Case	P#1, P#2, SL 1/4", SL 3/8", Extra Capacity Roll Up Pouch
48-22-2205	4 Pc 1000V Insulated Screwdriver Set w/ Case	SL 1/4", SL 3/8", SQ#1, SQ#2, Extra Capacity Roll Up Pouch
48-22-2210	10 Pc 1000V Insulated Screwdriver Set w/ Case	P#1, P#2, P#3, SL 1/4", SL 5/16", SL 3/8", SQ#1, SQ#2, SQ#3, ECX™#1, EVA Foam Fitted Case
48-22-2203	3 Pc 1000V Insulated Screwdriver Set	#1 ECX™ (4"), #2 Phillips (4"), 1/4" Slotted (6")

360° Rotating & Impact Resistant Back Cap

PRECISION SCREWDRIVERS



All-Metal Core	

Model #	Description	Bit Types
48-22-2604	4 Pc Precision Screwdriver Set	P#1, SL 1/16", SL 3/32", SL 1/8"
48-22-2606	6 Pc Precision Screwdriver Set w/ Case	P#1, P#2, SL 1/16", SL 3/32", SL 1/8", SL 5/32"
48-22-2610	6 Pc TORX® Precision Screwdriver Set w/ Case	T6, T7, T8, T9, T10, T15

NUT DRIVERS

HOLLOWCORE™ MAGNETIC NUT DRIVERS

UNLIMITED DEPTH















Model #	Description	Sizes
48-22-2502	2 Pc HOLLOWCORE™ Magnetic Nut Driver Set	1/4", 5/16"
48-22-2507	7 Pc HOLLOWCORE™ SAE Magnetic Nut Driver Set	1/4", 5/16", 11/32", 3/8", 7/16", 1/2", 9/16"
48-22-2517	7 Pc HOLLOWCORE™ Metric Magnetic Nut Driver Set	5mm, 5.5mm, 6mm, 7mm, 8mm, 10mm, 13mm

Model #	Description
48-22-2520	3/16" Magnetic Nut Driver
48-22-2521	1/4" HOLLOWCORE™ Magnetic Nut Driver
48-22-2522	5/16" HOLLOWCORE™ Magnetic Nut Driver
48-22-2523	11/32" HOLLOWCORE™ Magnetic Nut Driver
48-22-2524	3/8" HOLLOWCORE™ Magnetic Nut Driver

Model #	Description
48-22-2525	7/16" HOLLOWCORE™ Magnetic Nut Driver
48-22-2526	1/2" HOLLOWCORE™ Magnetic Nut Driver
48-22-2527	9/16" HOLLOWCORE™ Magnetic Nut Driver
48-22-2531	5mm HOLLOWCORE™ Magnetic Nut Driver
48-22-2532	5.5mm HOLLOWCORE™ Magnetic Nut Driver

Model #	Description
48-22-2533	6mm HOLLOWCORE™ Magnetic Nut Driver
48-22-2534	7mm HOLLOWCORE™ Magnetic Nut Driver
48-22-2535	8mm HOLLOWCORE™ Magnetic Nut Driver
48-22-2536	10mm HOLLOWCORE™ Magnetic Nut Driver
48-22-2537	13mm HOLLOWCORE™ Magnetic Nut Driver

HOLLOW SHAFT NUT DRIVERS

FITS **4**X MORE FASTENERS

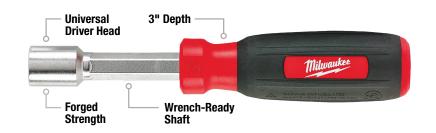












Model #	Description	Sizes
48-22-2402	2 Pc SAE Hollow Shaft Nut Driver Set	1/4", 5/16"
48-22-2404	4 Pc SAE Hollow Shaft Nut Driver Set	1/4", 5/16", 7/16", 9/16"
48-22-2407	7 Pc SAE Hollow Shaft Nut Driver Set	1/4", 5/16", 11/32", 3/8", 7/16", 1/2", 9/16"
48-22-2417	7 Pc Metric Hollow Shaft Nut Driver Set	5mm, 5.5mm, 6mm, 7mm, 8mm, 10mm, 13mm

Model #	Description
48-22-2420	3/16" Hollow Shaft Nut Driver
48-22-2421	1/4" Hollow Shaft Nut Driver
48-22-2422	5/16" Hollow Shaft Nut Driver
48-22-2423	11/32" Hollow Shaft Nut Driver
48-22-2424	3/8" Hollow Shaft Nut Driver

escription	Model #	Description
16" Hollow Shaft Nut Driver	48-22-2433	6mm Hollow Shaft Nut Driver
2" Hollow Shaft Nut Driver	48-22-2434	7mm Hollow Shaft Nut Driver
16" Hollow Shaft Nut Driver	48-22-2435	8mm Hollow Shaft Nut Driver
nm Hollow Shaft Nut Driver	48-22-2436	10mm Hollow Shaft Nut Driver
5mm Hollow Shaft Nut Driver	48-22-2437	13mm Hollow Shaft Nut Driver
r	" Hollow Shaft Nut Driver 16" Hollow Shaft Nut Driver am Hollow Shaft Nut Driver	2" Hollow Shaft Nut Driver 48-22-2434 16" Hollow Shaft Nut Driver 48-22-2435 am Hollow Shaft Nut Driver 48-22-2436

FRAMING HAMMERS



1	1		
	18 V	Model #	Description
		48-22-9016	17oz Milled Face Hammer
		48-22-9017	17oz Smooth Face Hammer
Magnetic Nail Se	et	48-22-9022	22oz Milled Face Hammer

_		
	Model #	Description
	48-22-9023	22oz Smooth Face Hammer
	48-22-9080	20oz Curved Claw Hammer



MOST DURABLE FIBERGLASS HANDLE







HICKORY HAMMERS PERFORMANCE





Model #	Description
48-22-9419	19oz Hickory Hammer – Milled Face
48-22-9419	19oz Hickory Hammer – Smooth Face

FIXED BLADE KNIFE







Model #	Description
48-22-1926	4" Tradesman Fixed Blade Knife

LINEMAN, FIXED BLADE, & POCKET KNIVES

FASTBACK POCKET & FOLDING KNIVES



LINEMAN'S UNDERGROUND KNIFE

STAYS SHARPER LONGER



Blade Cover Storage

Stai	nless Steel Blade	
	Marrie .	
Ergonomic Handle —	Tether Ready —— Lanyard Hole	

Model #	Description
48-22-1929	Lineman's Underground Knife

HARDLINE

HARDLINE™ FIXED BLADE KNIVES

ULTIMATE DURABILITY AUS-8 STEEL



5" Blade, 10.3" Overall Length	Tether Ready Lanyard Hole	
Stone Washed Black Oxide Finish	Full Tang —	Glass Filled Nylon w/ Overmold Grip

Model #	Description
48-22-1928	5" HARDLINE™ Fixed Blade Knife
48-22-1928B	5" HARDLINE™ Fixed Blade Knife

HARDLINE™ POCKET KNIVES

EXTREME WEAR RESISTANCE





Drop Point Smooth Blade

Stone Washed Black Oxide Finish	Reversible Tip - Up Belt Clip	Tether — Ready Lanyard Hole
MARK	Makember	
Flipper w/ — Bearing Syster	Steel	Frame Lock

Model # Description		Description
	48-22-1994	HARDLINE™ 3" Smooth Blade Pocket Knife
	48-22-1997	HARDLINE [™] 2-1/2" Smooth Blade Pocket Knife

Model #	Description
48-22-1998	HARDLINE™ 3" Serrated Blade Pocket Knife
48-22-1999	HARDLINE™ 3-1/2" Smooth Blade Pocket Knife

FASTBACKTM

FASTBACK™ 6IN1 UTILITY KNIFE

AND FLIP



Screwdriver and Folding 1/4" Bit Holder



FASTBACK 5IN1 FOLDING KNIFE

48-22-1505

FASTBACK™ 6IN1 Folding Utility Knife

PRESS





lel #	Description
2-1540	FASTBACK™ 5IN1 Folding Knife

FASTBACK™ FOLDING KNIVES



Durable Wire Belt Clip Reduces pocket tearing

Tether Ready Lanyard Hole Also Available: Stainless Steel Blade Stays sharp Liner Lock Secures blades Steven Blade Stays sharp Tether Ready Lanyard Hole Also Available: FASTBACK™ Camo Folding Knife 48-22-1524	Drop Point Blade	Thumb Press Hole and Flip)		
Steel Blade Secures blades FASTBACK™ Camo Stave sharp Folding Knife	•		lwankee	— Tether Ready Lanyard Hole	Also Available:
	Steel Blade			FA	Folding Knife

Model #	Description
48-22-1520	FASTBACK™ Folding Knife
48-22-1525	FASTBACK™ Hawkbill Folding Flip Knife
48-22-1524	FASTBACK™ Camo Folding Knife

FASTBACK™ COMPACT FOLDING KNIFE





Blade Holder Designed for Scoring



Model #	Description
48-22-1500	FASTBACK™ Compact Folding Utility Knife

FASTBACK™ HAWKBILL FOLDING KNIVES

PRESS AND FLIP





Ideal for Stripping Cable

Model #	Description
48-22-1525	FASTBACK™ Hawkbill Folding Knife
48-22-1526	FASTBACK™ Blunt Tip Hawkbill Folding Knife

FASTBACK™ UTILITY KNIVES

PRESS AND FLIP



Wire Stripper

All Metal — Body		Durable Wire Belt Clip Reduces pocket tearing
Blade Wire Holder Stripper	Press and Flip	Tether Ready Lanyard Hole Gut Hook

Model #	Description
48-22-1501	FASTBACK™ Folding Utility Knife
48-22-1502	FASTBACK™ Folding Utility Knife w/ Blade Storage
48-22-1503	FASTBACK™ Folding Utility Knife & FASTBACK™ Compact Knife Set

Model #	Description
48-22-1504	FASTBACK™ Folding Utility Knife w/ Blade Storage and 50 Pc General Blades
48-22-1901	FASTBACK™ Folding Utility Knife

FASTBACK™ SPRING ASSISTED POCKET KNIVES





	A. Carrie
FASTBACK™ Spring Assisted	
48-22	-1996

Also Available:

-84	1		
1	-		00
101			
- 8	100	-	4
- 3		1	0
Dar	tially Sarı	rated	

Partially Serrated

Model #	Description
48-22-1530	FASTBACK™ Spring Assisted Knife
48-22-1535	FASTBACK™ Camo Spring Assisted Knife

LOCKBACK POCKET KNIFE







Model #	Description	
48-22-1940	Lockback Pocket Knife	

COMPACT FOLDING KNIFE

STAYS SHARP



				6
30%		0 600		
1450	31.11	150	100	S
100	Il.	3	72	
160	100	*		

Drop Point Blade

Model #	Description
48-22-1521	Compact Folding Utility Knife

UTILITY KNIVES

Milwaukee



Compact Side Sliding Utility Knife

SIDE SLIDING UTILITY KNIFE

48-22-1511

MAXIMUM DEPTH CONTROL

Tool-Free Blade Change



		32
- 54	-	100
THE COLUMN	CARR	

Holds up to 5 Blades

Model #	Description
48-22-1510	Side Sliding Utility Knife

FIXED BLADE UTILITY KNIFE

FIXED BLADE





Overmold Grip

Model #	Description
48-22-1513	Fixed Blade Utility Knife

GENERAL PURPOSE

5X LONGER



Milwanker

High Quality Steel

General Purpose

HOOK

UP TO **2**X STRONGER



Ideal for Roofing

DRYWALL

2X SHARPER



Ideal for Drywall

Custom Grind Angle

CARTON

5X LONGER



Ideal for Cartons

	Rounded Edges	
Illilwa	nkee	
	TOTAL PROPERTY.	

incur for our cons					
Description	5 Pc	15 Pc (Case Included)	50 Pc (Dispenser Included)	75 Pc (Dispenser Included)	100 Pc (Dispenser Included)
General Purpose Utility Blades	48-22-1905	-	48-22-1950	48-22-1975	48-22-1900
Hook Utility Blades	48-22-1932	_	48-22-1952	_	_
Drywall Utility Blades	48-22-1933	_	48-22-1953	_	_
Carton Utility Blades	48-22-1934	_	48-22-1954	_	_
15 Pc Assorted Utility Blade Set	-	48-22-1930 (10) General Purpose, (2) Hook, (3) Carton	_	_	_



SELF RETRACTING UTILITY KNIFE

SIDE SLIDE. SELF RETRACT.

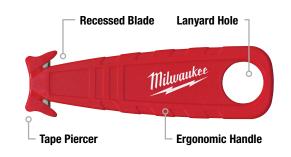


Description

Self Retracting Utility Knife

SAFETY CUTTER

5X LONGER LIFE

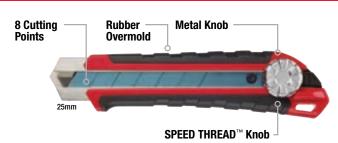


Model #	Description
48-22-1916	Safety Cutter

PRECISION SNAP-OFF KNIVES

METAL LOCK
UP TO 10x LONGER LIFE

48-22-1512





Model #	Description	
48-22-1960	9mm (A) Precision Snap-Off Knife	
48-22-1961	18mm (L) Precision Snap-Off Knife w/ Metal Lock	

9mm (A) General Purpose Snap-Off Knife

18mm (L) General Purpose Snap-Off Knife

Model # Description	
48-22-1962	25mm (H) Precision Snap-Off Knife w/ Metal Lock

25mm (H) General Purpose Snap-Off Knife

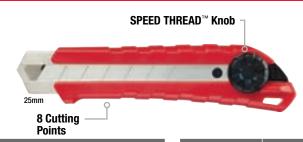
Description	3 Pc	10 Pc
9mm (A) Precision Snap-Off Replacement Blades	48-22-9309	48-22-9109
18mm (L) Precision Snap-Off Replacement Blades	48-22-9318	48-22-9118
25mm (H) Precision Snap-Off Replacement Blades	48-22-9325	48-22-9125

GENERAL PURPOSE SNAP-OFF KNIVES

48-22-1963

48-22-1964

FASTER BLADE ADJUSTMENT



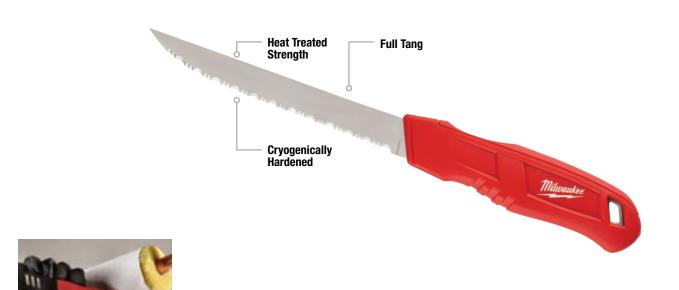


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Description	3 Pc	10 Pc
9mm (A) General Purpose Snap-Off Replacement Blades	48-22-1309	48-22-1109
18mm (L) General Purpose Snap-Off Replacement Blades	48-22-1318	48-22-1118
25mm (H) General Purpose Snap-Off Replacement Blades	48-22-1325	48-22-1125

48-22-1965

STAYS SHARPER LONGER



-100	
Rounded I Smoothing Ap	

Model #	Description
48-22-1921	Insulation Knife (Smooth)
48-22-1922	Insulation Knife (Serrated)

DUCT KNIFE

STAYS SHARPER LONGER





RASPING JAB SAW

2X FASTER PLUNGE CUTS





Piercing Tip

Model #	Description
48-22-0304	Rasping Jab Saw

FOLDING JAB SAW

10 X FASTER BLADE CHANGE





Folding Blade

Model #	Description
48-22-0305	Folding Jab Saw

PVC/ABS SAWS

FAST CUTS THROUGH PVC





Metal Core

Model #	Description	
48-22-0212	12" PVC/ABS Saw	
48-22-0222	12" PVC/ABS Saw Replacement Blade	
48-22-0223	18" PVC/ABS Saw	
48-22-0220	18" PVC/ABS Saw Replacement Blade	

AVIATION SNIPS

10x more cuts Forged blades





Flush Bolt Design Won't hang up on material



LONG CUT

OFFSET



't hang up on material

Model #	Description	Cold Rolled Steel	Stainless Steel
48-22-4530	Straight Cutting Standard Snips	18ga	22ga
48-22-4510	Left Cutting Standard Snips	18ga	22ga
48-22-4520	Right Cutting Standard Snips	18ga	22ga
48-22-4533	3 Pc Standard Snips Set	18ga	22ga
48-22-4532	Straight Cutting Offset Snips	18ga	22ga
48-22-4512	Left Cutting Offset Snips	18ga	22ga
48-22-4522	Right Cutting Offset Snips	18ga	22ga

Model # Cold Rolled Steel | Stainless Steel 48-22-4523 2 Pc Offset Snips Set 18ga 22ga 48-22-4537 Long Cut Straight Cutting Snips 20ga 22ga 48-22-4538 Long Cut Offset Snips 20ga 22ga 48-22-4500 **Bulldog Snips** 16ga 18ga 48-22-4511 Left Cutting Right Angle Snips 24ga 28ga 48-22-4521 Right Cutting Right Angle Snips 28ga

SCISSORS & BOLT CUTTERS





2X FORCE, LESS EFFORT **BOLT LOCK**





Cut clearance

Model #	Description
48-22-4005	Offset Compound Tinner

CLASSIC TINNERS

BLADES WILL NOT LOOSEN

BOLT LOCK



40% Larger Handle Loops

Index Finger Groove	ĵ	5

Model #	Description
48-22-4003	10" Classic Tinner
48-22-4002	12" Classic Tinner
48-22-4001	16" Bulldog Tinner

DUCKBILL TINNER



NOT LOOSEN Bolt lock �		
0		
For Tight Radius Cuts	Index Finger Groove	

40% Larger	

Model #	Description
48-22-4004	10" Duckbill Tinner

LIGHTWEIGHT TINNER



40% Larger

Model #	Description
48-22-4006	13" Lightweight Tinner
48-22-4007	Lightweight Tinner Replacement Blades

JOBSITE SCISSORS

ALL-METAL

UP TO 10X LONGER LIFE





Model #	Description	Model #	Descriptio
48-22-4047	Jobsite Offset Scissors	48-22-4046	Jobsite Stra

raight Scissors

ADAPTABLE BOLT CUTTERS w/ POWERMOVE™ EXTENDABLE ARMS

MORE CUTS. MAXIMUM VERSATILITY.





		Max Capacity		
Model #	Description	Soft/Medium Materials (up to 31 HRC)	Hard Materials (up to 48 HRC)	
48-22-4114	14" Adaptable Bolt Cutter	5/16"	3/16"	
48-22-4124	24" Adaptable Bolt Cutter	7/16"	5/16"	

BOLT CUTTERS

BOLT CUTTERS MORE CUTS. LONGER LIFE.





Forged Steel Blades & **Custom Heat Treated**

	Max Capacity		
Model #	Description	Soft/Medium Materials (up to 31 HRC)	Hard Materials (up to 48 HRC)
48-22-4014	14" Bolt Cutter	5/16"	3/16"
48-22-4018	18" Bolt Cutter	3/8"	1/4"
48-22-4024	24" Bolt Cutter	7/16"	5/16"
48-22-4031	30" Bolt Cutter	1/2"	3/8"

FIBERGLASS BOLT CUTTER W/ PIVOTMOVE

BEST ACCESS. 1000V INSULATED.



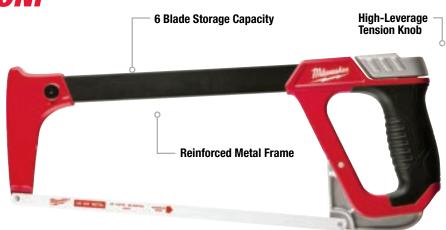


PIVOTMOVE™ Rotating Handles **Greater Accessibility**

		Max Capacity		
Model #	Description	Soft/Medium Materials (up to 31 HRC)	Hard Materials (up to 48 HRC)	
48-22-4218	18" Fiberglass Bolt Cutter w/ PIVOTMOVE™ Rotating Handles	3/8"	1/4"	
48-22-4224	24" Fiberglass Bolt Cutter w/ PIVOTMOVE™ Rotating Handles	5/16"	7/16"	

HIGH-TENSION HACKSAW

MOST DURABLE. HIGHEST TENSION.





)	Angle	Blade	Position

Model #	Description
48-22-0050	12" High-Tension Hacksaw
48-43-0600	10 Pc 12" 14TPI Hacksaw Blade
48-43-0610	10 Pc 12" 18TPI Hacksaw Blade

Model #	Description
48-43-0620	10 Pc 12" 24TPI Hacksaw Blade
48-43-0630	10 Pc 12" 32TPI Hacksaw Blade

COMPACT HACKSAW

10 IOX FASTER BLADE CHANGE



Adjustable Blade Length



Compact Design

Model #	Description
48-22-0012	Compact Hacksaw



LINEMAN'S HIGH-LEVERAGE RATCHETING WRENCHES

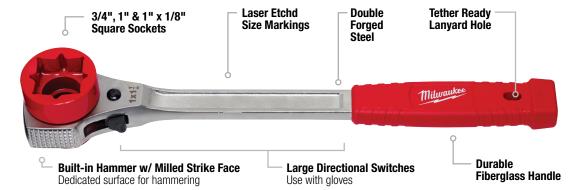
MOST DURABLE RATCHET BUILT-IN HAMMER











Also Available:



Lineman's High-Leverage Ratcheting Wrench w/ Smooth Strike Face



Durable Fiberglass Handle

Model #	Description
48-22-9213M	Lineman's High-Leverage Ratcheting Wrench w/ Milled Strike Face
48-22-9213	Lineman's High-Leverage Ratcheting Wrench w/ Smooth Strike Face

LINEMAN'S 5IN1 RATCHETING WRENCHES

MOST DURABLE RATCHET BUILT-IN HAMMER









Built-In Hammer



- Built-in Hammer w/ Milled Strike Face Dedicated surface for hammering

Use with gloves Also Available:

0 1 0 10 10 0 Lineman's 5in1 Ratcheting Wrench w/ **Smooth Strike Face**

Model #	Description
48-22-9216M	Lineman's 5w1 Ratcheting Wrench w/ Milled Strike Face
48-22-9216	Lineman's 5w1 Ratcheting Wrench w/ Smooth Strike Face

2IN1 LINEMAN'S INSULATED RATCHETING BOX WRENCH DURABLE, FORGED STEEL. 1000V INSULATED.



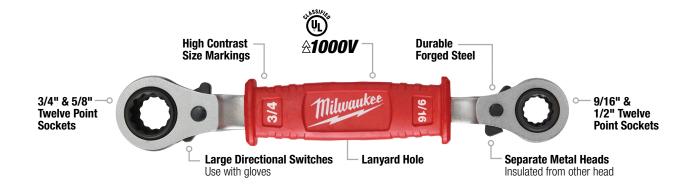


9/16" and 3/4" Twelve

Model #	Description
48-22-9211	Lineman's 2N1 Insulated Ratcheting Box Wrench

4IN1 LINEMAN'S INSULATED RATCHETING BOX WRENCH

DURABLE, FORGED STEEL. 1000V INSULATED.





Model #	Description
48-22-9212	Lineman's 4w1 Insulated Ratcheting Box Wrench



TUBING/PIPE CUTTERS & REAMING PEN

COPPER TUBING CUTTERS

TUBING CUTTER

STRAIGHTER, CLEANER CUTS





Double Ground V-Shape Blade

Model #	Description
48-22-4204	Tubing Cutter
48-22-4203	Tubing Cutter Replacement Blade

RATCHETING PIPE CUTTERS

STRAIGHT, EASY CUTS





Comfortable Handle Design

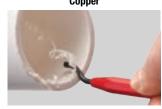
Model #	Description	Model #
48-22-4210	1-5/8" Ratcheting Pipe Cutter	48-22-4215
48-22-4211	1-5/8" Ratcheting Pipe Cutter Replacement Blade	48-22-4216

Model #	Description
48-22-4215	2-3/8" Ratcheting Pipe Cutter
48-22-4216	2-3/8" Ratcheting Pipe Cutter Replacement Blade

REAMING PEN



Copper



PVC

	All-Metal I	Design
	11 48-22-4255	№ (MILWAUKEE
Heat Treated and Black Oxide Coated		Slide Resistant Clip

Model #	Description
48-22-4255	Reaming Pen

MINI COPPER TUBING CUTTERS

5x Longer Life
REINFORCED ADJUSTMENT
MECHANISM





Model #	Description	Cut Capacity	Extra Blade
48-22-4250	1/2" Mini Copper Tubing Cutter	1/8" – 5/8"	-
48-22-4258	3/4" Mini Copper Tubing Cutter	1/8" – 7/8"	-
48-22-4251	1" Mini Copper Tubing Cutter	1/8" – 1-1/8"	Yes
48-22-4256	2 Pc Replacement Cutter Wheels		_

CLOSE QUARTERS COPPER TUBING CUTTERS

MOST COMPACT. LONGEST LIFE.





Chrome Rollers Rust Protection

Model #	Description
48-22-4260	1/2" Close Quarters Copper Tubing Cutter
48-22-4261	3/4" Close Quarters Copper Tubing Cutter
48-22-4262	1" Close Quarters Copper Tubing Cutter
48-22-4263	3 Pc Close Quarters Copper Tubing Cutter Set
48-22-4266	Replacement Copper Tubing Cutter Wheels

Also Available:

Extended Reach Punchdown Blade



COPPER TUBING CUTTERS

QUICK-ADJUST COPPER TUBING CUTTERS

STRAIGHTER, **CLEANER CÚTS**

4 CHROME ROLLERS





Adapt to Cut 3" PEX



Model #	Description	Cut Capacity
48-22-4253	2-1/2" Quick-Adjust Copper Tubing Cutter	1/2" – 2-5/8"
48-22-4254	3-1/2" Quick-Adjust Copper Tubing Cutter	1/2" – 3-1/2"
48-22-4256	2 Pc Replacement Cutter Wheels	-
48-22-4206	Replacement PEX Cutter Wheel	_

CONSTANT SWING COPPER TUBING CUTTERS

STRAIGHTER, **CLEANER CÚTS**

4 CHROME ROLLERS



Built-In Reamer on 48-22-4252



Chrome Rollers Rust Protection

	Easy, Tool-Free Blade Change	Smooth Adjustment
Chrome	Milwau	kee
Rollers	26	

Model #	Description	Cut Capacity
48-22-4259	1" Constant Swing Copper Tubing Cutter	1/8" – 1-1/8"
48-22-4252	1-1/2" Constant Swing Copper Tubing Cutter	1/8" – 1-5/8"
48-22-4256	2 Pc Replacement Cutter Wheels	-
48-22-4257	3 Pc Replacement Reaming Blade	-

PUNCHDOWN TOOL

BEST ACCESS & VISIBILITY





Model #	Description	Blades Included
18-22-2165	Punchdown Tool w/ Extended Blade	66/110 Combination and Extended Reach 110
18-22-2166	Extended Punchdown Blade	Extended Reach 110
18-22-2167	Punchdown Blade	66/110 Combination

Function `

MINI FLUSH CUTTER

CONSISTENT, PRECISE CUTS





Model #	Description
48-22-6105	Mini Flush Cutter

RATCHETING MODULAR CRIMPER

CONSISTENT, ACCURATE CR

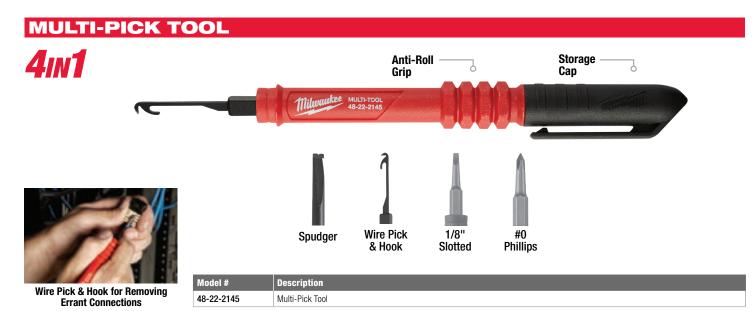


RIMPS	Easy Access Jack Removal
In-Line Head Design	Ratcheting Mechanis
Model #	Description

48-22-3075 Ratcheting Modular Crimper







ELECTRICIAN SNIPS BLADES WON'T LOOSEN. **BOLT LOCK Forged Blade All-Metal Handles Optimized** Finger Loop

UTP STRIPPER

Wire Gullet Prevents Walking

COMFORTABLE, ONE HAND OPERATION

48-22-4045

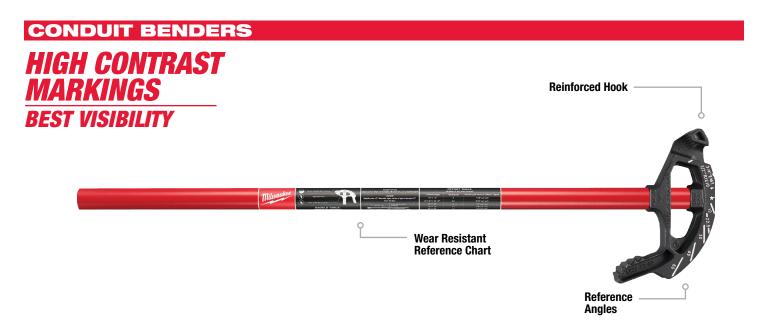
Electrician Snips





Optimized Finger Loop

Model #	Description
48-22-3065	UTP Stripper





Reinforced Multi-Position Foot Pedal

Model #	Description
48-22-4080	1/2" Iron Conduit Bender
48-22-4081	3/4" Iron Conduit Bender
48-22-4082	1" Iron Conduit Bender
48-22-4070	1/2" Aluminum Conduit Bender
48-22-4071	3/4" Aluminum Conduit Bender
48-22-4072	1" Aluminum Conduit Bender

FISH STICKS

MOST DURABLE CONNECTIONS. BRIGHTEST GLOW.



Connection Points

Knurled Grip Easy threading	Brightest Glow in the Dark
	SS LOW FLEX (3(5) *******
	0
	Coating Protects Against Splinters

MET Part #	Description	Kit Includes
48-22-4149	5ft Low Flex Fish Stick	(1) 5' Low Flex Fish Stick, and Bullet Nose
48-22-4150	15ft Low Flex Fish Stick Kit	(3) 5' Low Flex Fish Sticks, Storage Tube, Bullet Nose and Hook
48-22-4151	5ft Mid Flex Fish Stick	(1) 5' Mid Flex Fish Stick, and Bullet Nose
48-22-4152	15ft Mid Flex Fish Stick Kit	(3) 5' Mid Flex Fish Sticks, Storage Tube, Bullet Nose and Hook
48-22-4153	5ft High Flex Fish Stick	(1) 5' High Flex Fish Stick, and Bullet Nose
48-22-4154	15ft High Flex Fish Stick Kit	(3) 5' High Flex Fish Sticks, Storage Tube, Bullet Nose and Hook

MET Part #	Description	Kit Includes
48-22-4160	25ft Fish Stick Combo Kit	(4) 5' Low Flex, (1) 5' Mid Flex Fish Sticks, (1) Storage Tube, Bullet Nose and Hook
48-22-4155	30ft Fish Stick Combo Kit	(4) 5' Low Flex, (1) 5' Mid Flex, (1) 5' High Flex Fish Sticks, (1) Storage Case, Bullet Nose, Hook, and Whisk
48-22-4156	60ft Fish Stick Combo Kit	(7) 5' Low Flex, (3) 5' Mid Flex, (2) 5' High Flex Fish Sticks, (1) Storage Case, Bullet Nose, Hook, Whisk, Magnet & Chain and Lighted Tip
48-22-4157	3 PC. Fish Stick Accessory Kit	(1) Whisk, Bullet Nose, and Hook
48-22-4158	Fish Stick Lighted Tip Accessory	(1) Lighted Tip Accessory
48-22-4159	Fish Stick Magnetic Tip and Chain Accessory	(1) Magnetic Tip and (1) Chain Accessory





MORE DURABLE TAPE. Metal Leader







50ft Polyester Fish Tape w/ Nonconductive Tip



Model #	Description
48-22-4192	50ft Polyester Fish Tape w/ Flexible Metal Leader
48-22-4195	100ft Polyester Fish Tape w/ Flexible Metal Leader
48-22-4197	200ft Polyester Fish Tape w/ Flexible Metal Leader
48-22-4162	50ft Polyester Fish Tape w/ Nonconductive Tip
48-22-4165	100ft Polyester Fish Tape w/ Nonconductive Tip
48-22-4167	200ft Polyester Fish Tape w/ Nonconductive Tip

STEEL FISH TAPES

SMOOTH PAYOUT. EASIER FISHING.

> 1/4" Flexible Blue Tempered Steel Straight wire runs





Laser Etched Markings

Model #	Description	
48-22-4171	25ft 1/8" Steel Fish Tape	
48-22-4172	50ft 1/8" Steel Fish Tape	
48-22-4173	60ft 1/8" Steel Fish Tape	
48-22-4176	120ft 1/8" Steel Fish Tape	
48-22-4178	240ft 1/8" Steel Fish Tape	
48-22-4181	25ft 1/4" Steel Fish Tape w/ Low Profile Tip	
48-22-4185	100ft 1/4" Steel Fish Tape	

PACKOUT **MODULAR STORAGE SYSTEM**

MODULAR STORAGE SYSTEM







VIRTUALLY BUILD YOUR SYSTEM







ROLLING TOOL BOX



9" All-Terrain Wheels

48-22-8426 PACKOUT™ Rolling Tool Box 250 lbs

ROLLING TOOL CHEST







IP65 Rated Protection





		1000
	The real Property lies	-
		-
-	100	100
		_

Fits Under Most Truck Beds

Modular Connectivity with All PACKOUT" Components

> **Locking Lid** Support

> > **Metal Reinforced Locking Points**

Industrial-Grade

Extension Handle

Interior

Corners

Organization

Metal Reinforced

Water & Debris Protection

PACKOUT™ Rolling Tool Chest 250 lbs

TOOL BOXES







IP65 Rated

Protection

48-22-8428









Modular Connectivity w/ All PACKOUT Components

Also Available:

PACKOUT™ Tool Box

48-22-8424

Metal Reinforced Corners



Interior Organizer Trays

60

Model #	Description	Weight Capacity
48-22-8424	PACKOUT™ Tool Box	75 lbs
48-22-8425	PACKOUT™ Large Tool Box	100 lbs
48-22-8429	PACKOUT™ XL Tool Box	100 lbs

DRAWERS





Quick Adjust Bin Dividers



48-22-8472



Frame



Locking Security Bar Metal bar secures all drawers

50 lbs Weight Capacity

> **Modular Connectivity** w/ All PACKOUT Components

PACKOUT[®] 2-Drawer Toolbox **Steel Ball Bearing Slides** 48-22-8442

Also Available:

48-22-8442 PACKOUT™ 2-Drawer Tool Box 48-22-8443 PACKOUT™ 3-Drawer Tool Box 48-22-8450 PACKOUT™ Tool Case w/ Customizable Insert

48-22-8473 PACKOUT™ 3-Drawer Divider Kit Customizable Foam Insert for 48-22-8452 PACKOUT™ Drawer Tool Boxes

COMPACT TOOL BOX



PACKOUT™ 2-Drawer Divider Kit

Model #	Description	Weight Capacity
48-22-8422	PACKOUT™ Compact Tool Box	75 lbs

TOOL CASE WITH CUSTOMIZABLE INSERT

w/ All PACKOUT™ Components



Interior Storage Tray



75lbs Weight

Capacity

Reinforced **Locking Point**



CUSTOMIZE YOUR INSERT



Impact Resistant Polymer Construction

IP65 Rated Protection

 $\begin{array}{c} \textbf{Modular Connectivity} \\ \textbf{with All PACKOUT}^{\text{\tiny{TM}}} \end{array}$ Components





Additional Dividers Sold Separately 48-22-8473 and 48-22-8472 milwaukeetool.com



CRATE





Stack or Hang

for vertical use

48-22-8440

■ Rear hanging points





50 lbs Weight Capacity

Modular Connectivity w/

All PACKOUT

Components

Impact Resistant

Polymer Construction

■ Top attachment points for stacking

PACKOUT™ Crate

Stack or Hang

16qt COOLER











Integrated Bottle Opener

50 lbs 48-22-8460 PACKOUT™ 16qt Compact Cooler

DEEP ORGANIZER









w/ All PACKOUT™ Components



And the second	Model #	Description
uick-Adjust Dividers	48-22-8432	PACKOUT™ Deep Organizer

ORGANIZERS





No-Travel Bin Seals



Also Available:

Removable & **Mountable Bins**



PACKOUT™



Removable & Mountable Bins

IP65 Rated – Protection		Compact Organizer 48-22-8435
Modular Coni w/ All PACKO	nectivity UT™ Components	— Impact Resistant Polymer Base
Model #	Description	
48-22-8430	PACKOUT™ Organizer	
48-22-8435	PACKOUT™ Compact Organizer	

LOW-PROFILE ORGANIZERS





6 Removable Bin Dividers 5 Removable Bins **IP65 Rated Protection Impact Resistant Polymer Base Low-Profile Design**

PACKOUT™ Low-Profile Organizer 48-22-8431

Also Available:

Modular Connectivity w/ All PACKOUT Components

No-Travel Bin Seals

Model #	Description
48-22-8431	PACKOUT™ Low-Profile Organizer
48-22-8436	PACKOUT™ Low-Profile Compact Organizer

TOTES



Removable Bins



Shoulder Strap

Tear-Resistant 1680D **Ballistic Material**

Modular Connectivity w/

All PACKOUT™ Components



Durable Overmold Handle

Also Available:

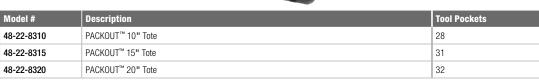




48-22-8310



Impact Resistant PACKOUT™ 15" Tote Polymer Base





Optimized Storage Capacity



TOOL BAGS







Spacious Storage Compartment

Tear-Resistant 1680D **Ballistic Material**

Spacious Storage Compartment

Modular Connectivity w/ All PACKOUT™ Components

Model #	Description
48-22-8321	PACKOUT™ 15" Tool Bag
48-22-8322	PACKOUT™ 20" Tool Bag

Versatile Carry

All-Metal

Hardware

Impact Resistant

Food-Grade **Leak Proof Liner**

All-Metal

Hardware

No Sweat Exterior

Load-Bearing Harness ■ Evenly distributes weight

■ Sternum strap

Tape Measure Clip

■ Padded and breathable

Modular Connectivity w/ All **PACKOUT™ Components**

Polymer Base

Cushioned shoulder strap, top handles, side handles

Also Available:

PACKOUT™ 15" Tool Bag 48-22-8321

COOLER











Holds Ice for 24 Hours

48-22-8302 PACKOUT™ Cooler

BACKPACK











Impact Resistant Polymer Base



Optimized Storage Capacity

Tool Pockets 48-22-8301 PACKOUT™ Backpack 48

TECH BAG













	_	
Optimized	Storage	Capacity

Model #	Description	Tool Pockets
48-22-8300	PACKOUT™ Tech Bag	58

MOUNTING PLATE













Wall & Floor Mounting

Model #	Description
48-22-8485	PACKOUT™ Mounting Plate



DOLLY





48-22-8415

PACKOUT™ 2-Wheel Cart







QUICKSTOP™ Loading Lever

Model #	Description
48-22-8410	PACKOUT™ Dolly

400 lbs

2-WHEEL CART



RACKING SHELVES







METAL-REINFORCED FRAME



50 lbs Weight Capacity

Versatile Mounting Compatible w/ horizontal and vertical E-Track

Also Available:



Metal Reinforced Frame

PACKOUT** Racking Shelf 48-22-8481

Model # Description 48-22-8480 PACKOUT™ Racking Kit 48-22-8481 PACKOUT™ Racking Shelf 48-22-8482 2 Pc 20" Vertical E-Track for PACKOUT™ Racking Shelves

CUSTOMIZABLE WORK TOP



Quick Release Levers for

Easy Repositioning









4	Dandu	Manustina	Cuufaaa	
asteller-	neauy	Mounting	Surface	

Model #	Description	Weight Capacity
48-22-8488	PACKOUT™ Customizable Work Top	50 lbs

Stack or Hang



Milwaukee

BAG & ROLLING BAGS

JOBSITE TECH BAG

5x more durable





Model #	Description
48-22-8210	Jobsite Tech Bag

HARDTOP™ ROLLING BAGS

MOST DURABLE. ULTIMATE VERSATILITY.





	Model #	Description
	48-22-8221	18" Rolling Bag
	48-22-8220	24" HARDTOP™ Rolling Bag

JOBSITE COOLER

HOLDS ICE UP TO 24HRS



2X the Insulation

Model #	Description
48-22-8250	Jobsite Cooler

LOW-PROFILE BACKPACK

DURABLE, LOW-PROFILE DESIGN





Model #	Description	Pockets
48-22-8202	Low-Profile Backpack	22

68

JOBSITE BACKPACK

5X MORE DURABLE





Impact-Resistant Base

Model #	Description	Pockets
48-22-8200	Jobsite Backpack	35

ULTIMATE JOBSITE BACKPACK

ULTIMATE DURABILITY, PROTECTION, & STORAGE





Impact-Resistant Base

Model #	Description	Pockets
48-22-8201	Ultimate Jobsite Backpack	48

PARACHUTE ORGANIZER BAG

FASTEST ACCESS, BEST CONSTRUCTION





Model #	Description
48-22-8170	Parachute Organizer Bag

BUCKET ORGANIZER WRAP

MOST VERSATILE BUCKET ORGANIZER





Model #	Description
48-22-8175	Bucket Organizer Wrap

ORGANIZERS

ZIPPER POUCHES

ZX MORE DURABLE



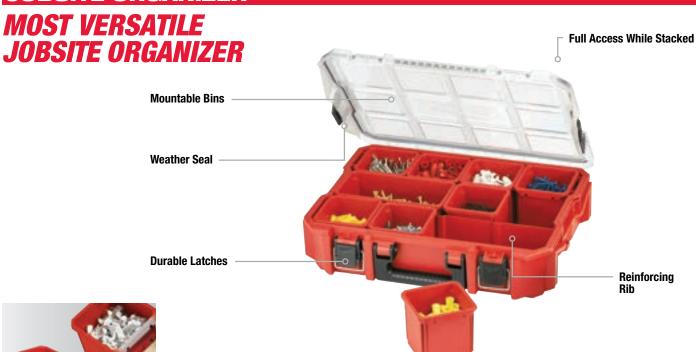


Water Resistant Stand-Up Base

3 Pc Multi-Size Zipper Pouches 48-22-8183

Model #	Description
48-22-8180	Zipper Pouch
48-22-8193	3 Pc Zipper Pouches
48-22-8183	3 Pc Multi-Size Zipper Pouches

JOBSITE ORGANIZER



Model # 48-22-8030 20" Jobsite Organizer

WORK BELTS & POUCHES

5X LONGER LIFE

Contractor's Work Belt w/ Suspension Rig 48-22-8120



	led t Belt 2-8140	
Compact ——— Electrician's Work Pouch	Hammer	 Electrician's Work Pouch w/ Quick-Adjust Belt 48-22-8112

Model #	Description
48-22-8100	Electrician's Work Belt w/ Quick-Adjust Belt
48-22-8110	Electrician's Work Belt
48-22-8111	Compact Electrician's Work Pouch
48-22-8120	Contractor's Work Belt w/ Suspension Rig
48-22-8121	Carpenter's Work Pouch
48-22-8122	3-Tier Material Work Pouch

Model #	Description
48-22-8140	Padded Work Belt
48-22-8145	Padded Rig
48-22-8146	XL Padded Rig
48-22-8149	Hammer Loop
48-22-8112	Electrician's Work Pouch w/ Quick-Adjust Belt

COMPACT UTILITY POUCH

5X LONGER LIFE

Quick-Attach

Belt Loop



Ų		
D.	Model #	Description
	48-22-8118	Compact Utility Pouch

UTILITY POUCH

Electrician's Work Belt

48-22-8111

48-22-8110





The second	
Outak Attach	
Quick-Attach	
Belt Loop	
DOIL TOOK	

48-22-8119 Utility Pouch

No-Travel Bin Seals





LINEMAN'S AERIAL TOOL APRON

EASY ORGANIZATION. LASTING DURABILITY.





3 Durable Eyelets

3 D-Rings More storage

Puncture Resistant Knife Pockets For knife storage

Reinforced Auger Holders Won't burn through

Also Available:

2" Bucket Hook 48-22-8292 3" Bucket Hook 48-22-8293

Dedicated Flood Light Pocket

48-22-8290 Lineman's Aerial Tool Apron **LINEMAN'S COMPACT AERIAL TOOL APRON**

EASY ORGANIZATION. LASTING DURABILITY.

18 POCKETS





Reinforced Auger Holder Won't burn through

	Model #	Description
48-22-8291 Lineman's Compact Aerial Tool Apron		Lineman's Compact Aerial Tool Apron

UNDERGROUND OVAL BAG

5X LONGER LIFE



	l
Model #	Description
48-22-8275	Underground Oval Bag

AERIAL OVAL BAG

5X LONGER LIFE

Puncture Resistant Pockets





_		
Dunctura	Docietant	Dookoto

Model #	Description
48-22-8276	Aerial Oval Bag



POWER UTILITY STORAGE

STAY **SAFE**. STAY **PRODUCTIVE**.









Double Layered Canvas

Model #		Description	
48-22-8270		Canvas Utility Bucket w/ Pockets	

CANVAS UTILITY BUCKET





Large Swiveling **Metal Carabiner**

	Model #	Description
48-22-8271 Canvas Utility Bucket		Canvas Utility Bucket



MILWAUKEE® has taken the time to understand users' needs and develop personal protective equipment from the ground up, delivering hard hats that allow users to adapt to each job and safety glasses that can be worn all day with lasting, fog-free lenses. MILWAUKEE® is focused on creating innovative PPE solutions that won't slow users down, helping them STAY SAFE. STAY PRODUCTIVE.™

LEARN MORE





CUSTOMIZATION AVAILABLE

See page 85 for details

SAFETY HELMETS

BETTER PROTECTION MORE COMFORT



- **BOLT™ Headlamp Mount** Securely holds MILWAUKEE® and most other professional brand headlamps
- Mounts to front or back



Moisture W	licking Sv Helmet Li	weatband ner	5 / Ch Co
No Brim			
Model #	Color	Description	

No Brim				
Model #	Color	Description		
48-73-1300		White Vented Safety Helmet – Type II, Class C		
48-73-1302		Yellow Vented Safety Helmet – Type II, Class C		
48-73-1304		Blue Vented Safety Helmet – Type II, Class C		
48-73-1306		Green Vented Safety Helmet – Type II, Class C		
48-73-1308		Red Vented Safety Helmet – Type II, Class C		
48-73-1310	Black Vented Safety Helmet – Type II, Class C			
48-73-1312		Orange Vented Safety Helmet – Type II, Class C		

Front Brim				
Model #	Color	Description		
48-73-1320		White Front Brim Vented Safety Helmet – Type II, Class C		
48-73-1322		Yellow Front Brim Vented Safety Helmet – Type II, Class C		
48-73-1324		Blue Front Brim Vented Safety Helmet – Type II, Class C		
48-73-1326		Green Front Brim Vented Safety Helmet – Type II, Class C		
48-73-1328		Red Front Brim Vented Safety Helmet – Type II, Class C		
48-73-1330		Black Front Brim Vented Safety Helmet – Type II, Class C		
48-73-1332		Orange Front Brim Vented Safety Helmet – Type II, Class C		

No Brim				
Model #	Color	Description		
48-73-1301		White Safety Helmet – Type II, Class E		
48-73-1303		White Safety Helmet – Type II, Class E		
48-73-1305		Blue Safety Helmet – Type II, Class E		
48-73-1307		Green Safety Helmet – Type II, Class E		
48-73-1309		Red Safety Helmet – Type II, Class E		
48-73-1311		Black Safety Helmet – Type II, Class E		
48-73-1313		Orange Safety Helmet – Type II, Class E		

Front Brim				
Model #	Color	Description		
48-73-1321		White Safety Helmet – Type II, Class E		
48-73-1323		White Safety Helmet – Type II, Class E		
48-73-1325		Blue Safety Helmet – Type II, Class E		
48-73-1327		Green Safety Helmet – Type II, Class E		
48-73-1329		Red Safety Helmet – Type II, Class E		
48-73-1331		Black Safety Helmet – Type II, Class E		
48-73-1333		Orange Safety Helmet – Type II, Class E		



HARD HATS

ADAPT TO YOUR JOBSITE

CUSTOMIZATION AVAILABLE

See page 85 for details







Front Brim Hard Hat



Quick-Adjust Ratcheting Suspension

			48-73-1020
Large Logo	Small Logo	No Logo	Description
48-73-1000	48-73-1001	_	Front Brim Vented Hard Hat w/ 4pt Ratcheting Suspension – Type I Class C
48-73-1010	48-73-1011	_	Full Brim Vented Hard Hat w/ 4pt Ratcheting Suspension – Type I Class C
48-73-1020	48-73-1021	_	Front Brim Hard Hat w/ 4pt Ratcheting Suspension – Type I Class E
48-73-1030	48-73-1031	-	Full Brim Hard Hat w/ 4pt Ratcheting Suspension – Type I Class E
48-73-1080	_	-	Hard Hat Sweat Band
48-73-1082	_	_	Hard Hat Chin Strap
48-73-1085	_	_	BOLT™ Hard Hat Marker Clip
48-73-1090	-	-	BOLT™ Hard Hat Headlamp Mount
48-73-1095	_	_	4-Point Ratchet Suspension Replacement
2111-21	-	2111-21	USB Rechargeable Hard Hat Headlamp Kit
2103	_	2103	Headlamp



SURVERYOR'S SAFETY VESTS

MAXIMUM DURABILITY CARRY MORE

CUSTOMIZATION AVAILABLE

See page 85 for details

27 POCKETS

External:

- 1 Clear ID Holder
- 2 Chest Pockets
- 4 Reinforced Pen Pockets
- 2 Hearing Protection Pockets
- 1 Tablet Pocket
- 2 Stake/Ruler Pockets
- 2 Water Bottle Pockets
- 2 Reinforced Barrel Pockets
- 2 Front Zippered Pockets
- 2 Mic Tabs

Internal:

- 3 Pen Pockets
- 1 Chest Pocket
- 1 Water Resistant Pocket
- 2 Barrel Pockets

ANSI/ISEA 107-15

TYPE R CLASS 2



Anti-Microbial Prevent odor & bacteria

Moisture Wicking Stay cool, dry fast



Tear Resistant Construction

Class 2			
Size	Yellow – ANSI	Orange – ANSI	
S/M	48-73-5161	48-73-5165	
L/XL	48-73-5162	48-73-5166	
2XL/3XL	48-73-5163	48-73-5167	
4XL/5XL	48-73-5164	48-73-5168	

PERFORMANCE SAFETY VESTS **CARRY MORE CUSTOMIZATION AVAILABLE** REINFORCED POCKETS See page 85 for details Comfortable **Padded Collar** 15 POCKETS External: ■ 1 Mic Tabs ■ 1 Clear ID Holder 2 Chest Pockets **Tear Resistant** ■ 4 Reinforced Pen Pockets Construction 2 Reinforced Barrel Pockets Woven 600D ■ 1 Tablet Pocket Internal: ■ 1 Chest Pocket 2 Barrel Pockets **ANSI/ISEA 107-15** TYPE R CLASS 2 **Internal Size Fall Protection** Adjustment Pass Through **Secure Zippered** Closure **Rear Zippered**



Rear Zippered Tablet Pocket

Reinforced Pockets and Edges

Class 2				
Size	Yellow – ANSI	Orange – ANSI	Yellow – ANSI/CSA	Orange – ANSI/CSA
S/M	48-73-5041	48-73-5051	48-73-5081	48-73-5091
L/XL	48-73-5042	48-73-5052	48-73-5082	48-73-5092
2XL/3XL	48-73-5043	48-73-5053	48-73-5083	48-73-5093
4XL/5XL	48-73-5044	48-73-5054	48-73-5084	48-73-5094

Tablet Pocket

SAFETY VESTS

SAFETY GLASSES



CARRY MORE

10 POCKETS

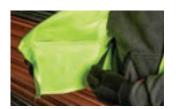
External:

- 1 Clear ID Holder
- 2 Chest Pockets
- 4 Reinforced Pen Pockets
- 2 Mic Tabs
- Internal: ■ 1 Chest Pocket

ANSI/ISEA 107-15

TYPE R CLASS 2

ANSI/ISEA 107-15 **TYPE R CLASS 2**



Quickly Adjust Size

CUSTOMIZATION AVAILABLE

See page 85 for details

Fall Protection Pass Through

Internal Size

Adjustment

Orange -

48-73-5071

48-73-5072

48-73-5073

48-73-5074





ANSI/CSA Safety Vests

Class 3		
Size	Yellow – ANSI	Orange – ANSI
S/M	48-73-5141	48-73-5145
L/XL	48-73-5142	48-73-5146
2XL/3XL	48-73-5143	48-73-5147
4XL/5XL	48-73-5144	48-73-5148

Fall Protection

Pass Through

Anti-Microbial

Also Available:

ANSI/CSA Breakaway

Mesh Safety Vest

Prevent odor

& bacteria

CUSTOMIZATION AVAILABLE

See page 85 for details

MESH SAFETY VESTS

Secure Zippered

48-73-5021

48-73-5022

48-73-5023

48-73-5024

Closure

S/M

L/XL

2XL/3XL

4XL/5XL

STAY COOL ANTI ODOR

9 POCKETS

External:

- 1 Clear ID Holder
- 2 Chest Pockets
- 3 Reinforced Pen Pockets
- 2 Mic Tabs
- Internal: ■ 1 Chest Pocket

ANSI/ISEA 107-15

TYPE R CLASS 2

ANSI/ISEA 107-15 TYPE R CLASS 2

Moisture Wicking

Stay Cool, Dry Fast



48-73-5031

48-73-5032

48-73-5033

48-73-5034

48-73-5061

48-73-5062

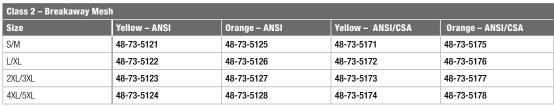
48-73-5063

48-73-0164

Secure Zippered Closure

Class 2 – Mesh		
Yellow – ANSI	Orange – ANSI	
48-73-5111	48-73-5115	
48-73-5112	48-73-5116	
48-73-5113	48-73-5117	
48-73-5114	48-73-5118	
	48-73-5111 48-73-5112 48-73-5113	

Class 3 – Mesh		
Size	Yellow – ANSI	Orange – ANSI
S/M	48-73-5131	48-73-5135
L/XL	48-73-5132	48-73-5136
2XL/3XL	48-73-5133	48-73-5137
4XL/5XL	48-73-5134	48-73-5138



PERFORMANCE SAFETY GLASSES w/ GASKET

ADVANCED PROTECTION. **ULTIMATE PERFORMANCE.**

Case Included







Removable Gasket Protects against debris

Lens Color	Packaging Style – Blister Card	Packaging Style – Bag
Polarized	48-73-2045	48-73-2046
Clear	48-73-2040	48-73-2041

Withstands projectile shot at 725 ft/sec

Clear

AVAILABLE LENSES

Yellow

Tinted

Clear

Grav

Polarized

PERFORMANCE SAFETY GLASSES w/ GASKET

HIGH IMPACT **FOG-FREE LENSES**





Lasting Fog-Free Lenses

Lens Color	Packaging Style – Blister Card	Packaging Style – Bag
Clear	48-73-2020	48-73-2021
Yellow	48-73-2120	48-73-2121
Gray	48-73-2125	48-73-2126
Tinted	48-73-2025	48-73-2026

Military Grade

Impact Protection Withstands projectile shot at 725 ft/sec

SAFETY GLASSES

HEAD PROTECTION & VEST CUSTOMIZATION

SAFETY GLASSES - FOG FREE LENSES

FOG-FREE ALL DAY COMFORT









Lens Color		Packaging Style – Bag
Clear	48-73-2012	48-73-2013
Yellow	48-73-2102	48-73-2103

	Lens Color	Packaging Style – Blister Card	Packaging Style – Bag
	Gray	48-73-2107	48-73-2108
	Tinted	48-73-2018	48-73-2020

SAFETY GLASSES - ANTI-SCRATCH LENSES

ANTI-SCRATCH ALL DAY COMFORT











AVAILABLE LENSES

Yellow

Tinted

Clear

Gray

+1.0 - +3.0



Anti-Scratch Hard Coat Protects Lenses

Lens Color	Packaging Style – Blister Card	Packaging Style – Bag
Clear	48-73-2010	48-73-2011
Yellow	48-73-2100	48-73-2101
Gray	48-73-2105	48-73-2106
Tinted	48-73-2015	48-73-2016

Lens Color	Packaging Style – Blister Card	Packaging Style – Bag
+1.0 Magnified Clear	48-73-2200	48-73-2201
+1.5 Magnified Clear	48-73-2202	48-73-2203
+2.0 Magnified Clear	48-73-2204	48-73-2205
+2.5 Magnified Clear	48-73-2206	48-73-2207
+3.0 Magnified Clear	48-73-2208	48-73-2209

MILWAUKEE® enables you to add logos or taglines to your hard hat and safety vest. The order process makes it easy to customize your PPE with long lasting prints.

HEAD PROTECTION CUSTOMIZATION

Hard Hat Logo Placement

Up to 4 locations







Safety Vest – ANSI



Logo Size

Hard Hat Logo Size Front/Back 2.5" W x 2" H Sides 2.5" W x 2" H

PRINT UP TO 4 COLORS

SAFETY VEST CUSTOMIZATION

Safety Vest Logo Placement

Up to 2 locations







Left Pocket 3" W x 2.5" H 9" W x 9" H Performance Safety Vest – ANSI Logo Size Left Pocket 3" W x 2.5" H 10" W x 6" H Back Safety Vest – ANSI/CSA Logo Size Left Pocket 3" W x 2.5" H Lower Back 15" W x 6" H Performance Safety Vest – ANSI/CSA Logo Size Left Pocket 3" W x 2" H Lower Back 15" W x 6" H

PRINT UP TO 2 COLORS

HOW TO SUBMIT ORDER

- 1. Place order through Sales Representative, Customer Experience, or MILWAUKEE® Connect
- 2. Once order is placed, an email will be sent with a link to the logo upload process
- 3. You will then receive an email with a link to review and approve a proof

LEAD TIME

- Artwork Proof will be sent within 1 business day after finishing the logo upload process
- Order will be fulfilled within 14 21 days from proof approval

ORDER MINIMUMS

- Hard Hats: Minimum order quantity of 36, must add in increments of 18
- Safety Vests: Minimum order quantity of 36, must add in increments of 36

MORE INFORMATION

■ Email CXCustomSafety@milwaukeetool.com with questions

Once artwork is approved by the customer, the order cannot be canceled. Lead times are based on artwork approval date, not order date. If customer fails to approve artwork, order may be delayed. Orders placed with a mismatch on number of colors, locations, or logos will need to have the artwork updated or the order re-entered. Images may have some distortion on curved surfaces - the printer can accommodate for some, but it may not turn out the same as the flat image.



N95 VALVED RESPIRATORS







Also Available:



N95 Valved Respirator

N95 VALVED RESPIRATOR w/ GASKET

86

W/ GASKET	
Model # Description	
48-73-4001 N95 Valved Respirator w/ Gasket	
48-73-4002	3 Pk N95 Valved Respirator w/ Gasket
48-73-4004	10 Pk N95 Valved Respirator w/ Gasket

N95 VALVED RESPIRATOR

Model #	Description
48-73-4011	N95 Valved Respirator
48-73-4012	3 Pk N95 Valved Respirator
48-73-4014	10 Pk N95 Valved Respirator

BANDED EAR PLUGS

ALL DAY COMFORT VERSATILE WEAR





Low Profile Band

Model #	Description
48-73-3201	Banded Ear Plugs
48-73-3205	5 Pairs Replaceable Banded Flanged Ear Plugs
48-73-3206	5 Pairs Replaceable Banded Foam Ear Plugs

REUSABLE CORDED EAR PLUGS

48-73-3151

Comfortable,

Foam & flanged ear plugs included

ALL DAY COMFORT

NRR **26**





This	1
Soft Comfortable Silicone)

ili	icone		0	– Quick Fit Design	
	Description				
	3 Pk Reusable Corded Ear Plugs				

Corded Quick access

Quick Expanding

EAR PLUGS

ALL DAY COMFORT



apered Shape ———		0—
oft Comfortable ——		

Model #	Description
48-73-3001	10 Pair Ear Plugs
48-73-3005	100 Pair Ear Plugs
48-73-3006	100 Pair Ear Plugs (Individually Wrapped)

Expands to Fit a Variety of Sizes milwaukeetool.com 87

WORK GLOVES

LEATHER GLOVES & WORK GLOVES

DEMOLITION GLOVES

5X LONGER LIFE

TPR Knuckle Protection ARMORTEX® Reinforced Thumb. Fingers and Padded Palm **Breathable Lining** & Mesh Backing **Terry Cloth Sweat Wipe**



Touch Screen Compatible Knuckle

Model #	Description
48-22-8735	Demolition Gloves S
48-22-8731	Demolition Gloves M
48-22-8732	Demolition Gloves L

Model #	Description
48-22-8733	Demolition Gloves XL
48-22-8734	Demolition Gloves XXL

PERFORMANCE GLOVES

ULTIMATE DURABILITY. ALL DAY COMFORT.

Also Available:



Performance Fingerless Gloves



Touch Screen Compatible Fingertips, Palm & Knuckle

High Dexterity — Finger Tips	
Reinforced ——	
Thumb Seam	Purethable Living
	Breathable Lining
	1 The state of the
	4
Terry Cloth ——	
Terry Cloth Sweat Wipe	

Model #	Description
48-22-8725	Performance Gloves S
48-22-8721	Performance Gloves M
48-22-8722	Performance Gloves L
48-22-8723	Performance Gloves XL
48-22-8724	Performance Gloves XXL

High Dexterity Finger Tips

Reinforced

Terry Cloth Sweat Wipe

Free-Flex

Elastic Cuff

Thumb Seam

Model #	Description
48-22-8745	Performance Fingerless Gloves S
48-22-8741	Performance Fingerless Gloves M
48-22-8742	Performance Fingerless Gloves L
48-22-8743	Performance Fingerless Gloves XL
48-22-8744	Performance Fingerless Gloves XXL

FREE-FLEX GLOVES

ULTIMATE DURABILITY. ALL DAY COMFORT.



Touch Screen Compatible Fingertips, Palm & Knuckle

Model #	Description
48-22-8715	Free-Flex Gloves S
48-22-8711	Free-Flex Gloves M
48-22-8712	Free-Flex Gloves L

Model #	Description
48-22-8713	Free-Flex Gloves XL
48-22-8714	Free-Flex Gloves XXL

GOATSKIN LEATHER GLOVES

COMFORTABLE LEATHER. REINFORCED PALM.



SMARTSWIPE" **Touch Screen** Compatible Fingertips & Palms

Soft Top Grain Goatskin Leather

SMARTSWIPE™ Knuckle

ize	1 Pair	12 Pair (Contractor Pack)
	48-73-0010	48-73-0010B
1	48-73-0011	48-73-0011B
	48-73-0012	48-73-0012B

Size	1 Pair	12 Pair (Contractor Pack)
XL	48-73-0013	48-73-0013B
XXL	48-73-0014	48-73-0014B

IMPACT DEMOLITION GLOVES

IMPACT PROTECTION. REINFORCED DURABILITY.

ANSI / ISEA 138

Reinforced w/ **ARMORTEX®**

Padded Palm

Vibration dampening



Secure Hook & Loop Closure

Waterproof & Windproof Layer

Size	1 Pair	12 Pair (Contractor Pack)
S	48-22-8750	48-22-8750B
М	48-22-8751	48-22-8751B
L	48-22-8752	8-22-8752B

Size	1 Pair	12 Pair (Contractor Pack)
XL	48-22-8753	48-22-8753B
XXL	48-22-8754	48-22-8754B

WINTER DEMOLITION GLOVES

М

L

ALL DAY WARMTH. REINFORCED DURABILITY.



Knuckle Waterproof &

Windproof Layer



ze	1 Pair	12 Pair (Contractor Pack)
	48-73-0040	48-73-0040B
	48-73-0041	48-73-0041B
	48-73-0042	48-73-0042B

Size	1 Pair	12 Pair (Contractor Pack)
XL	48-73-0043	48-73-0043B
XXL	48-73-0044	48-73-0044B



WINTER PERFORMANCE GLOVES

ALL DAY WARMTH.





Durable Reinforced Palm and Fingertips

Size	1 Pair	12 Pair (Contractor Pack)
S	48-73-0030	48-73-0030B
M	48-73-0031	48-73-0031B
L	48-73-0032	48-73-0032B

Double Dipped

Warm Acrylic

Terry Cloth Liner

XXL

Latex

Size	1 Pair	12 Pair (Contractor Pack)
XL	48-73-0033	48-73-0033B
XXL	48-73-0034	48-73-0034B

High Dexterity

15GA Nylon

Breathable

Backing

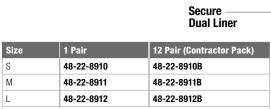
48-22-8914B

CUT LEVEL 1 WINTER DIPPED GLOVES

ULTIMATE WARMTH. ALL DAY COMFORT.







er · Pack)			Color-Coded Bands Easy cut rating identification
	Size	1 Pair	12 Pair (Contractor Pack)
	XL	48-22-8913	48-22-8913B

48-22-8914

CUT LEVEL 3 WINTER DIPPED GLOVES

ULTIMATE WARMTH. ALL DAY COMFORT.





1 7	Size	1 Pair	12 Pair (Contractor Pack)
	S	48-22-8920	48-22-8920B
/	M	48-22-8921	48-22-8921B
	L	48-22-8922	48-22-8922B



Size	1 Pair	12 Pair (Contractor Pack)
XL	48-22-8923	48-22-8923B
XXL	48-22-8924	48-22-8924B

CUT LEVEL 1 NITRILE DIPPED GLOVES

ULTIMATE DURABILITY. ALL DAY COMFORT.





Size	1 Pair	12 Pair (Contractor Pack)
S	48-22-8900	48-22-8900B
M	48-22-8901	48-22-8901B
L	48-22-8902	48-22-8902B
XL	48-22-8903	48-22-8903B



Nylon/Lycra Liner All day comfort

Breathable Backing

Color-Coded Bands Easy cut rating

Best-In-Class

Puncture Resistance

Breathable

Color-Coded Bands Easy cut rating identification

Size I Pair 12 Pair (Guilleactur Pack)	
Size 1 Pair 12 Pair (Contractor Pack)	

CUT LEVEL 3 NITRILE DIPPED GLOVES

ULTIMATE DURABILITY. ALL DAY COMFORT.





SMARTSWIPE™ Touch Screen Compatible Fingertips & Palms

Nitrile Web Grip Comfort

Compatible

Index Finger

Fingertips

Better grip



Size	1 Pair	12 Pair (Contractor Pack)
S	48-22-8930	48-22-8930B
M	48-22-8931	48-22-8931B
L	48-22-8932	48-22-8932B

Size	1 Pair	12 Pair (Contractor Pack)
XL	48-22-8933	48-22-8933B
XXL	48-22-8934	48-22-8934B

CUT LEVEL 5 NITRILE DIPPED GLOVES

ULTIMATE DURABILITY. ALL DAY COMFORT.





SMARTSWIPE" **Touch Screen** Compatible **Fingertips & Palms**

Double Dipped Nitrile Coating Best-in-class durability

Size	1 Pair	12 Pair (Contractor Pack)
S	48-22-8950	48-22-8950B
M	48-22-8951	48-22-8951B
L	48-22-8952	48-22-8952B



Puncture Resistance

Best-In-Class

Breathable Backing

Color-Coded Bands Easy cut rating

Size	1 Pair	12 Pair (Contractor Pack)
XL	48-22-8953	48-22-8953B
XXL	48-22-8954	48-22-8954

CUT GLOVES



HIGH VISIBILITY CUT LEVEL 2 POLYURETHANE DIPPED GLOVES

BETTER FIT. BETTER PROTECTION.







15 Gau	
Better	Dexterity

Reinforced **Nitrile Coating**

High Performance Added protection

Polyurethane -

12 Pair (Contractor Pack)

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SMARTSWIPE™ Touch Screen Compatible Fingertips & Palms

Light and **Breathable Back**

Color-Coded Bands Easy cut rating dentification

Size	1 Pair	12 Pair (Contractor Pack)
XL	48-73-8923	48-73-8923B
XXL	48-73-8924	48-73-8924B

HIGH VISIBILITY CUT LEVEL 3 POLYURETHANE DIPPED GLOVES

48-73-8920B

48-73-8921B

48-73-8922B

BETTER FIT. **BETTER PROTECTION.**





15 Gauge for -	_
Better Dexterit	y

Reinforced **Nitrile Coating**

High Performance Added protection

Polyurethane



Breathable Back

Color-Coded Bands Easy cut rating

Size	1 Pair	12 Pair (Contractor Pack)
S	48-73-8930	48-73-8930B
M	48-73-8931	48-73-8931B
L	48-73-8932	48-73-8932B

1 Pair 48-73-8920

48-73-8921

48-73-8922

Size	1 Pair	12 Pair (Contractor Pack)
XL	48-73-8933	48-73-8933B
XXL	48-73-8934	48-73-8934B

HIGH VISIBILITY CUT LEVEL 4 POLYURETHANE DIPPED GLOVES

Reinforced

Nitrile Coating

Polyurethane

Better fit

High Performance Added protection

BETTER FIT. **BETTER PROTECTION.**





Size	1 Pair	12 Pair (Contractor Pack)
S	48-73-8940	48-73-8940B
М	48-73-8941	48-73-8941B
L	48-73-8942	48-73-8942B



SMARTSWIPE™ **Touch Screen** Compatible **Fingertips & Palms**

Light and **Breathable Back**

Color-Coded Bands Easy cut rating identification

Size	1 Pair	12 Pair (Contractor Pack)
XL	48-73-8943	48-73-8943B
XXL	48-73-8944	48-73-8944B

LEATHER PERFORMANCE GLOVES

DURABLE PALM. LIGHTWEIGHT DESIGN.



SMARTSWIPE™ Touch Screen Compatible Fingertips & Knuckles

Breathable Back

Secure Hook & **Loop Closure**



Secure Loop & Closure

Size	1 Pair	12 Pair (Contractor Pack
3	48-73-0020	48-73-0020B
М	48-73-0021	48-73-0021B
_	48-73-0022	48-73-0022B

Size	1 Pair	12 Pair (Contractor Pack)
XL	48-73-0023	48-73-0023B
XXL	48-73-0024	48-73-0024B

IMPACT CUT LEVEL 3 GOATSKIN LEATHER GLOVES

IMPACT PROTECTION. COMFORTABLE LEATHER.





Reinforced Palm Lasts longer

Goatskin Leather

Keystone Thumb Added mobility



Impact Rated Enhanced TPR

Soft Top Grain Goatskin Leather



Size	1 Pair	12 Pair (Contractor Pack)
S	48-22-8770	48-22-8770B
M	48-22-8771	48-22-8771B
L	48-22-8772	48-22-8772B

Size	1 Pair	12 Pair (Contractor Pack)
XL	48-22-8773	48-22-8773B
XXL	48-22-8774	48-22-8774B

IMPACT CUT LEVEL 5 GOATSKIN LEATHER GLOVES

IMPACT PROTECTION. COMFORTABLE LEATHER.





Soft Top Grain Goatskin Leather

Gunn Cut Added comfort

Reinforced Palm Lasts longer



Keystone Thumb Added mobility

Impact Rated

Enhanced TPR

12 Pair (Contractor Pack) 1 Pair 48-22-8780 48-22-8780B 48-22-8781 48-22-8781B 48-22-8782 48-22-8782B 48-22-8783 48-22-8783B

Size	1 Pair	12 Pair (Contractor Pack)
XXL	48-22-8784	48-22-8784B



Milwaukee

IMPACT CUT LEVEL 3 NITRILE DIPPED GLOVES

IMPACT PROTECTION. HIGH DEXTERITY.







Size	1 Pair	12 Pair (Contractor Pack)
S	48-22-8970	48-22-8970B
М	48-22-8971	48-22-8971B
L	48-22-8972	48-22-8972B

Size	1 Pair	12 Pair (Contractor Pack)
XL	48-22-8973	48-22-8973B
XXL	48-22-8974	48-22-8974B

IMPACT CUT LEVEL 5 NITRILE DIPPED GLOVES

IMPACT PROTECTION. HIGH DEXTERITY.







Color-Coded Bands
Easy cut rating

Impact Rated

Enhanced TPR

CE EN388

4X44EP

Size	1 Pair	12 Pair (Contractor Pack)
S	48-73-8980	48-73-8980B
M	48-73-8981	48-73-8981B
L	48-73-8982	48-73-8982B

Size	1 Pair	12 Pair (Contractor Pack)
XL	48-73-8983	48-73-8983B
XXI	48-73-8984	48-73-8984B



Nitrile Coated Better Grip



SMARTSWIPE™ Touchscreen Compatible Fingertips



Color Coded BandsEasy Cut Rating Identification

FREE-FLEX

LIGHTWEIGHT COMFORT



	100
100	
	SEL
	20

Model # Description
48-73-6000 Free-Flex Knee Pads

HARD CAP GEL







Model # Description

48-73-6010 Hard Cap Gel Knee Pads







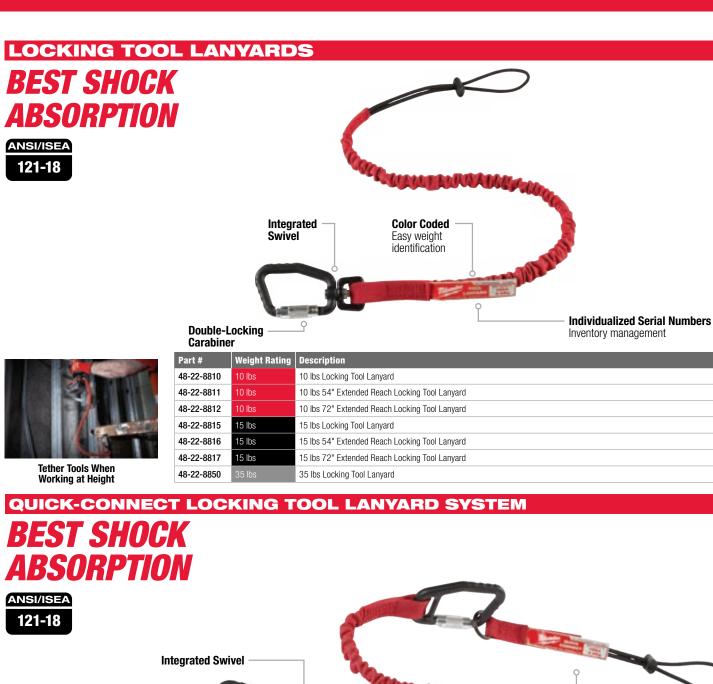
STABILIZER PERFORMANCE

Large Flat Cap for Increase Stability

48-73-6050



Stabilizer Performance Knee Pads







Easy weight

identification

VA	· K
Tool Obanes	

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QUIUN	IUUI	Ullaliuc	vul

Part #	Weight Rating	Description
48-22-8820	10 lbs	10 lbs Quick-Connect Locking Tool Lanyard
48-22-8822	5 lbs	3 Pc 5 lbs Quick-Connect Lanyard Accessory
48-22-8823	10 lbs	3 Pc 10 lbs Quick-Connect Lanyard Accessory

LANYARD ACCESSORIES

ANCHOR STRAP

TETHER MORE TOOLS, **MORE PLACES**

121-18





Model #	Weight Rating	Description
48-22-8855	50 lbs	50 lbs Anchor Stran

WRIST LANYARDS

ALL DAY COMFORT





N	Model #	Weight Rating	Description
4	8-22-8830	5 lbs	5 Pc Wrist Lanyard
4	18-22-8835	5 lbs	5 lbs Quick-Connect Wrist Lanyard

HARD HAT LANYARDS

BEST SHOCK ABSORPTION

ANSI/ISEA 121-18







Anchors to Shirt and Vest

Model #	Description
48-22-8800	Hard Hat Lanyard w/ Clip
48-22-8801	Hard Hat Lanyard w/ Loop

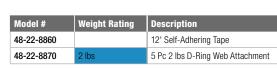
TAPE & D-RING WEB ATTACHMENTS

EASILY CONNECT



48-22-8860	

	Minneku	H
48-22-8871		



Model #	Weight Rating	Description
48-22-8871	5 lbs	5 Pc 5 lbs D-Ring Web Attachment

SPLIT RINGS

EASILY CONNECT











5 lbs Quick-Connect Wrist Lanyard

Model #	Weight Rating	Description
48-22-8880	2 lbs	5 Pc 2 lbs 3/4" Split Ring
48-22-8881	2 lbs	5 Pc 2 lbs 1" Split Ring
48-22-8882	2 lbs	5 Pc 2 lbs 1-1/2" Split Ring
48-22-8883	2 lbs	5 Pc 2 lbs 2" Split Ring



3-LAYER PERFORMANCE FACE MASK

ALL DAY COMFORT. BETTER FIT.





Protective Barrier

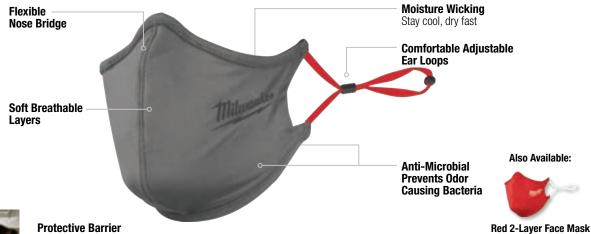
Helps reduce the transmission of airborne contaminants

Model #	Description
48-73-4234	3-Layer Performance Face Mask – S/M
48-73-4235	3 Pk 3-Layer Performance Face Mask – S/M
48-73-4236	10 Pk 3-Layer Performance Face Mask – S/M

Model #	Description	
48-73-4237	3-Layer Performance Face Mask – L/XL	
48-73-4238	3 Pk 3-Layer Performance Face Mask – L/XL	
48-73-4239	10 Pk 3-Layer Performance Face Mask – L/XL	

2-LAYER FACE MASK

LIGHTWEIGHT & BREATHABLE





Soft Breathable Layers

Helps reduce the transmission of airborne contaminants

Model #	Description
48-73-4230	Gray 2-Layer Face Mask
48-73-4231 3 Pk (3 Pk Gray 2-Layer Face Mask
48-73-4232	10 Pk Gray 2-Layer Face Mask

Model #	Description
48-73-4227	Red 2-Layer Face Mask
48-73-4228	3 Pk Red 2-Layer Face Mask
48-73-4229	10 Pk Red 2-Layer Face Mask

- **TAPE MEASURES LONG TAPES & MEASURING WHEELS REDSTICK™ LEVELS** 5 **SQUARES & LASER DISTANCE METERS FOLDING RULES & CHALK REELS INKZALL™ JOBSITE MARKERS** 10 INKZALL™ PAINT MARKERS, PENS & HIGHLIGHTERS 11 **FASTENING PLIERS** 12 13 **FASTENING & CUTTING PLIERS** 14 **CUTTING PLIERS COMBINATION & MULTI-FUNCTION PLIERS** 15 **APPLICATION SPECIFIC PLIERS** 16 17 TORQUE LOCK™ PLIERS, C-CLAMPS & SPECIALTY 19 **PIPE WRENCHES** 21 **ADJUSTABLE & BASIN WRENCHES RATCHET & SOCKET SETS** 22 23 **RATCHETING COMBINATION WRENCHES** 25 **FLEX HEAD COMBINATION WRENCHES** 26 **RATCHETS HOOK AND PICK SET & MULTI-BIT DRIVERS** 29 30 **MULTI-BIT DRIVERS** 31 **NAIL PULLERS, PRY BARS, DRILLING HAMMER** 32 **SCREWDRIVERS DEMO DRIVERS & SCREWDRIVERS** 33 34 **NUT DRIVERS** 35 **HAMMERS & FIXED BLADE KNIVES** 36 **LINEMAN, FIXED BLADE, & POCKET KNIVES** FASTBACK™ POCKET & FOLDING KNIVES **37 FASTBACK™ FOLDING & UTILITY KNIVES** 38 39 **FASTBACK™ POCKET & FOLDING KNIVES** 40 **UTILITY KNIVES UTILITY BLADES** 41 42 **UTILITY, SAFETY, & SNAP-OFF KNIVES** 43 **INSULATION & DUCT KNIVES** 44 SAWS 45 **AVIATION SNIPS TINNERS** 46 **SCISSORS & BOLT CUTTERS** 47 48 **BOLT CUTTERS** 49 **HACKSAWS LINEMAN'S WRENCHES** 50 51 **RATCHETING BOX WRENCHES TUBING/PIPE CUTTERS & REAMING PEN COPPER TUBING CUTTERS LOW VOLTAGE VDV**
- **52** 53 55 **57 CONDUIT BENDERS**
- 58 **FISH TAPES** PACKOUT™ MODULAR STORAGE **59** 68 **BAG & ROLLING BAGS**
- 69 **COOLER & BACKPACK** 70 **BACKPACKS**
- 71 **ORGANIZERS 73 WORK BELTS & UTILITY POUCHES**
- **7**5 **POWER UTILITY STORAGE**
- **78 SAFETY HELMETS 79 HARD HATS**
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- 95 **KNEE PADS** 97 **LANYARDS**
- 99 LANYARD ACCESSORIES
- 100 **FACE MASKS**



MILWAUKEE TOOL 13135 West Lisbon Road Brookfield, WI 53005



2021 CORDLESS CATALOG











IN CORDLESS INNOVATION







DEDICATION TO THE TRADES

Since the company began in 1924, Milwaukee Tool has led the industry in both durability and performance. With an unwavering commitment to the trades, MILWAUKEE® continues to lead with a focus on providing innovative, cordless, trade-specific solutions. MILWAUKEE® is dedicated to delivering a steady stream of advanced solutions for the trades that offer increased productivity and unmatched durability.

GAME-CHANGING SOLUTIONS

At MILWAUKEE® the phrase "good enough" doesn't exist in our vocabulary. Our goal is to solve problems in ways that have never been done before. The result: tools and equipment that offer unmatched levels of performance, productivity and durability.



BUILT ON THE BEST FOUNDATION



REDLITHIUM[™]

They last longer, think faster and work harder than all other professional LITHIUM-ION batteries. Built to withstand even the harshest environments, REDLITHIUM™ Batteries deliver more work over the life of the battery, no matter what the job.



MILWAUKEE® HIGH PERFORMANCE

Highly advanced motor technology boosts efficiency, generating more power from a compact power source. That means the ultimate performance, durability and run-time comes in a smaller, lighter package.



REDLINK[™]

An advanced combination of hardware and software, REDLINK™ Intelligence enables full-circle communication between our batteries and tools, allowing for unmatched levels of performance, protection and productivity.



USER-DRIVEN INNOVATIONS

Instead of making assumptions about what users need, we set out to deliver disruptive innovation by getting out on the jobsite, alongside trade professionals, to understand their challenges – the frustrations, needs, and previous limitations. We set out to completely rethink a solution with new-to-world technology and unparalleled levels of design and engineering. Whether it's bringing cordless power to traditionally corded or gas products and manual activities, or advances to fundamental tools and equipment, we are dedicated to improving workplace productivity and safety.



M18™ FORCE LOGIC™ Press Tool w/ ONE-KEY™

THE SMALLEST, MOST INTELLIGENT PRESS TOOL

The M18™ FORCE LOGIC™ Press Tool w/ ONE-KEY™ is the industry's smallest, most intelligent press tool. With an in-line design and brushless motor, it achieves more run-time per charge and faster cycle times while being significantly smaller and nearly 20% lighter than the leading competitor. The M18™ FORCE LOGIC™ Press Tool w/ ONE-KEY™ and compatible jaws are designed to work with over 20 unique fitting systems offering 1/2" to 4" capacity. With the addition of ONE-KEY™ compatibility, the press tool automatically logs and wirelessly uploads connection data from every press made with the tool which can be passed onto key stakeholders through customizable reports.



M12 FUEL™ 3/8" Digital Torque Wrench w/ ONE-KEY™

50% FASTER

ACCURACY UP TO +/- 2%

FASTER, MORE PRODUCTIVE

The M12 FUEL™ Digital Torque Wrench w/ ONE-KEY™ is the industry's first torque wrench with a motor, delivering increased productivity, precise torque accuracy, and user demanded reporting functionality. The torque wrench delivers up to 50% faster installation time, replacing the hand tool or two tool installation process and providing accuracy within 2% for torque critical fasteners. This battery powered torque wrench is equipped with MILWAUKEE® ONE-KEY™, giving you the power to record all the fasteners and produce a downloadable report via ONE-KEY™.



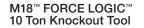
M18 FUEL™ 8-1/4" Table Saw w/ ONE-KEY™



24½" RIP CAPACITY

600 LFT PER CHARGE

The world's first 18V table saw, the M18 FUEL™ 8-1/4" Table Saw w/ ONE-KEY™ generates the power of a 15 amp corded saw. With a rip capacity up to 24-1/2" and a vertical capacity up to 2-1/2" to tackle 2x dimensional lumber, this saw boasts the impressive capacity that users have come to expect on a traditional corded table saw. Equipped with ONE-KEY™, users can also easily track, manage, and secure the table saw through the ONE-KEY™ app on their phone.



THE EASIEST WAY TO PUNCH

The MILWAUKEE® Knockout System makes every step in the hole making process both faster and easier. The EXACT™ Punches and Dies are set up separate from the tool for extreme ease of use, utilizing a quick-connect alignment system that allows users to snap the tool onto the punches and dies without fighting against its weight and pull the trigger to punch the hole with ease.



M18 FUEL™ 1" D-Handle Extended Anvil High Torque Impact Wrench w/ ONE-KEY™

UP TO 2,000 FT-LBS NUT-BUSTING TORQUE 200 BOLTS PER CHARGE

ELIMINATES COMPRESSORS & HOSES

Our M18 FUEL™ 1" D-Handle Extended Anvil High Torque Impact Wrench w/ ONE-KEY™ is engineered for the performance, run-time, and unmatched portability heavy duty technicians demand. The POWERSTATE™ Brushless Motor delivers up to 2,000 ft-lbs of nut-busting torque and 1,900 ft-lbs of fastening torque, enabling you to complete the most demanding applications. With the run-time for up to 120 lug nut removals and installations on a single HIGH OUTPUT™ HD12.0 Battery, this portable impact wrench provides unmatched performance. Lug Nut Mode, which can be enabled through the ONE-KEY™ app, prevents the over-torque of lug nuts by automatically shutting off the tool, providing more control. The REDLINK PLUS™ Intelligence ensures you achieve maximum performance and protects the High Torque Impact Wrench against overloads, over-heating, and over-discharge.



MX FUEL™ 14" Cut-Off Saw

INSTANT START, ZERO EMISSIONS

NO GAS FASTEST CUTS FROM START TO FINISH

The MX FUEL™ 14" Cut-Off Saw delivers instant starts and zero emissions while providing you with no gas headaches, fastest cuts from start to finish, and can cut 6 ft of concrete or 72 cuts in #5 rebar per charge. By providing a 5" cut depth and eliminating the hassle of pull starts, the MX FUEL™ 14" Cut-Off Saw helps you maximize your productivity in every application. The MX FUEL™ REDLITHIUM™ Battery Pack provides instant power with less noise and vibration, and zero emissions for a safer workspace indoors or outdoors.

6FT INCONCRE

72 CUTS IN REBAR

M18 FUEL™ Pipe Threader w/ ONE-KEY™

AUTOSTOP** SIDE-GRIP KICKBACK CONTROL THREAD START

SIDE-GRIP FASTER THAN CORDED

The M18 FUEL™ Pipe Threader w/ ONE-KEY™ revolutionizes pipe threading. Featuring AUTOSTOP™ kickback control, the tool protects against severe kickback. This, combined with the integrated side-grip for easier thread starts, delivers unrivaled tool control. The world's first cordless pipe threader threads faster than corded alternatives and delivers unmatched productivity.





M18™ FORCE LOGIC™ 10.000 PSI Hydraulic Pump

THE EASIEST WAY TO POWER HYDRAULICS

The M18™ FORCE LOGIC™ 10,000 PSI Hydraulic Pump is designed to be fully compatible with all existing 10,000 PSI rated hydraulic hoses and heads. Delivering the easiest set-up, at up to 80% smaller and up to 75 lbs lighter than gas units, the pump can easily be carried by a single person. Delivering 3X the flow rate of competitive cordless pumps; 24-second cycle times and up to 60 presses on a single battery on 1590 ACSR connectors, the pump provides gas-like performance.

3

THE WORLD LEADER IN CORDLESS INNOVATION

Milwaukee Tool is committed to driving unrivaled performance and productivity for the professional trades through our groundbreaking developments in cordless technology.

Our leadership in cordless innovation has helped to shape the industry. We were the first to introduce LITHIUM-ION technology to power tools, and have achieved significant leaps forward

This leadership allows us to continue providing a steady stream of solutions that



REDLITHIUM BATTERIES

POWERSTATE BRUSHLESS MOTORS

HIGH PERFORMANCE

MILWAUKEE's high performance POWERSTATE™ Brushless Motors contain top-grade rare earth magnets and greater copper content, delivering more power and torque for superior application performance.

PURPOSE BUILT

Each motor is uniquely engineered for the demands of the tool.

Motor-optimization ensures the perfect combination of performance, portability and productivity.



POWERSTATE™ BRUSHLESS MOTORS



LIGHT APPLICATIONS

LONGER MORE MORE RUN-TIME

CELL TECHNOLOGY

Not all batteries are created equal. In our world-class battery lab, battery cells are engineered to deliver the highest performing packs on the jobsite.

PACK CONSTRUCTION

Unique patented designs protect every REDLITHIUM™ Battery, safeguarding your investment through drops, weather exposure, and harsh environments.

ROBUST ELECTRONICS

Innovative communication systems monitor cells, providing temperature and overload protection, while optimizing performance for every tool and battery combination.



RUN-TIME BATTERY LIFE



DURABILITY

Best-in-class thermal and overload monitoring protects tools in extreme jobsite conditions.

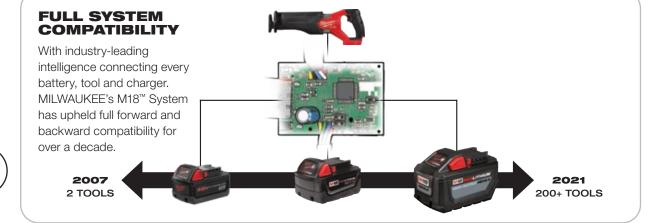
PRODUCTIVITY

Advanced communication features, such as DRIVE CONTROL™, allow users to quickly move from light to heavy applications with the touch of a button.

ONETKEY

Get more out of your tools and equipment than ever before with integrated tool tracking, security and customization. ONE-KEY™ combines smarter tools with the industry's only free-to-use inventory management program.





UNMATCHED

ONETKEY

OPTIMIZED

PROTECTION PERFORMANCE PRODUCTIVITY



THE WORLD LEADER IN CORDLESS INNOVATION



UNLOCKING THE DIGITAL JOBSITE



PORTABLE PRODUCTIVITY.

TRADE FOCUSED. SYSTEM WIDE.

Pages 9 - 36



PERFORMANCE DRIVEN.

TRADE FOCUSED. SYSTEM WIDE.

Pages 37 - 82



EQUIPMENT REDEFINED.

TRADE FOCUSED. SYSTEM WIDE.

Pages 83 - 94



Manage your assets

your way













PORTABLE PRODUCTIVITY TRADE FOCUSED SYSTEM WIDE





ALL M12 TOOLS FIT M12 BATTERIES

125+ TOOLS



DRIVEN TO OUTPERFORM.

M12 FUEL™ is engineered for the most demanding tradesmen in the world.

M12 FUEL™ delivers unrivaled performance in a compact structure and features three MILWAUKEE® exclusive innovations – the POWERSTATE™ Brushless Motor, REDLITHIUM™ Battery Pack and REDLINK PLUS™ Intelligence Hardware and Software – that deliver unmatched power, run-time and durability.

Simply put, M12 FUEL™ is best-in-class, full-circle technology that drives, protects and powers your cordless tools beyond the rest.



LONGER MORE MORE POWER RUN-TIME



POWERSTATE™ BRUSHLESS MOTOR

- MILWAUKEE® Designed and Built Brushless Motor
- Outperforms All Leading Competitors
- Up to 10X Longer Motor Life





PEDLINK PLUST INTELLIGENCE

- Most Advanced Electronic System on the Market for Maximum Performance
- Total System Communication with Overload Protection Increases Tool Life
- Built-In Fuel Gauge Displays Remaining Charge



REDLITHIUM CP2.0 & XC4.0 BATTERY PACKS

- Up to 2X More Run-Time
- Up to 20% More Power
- Over 2X More Recharges than Leading Competitors
- Operates Below -18°C / 0°F







M12 FLEL

1/2" Hammer Drill/Driver Kit

2504-22 (2504-20 Tool-Only)

Specifications:

Peak Torque	350 in-lbs
RPM	0 – 1,700
BPM	0 – 25,500
Chuck Type	1/2" Metal Single Sleeve – Ratcheting Chuck
Length / Weight	6.6" / 2.3 lbs

Includes: (1) M12[™] REDLITHIUM[™] XC4.0 Battery Pack. (1) M12™ REDLITHIUM™ CP2.0 Battery Pack, Belt Clip, Charger, Carrying Case

M12™ 3/8" Hammer **Drill/Driver Kit**

2408-22 (2408-20 Tool-Only)

Specifications:

Peak Torque	275 in-lbs
RPM	0 - 400 / 0 - 1,500
BPM	0 – 22,500
Chuck Type	3/8" Metal Single Sleeve
Length / Weight	7.5" / 2.7 lbs

Includes: (2) M12[™] REDLITHIUM[™] CP1.5 Battery Packs, Belt Clip, Charger, Carrying Case

M12 FUEL 1/2" Drill/Driver Kit 2503-22 (2503-20 Tool-Only)

Specifications:

Peak Torque	350 in-lbs
RPM	0 – 1,700
Chuck Type	1/2" Metal Single Sleeve – Ratcheting Chuck
Length / Weight	6.6" / 2.3 lbs

Includes: (1) M12[™] REDLITHIUM[™] XC4.0 Battery Pack, (1) M12™ REDLITHIUM™ CP2.0 Battery Pack, Belt Clip, Charger, Carrying Case

M12 FLEL Installation **Drill/Driver Kit**

2505-22 (2505-20 Tool-Only)

Specifications:

opoomouno.		
Max Torque	300 in-lbs	
RPM (2-Mode)	0 - 400 / 0 - 1,600	The same of
Attachments	3/8" Metal Chuck, 1/4" Hex, Offset and Ri	ght Angle
Lenath / Weight	5.1" / 2.0 lbs	

Includes: (2) M12[™] REDLITHIUM[™] CP2.0 Battery Packs, (4) Attachments (3/8" Metal Chuck, 1/4" Hex, Offset and Right Angle), Belt Clip, Charger, Compartmentalized Contractor Bag

M12™ 3/8" **Drill/Driver Kit**

2407-22 (2407-20 Tool-Only)

Specifications

Specifications:		
Peak Torque	275 in-lbs	
RPM	0 - 400 / 0 - 1,500	
Chuck Type	3/8" Metal Single Sleeve	
Lenath / Weiaht	7.4" / 2.5 lbs	

Includes: (2) M12[™] REDLITHIUM[™] CP1.5 Battery Packs, Belt Clip, Charger, Carrying Case

M12™ 3/8" Right **Angle Drill/Driver Kit**

2415-21 (2415-20 Tool-Only)

Specifications:

-	
Peak Torque	100 in-lbs
RPM	0 – 800
Clutch Settings	11 Settings plus Drill Mode
Chuck Type	3/8" Single Sleeve
Head Profile	3.8"
Weight	2.4 lbs

Includes: (1) M12[™] REDLITHIUM[™] CP1.5 Battery Pack, Charger, Soft Carrying Case

1/4" Hex 2-Speed Screwdriver Kit

2402-22 (2402-20 Tool-Only)

Specifications:

Peak Torque	325 in-lbs
RPM	0 - 450 / 0 - 1,700
Chuck Type	1/4" Hex Quick Change
Length / Weight	6.6" / 2.0 lbs

Includes: (2) M12™ REDLITHIUM™ CP2.0 Battery Packs, Belt Clip, Charger, Carrying Case

M12™ 1/4" Hex 2-Speed **Screwdriver Kit**

2406-22 (2406-20 Tool-Only)

Specifications:

Peak Torque	275 in-lbs
RPM	0 - 400 / 0 - 1,500
Chuck Type	1/4" Hex Quick Change
Length / Weight	6.8" / 1.8 lbs

Includes: (2) M12[™] REDLITHIUM[™] CP1.5 Battery Packs, Belt Clip, Charger, Carrying Case

M12™ 1/4" Hex **Screwdriver Kit**

2401-22 (2401-20 Tool-Only)

Specifications:

Peak Torque	175 in-lbs
RPM	0 – 500
Chuck Type	1/4" Hex Quick Change
Length / Weight	6.5" / 2.0 lbs

Includes: (2) M12[™] REDLITHIUM[™] CP1.5 Battery Packs, Belt Clip, Charger, Soft Carrying Case

M12 FUEL 1/4" Hex Impact Driver Kit

2553-22 (2553-20 Tool-Only)

Specifications:

Specifications.		
Fastening Torque	1,300 in-lbs	
IPM	0 – 4,000	
RPM	0 – 3,300	
Chuck Type	1/4" Hex Quick Change	
Length / Weight	5.1" / 1.8 lbs	

Includes: (2) M12[™] REDLITHIUM[™] CP2.0 Battery Packs, Belt Clip, Charger, Carrying Case



SURGE™ 1/4" Hex Hydraulic Driver Kit

2551-22 (2551-20 Tool-Only)

Specifications:

	Sustained Fastening Torque	450 ft-lbs
	IPM	0 - 3,400
	RPM	0 – 3,200
	Chuck Type	1/4" Hex Quick Change
	Length / Weight	5.2" / 2.4 lbs

Includes: (2) M12[™] REDLITHIUM[™] CP2.0 Battery Packs, Belt Clip, Charger, Contractor Bag

M12™ 1/4" Hex Impact **Driver Kit**

2462-22 (2462-20 Tool-Only)

Specifications:

Fastening Torque	1,000 in-lbs
IPM	0 – 3,300
RPM	0 – 2,500
Chuck Type	1/4" Hex
Length / Weight	6.5" / 2.3 lbs

Includes: (2) M12[™] REDLITHIUM[™] CP1.5 Battery Packs, Belt Clip, Charger, Carrying Case

M12™ 1/4" Hex Right Angle **Impact Driver Kit**

2467-21 (2467-20 Tool-Only)

Specifications:

Fastening Torque	600 in-lbs
IPM	0 – 3,300
RPM	0 – 2,450
Chuck Type	1/4" Hex
Head Profile	1.4"
Weight	2.6 lbs

Includes: (1) M12[™] REDLITHIUM[™] CP1.5 Battery Pack, Charger, Soft Carrying Case

1/2" Stubby Impact Wrench Kit

2555-22, 2555P-22 (2555-20 Tool-Only)

Specifications:

Peak Torque	250 ft-lbs	
IPM	0 – 3,200	
RPM	0 – 2,700	
Anvil Type	1/2" Friction Ring	
Length / Weight	4.9" / 2.1 lbs	

Includes: 2555-22 1/2" Stubby Impact Wrench: 2555P-22 1/2" Stubby Impact Wrench w/ Pin Detent; **All Kits Include:** (1) M12™ REDLÍTHIÚM™ XC4.0 Battery Pack, (1) M12™ REDLÍTHIUM™ CP2.0 Battery Pack, Belt Clip, Charger, Soft Carrying Case



3/8" Stubby Impact Wrench Kit

2554-22 (2554-20 Tool-Only) Specifications:

-	
Peak Torque	250 ft-lbs
IPM	0 – 3,200
RPM	0 – 2,700
Anvil Type	3/8" Friction Ring
Length / Weight	4.8" / 2.1 lbs

Includes: (1) M12[™] REDLITHIUM[™] XC4.0 Battery Pack, (1) M12™ REDLITHIUM™ CP2.0 Battery Pack, Belt Clip, Charger, Soft Carrying Case

1/4" Stubby Impact Wrench Kit

2552-22 (2552-20 Tool-Only)

Specifications:

Peak Torque	TOO IT-IDS
IPM	0 - 4,300
RPM	0 – 3,200
Anvil Type	1/4" Friction Ring
Length / Weight	5.1" / 1.8 lbs

Includes: (1) M12[™] REDLITHIUM[™] XC4.0 Battery Pack, (1) M12™ REDLITHIUM™ CP2.0 Battery Pack, Belt Clip, Charger, Soft Carrying Case

3/8" Impact Wrench Kit

2454-22 (2454-20 Tool-Only)

Specifications:

Peak Torque	117 ft-lbs
IPM	0 – 3,500
RPM (2-Mode)	0 - 1,200 / 0 - 2,650
Anvil Type	3/8" Friction Ring
Length / Weight	6.5" / 2.4 lbs

Includes: (2) M12[™] REDLITHIUM[™] CP2.0 Battery Packs, Belt Clip, Charger, Carrying Case

M12™ 3/8" Impact Wrench Kit

2463-22 (2463-20 Tool-Only)

Specifications:

	reak lorque	100 11-105
	IPM	0 – 3,300
	RPM	0 – 2,500
	Anvil Type	3/8" Friction Ring
	Length / Weight	6.5" / 2.3 lbs

Includes: (2) M12[™] REDLITHIUM[™] CP2.0 Battery Packs, Belt Clip, Charger, Carrying Case

M12™ 1/4" Impact Wrench Kit

2461-22 (2461-20 Tool-Only)

Specifications:

Peak Torque	38 ft-lbs
IPM	0 – 3,800
RPM	0 – 2,500
Anvil Type	1/4" Friction Ring
Length / Weight	6.0" / 2.1 lbs

Includes: (2) M12[™] REDLITHIUM[™] CP1.5 Battery Packs, Belt Clip, Charger, Carrying Case









M12 FLEL

1/2" Right Angle Impact Wrench w/ Friction Ring Kit

2565-22 (2565-20 Tool-Only)

Specifications:

Peak Torque	220 ft-lbs
IPM / RPM	0 - 3,600 / 0 - 3,000
Head Profile	2.2"
Length / Weight	14.2" / 3.3 lbs

Includes: (2) M12™ REDLITHIUM™ CP2.0 Battery Packs,

Related Accessory: 49-16-2564 M12 FUEL™ Right Angle Impact Wrench Rubber Boot

M12 FLEL

1/2" Right Angle Impact Wrench w/ Pin Detent Kit

2565P-22 (2565P-20 Tool-Only)

Specifications:

Peak Torque	220 ft-lbs
IPM / RPM	0 - 3,600 / 0 - 3,000
Head Profile	2.2"
Length / Weight	14.2" / 3.3 lbs

Includes: (2) M12[™] REDLITHIUM[™] CP2.0 Battery Packs,

Related Accessory:

49-16-2564 M12 FUEL™ Right Angle Impact Wrench Rubber Boot



M12 FLEL

3/8" Right Angle Impact Wrench w/ Friction Ring Kit

2564-22 (2564-20 Tool-Only)

Specifications:

-	
Peak Torque	220 ft-lbs
IPM / RPM	0 - 3,600 / 0 - 3,000
Head Profile	2.2"
Length / Weight	14.2" / 3.2 lbs

Includes: (2) M12™ REDLITHIUM™ CP2.0 Battery Packs, Charger, Carrying Case
Related Accessory:

49-16-2564 M12 FUEL™ Right Angle Impact Wrench Rubber Boot

M12 FUEL 1/2" Ratchet Kit

2558-22 (2558-20 Tool-Only)

Specifications:

Fastening Torque	60 ft-lbs
RPM	0 – 175
Anvil Type	1/2" Ball Detent
Head Profile	1.1"
Length / Weight	12.5" / 3.1 lbs

Includes: (2) M12[™] REDLITHIUM[™] CP2.0 Battery Packs, Charger, Carrying Case

3/8" Ratchet Kit

2557-22 (2557-20 Tool-Only)

Specifications:

Fastening Torque	55 ft-lbs
RPM	0 – 200
Anvil Type	3/8" Ball Detent
Head Profile	1.1"
Length / Weight	11.8" / 2.8 lbs

Includes: (2) M12[™] REDLITHIUM[™] CP2.0 Battery Packs,

Related Accessory: 49-16-2557 M12 FUEL™ 3/8" Ratchet Rubber Boot



3/8" Extended Reach Ratchet Kit

2560-21 (2560-20 Tool-Only)

Specifications:

Fastening Torque	55 ft-lbs
RPM	0 – 200
Anvil Type	3/8" Ball Detent
Head Profile	1.1"
Length / Weight	15.1" / 3.1 lbs

Includes: (1) M12[™] REDLITHIUM[™] CP2.0 Battery Pack,

Related Accessory:

49-16-2560 M12 FUEL™ 3/8" Extended Reach Ratchet Rubber Boot

1/4" Extended Reach Ratchet Kit

2559-21 (2559-20 Tool-Only)

Specifications:

Fastening Torque	40 ft-lbs
RPM	0 – 250
Anvil Type	1/4" Ball Detent
Head Profile	0.76"
Length / Weight	14.4" / 2.3 lbs

Includes: (1) M12[™] REDLITHIUM[™] CP2.0 Battery Pack,

Related Accessory: 49-16-2559 M12 FUEL™ 1/4" Extended Reach Ratchet Rubber Boot

3/8" High Speed Ratchet Kit

2567-22 (2567-20 Tool-Only)

Specifications:

Fastening Torque	35 ft-lbs
RPM	0 - 450
Anvil Type	3/8" Ball Detent
Head Profile	0.75"
Length / Weight	11.1" / 2.1 lbs

Includes: (2) M12[™] REDLITHIUM[™] CP2.0 Battery Packs,

Related Accessories:

49-16-2567 M12 FUEL" High Speed Ratchet Rubber Boot 49-09-2567 3/8" High Speed Ratchet Tall Shift Knob Assembly





1/4" High Speed Ratchet Kit

2566-22 (2566-20 Tool-Only)

Specifications:

Fastening Torque	35 ft-lbs
RPM	0 – 450
Anvil Type	1/4" Ball Detent
Head Profile	0.75"
Length / Weight	11.1" / 2.1 lbs

Includes: (2) M12[™] REDLITHIUM[™] CP2.0 Battery Packs, Charger, Carrying Case

Related Accessories: 49-16-2567 M12 FUEL** High Speed Ratchet Rubber Boot 49-09-2566 1/4* High Speed Ratchet Tall Shift Knob Assembly

M12™ 3/8" Ratchet Kit

2457-21 (2457-20 Tool-Only)

Specifications:

Fastening Torque	35 ft-lbs
RPM	0 – 250
Anvil Type	3/8" Ball Detent
Head Profile	0.8"
Length / Weight	10.8" / 1.9 lbs

Includes: (1) M12™ REDLITHIUM™ CP1.5 Battery Pack, 3/8" - 1/4" Adapter, Charger, Soft Carrying Case

M12™ 1/4" Ratchet Kit

2456-21 (2456-20 Tool-Only)

Specifications:

Fastening Torque	30 ft-lbs
RPM	0 – 250
Anvil Type	1/4" Ball Detent
Head Profile	0.8"
Lenath / Weight	10.8" / 1.9 lbs

Includes: (1) M12[™] REDLITHIUM[™] CP1.5 Battery Pack, Charger, Soft Carrying Case



M12™ Rivet Tool Kit

2550-22 (2550-20 Tool-Only)

Specifications:

	Pull Force	2,000 lbs
	Stroke Length	0.8"
	Rivet Sizes	3/32" - 3/16"
	Rivet Material	Aluminum, Steel and Stainless Steel
	Length / Weight	6.5" (without mandrel collector) / 4.5 lbs

Includes: (2) M12[™] REDLITHIUM[™] CP1.5 Battery Packs, (4) Nose Pieces (3/32", 1/8", 5/32", 3/16"), Belt Hook, Charger, Contractor Bag

5/8" SDS Plus Rotary Hammer Kit

2416-21XC

Length / Weight

Specifications: RPM 0 - 900 **BPM** 0 - 6,2002-Mode Operation Rotary Hammer and Rotation Or

10.0" / 3.9 lbs Includes: (1) M12™ REDLITHIUM™ XC4.0 Battery Pack,

Related Accessory:

2509-22 M12[™] HAMMERVACTM Universal Dust Extractor Kit



M12™ 1/2" SDS Plus Rotary Hammer Kit

2412-22XC (2412-20 Tool-Only)

Specifications:

RPM	0 – 800
BPM	0 – 5,350
2-Mode Operation	Rotary Hammer and Rotation Only
Length / Weight	9.0" / 3.9 lbs

Includes: (2) M12™ REDLITHIUM™ XC3.0 Battery Packs,

Related Accessory:

Universal Dust Extractor Kit

M12" HAMMERVAC" **Universal Dust Extractor**

2509-22 (2509-20 Tool-Only)

Specifications: Universal Handle





CERTIFIED

HEPA

Brands of SDS Plus System Rotary Hammers and AC and DC Hammer Drills Replaceable Filters 99.97% of Debris Certified HEPA Filter 0.3 Microns and Above AUTOPULSE™ Filter Cleaning Mechanism achieves Table 1 OSHA

Compliance Self-Powered by No Cords or Hoses for M12™ REDLITHÍUM™ Maximum Portability Battery Pack

3-Mode Switch Yes (Auto-On and Auto-Off w/ Delay) 1-1/4" Max Diameter

Max Depth Includes: Small Diameter Nozzle, Large Diameter Nozzle; 2509-22 (2) M12™ REDLITHIUM™ CP2.0 Batteries, Charger, Contractor Bag Related Accessories:

49-90-2302 M12™ HAMMERVAC™ Universal Dust Extractor Nozzle 49-90-2343 M12™ HAMMERVAC™ Universal Dust Extractor Dust Box, Filter

49-90-2016 3 pk Fleece Dust Bags

Related Accessory:





M12™ Palm Nailer Kit

2458-21 (2458-20 Tool-Only)

Specifications:

Impact Energy	2.2 ft-lbs (3.0 J)
BPM	0 – 2,700
Collet Capacity	6D - 16D
Head Profile	3/4"
Magnetic Tip	Yes
Weight	3.4 lbs

Includes: (1) M12[™] REDLITHIUM[™] CP1.5 Battery Pack, Hand Strap, Charger, Soft Carrying Case



M12™ 23 Gauge Pin Nailer Kit

2540-21 (2540-20 Tool-Only)

Specifications:

Specifications:		
Nail Diameter	23 Gauge	
Nail Size	1/2" - 1-3/8"	
Magazine Capacity	120 Nails	
Magazine Loading	Side Load	
Firing Modes	Sequential	
Length / Weight	8.7" / 3.8 lbs	

Includes: (1) M12[™] REDLITHIUM[™] CP1.5 Battery Pack, Reversible Belt Clip, Jam Clearing Guide, Hex Wrench, Secondary Tip, Charger, Contractor Bag



M12™ 3/8" Crown Stapler Kit

2447-21 (2447-20 Tool-Only)

Specifications:

opcomoditions:		
Staple Crown Size	3/8" Flat Crown	
Staple Length	1/4" - 9/16"	
Staple Type	T-50	
Length / Weight	7.3" / 3.0 lbs	

Includes: (1) M12[™] REDLITHIUM[™] CP1.5 Battery Pack, Charger, Contractor Bag



1/4" Right Angle Die Grinder Kit

2485-22 (2485-20 Tool-Only)

Specifications:

Power Output	0.3 HP
RPM	0 – 24,500
Collet Size	1/4"
Accessory Size	2"
Height / Length	8.7" / 4.5"
Weight	1.7 lbs

Includes: (2) M12[™] REDLITHIUM[™] CP2.0 Battery Packs,

Related Accessories:

49-16-2485 M12 FUEL" 1/4" Right Angle Die Grinder Rubber Boot **48-07-2486** 1/4" Cut-Off Wheel Arbor

48-66-2486 1/8" Collet & Nut Kit 49-94-2000 2" Metal Cut-Off Wheel



1/4" Straight Die Grinder Kit

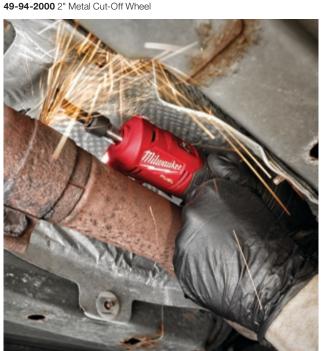
2486-22 (2486-20 Tool-Only)

Specifications:

Power Output	0.3 HP
RPM	0 - 21,000
Collet Size	1/4"
Accessory Size	2"
Height / Length	2" / 11"
Weight	1.6 lbs

Includes: (2) M12[™] REDLITHIUM[™] CP2.0 Battery Packs, (2) Wrenches, Charger, Carrying Case

Related Accessories: 48-07-2486 1/4" Cut-Off Wheel Arbor 48-66-2486 1/8" Collet & Nut Kit





2466-22 (2466-20 Tool-Only)

Specifications:

Torque Range	12.5 - 150 ft-lbs
RPM	0 – 100
Tool Accuracy	CW: +/-2% of Full Scale / CCW: +/-3% of Full Scale (Range: 20% – 100% of Full Scale)
Ratcheting Angle	4.5°
Anvil Size	1/2" Ball Detent
Measuring Units	ft-lbs, in-lbs, Nm, kg-cm
Length / Weight	23.5" / 5.7 lbs

Includes: (2) M12[™] REDLITHIUM[™] CP2.0 Battery Packs, Certificate of Calibration, Charger, Carrying Case



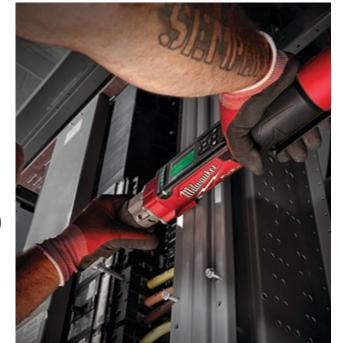
3/8" Digital Torque Wrench w/ ONE-KEY™ Kit

2465-22 (2465-20 Tool-Only)

Specifications:	
Torque Range	10 - 100 ft-lbs
DDM	

RPM	0 – 100
Tool Accuracy	CW: +/-2% of Full Scale / CCW: +/-3% of Full Scale (Range: 20% – 100% of Full Scale)
Ratcheting Angle	4.5°
Anvil Size	3/8" Ball Detent
Measuring Units	ft-lbs, in-lbs, Nm, kg-cm
Length / Weight	23.3" / 5.5 lbs

Includes: (2) M12[™] REDLITHIUM[™] CP2.0 Battery Packs, Certificate of Calibration, Charger, Carrying Case





M12™ Spot Polisher Kit

2438-22X, 2438-22 (2438-20 Tool-Only)

Specifications:

Polishing RPM	0 – 2,800
Sanding RPM	0 – 8,300
Length / Weight	5.1" / 2.4 lbs
Lerigiii/ Weight	3.1 / 2.4 105

Includes: 2438-22X (1) M12™ REDLITHIUM™ XC3.0 Battery Pack, (1) M12™ REDLITHIUM™ CP1.5 Battery Pack; 2438-22 (2) M12™ REDLITHIUM™ CP1.5 Battery Packs; All Kits Include: 5 Pc Accessory Pack, Side Handle, Charger, Soft Carrying Case



Low Speed Tire Buffer Kit

2409-22 (2409-20 Tool-Only)

Specifications:

DRIVE CONTROL™	2-Mode
Collet	7/16" Quick Change
RPM (Buffing)	0 – 2,500
RPM (Drilling)	0 – 1,200
Length / Weight	10.1" / 1.8 lbs

Includes: (1) M12™ REDLITHIUM™ XC4.0 Battery Pack, (1) M12™ REDLITHIUM™ CP2.0 Battery, Quick Change Adapter, Charger, Carrying Case **Related Accessories:**

49-93-2410 2" Flared Contour Buffing Wheel **49-93-2409** 2-1/2" Flared Contour Buffing Wheel



M12 FUEL 5-3/8" Circular Saw Kit

2530-21XC (2530-20 Tool-Only)

Specifications:

-		- 1000 A 1000 A
RPM	3,600	197
Bevel Capacity	50°	1
Cut Capacity	1-5/8" at 90°; 1-	-1/8" at 45°
Arbor	10 mm	
Blade Guards	Aluminum	
Weight	6.2 lbs	

Includes: (1) M12™ REDLITHIUM™ XC4.0 Battery Pack, Circular Saw Blade, Wrench, Charger, Contractor Bag



M12 FUEL HACKZALL® One-Handed **Reciprocating Saw Kit**

2520-21XC (2520-20 Tool-Only) Specifications:

SPM 0 - 3,000Stroke Length 5/8" QUIK-LOK¹¹ Keyless (Accepts all SAWZALL® Blades) Blade Clamp Length / Weight 13.3" / 4.1 lbs

Includes: (1) M12™ REDLITHIUM™ XC4.0 Battery Pack. Charger, Contractor Bag

M12™ HACKZALL® One-Handed **Reciprocating Saw Kit**

2420-22, 2420-21 (2420-20 Tool-Only)

Specifications:

SPM	0 – 3,000
Stroke Length	1/2"
Keyless Blade Clamp	QUIK-LOK™ (Accepts all SAWZALL® Blades)
Length / Weight	11.0" / 2.6 lbs

Includes: 2420-22 (2) M12[™] REDLITHIUM[™] CP1.5 Battery Packs; **2420-21** (1) M12[™] REDLITHIUM[™] CP1.5 Battery Pack; All Kits Include: Charger, Contractor Bag

M12™ High Performance Jig Saw Kit

2445-21 (2445-20 Tool-Only)

Specifications:

SPM	0 – 2,800		
Stroke Length	3/4"		
Bevel Capacity	45° (Positive Locks at 90° and 45°)		
Blade Clamp	QUIK-LOK™ T-Shank		
Length / Weight	8.8" / 4.2 lbs		

Includes: (1) M12™ REDLITHIUM™ CP1.5 Battery Pack, Anti-Splintering Insert, Non-Marring Shoe, Charger, Contractor Bag

Oscillating Multi-Tool Kit

2526-21XC (2526-20 Tool-Only) Specifications

Specifications:	
Speed Settings	12
OPM	10,000 – 20,000
Oscillation Angle	3.9°
Tool-Free Accessory Change	Yes
LED Light	Yes
Length / Weight	13" / 3.2 lbs

Includes: (1) M12[™] REDLITHIUM[™] XC4.0 Battery Pack, (5) Sanding Sheets, (1) Sanding Pad, (1) Wood Cutting Blade, Charger, Contractor Bag

M12™ Oscillating Multi-Tool Kit

2426-22, 2426-21 (2426-20 Tool-Only)

Specifications:	- 4
Speed Settings	12
OPM	5,000 - 20,000
Lenath / Weiaht	10.9" / 2.1 lbs

Includes: 2426-22 (2) M12[™] REDLITHIUM[™] CP1.5 Battery Packs; **2426-21** (1) M12[™] REDLITHIUM[™] CP1.5 Battery Pack; All Kits Include: Wood Cutting Blade, Sanding Pad, (5) Assorted Sanding Sheets, Charger, Contractor Bag

M12 FUEL HATCHET™ 6" Pruning Saw Kit

2527-21 (2527-20 Tool-Only)

Specifications:

Bar Length	6"
Chain Gauge	.043"
Chain Pitch	3/8" Low Profile
Chain Speed	5 m/s
Oiler	Automatic
Trigger	Variable Speed
Length / Weight	18.3" / 4.8 lbs

Includes: (1) M12[™] REDLITHIUM[™] XC4.0 Battery Pack, 6" Oregon® Bar & Chain, Scrench, Scabbard, Charger Related Accessories:

49-16-2732 6" Saw Chain 49-16-2733 6" Guide Bar



Compact Band Saw Kit

2529-21XC (2529-20 Tool-Only)

Specifications:

	SFPM	0 – 570
	Blade Size	30-9/16"
	Cut Capacity	2-1/2" x 2-1/2"
	LED Light	Yes
	Hang Hook	Yes
	Reamer Attachment Compatibility	Yes

Includes: (1) M12[™] REDLITHIUM[™] XC4.0 Battery Pack, 12/14 TPI Compact Extreme Thin Metal Band Saw Blade, Charger, Contractor Bag Related Accessories:

49-90-2029 Compact Band Saw Reamer Attachment 48-39-0630 30-9/16" 8/10 TPI Compact Extreme Thick Metal Band Saw Blade 3 pk 48-39-0631 30-9/16" 12/14 TPI Compact Extreme Thick Metal Band Saw Blade 3 pk

48-39-0635 30-9/16" 8/10 TPI Compact Extreme Thick Metal Band Saw Blade 25 pk

48-39-0636 30-9/16" 12/14 TPI Compact Extreme Thick Metal Band Saw Blade 25 pk **48-39-0637** 30-9/16" 8/10 TPI

Compact Extreme Thick Metal Band Saw Blade 100 bulk 48-39-0639 30-9/16" 12/14 TPI



M12™ Sub-Compact **Band Saw Kit**

2429-21XC (2429-20 Tool-Only)

Specifications:

•	
SFPM	280
Blade Size	27"
Cut Capacity	1-5/8" x 1-5/8"
Length / Weight	11.0" / 6.7 lbs

Meets OSHA Guarding Requirements. Suitable for One-Handed Use.

Includes: (1) M12[™] REDLITHIUM[™] XC3.0 Battery Pack, 18 TPI Sub-Compact Portable Band Saw Blade, Charger, Carrying Case **Related Accessories:**

48-39-0572 18 TPI Sub-Compact Portable Band Saw Blades (3 pk) 48-39-0711 12/14 TPI Extreme Metal Sub-Compact Portable Band Saw Blades (3 pk)

3" Compact Cut-Off Tool Kit 2522-21XC (2522-20 Tool-Only)

Specifications:

Blade Size	3"
RPM	20,000
Arbor Size	3/8"
Cut Depth	0.64"
Blade Rotation	Reversible
Length / Weight	8.9" / 2.4 lbs

Includes: (1) M12[™] REDLITHIUM[™] XC4.0 Battery Pack, Dust Accessory Shoe, (3) Accessory Blades (Metal Cut-Off, Carbide Abrasive, Diamond Tile), Blade Wrench, Charger, Contractor Bag

M12™ Rotary Tool Kit

2460-21 (2460-20 Tool-Only)

Specifications:

Speed Settings	6
RPM	5,000 - 32,000
Collet	1/8", Universal
Length / Weight	9.5" / 1.3 lbs

Includes: (1) M12™ REDLITHIUM™ CP1.5 Battery Pack, (5) Cutting Wheels, Mandrel, Wrench, Charger, Soft Carrying Case **Related Accessory:** 49-94-1500 5 Pc Reinforced Cut-Off Wheels

M12™ 10 oz Caulk & **Adhesive Gun Kit**

2441-21 (2441-20 Tool-Only)

Specifications:

Force	400 lbs
Inches Per Minute	0 – 29
Speed Settings	6
Auto-Reverse Anti-Drip	Yes
Weight	4.1 lbs

Includes: (1) M12[™] REDLITHIUM[™] CP1.5 Battery Pack, 10 oz Carriage, M12™ 10 oz Plunger Rod and Piston Assembly, Charger

M12™ 20 oz Aluminum Barrel Sausage **Style Caulk & Adhesive Gun Kit**

2442-21



Includes: (1) M12[™] REDLITHIUM[™] CP1.5 Battery Pack, 20 oz Aluminum Sausage Style Barrel, M12™ 20 oz Plunger Rod and Piston Assembly, Nozzle, Charger

M12™ Quart Caulk & **Adhesive Gun Kit**

2444-21

Specifications:

Force	400 lbs
Inches Per Minute	0 – 29
Speed Settings	6
Auto-Reverse Anti-Drip	Yes
Weight	5.5 lbs

Includes: (1) M12™ REDLITHIUM™ CP1.5 Battery Pack, Quart Carriage, M12™ Quart Plunger Rod and Piston Assembly, Charger

Caulk Gun Accessories

Compatible with 2441-21, 2442-21, 2444-21

31-12-0700 Caulk Gun Nozzle - Black

48-08-0900 M12™ 10 oz Caulk and Adhesive Gun Conversion Kit

48-08-0905 M12™ 20 oz Aluminum Barrel Sausage Style Caulk and Adhesive Gun Conversion Kit

48-08-0910 M12[™] Quart Caulk and Adhesive Gun Conversion Kit

48-08-1091 20 oz Aluminum Barrel Kit

48-08-1096 20 oz Clear Barrel Kit

M12™ Grease Gun Kit

2446-21XC (2446-20 Tool-Only)

Specifications:

	Output Pressure	Over 8,000 PSI
	Run-Time	Up to 7 Grease Cartridges Per Charge
	Grease Capacity	14 oz Cartridge, 16 oz Bulk, 16 oz Suction
	Air Blooder Valve	Voc

7.2 lbs

Includes: (1) M12™ REDLITHIUM™ XC3.0 Battery Pack. 36" Flex Hose with Spring Guard, Grease Coupler, Charger, Carrying Case

M12™ Soldering Iron Kit

2488-21 (2488-20 Tool-Only)

Specifications:

Weight

	Max Temperature	750°F
	Heat Output	90 Watts
	Heat-Up Time	18 Seconds
	Heat Indicator	Yes
	Interchangeable Tips	Chisel and Point
	Length / Weight	11.6" / 0.9 lbs

Includes: (1) M12[™] REDLITHIUM[™] CP1.5 Battery Pack, Chisel Tip, Pointed Tip, Charger, Carrying Case

M12™ Cable Stapler Kit

2448-21 (2448-20 Tool-Only)

Specifications:

Firing Mode	Sequential
Magazine Capacity	45
Magazine Loading	Front Load
Run-Time	1,200 Staplers per Charge on M12™ CP2.0 Battery
Length / Weight	6.5" / 5.0 lbs

Includes: (1) M12™ REDLITHIUM™ CP2.0 Battery Pack,

Charger, Carrying Case
Related Accessory:





M12™ Cable Stripper Kit

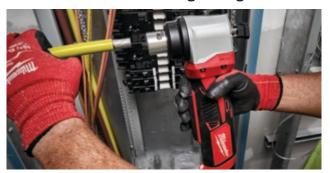
2435CU-21S, 2435AL-21, 2435X-21 (2435-20 Tool-Only)

Specifications:

Yes	
Yes	
Industry Standard Quick-Change	
8.6" x 2.8" x 11.5"	
3.6 lbs	
	Yes Industry Standard Quick-Change 8.6" x 2.8" x 11.5"

Includes: 2435CU-21S 1/0 AWG - 750 MCM Cu THHN / XHHW Bushings; **2435AL-21** 1/0 AWG - 750 MCM AI THHN / XHHW Bushings; **2435X-21** 1/0 AWG – 500 MCM Cu RHW / RHH / USE Bushings; **All Kits Include:** (1) M12[™] REDLITHIUM[™] CP2.0 Battery Pack, Multi-Voltage Charger, Carrying Case

Reference Available Bushings on Pg. 66



M12™600 MCM Cable Cutter Kit

2472-21XC (2472-20 Tool-Only)

Specifications:

Specifications.			
Cut Capacity	600 MCM Copper, 750 MCM Aluminum, 1-3/16" Communication Cable		
Jaw Opening	1-7/16"		
Two-Speed	Yes		
Length / Weight	10.5" / 6.7 lbs		

Includes: (1) M12™ REDLITHIUM™ XC3.0 Battery Pack, Charger, Carrying Case **Related Accessory:**48-44-0410 M12™ 600 MCM Cable Cutter Blade

M12™ Plastic Pipe **Shear Kit**

2470-21 (2470-20 Tool-Only)

Specifications:

Cut Capacity	Up to 2" Schedule 80 PVC
Torque	1,900 in-lbs
Blade	3 mm Reinforced Stainless Steel
Length / Weight	14.4" / 4.4 lbs

Includes: (1) M12[™] REDLITHIUM[™] CP1.5 Battery Pack,

Related Accessory: Pipe Shear Blade

M12™ Copper Tubing **Cutter Kit**

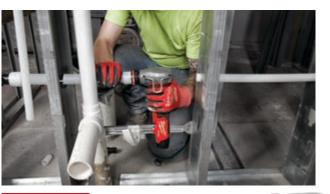
2471-22, 2471-21 (2471-20 Tool-Only)

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Specifications:		
Cut Capacity	3/8" - 1" (1/2" - 1-1/8" O.D.)	
Tubing Type	M, L and K Copper	
RPM	500	
Length / Weight	14.0" / 3.2 lbs	

Includes: 2471-22 (2) M12[™] REDLITHIUM[™] CP1.5 Battery Packs; **2471-21** (1) M12™ REDLITHIUM™ CP1.5 Battery Pack;

All Kits Include: Charger, Carrying Case Related Accessory: 48-38-0010 Copper Cutter Wheel (2 pk)



M12 FLEL ProPEX® Expander Kit w/ 1/2" - 1" RAPID SEAL **ProPEX® Expander Heads**

2532-22 (2532-20 Tool-Only)

Specifications:

Capacity	3/8" - 1"
Auto Rotate	Built-In
Trigger	Dual Actuating
Dimensions (L x W x H)	7.1" x 3.7" x 12.8"
Weight	4.5 lbs

Includes: (3) ProPEX® Expander Heads w/ RAPID SEAL™ (1/2", 3/4", 1"), ProPEX® Expander Cone Grease, Carrying Case; 2532-22 (2) M12™ REDLITHIUM™ CP2.0 Battery Packs, Charger

neiateu Accessories.	
49-16-2414 1/2" ProPEX® Expander Head w/ RAPID SEA	Ľ
49-16-2415 5/8" ProPEX® Expander Head w/ RAPID SEA	Ľ
49-16-2416 3/4" ProPEX® Expander Head w/ RAPID SEA	L
49-16-2418 1" ProPEY® Eynander Head w/ RAPID SEALT	м

M12™ ProPEX® Expansion Tool Kit

2432-22 (2432-20 Tool-Only)

Specifications:

Capacity	3/8" - 1"
Auto-Rotate	Built-In
Head Compatibility	3/8" - 1" M12™ / Uponor
Dimensions (L x W x H)	7.1" x 3.7" x 12.8"
Weight	5.0 lbs

Includes: (3) ProPEX® Expansion Heads (1/2", 3/4", 1"), ProPEX® Tool Cone Grease, Carrying Case; 2432-22 (2) M12™ REDLITHIUM™ CP1.5 Battery Packs, Charger

Related Accessories:

49-08-2400 ProPEX® Expander Cone Grease 49-16-2403 3/8" ProPEX® Expansion Head 49-16-2404 1/2" ProPEX® Expansion Head 49-16-2405 5/8" ProPEX® Expansion Head 49-16-2406 3/4" ProPEX® Expansion Head 49-16-2408 1" ProPEX® Expansion Head

M12™ PEX Expansion Tool Kit

2474-22

Specifications:

-	
Capacity	3/8" – 1"
Auto-Rotate	Built-In
Head Compatibility	3/8" – 1" M12™
Dimensions (L x W x H)	7.1" x 3.7" x 12.8"
Weight	5.0 lbs

Includes: (2) M12[™] REDLITHIUM[™] CP1.5 Battery Packs, (3) PEX Expansion Heads (1/2", 3/4", 1"), PEX Tool Cone Grease, Charger, Carrying Case

Related Accessories:

49-16-2424 1/2" PEX Expander Head 49-16-2426 3/4" PEX Expander Head 49-16-2428 1" PEX Expander Head 49-08-2402 PEX Tool Grease



M12™ TRAPSNAKE™ 6¹ Toilet Auger Kit

2576-21 (2576-20 Tool-Only)

Specifications:

	RPM	0 – 500
	Cable Lock	Yes
	Cable Size	6' x 1/2"
	Cable Head	Retriever Bulb
	Replacement Cables	Available
	Weight	9.0 lbs

Includes: (1) M12™ REDLITHIUM™ CP1.5 Battery Pack, Cable, Charger **Related Accessories:**

48-53-2576 TRAPSNAKE™ 6' Toilet Auger Replacement Cable 48-22-2576 TRAPSNAKE™ Toilet Auger Case

M12™ TRAPSNAKE™ 4¹ Urinal Auger Kit

2574-21 (2574-20 Tool-Only)

Specifications:

RPM	0 – 500
Cable Lock	Yes
Cable Size	4' x 3/8"
Cable Head	Bulb
Replacement Cables	Available
\Moight	6.4 lbc

M12™ TRAPSNAKE™

Specifications:

2575-21

RPM

Height

Weight

Driver Upgrade Kit

Includes: (1) M12™ REDLITHIUM™

49-16-2576 TRAPSNAKE™ 6' Toilet Auger 49-16-2574 TRAPSNAKE™ 4' Urinal Auger

CP1.5 Battery Pack, Charger **Related Accessories:**

500

11"

4.5 lbs

49-16-2573 TRAPSNAKE™ 25' Auger w/ CABLE DRIVE™

Includes: (1) M12™ REDLITHIUM™ CP1.5 Battery Pack, Cable, Charger Related Accessories:

48-53-2577 TRAPSNAKE™ 4' Urinal Auger Replacement Cable 48-22-2577 TRAPSNAKE™ Urinal Auger Case



Display Type

Water & Dust Rating

Specifications:	
Sonde Frequencies	512Hz, 640Hz, 8,192kHz, 33kHz, 83kl
Line Trace	33kHz, 83kHz
Power Frequency	50Hx, 60Hz
Radio Frequency	10kHz - 22.7kHz Bandwidth

4.3" Color LCD Display

Includes: (1) M12™ REDLITHIUM™ CP1.5 Battery Pack. Charger, Carrying Case



M12™ Drain Snake Kit 2571-21 (2571-20 Tool-Only)

Specifications:

Max Drain Line Capacity	1-1/4" – 2-1/2", Up to 25'
Drum Capacity	1/4" x 25', Best for 1-1/4" – 2" drain lines; 5/16" x 25', Best for 1-1/4" – 2-1/2" drain lines
Variable Speed Spin	0 – 500 RPM
LED Light	Yes
Weight (without cable)	6.5 lbs

Includes: (1) M12[™] REDLITHIUM[™] CP1.5 Battery Pack, 5/16" x 25' Inner Core Bulb Head Cable with Inner Drum, Charger, 5 Gallon Storage Bucket

Related Accessories:

48-53-2561 5/16" x 25' Inner Core Bulb Head Cable w/ RUST GUARD™ Plating

48-53-2562 5/16" x 25' Inner Core Drop Head Cable w/ RUST GUARD™ Plating

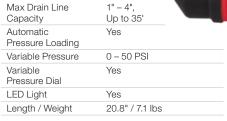
48-53-2563 1/4" x 25' Inner Core Bulb Head Cable w/ RUST GUARD™ Plating

48-53-2564 1/4" x 25' Inner Core Drop Head Cable w/ RUST GUARD™ Plating

M12™ AIRSNAKE™ **Drain Cleaning Air Gun Kit**

2572B-21, (2572B-20 Tool-Only)

Specifications: Max Drain Line



Includes: 2572B-21 (1) M12™ REDLITHIUM™ CP2.0 Battery Pack, Charge

All Kits Include: 2572B-20: 1" - 2" Drain Plug, - 3" Drain Plug, 3" - 4" Drain Plug, Drain Shroud Attachment, Toilet Seal Attachment, 10" Extension, (3) Straight Connectors, 15° Offset Connector, Carrying Case



M12™ FORCE LOGIC™ **Press Tool Kit**

2473-22 (2473-20 No Jaw Kit)

Specifications:

Capacity	1/2" - 1-1/2" Varies by Material
Calibration Interval	32,000 Cycles (LED Indicator)
Approximate Cycle Time	5 Seconds
Press Force	5,400 lbs
Length / Weight	12.8" / 3.8 lbs

Includes: 2473-22 (3) Jaws (1/2", 3/4", 1"); 2473-20 (No Jaws Included):

All Kits Include: (2) M12™ REDLITHIUM™ CP1.5 Battery Packs, Charger, Carrying Case

Related Accessories:

49-16-2450 1/2" CTS-V Press Jaw

49-16-2451 3/4" CTS-V Press Jaw 49-16-2452 1" CTS-V Press Jaw

49-16-2453 1-1/4" CTS-V Press Jaw

49-16-2450B 1/2" IPS-P Press Jaw

49-16-2451B 3/4" IPS-P Press Jaw

49-16-2452B 1" IPS-P Press Jaw 49-16-2451C 1/2" PEX-Crimp Press Jaw

49-16-2453C 3/4" PEX-Crimp Press Jaw

49-16-2454C 1" PEX-Crimp Press Jaw

49-16-2455C 1-1/4" PEX-Crimp Press Jaw

49-16-2456C 1-1/2" PEX-Crimp Press Jaw 49-16-2496B 1/2"-1" IPS-P Press Jaw Kit

M12™ No-Hub Driver Kit

2455-22 (2455-20 Tool-Only)

Specifications:

Torque Settings (3-Mode)	60 in-lbs / 80 in-lbs / Drill
RPM	0 – 750
Chuck Type	1/4" Hex
Calibration Interval	25,000 Cycles (LED Indicator)
Weight	2.7 lbs

Includes: (2) M12[™] REDLITHIUM[™] CP1.5 Battery Packs, (3) SHOCKWAVE Impact Duty™ Nut Drivers (1/4", 5/16", 3/8"), Charger, Carrying Case

M12™ M-SPECTOR FLEX™ 3 ft Inspection **Camera Cable w/ PIVOTVIEW™ Kit**

2317-21

Specifications:

-	
Screen Size	3.5" High-Resolution LCD
Camera Resolution	640 x 480
Camera Head Diameter	12.5 mm (0.49")
Head Movement	Up to 270° PIVOTVIEW™ Camera
Cable Length	3 ft
Wireless Distance	Up to 15 ft



M12™ M-SPECTOR FLEX™ 9 ft Inspection **Camera Cable Kit**

2316-21

Encoifications

•	pecifications:		-
	Screen Size	3.5" High-Resolution LCD	
	Camera Resolution	640 x 480	2000
	Camera Head Diameter	12.5 mm (0.49")	ř
	Cable Length	9 ft	
	Wireless Distance	Up to 15 ft	

Includes: (1) M12[™] REDLITHIUM[™] CP1.5 Battery Pack, SD Card, USB Cable, Charger, Carrying Case

M12™ M-SPECTOR FLEX™ **3 ft Inspection Camera** Cable Kit

2315-21

Specifications:

оросиновионо.	1	١.
Screen Size	3.5" High-Resolution LCD	/
Camera Resolution	640 x 480	
Camera Head Diameter	12.5 mm (0.49")	
Cable Length	3 ft	
Wireless Distance	Up to 15 ft	

Includes: (1) M12[™] REDLITHIUM[™] CP1.5 Battery Pack, SD Card, USB Cable, Charger, Carrying Case

M-SPECTOR FLEX™ Inspection Camera Accessories

Compatible with 2317-21, 2316-21, 2315-21

48-53-0155 M-SPECTOR FLEX™ 3 ft Inspection Camera Cable w/ PIVOTVIEW™

48-53-0151 M-SPECTOR FLEX™ 9 ft Inspection Camera Cable 48-53-0150 M-SPECTOR FLEX™ 3 ft Inspection Camera Cable



M12™ M-SPECTOR 360™ **Rotating Inspection** Scope Kit

2313-21 (2313-20 Tool-Only)

Specifications:			
	Screen Size	2.7" High-Resolution LCD	
	Display Resolution	320 x 240	
	Camera Head Diameter	9 mm (0.35")	
	Cable Length	3 ft	
	LED Brightness	4 LEDs, 5 Settings	

Includes: (1) M12[™] REDLITHIUM[™] CP1.5 Battery Pack, Hook, Magnet, Mirror Attachments, Charger, Contractor Bag

M12™ M-SPECTOR 360™ **9 ft Rotating Inspection Scope Kit**

2314-21

Specifications

•	specifications:	
	Screen Size	2.7" High-Resolution LCI
	Display Resolution	320 x 240
	Camera Head Diameter	9 mm (0.35")
	Cable Length	9 ft
	LED Brightness	4 LEDs, 5 Settings

Includes: (1) M12[™] REDLITHIUM[™] CP1.5 Battery Pack, Hook, Magnet, Mirror Attachments, Pipe Guide, Charger, Contractor Bag

M-SPECTOR 360™ Rotating Inspection Scope Accessories

Compatible with 2313-21, 2314-21

48-53-0112 3 Pc Accessory (Includes Hook, Magnet, Mirror Attachments) 48-53-0113 Pipe Guide Accessory



M12™ 12:1 Infrared TEMP-GUN

2278-20 Tool-Only

Specifications:

12:1
-22°F – 1,022°F (-30°C – 550°C)
+/-1.8%
Yes
Yes
Fixed, .95
6 ft

Battery and Charger Sold Separately

M12™ Green Laser Kit -**360° 3-Plane**

3632-21

Specifications:

Range with Detector	165 ft
Working Range	125 ft
Accuracy	+/-1/8" @ 33 ft
Self-Leveling	+/-4° Tilt
Water & Dust Rating	IP54
Impact Resistant	1 m

Includes: (1) M12[™] REDLITHIUM[™] XC4.0 Battery Pack, Target, Charger, Carrying Case



M12™ Green Laser Kit -**Cross Line & Plumb Points**

3622-21 (3622-20 Tool-Only)

Specifications:

Opoomoutione.	
Range with Detector	165 ft
Working Range	125 ft
Accuracy	+/-1/8" @ 33 ft
Self-Leveling	+/-4° Tilt
Water & Dust Rating	IP54
Impact Resistant	1 m

Includes: (1) M12[™] REDLITHIUM[™] CP3.0 Battery Pack, Target, Charger, Carrying Case

USB Rechargeable Green Laser -Cross Line & Plumb Points

3522-21

Specifications:

Ranger with Detector	165 ft
Working Range	100 ft
Accuracy	+/-1/8" @ 33 ft
Self-Leveling	+/-4° Tilt
Water & Dust Rating	IP54
Impact Resistant	1 m



Includes: (1) REDLITHIUM™ USB 3.0 Battery, Heavy Duty Cord and Wall Plug, Riser, Carrying Case

USB Rechargeable Green Laser -Cross Line

3521-21

Specifications:

	Ranger with Detector	165 ft
	Working Range	100 ft
	Accuracy	+/-1/8" @ 33 ft
	Self-Leveling	+/-4° Tilt
	Water & Dust Rating	IP54
	Impact Resistant	1 m



Includes: (1) REDLITHIUM™ USB 3.0 Battery, Heavy Duty Cord and Wall Plug, Carrying Case

USB Rechargeable Green Laser -3-Point

3510-21

Specifications:

t
3" @ 33 ft
Tilt



Includes: (1) REDLITHIUM™ USB 3.0 Battery, Heavy Duty Cord and Wall Plug, Carrying Case

Laser Accessories

Compatible with 3632-21, 3622-21, 3522-21, 3521-21, 3510-21

48-35-1211 165' Laser Line Detector

48-35-1411 72" Laser Tripod

48-35-1311 360° Laser Bracket 48-35-1111 Responsive Laser Alignment Target

48-35-1313 Laser Track Clip

M12™ ROCKET™ Dual Power

2132-20 Tool-Only

Specifications:

Tower Light

Lumens	1,400 / 700
Modes	High, Low
Height	30.5" Collapsed, 5' 8" Fully Extended
Weight	6.7 lbs

Battery and Charger Sold Separately







M12™ ROVER™ Service & Repair Flood Light w/ USB Charging

2367-20 Tool-Only

Specifications:

Lumens	700 / 250
Modes	High, Low
Run-Time (w/ M12 [™] XC4.0 Battery)	8 hr / 24 hr
Water & Dust Rating	IP54
USB Charger	2.1A USB Charging Port for External Devices

CHARGES USB

Battery and Charger Sold Separately

M12™ Metal Flashlight Kit

2355-21 (2355-20 Tool-Only)

Specifications:

Lumens	800 / 325 / 800
Modes	High, Medium, Strobe
Beam Distance	375 yd / 343 m
Beam Focus	Slide, Spot/Flood
Water & Dust Rating	IP54
Structure	6000 Series Aluminum, Type II Anodize Finish
Length / Weight	9.0" / 1.2 lbs

Includes: (1) M12™ REDLITHIUM™ CP1.5 Battery Pack, Lanyard, Charger

M12™ Spot Light

2353-20 Tool-Only

Specifications:

•	
Lumens	750 / 400 / 750
Modes	High, Low, Strobe
Beam Distance	700 yd / 640 m
Water & Dust Rating	IP54
Length / Weight	6.1" / 1.4 lbs

Battery and Charger Sold Separately

Includes: Lanyard

M12™ Underhood Light Kit 2125-21XC (2125-20 Tool-Only)

Specifications:

Lumens	1,350 / 600
Modes	High, Low
Hooks	FINISHGUARD™ to Resist Wear & Provide Lasting Protection
Length / Weight	48" Collapsed, 78" Fully Extended / 2.2 lbs

Includes: (1) M12™ REDLITHIUM™ XC4.0 Battery Pack, Charger



M12™ Underbody Light

2126-21 (2126-20 Tool-Only)

Specifications:

Lumens	1,200 / 800 / 600
Modes	High, Medium, Lov
Water & Dust Rating	IP54
Mounting	Magnetic Base

Battery and Charger Sold Separately

Includes: 2126-21 M12™ Underbody Light, (1) M12™ REDLITHIUM™ XC4.0 Battery Pack, Charger;

> Multi-Position Stainless Steel Hook

9.3" / 0.6 lbs

IP54

2126-20 M12™ Underbody Light

M12™ Stick Light

2351-20 Tool-Only

Lumens

Hands-Free

Specifications:

Water & Dust Rating

Battery and Charger Sold Separately

Holds light to metal surfaces for hands-free use

Related Accessory: 49-24-2351 M12™ Stick Light Magnet

Length / Weight

M12™ Trouble Light w/ USB Charging

2362-20 Tool-Only

Specifications:

Lumens	400 / 200 / 40 / 400
Modes	High, Medium, Low, Strobe
Run-Time	Up to 67 Hours
Beam Pattern	Adjustable Task - Area
Water & Dust Rating	IPX4
Hands-Free	2 Hooks for Hanging
USB Charger	2.1A USB Charging Port for External Devices
Length / Weight	10.5" / 1.0 lb
Battery and Charger Sold Separately	



CHARGES USB

M12™ ROVER™ Mounting Flood Light

2364-20 Tool-Only

Specifications:

Battery and Charger Sold Separately

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Lumens	1,000 / 400 / 200
Modes	High, Medium, Low
Hands-Free	Integrated Magnet, Spring Loaded Clamp
Water & Dust Rating	IP54
Length / Weight	7.5" / 2.2 lbs



M12™ Work Light

49-24-0146 Tool-Only

Specifications:

Lumens	100
Hands-Free	Integrated Magnet
Head Rotation	90°

Battery and Charger Sold Separately



Jacket Kit

Black 204B-21 (S - 3X)*, 204B-20 Jacket-Only 204B Gray 204G-21 (S - 3X)*, 204G-20 Jacket-Only 204G Red 204R-21 (S - 3X)*, 204R-20 Jacket-Only 204R Blue 204BL-21 (S - 3X)*, 204BL-20 Jacket-Only 204B

Specifications:

Heat Zones	3 (Chest, Back, Pockets)
Heat Settings	3 (High, Medium, Low)
Run-Time	Up to 12 Hours
Battery Pocket	Battery Pass-Thru, Front or Back Pocket
Outer Material	TOUGHSHELL™ Stretch Polyester
Wind / Water Resistant	Yes
Washer / Dryer Safe	Yes

Includes: (1) M12[™] REDLITHIUM[™] CP3.0 Battery Pack, Micro-USB 3 ft Cable and Wall Plug, Charger and Power Source

M12™ Women's Heated **SOFTSHELL Jacket Kit**

Black 232B-21 (S - 2X)*, 232B-20 Jacket-Only 232B

Specifications:

Heat Zones	3 (Back, Collar, Pockets)	
Heat Settings	3 (High, Medium, Low)	
Run-Time	Up to 8 Hours	- 4
Outer Material	Polyester SOFTSHELL	
Wind / Water Resistant	Yes	
Washer / Dryer Safe	Yes	

Includes: (1) M12™ REDLITHIUM™ CP2.0 Battery Pack, Micro-USB 3 ft Cable and Wall Plug, Charger and Power Source

M12™ Heated QUIETSHELL **Jacket Kit**

Camo 222C-21 (S - 3X)*, 222C-20 Jacket-Only Specifications:

Heat Zones	3 (Chest, Back, Pockets)
Heat Settings	3 (High, Medium, Low)
Run-Time	Up to 8 Hours
Outer Material	QUIETSHELL Stretch Polyester
Wind / Water Resistant	Yes
Washer / Dryer Safe	Yes
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Includes: (1) M12™ REDLITHIUM™ CP2.0 Battery Pack, Micro-USB 3 ft Cable and Wall Plug, Charger and Power Source

M12™ Heated AXIS™ Layering System w/ HYDROBREAK™ Rain Shell Kit

Black/Gray 203RN-21 (S - 3X)*

Specifications:

Heat Zones	3 (Chest, Back, Shoulders)
Heat Settings	3 (High, Medium, Low)
Run-Time	Up to 8 Hours
Outer Material	Polyurethane Laminate / Ripstop Polyester
Waterproof	10K mm
Washer / Dryer Safe	Yes

Includes: HYDROBREAK™ Rain Shell, M12™ Heated AXIS™ Jacket, (1) M12™ REDLITHIUM™ CP2.0 Battery Pack, Micro-USB 3 ft Cable and Wall Plug, Charger and Power Source



M12™ Heated AXIS™ Layering System w/ GRIDIRON™ Work Shell Kit

Black 255B-21 (S - 3X)* Specifications:

Heat Zones	3 (Chest, Back, Shoulders)
Heat Settings	3 (High, Medium, Low)
Run-Time	Up to 8 Hours
Outer Material	GRIDIRON™ Ripstop Polyester
Insulation	60G Body / 40G Sleeve
Washer / Dryer Safe	Yes

Includes: GRIDIRON™ Work Shell, M12™ Heated AXIS™ Jacket, (1) M12™ REDLITHIUM™ CP2.0 Battery Pack, Micro-USB 3 ft Cable and





M12™ Heated AXIS™ **Jacket Kit**

Black 203B-21 (S – 3X)*, 203B-20 Jacket-Only 2030G Olive Green 203OG-21 (S - 3X)*, 203OG-20 Jacket-Only Specifications:

Heat Zones	3 (Chest, Back, Shoulders)
Heat Settings	3 (High, Medium, Low)
Run-Time	Up to 8 Hours
Outer Material	AXIS™ Ripstop Polyester
Wind / Water Resistant	Yes
Washer / Dryer Safe	Yes

Includes: (1) M12[™] REDLITHIUM[™] CP2.0 Battery Pack, Micro-USB 3 ft Cable and Wall Plug, Charger and Power Source



M12™ Women's Heated AXIS **Jacket Kit**

Black 233B-21 (S - 2X)*, 233B-20 Jacket-Only 233B **Specifications:**

•	
Heat Zones	3 (Chest, Back, Shoulders)
Heat Settings	3 (High, Medium, Low)
Run-Time	Up to 8 Hours
Outer Material	AXIS™ Ripstop Polyester
Wind / Water Resistant	Yes
Washer / Dryer Safe	Yes

Includes: (1) M12[™] REDLITHIUM[™] CP2.0 Battery Pack, Micro-USB 3 ft Cable and Wall Plug, Charger and Power Source







M12™ Heated AXIS™ **Vest Kit**

Black 303B-21 (S - 3X)*, 303B-20 Vest-Only **Specifications:**

Heat Zones	2 (Chest, Back)
Heat Settings	3 (High, Medium, Low)
Run-Time	Up to 6 Hours
Outer Material	AXIS™ Ripstop Polyester
Wind / Water Resistant	Yes
Washer / Dryer Safe	Yes

Includes: (1) M12[™] REDLITHIUM[™] CP1.5 Battery Pack, M12™ Battery Holder, Charger

M12™ Women's Heated AXIS™ **Vest Kit**

Black 333B-21 (S - 2X)*, 333B-20 Vest-Only Specifications:

Opeoilioations:		
Heat Zones	2 (Chest, Back)	
Heat Settings	3 (High, Medium, Low)	
Run-Time	Up to 6 Hours	
Outer Material	AXIS™ Ripstop Polyester	
Wind / Water Resistant	Yes	
Washer / Dryer Safe	Yes	

Includes: (1) M12[™] REDLITHIUM[™] CP1.5 Battery Pack, M12™ Battery Holder, Charger

M12™ Heated Hoodie Kit

Black 302B-21 (S - 3X)*, 302B-20 Hoodie-Only Gray 302G-21 (S - 3X)*, 302G-20 Hoodie-Only

Red 302R-21 (S - 3X)*, 302R-20 Hoodie-Only Navy Blue 302BL-21 (S - 3X)*,

302BL-20 Hoodie-Only **Specifications:**

Heat Zones	2 (Chest, Back)
Heat Settings	3 (High, Medium, Low)
Run-Time	Up to 6 Hours
Wind Resistant	Yes
Washer / Dryer Safe	Yes

Includes: (1) M12[™] REDLITHIUM[™] CP1.5 Battery Pack, M12™ Battery Holder, Charger





405B-21 (S - 3X)*

Specifications:

Heat Zones	2 (Chest, Back)
Heat Settings	2 (High, Low)
Run-Time	Up to 3 Hours
Material	WORKSKIN™ Midweight Fabric Construction
Washer / Dryer Safe	Yes

Includes: (2) REDLITHIUM™ USB 3.0 Batteries, USB Charger/Controller, Heavy Duty Cord and Wall Plug

USB Rechargeable **Heated Gloves Kit**

561-21 (M - XL)*

Specifications:

Heat Zones	2 (Fingers, Back of Hand)
Heat Settings	3 (High, Medium, Low)
Run-Time	Up to 6 Hours
Material	GRIDIRON™ Ripstop Polyester
Wind / Water Resistant	Yes

Includes: (2) REDLITHIUM™ USB Batteries, (2) USB Charger/Controllers, Heavy Duty Cord and Wall Plug

M18[™] / M12[™] Wireless **Jobsite Speaker** 2891-20 Tool-Only

Specifications:

Modes	Bluetooth®, AUX (Cable Not Included)	Bluetooth
Bluetooth® Range	100 ft	
USB Charging Port	2.1A USB Charging Port for Ex	ternal Devices

Battery and Charger Sold Separately

Includes: AC Adapter

CHARGES



ANA ENA DIVISTA SALO







M12™ Radio + Charger

2951-20 Tool-Only

Specifications:

vioues	AIVI, FIVI, BIUELOOLITE
Bluetooth® Range	100 ft
JSB Charging Port	2.1A USB Charging Port for External Devices

Battery and Charger Sold Separately

Includes: AC Adapter, (2) AAA Batteries





M12™ Wireless Jobsite Speaker

2592-20 Tool-Only

Specifications:

Modes	Bluetooth®, AUX (Cable Not Included)
Bluetooth® Range	30 ft
USB Charging Port	2.1A USB Charging Port for External Devices

Battery and Charger Sold Separately

CHARGES





M12™ Compact Inflator Kit

2475-21XC (2475-20 Tool-Only)

Specifications:

- 120 PSI
6"
/- 3%
0% at 10 Minutes On nd 10 Minutes Off
5" / 2.2 lbs

Includes: (1) M12[™] REDLITHIUM[™] XC4.0 Battery Pack, (4) Attachments (Ball Inflation Needle, Presta Chuck, Inflator Nozzle, Schrader Chuck), Charger

M12™ Compact Spot Blower

0852-20 Tool-Only

Specifications:

Air Volume	175 CFM	Total Parket
Air Velocity	110 MPH	
Length (without 10" extension)	15"	
Height	8.5"	
Width	4.7"	
Weight	3.3 lbs	

Battery and Charger Sold Separately

Includes: Extension Nozzle, Rubber Nozzle, Wide Sweeping Nozzle

M12 FLEL

1.6 Gallon Wet/Dry Vacuum Kit

0960-21 (0960-20 Tool-Only)

Specifications:

Air Volume	45 CFM
Suction (H ₂ 0)	42"
Run-Time (w/ M12™ XC6.0 Battery)	Up to 26 Min
Inlet Diameter	1-1/4"
Weight	9.7 lbs

HEPA Includes: HEPA Filter, Crevice Tool, Utility Nozzle, Wall Mount,

5' Flexible Hose; **0960-21:** (1) M12™ REDLITHIUM™ XC6.0 Battery Pack, Charger Related Accessories:

49-90-1900 HEPA Filter **49-90-2015** Foam Wet Filter

49-90-2017 1-1/4" Round Brush Tool 49-90-2018 Vacuum Power Tool Adapter



M12™ Compact Vacuum

0850-20 Tool-Only

Specifications:

Air Volume	33 CFM
Suction (H ₂ 0)	15"
Run-Time (w/ M12™ XC4.0 Battery)	Up to 29 mins
Inlet Diameter	1-1/4"
Weight	2.3 lbs

Battery and Charger Sold Separately

Includes: Utility Nozzle, Extension Wand, Crevice Tool, Filter Assembly

Related Accessory: 49-90-1950 Filter

M12™ Power Source

49-24-2310

Specifications:

USB Charging Port 2.1A USB Charging Port for External Devices On-Board Fuel Gauge Powered By All M12™ Batteries

Battery Sold Separately

Powers all MILWAUKEE® M12™ Heated Gear

Related Accessory:

48-59-1201 M12™ Compact Charger and Power Source

M12™ REDLITHIUM™ XC4.0 **System Starter Kit**

M12™ REDLITHIUM™ CP2.0

System Starter Kit

Includes: (1) M12™ REDLITHIUM™ CP2.0 Battery Pack, Charger

48-59-2440

48-59-2420

Includes: (1) M12[™] REDLITHIUM[™] XC4.0 Battery Pack, Charger



M18™ & M12™ Rapid Charger

48-59-1808

Specifications:	
Compatibility	All M18 [™] and M12 [™] Batteries
Charge Sequence	Sequential (First In, First Charged)
Charge Speed	Charges Individual Batteries up to 40% Faster
On-Board Indicator Light	Yes
Integrated Hang-Holes	Yes
Cell Voltage Monitoring	Yes

Batteries Sold Separately

48-59-1812

Specifications:

Compatibility	All M18 [™] and M12 [™] Batteries
Charge Sequence	Sequential (First In, First Charged)
Integrated Hang-Holes	Yes
On-Board Indicator Light	Yes
Cell Voltage Monitoring	Yes

Batteries Sold Separately

M18™ & M12™ Multi-Voltage Charger

	Compatibility	All M18 [™] and M12 [™] Batteries	
	Charge Sequence	Sequential (First In, First Charged)	
	Integrated Hang-Holes	Yes	
	On-Board Indicator Light	Yes	
	Cell Voltage Monitoring	Yes	

M18™ & M12™ Vehicle Charger

Specifications:

	Compatibility	All M18 [™] and M12 [™] Batteries
	Charge Sequence	Sequential (First In, First Charged)
	On-Board Indicator Light	Yes
	Cell Voltage Monitoring	Yes

48-59-1810

	Compatibility	All M18 [™] and M12 [™] Batteries
	Charge Sequence	Sequential (First In, First Charged)
	On-Board Indicator Light	Yes
	Cell Voltage Monitoring	Yes

Batteries Sold Separately

M12[™] Four Bay **Sequential Charger**

48-59-1204

Specifications:		
Compatibility	All M12™ Batteries	
Charge Sequence	Sequential (First In, First Charged)	
Integrated Hang-Holes	Yes	
Skip Button	Manually Designate which Battery Charges First	
On-Board Indicator Light	Yes	
Cell Voltage Monitoring	Yes	

Batteries Sold Separately

and Power Source 48-59-1201

M12™ Compact Charger

Specifications:

Compatibility	All M12™ Batteries
USB Charging Port	2.1A USB Charging Port for External Devices
On-Board Indicator Light	Yes
Cell Voltage Monitoring	Yes
Charges By	USB Port or AC Outlet

Battery Sold Separately

Includes: 3 ft Micro-USB Cable and 2.1A Wall Charger

Yes

M18™ & M12™ Rapid Charge Station

48-59-1807

Specifications:		
Compatibility	All M18™ and M12	2™ Batteries
Charge Sequence	Charges 3 Batter	ries Simultaneously
Charge Speed	Charges Individu up to 40% Faster	
Capacity	Holds (3) M18™ an	d (3) M12™ Batteries
Integrated Hang-Holes	Yes	_
Cell Voltage Monitoring	Yes	A
Pass-Through Plug	Yes	

M12™ Charger 48-59-2401 Specifications: All M12™ Batteries Compatibility

Cell Voltage Monitoring Battery Sold Separately

Integrated Hang-Holes On-Board Indicator Light



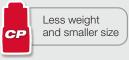
















48-11-2420 M12™ REDLITHIUM™ CP2.0 Battery Pack

CP3.0 Battery Pack



48-11-2401 M12[™] REDLITHIUM[™] CP1.5 Battery Pack

48-11-2411 2-Pack



More power and run-time



48-11-2460 M12™ REDLITHIUM™ XC6.0 Battery Pack

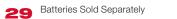


48-11-2440 M12™ REDLITHIUM™ XC4.0 Battery Pack



48-11-2402 M12[™] REDLITHIUM[™] XC3.0 Battery Pack

48-11-2412 2-Pack





PERSONAL LIGHTING

MILWAUKEE® delivers the industry's first line of trade focused, high performance personal lights designed to ADAPT, PERFORM AND SURVIVE. Built to withstand the toughest conditions on and off the jobsite, MILWAUKEE® lights combine the best cordless battery and LED technology delivering convenient, portable solutions that increase productivity and safety.



REDLITHIUM USB

RECHARGEABLE

ALL DAY RUN-TIME

3X FASTER

MILWAUKEE® delivers the industry's first line of trade focused, high performance personal lights designed to get maximum performance and user driven innovation with REDLITHIUM™ USB Personal Lights. REDLITHIUM™ USB lights combine the best in cordless battery and LED technology to deliver High Output with ALL DAY RUN-TIME, More Recharges and 3X Faster Charge Time. Get more from REDLITHIUM" USB with one battery that powers multiple solutions.

POWERED BY





RECHARGEABLE

ALL NEW SUB-COMPACT RECHARGEABLE LIGHTS

Where work makes size critical, MILWAUKEE® Rechargeable Personal Lights leverage a built-in battery and USB charging to deliver high performance output and rechargeable capabilities in the most compact personal lights.







REDLITHIUM™ USB Hard Hat Headlamp Kit

Lumens	475 / 300 / 300, 150, 25
Modes	Spot/Flood, Spot – High, Flood – High/Medium/Low
Water & Dust Rating	IP54
Powered By	REDLITHIUM™ USB

Includes: (1) REDLITHIUM™ USB Battery. 2 ft Heavy Duty USB Cord, Hard Hat Clips



REDLITHIUM™ USB 1,100L **Twist Focus Flashlight**

2161-21

umens	1,100 / 600 / 100
Modes	High, Medium, Low
pot Beam Distance	175 m
Beam Focus	Twist Focus, Spot/Flood
Vater & Dust Rating	IP54
owered By	REDLITHIUM™ USB

Includes: (1) REDLITHIUM™ USB 3.0 Battery, 2 ft Heavy Duty USB Cord



REDLITHIUM™ USB 800L Compact Flashlight

Lumens	800 / 100
Modes	High, Low
Spot Beam Distance	150 m
Beam Focus	Bullseye Beam
Water & Dust Rating	IP54
Powered By	REDLITHIUM™ USB

Includes: (1) REDLITHIUM™ USB Battery Pack, 2 ft Heavy Duty USB Cord



REDLITHIUM™ USB Low-Profile Headlamp Kit

2115-21

Lumens	600 / 350 / 125 / 25
Modes	High, Medium, Low, Eco
Battery Position	Rear
Water & Dust Rating	IP54
Powered By	REDLITHIUM™ USB

Includes: (1) REDLITHIUM™ USB Battery, 2 ft Heavy Duty USB Cord, (4) Hard Hat Clips





REDLITHIUM™ USB ROVER™ Magnetic Flood Light Kit

2112-21

Lumens	445 / 100
Modes	High, Low
Hands-Free	Dual Magnets
Water & Dust Rating	IP54
Height	6.0"
Powered By	REDLITHIUM™ USB

Includes: (1) REDLITHIUM™ USB Battery. 2 ft Heavy Duty USB Cord



REDLITHIUM™ USB BEACON™ **Hard Hat Light Kit**

	Lumens	600 / 400, 200, 25 / 400
	Modes	Spot/Flood, Flood - High/Medium/Low Spot - High
	BEACON™ Mode	Steady & Blinking
	Spot Beam Distance	125 m
	Water & Dust Rating	IP54
	Powered By	REDLITHIUM™ USB

Includes: (1) REDLITHIUM™ USB Battery, 2 ft Heavy Duty USB Cord, (2) Hard Hat Clips







REDLITHIUM™ USB Pivoting Flashlight Kit

2113-21

Lumens	500 / 400 / 100
Modes	Spot - High, Flood - High, Flood - Low
Spot Beam Distance	155 m
Pivoting Head	110°
Water & Dust Rating	IP54
Height	6.3"
Powered By	REDLITHIUM™ USB



Includes: (1) REDLITHIUM™ USB Battery, 2 ft Heavy Duty USB Cord

MILWAUKEE® Spot/Flood

Headlamp

Spot Beam Distance

Water & Dust Rating

Powered By

2104

Lumens Modes

REDLITHIUM™ USB ROVER™ Pivoting Flood Light Kit

2114-21

Lumens	550 / 250 / 100
Modes	High, Medium, Low
Pivoting Head	210°
Water & Dust Rating	IP54
Height	4.4"
Powered By	REDLITHIUM™ USB

Includes: (1) REDLITHIUM™ USB Battery, 2 ft Heavy Duty USB Cord





REDLITHIUM™ USB Portable Power Source and Charger Kit

48-59-2013

2010R

Lumens Modes

Laser

Powered By

Water & Dust Rating

Includes: USB Charging Cable

Cell Chemistry	LITHIUM-ION
On-Board Indicator Light	Yes
Cell Voltage Monitoring	Yes
USB Charging Port	2.1A USB Charging Port for External Devices
Height	3.9"

Includes: (1) REDLITHIUM™ USB Battery, REDLITHIUM™ USB CHARGES Portable, 2 ft Heavy Duty USB Cord, Power Source and Charger USB

Rechargeable 250L Penlight w/ Laser

Integrated Laser Pointer Built-In-Battery

250 / 50

IP54

High, Low



Rechargeable 450L Magnetic Headlamp and Task Light

2012B

2105

2103

Lumens

Modes

Impact Rating

Water & Dust Rating Powered By

Lumens

Height

Powered By

Water & Dust Rating

Includes: (2) AAA Batteries

201211	
Lumens	500 / 100 / 10
Modes	High, Medium, Low
Water & Dust Rating	IP67
Mounting	Detachable Magnetic Light Head
Powered By	Built-In-Battery

Includes: USB Charging Cable

MILWAUKEE® Penlight

MILWAUKEE® Headlamp

Includes: (4) Hard Hat Clips, (3) AAA Batteries

100

IP67

5.4"

(2) AAA

350 / 150 / 25

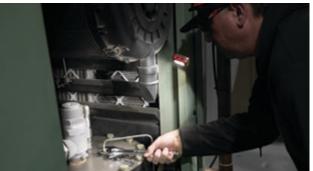
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IP54

(3) AAA

High, Medium, Low

MILWAUKEE® C I, II, III / D 1 Intrinsically



MILWAUKEE® 325L Focusing Flashlight

450 / 350, 150, 25 / 350

Flood - High/Medium/Low,

Spot/Flood,

Spot

100 m

IP54 (3) AAA

Includes: (4) Hard Hat Clips, (3) AAA Batteries

Lumens	325 / 25
Modes	High, Low
Spot Beam Distance	115 m
Beam Focus	Slide, Spot/Flood
Water & Dust Rating	IP67
Height	5.0"
Powered By	(3) AAA

Includes: (3) AAA Batteries

2107S Also Available, Includes Holster



REDLITHIUM™ USB Utility Hot Stick Light Kit

2119-22

2.1A Wall Plug

48-11-2131

Voltage

Amp Hours

Cell Chemistry

Lumens	350, 100
Modes	Flood – High/Low
kV Rating	100kV
Water & Dust Rating	IP67
Height / Length	0.5" / 7.4"
Powered By	REDLITHIUM™ USB

REDLITHIUM™ USB3.0 Battery

Includes: (2) REDLITHIUM™ USB Batteries, 2 ft Heavy Duty USB Cord,

REDLITHIUM™ USB Charger & Portable Power Source, 12V DC Vehicle Plug,

LITHIUM-ION



Rechargeable 500L Every Day Carry Flashlight w/ Magnet

2011R

2011h	
Lumens	500 / 100 / 10
Modes	High, Medium, Low
Water & Dust Rating	IP67
Hands-Free	Magnetic Mounting
Powered By	Built-In-Battery

Includes: USB Charging Cable, (4) Hard Hat Clips



ROVER™ Magnetic Flood Light

Lumens	300 / 100
Modes	High, Low
Water & Dust Rating	IP54
Height	4.8"
Powered By	(2) AA

Includes: (2) AA Batteries

REDLITHIUM™ USB Portable Power Source and Charger

48-59-2012

Cell Chemistry	LITHIUM-ION
On-Board Indicator Light	Yes
Cell Voltage Monitoring	Yes
USB Charging Port	2.1A USB Charging Port for External Devices
Height	3.9"

Includes: REDLITHIUM™ USB Portable, 2 ft Heavy Duty USB Cord, Power Source and Charger



CHARGES USB





Includes: Rubber Strap, Nylon Strap, DUAL LOCK™ Adhesive, (4) Hard Hat Clips, Hex Wrench, (3) AAA Batteries





			PIE	2 CE K	ITS			4 PIECE KIT
M12™ COMBO KITS		2494-22	2497-22	2577-21	2582-22	2596-22	2598-22	2498-24
Kit Tool Total	2	2	2	2	2	2	2	4
M12 FUEL™ Low Speed Tire Buffer								
M12 FUEL™ 1/2" Hammer Drill/Driver								
M12™ 3/8" Hammer Drill/Driver								
M12 FUEL™ 1/2" Drill/Driver								
M12 [™] 3/8" Drill/Driver								
M12 FUEL™ 1/4" Hex Impact Driver								
M12™ 1/4" Hex Impact Driver								
M12 FUEL™ SURGE™ 1/4" Hex Hydraulic Driver								
M12™ HACKZALL® Reciprocating Saw								
M12™ TRAPSNAKE™ 6' Toilet Auger								
TRAPSNAKE™ 4' Urinal Auger Extension								
M12™ Work Light								
Also Includes								
M12™ Charger								
M12™ REDLITHIUM™ CP1.5 Battery Pack		2	2	1				2
M12™ REDLITHIUM™ CP2.0 Battery Pack	1				1	1	1	
M12™ REDLITHIUM™ XC4.0 Battery Pack	1				1	1	1	
Carrying Case								
Contractor Bag								



M12

















PERFORMANCE DRIVEN TRADE FOCUSED SYSTEM WIDE





ALL M18 TOOLS FIT M18 BATTERIES
200+ TOOLS



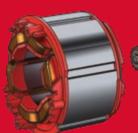
DRIVEN TO OUTPERFORM.

For the first time in power tool history, M18 FUEL™ products are delivering game-changing corded performance without the cord. The motors on MILWAUKEE® M18 FUEL™ tools are more powerful and energy efficient – outliving any other brand. To add to the revolutionary technology, M18 FUEL™ possesses the smartest electronics found in any power tool. REDLINK PLUS™ electronics manage an array of power requirements across 200+ M18™ tools using one common battery. MILWAUKEE® built, the M18™ Battery delivers cleaner, more consistent power, lasts longer and delivers more run-time in the harshest jobsite conditions.











POWERSTATE BRUSHLESS MOTOR

This best-in-class brushless motor works harder and lives longer than all leading competitors.

- MILWAUKEE® Designed and Built Brushless Motor
- Outperforms All Leading Competitors
- Longer Motor Life



PREDLINK PLUS™INTELLIGENCE

The most advanced system of hardware and software in cordless power tool electronics today.

- Most Advanced Electronic System
 on the Market for Maximum Performance
- Total System Communication with Overload Protection Increases Tool Life



REDLITHIUM™ XC5.0 BATTERY PACK

Compatible with the entire M18™ System, it delivers more run-time, power and recharges than the competition.

- Most Durable Pack on the Market
- Over 2X More Recharges than Leading Competitor
- Fuel Gauge Displays Remaining Charge
- Operates Below -18°C / 0°F







PERFORMANCE DRIVEN TRADE FOCUSED SYSTEM WIDE

M18 FUEL

1/2" Hammer Drill/Driver w/ ONE-KEY™ Kit

2806-22 (2806-20 Tool-Only)

Specifications:

Peak Torque	1,200 in-lbs
RPM	0 - 550 / 0 - 2,000
BPM	0 – 32,000
DRIVE CONTROL™	3-Mode (Customizable)
Chuck Type	1/2" All Metal Ratcheting
Length / Weight	6.9" / 4.8 lbs

Includes: (2) M18[™] REDLITHIUM[™] XC5.0 Battery Packs, Belt Clip, Bit Holder, Side Handle, Multi-Voltage Charger, Carrying Case



1/2" Hammer Drill/Driver Kit

2804-22 (2804-20 Tool-Only)

Specifications:

Peak Torque	1,200 in-lbs
RPM	0 - 550 / 0 - 2,000
BPM	0 – 32,000
Chuck Type	1/2" All Metal Ratcheting
Length / Weight	6.9" / 4.8 lbs

Includes: (2) M18[™] REDLITHIUM[™] XC5.0 Battery Packs, Belt Clip, Bit Holder, Side Handle, Multi-Voltage Charger, Carrying Case





M18[™] 1/2[□] Hammer **Drill/Driver Kit**

2607-22, 2607-22CT (2607-20 Tool-Only)

Specifications:

Peak Torque	500 in-lbs
RPM	0 - 450 / 0 - 1,800
BPM	0 – 28,800
Chuck Type	1/2" All Metal Ratcheting
Length / Weight	7.8" / 4.5 lbs

Includes: 2607-22 (2) M18™ REDLITHIUM™ XC3.0 Battery Packs; **2607-22CT** (2) M18[™] REDLITHIUM[™] CP1.5 Battery Packs; All Kits Include: Multi-Voltage Charger, Carrying Case



Peak Torque RPM 0 - 550 / 0 - 2,000DRIVE CONTROL" 3-Mode (Customizable) 1/2" All Metal Ratcheting Chuck Type 6.9" / 4.8 lbs Length / Weight

Includes: (2) M18™ REDLITHIUM™ XC5.0 Battery Packs, Belt Clip, Bit Holder, Side Handle, Multi-Voltage Charger, Carrying Case



1/2" Drill/Driver Kit

2803-22 (2803-20 Tool-Only)

Specifications:

Peak Torque	1,200 in-lbs
RPM	0 - 550 / 0 - 2,000
Chuck Type	1/2" All Metal Ratcheting
Length / Weight	6.9" / 4.8 lbs

Includes: (2) M18[™] REDLITHIUM[™] XC5.0 Battery Packs, Belt Clip, Bit Holder, Side Handle, Multi-Voltage Charger, Carrying Case



M18 FUEL Mud Mixer w/ 180° Handle Kit

2810-22 (2810-20 Tool-Only)

Specifications:

RPM	0 – 550
DRIVE CONTROL™	8-Speed Dial
Handle Type	180° Rotating Handle
Chuck Type	1/2" Keyed
Length / Weight	16.6" / 7.7 lbs

Includes: (2) M18[™] REDLITHIUM[™] XC5.0 Battery Packs, Chuck Key, Multi-Voltage Charger, Contractor Bag



M18™ 1/2" Compact **Brushless Drill/Driver Kit**

2801-22CT (2801-20 Tool-Only)

M18™ 1/2" Compact **Drill/Driver Kit**

Multi-Voltage Charger, Carrying Case

2606-22CT (2606-20 Tool-Only)

Specifications:

Peak Torque

Chuck Type

Length / Weight

RPM

Specifications:

Peak Torque	500 in-lbs
RPM	0 - 500 / 0 - 1,800
Chuck Type	1/2" All Metal Ratcheting
Length / Weight	6.5" / 3.7 lbs

Includes: (2) M18™ REDLITHIUM™ CP2.0 Battery Packs,



Belt Clip, Multi-Voltage Charger, Carrying Case

500 in-lbs

7.3" / 3.8 lbs

Includes: (2) M18[™] REDLITHIUM[™] CP1.5 Battery Packs,

0 - 450 / 0 - 1,800

1/2" All Metal Ratcheting



HOLE HAWG® 1/2" Right Angle Drill Kit

2807-22 (2807-20 Tool-Only)

Specifications:

RPM	1 – 1,500	
Chuck Type	1/2" All Metal Keyed	
Capacity	For Augers up to 1-1/4"; Self-Feed Bits up to 2"	
Built-In LED	Yes	
Lenath / Weight	15.6" / 7.7 lbs	

Includes: (2) M18™ REDLITHIUM™ HIGH OUTPUT™ XC6.0 Battery Packs, Chuck Key, Key Holder, Top Handle, Rapid Charger, Carrying Case



M18™ Brushless 1/2" Hammer Drill/Driver Kit

2902-22 (2902-20 Tool-Only)

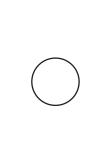
Specifications:

opeomoation.	3.
Peak Torque	725 in-lbs
RPM	0 - 550 / 0 - 1,800
Chuck Type	1/2" All Metal Ratcheting
Lenath / Weight	7.0" / 4.6 lbs

Includes: (2) M18[™] REDLITHIUM[™] XC4.0 Battery Packs, Belt Clip, Side Handle, Multi-Voltage Charger, Carrying Case







M18™ 3/8" Right Angle **Drill/Driver Kit**

2615-21, 2615-21CT (2615-20 Tool-Only)

Specifications:

Peak Torque	125 in-lbs
RPM	0 – 1,500
Clutch Settings	11 Settings plus Drill Mode
Chuck Type	3/8" Single Sleeve
Head Profile	3-3/4"
Weight	4.3 lbs

Includes: 2615-21 (1) M18™ REDLITHIUM™ XC3.0 Battery Pack; **2615-21CT** (1) M18™ REDLITHIUM™ CP1.5 Battery Pack; All Kits Include: Multi-Voltage Charger, Carrying Case



M18 FUEL **HOLE HAWG® Right Angle Drill Kit** w/ QUIK-LOK™

2808-22 (2808-20 Tool-Only) Specifications

specifications:		
RPM	1 – 1,500	
Chuck Type	7/16" QUIK-LOK™	
Capacity	For Augers up to 1-1/4"; Self-Feed Bits up to 2"	
Built-In LED	Yes	
	45 01 / 3 4 11	

Length / Weight 15.6" / 7.1 lbs

Includes: (2) M18™ REDLITHIUM™ HIGH OUTPUT™ XC6.0 Battery Packs, Top Handle, Rapid Charger, Carrying Case



M18 FUEL SUPER HAWG™ 1/2" **Right Angle Drill Kit**

2809-22 (2809-20 Tool-Only)



RPM	0 – 1.550
Chuck Type	1/2" All Metal Keyed
Capacity	For Self-Feed Bits up to 4-5/8"; Hole Saws up to 6-1/4"
Length / Weight	20.5" / 14.4 lbs

Includes: (2) M18[™] REDLITHIUM[™] HIGH OUTPUT[™] XC6.0 Battery Packs, Top Handle, Side Handle, Chuck Key, Rapid Charger, Contractor Bag

Drill Kit w/ QUIK-LOK™

2811-22 (2811-20 Tool-Only) Specifications:

Opcomoduc	
RPM	0 - 15

	0 1,000
Chuck Type	7/16" Hex QUIK-LOK™
Capacity	For Self-Feed Bits up to 4-5/8"; Hole Saws up to 6-1/4"
Length / Weight	20.5" / 14.9 lbs

Includes: (2) M18™ REDLITHIUM™ HIGH OUTPUT™ XC6.0 Battery Packs, Top Handle, Side Handle, Rapid Charger, Contractor Bag

M18 FUEL

1-1/2" Magnetic Drill Kit

2787-22HD

Specifications:

Capacity	1-1/2" Annular Cutter; 1/2" Twist Bit
RPM	400 / 690
Magnet	Operates Without Electricity
Dimensions (L x W x H)	13.8" x 7.5" x 15.5"
Weight	30.5 lbs

Includes: (2) M18[™] REDLITHIUM[™] HIGH OUTPUT[™] XC8.0 Battery Packs, Magnetic Lubrication Tank, 3/4" Weldon to 1/2" Chuck Adapter, Chuck Key, (2) 1" Retracting Pilot Pins, Safety Strap, Rapid Charger, Carrying Case



Specifications:

2788-22HD

Capacity	1-1/2" Annular Cutter; 1/2" Twist Bit
RPM	400 / 690
Magnet	Operates Without Electricity
Dimensions (L x W x H)	13.8" x 7.5" x 15.5"
Weight	30.4 lbs

Includes: (2) M18[™] REDLITHIUM[™] HIGH OUTPUT[™] XC8.0 Battery Packs, Magnetic Lubrication Tank, 3/4" Weldon to 1/2" Chuck Adapter, Chuck Key, (2) 1" Retracting Pilot Pins, Safety Strap, 12V Inverter, Rapid Charger, Carrying Case

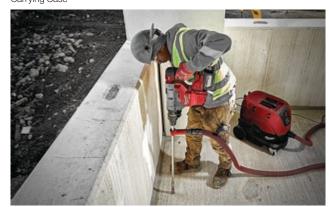
M18 FUEL 1-3/4" SDS Max Rotary Hammer w/ ONE-KEY™ Kit

2718-22HD, 2718-21HD (2718-20 Tool-Only) Specifications:

Impact Energy	8.1 ft-lbs
RPM	0 – 380
BPM	0 – 2,900
Clutch	AUTOSTOP™ E-Clutch
Vibration	10 m/s ²
2-Mode Operation	Rotary Hammer and Hammer Only
Weight	19.7 lbs

Includes: 2718-22HD (2) M18™ REDLITHIUM™ HIGH OUTPUT™ HD12.0 Battery Packs; **2718-21HD** (1) M18™ REDLITHIUM™ HIGH OUTPUT™ HD12.0 Battery Pack;

All Kits Include: Side Handle, Grease Tube, Rapid Charger,



1-9/16" SDS Max **Rotary Hammer Kit**

2717-22HD (2717-20 Tool-Only) Specifications:

Specili	Cation	J .	
RPM		0 – 450	
BPM		0 – 3,000	RE
Impact Er	ergy	5.1 ft-lbs	HIGH
2-Mode C	peration	Rotary Hammer	and Hammer Only
Weight		13.8 lbs	

Includes: (2) M18[™] REDLITHIUM[™] HIGH OUTPUT[™] XC8.0 Battery Packs, Side Handle, Depth Rod, Rapid Charger, Carrying Case

1-1/8" SDS Plus **Rotary Hammer** w/ ONE-KEY™ & **HAMMERVAC Dedicated Dust Extractor Kit**

2915-22DE (2915-20 Tool-Only) Specifications:

RPM	0 - 800
BPM	0 – 4,600
Impact Energy	3.6 ft-lbs
	D : 11

3-Mode Operation Rotary Hammer, Hammer Only and Rotation Only 11.2 lbs

Includes: (2) M18™ REDLITHIUM™ HIGH OUTPUT™ XC6.0 Battery Packs, HAMMERVAC™ Dedicated Dust Extractor, Side Handle w/ Depth Gauge, Large Diameter Dust Nozzle, Small Diameter Dust Nozzle, Rapid Charger, Carrying Case



2915-DE



Includes: Replacement Nozzle, HEPA Filter M18 FUEL

1" SDS Plus **Rotary Hammer Kit**

2912-22, 2912-22DE (2912-20 Tool-Only)

Specifications:

RPM	0 – 1,330	
BPM	0 – 4,800	REDLITHIUM HIGH OUTPUT XC6
Impact Energy	2 ft-lbs	
3-Mode Operation	Rotary Hammer, Hamme	er Only and Rotation Only
Weight	9.1 lbs	

Includes: 2912-22 (2) M18™ REDLITHIUM™ HIGH OUTPUT™XC6.0 Battery Packs: **2912-22DE** (2) M18™ REDLITHIUM™ HIGH OUTPUT™ XC6.0 Battery Packs, HAMMERVAC™ Dedicated Dust Extractor, Large Diameter Dust Nozzle, Small Diameter Dust Nozzle;

All Kits Include: Side Handle w/ Depth Rod, Rapid Charger,



M18 FUEL **HAMMERVAC**" 1" Dedicated **Dust Extractor**

Specifications:

2912-DE

Specifications.		-
	Compatibility	For use with 2912
	AUTOPULSE™ Filter	Yes

Cleaning Mechanism No Exposure Dust Removal Max Depth Capacity Max Diameter Capacity Weight 4.2 lbs

Includes: Replacement Nozzle, HEPA Filter





M18 FUEL 1" SDS Plus D-Handle **Rotary Hammer Kit**

2713-22 (2713-20 Tool-Only)

Specifications:

Capacity	1"
Impact Energy	2.2 ft-lbs
RPM	0 – 1,500
BPM	0 – 4,400
Length / Weight	16.5" / 8.5 lbs

Includes: 2713-22 (2) M18™ REDLITHIUM™ XC5.0 Battery Packs, Multi-Voltage Charger

All Kits Include: Side Handle, Depth Rod, Carrying Case

Related Accessory: 2509-22 M12™ HAMMERVAC™ U [™] Universal Dust Extractor

M18™ 5/8" SDS Plus **Rotary Hammer Kit**

2612-22, 2612-21 (2612-20 Tool-Only)

Specifications:

RPM	0 – 1,300
BPM	0 – 7,000
Impact Energy	1.0 ft-lbs
2-Mode Operation	Rotary Hammer and Rotation Only
Weight	5.5 lbs

Includes: 2612-22 (2) M18™ REDLITHIUM™ XC3.0 Battery Packs; **2612-21** (1) M18[™] REDLITHIUM[™] XC3.0 Battery Pack; All Kits Include: Side Handle, Depth Rod,

Multi-Voltage Charger, Carrying Case Related Accessory: 2509-22 M12™ HAMMERVAC™ Universal Dust Extractor

4' Concrete Pencil Vibrator Kit

2910-21 (2910-20 Tool-Only)

Specifications:

VPM	0 - 12,500
Head Diameter	1"
Square Head	Yes
Shaft Length	4 ft
Variable Speed Trigger	Yes

Overload Yes Protection Weight 11.1 lbs

LITHIUM

Includes: (1) M18™ REDLITHIUM™ HIGH OUTPUT™ XC6.0 Battery Pack, Rapid Charger

M18 FUEL

TABLE 1

HEPA

8' Concrete Pencil Vibrator Kit

2911-21 (2911-20 Tool-Only)

Specifications

Specification	ons.
VPM	0 - 12,500
Head Diameter	1"
Square Head	Yes
Shaft Length	8 ft
Variable Speed Trigger	Yes
Overload	Yes



Includes: (1) M18[™] REDLITHIUM[™] HIGH OUTPUT[™] XC6.0 Battery Pack, Rapid Charge



M18 FUEL 1/4" Hex Impact Driver w/ ONE-KEY™ Kit

2857-22, 2857-22CT (2857-20 Tool-Only)

Specifications:

Max Torque	2,000 in-lbs
IPM	0 – 4,300
RPM	0 – 3,600
DRIVE CONTROL™	4-Mode (Customizable)
Chuck Type	1/4" Hex
Single Hand Bit Insertion	Yes
Length / Weight	4.6" / 3.8 lbs

Includes: 2857-22 (2) M18[™] REDLITHIUM[™] XC5.0 Battery Packs; **2857-22CT** (2) M18™ REDLITHIUM™ CP2.0 Battery Packs; All Kits Include: Belt Clip, Bit Holder, Multi-Voltage Charger, Carrying Case

1/4" Hex Impact Driver Kit

2853-22, 2853-22CT (2853-20 Tool-Only)

Specifications:

Max Torque	2,000 in-lbs
IPM	0 – 4,300
RPM	0 – 3,600
DRIVE CONTROL™	4-Mode
Chuck Type	1/4" Hex
Single-Handed Bit Insertion	Yes
Length / Weight	4.6" / 3.8 lbs

Includes: 2853-22 (2) M18[™] REDLITHIUM[™] XC5.0 Battery Packs; **2853-22CT** (2) M18[™] REDLITHIUM[™] CP2.0 Battery Packs; All Kits Include: Belt Clip, Bit Holder, Multi-Voltage Charger, Carrying Case

M18 FUEL SURGE™ 1/4" Hex **Hydraulic Driver Kit**

2760-22, 2760-22CT (2760-20 Tool-Only)

Specifications:

Sustained Max Torque	450 in-lbs
IPM	0 – 4,000
RPM	0 – 3,000
DRIVE CONTROL™	4-Mode
Length / Weight	5.0" / 3.9 lbs

Includes: 2760-22 (2) M18[™] REDLITHIUM[™] XC5.0 Battery Packs; **2760-22CT** (2) M18[™] REDLITHIUM[™] CP2.0 Battery Packs; All Kits Include: Belt Clip, Bit Holder, Multi-Voltage Charger, Carrying Case

M18™ Brushless 1/4" Hex **3-Speed Impact Driver**

2851-20 Tool-Only

Specifications:

Max Torque	1,600 in-lbs
IPM	0 – 4,200
RPM	0 – 3,400
Chuck Type	1/4" Hex
DRIVE CONTROL™	3-Mode
Length / Weight	5.1" / 2.0 lbs

Battery and Charger Sold Separately

Includes: Belt Clip



Specifications:	
Max Torque	1,600 in-lbs
IPM	0 - 4,200
RPM	0 - 3,400
Chuck Type	1///" Hov

Includes: (2) M18™ REDLITHIUM™ CP2.0 Battery Packs, Belt Clip, Multi-Voltage Charger, Carrying Case

5.1" / 2.9 lbs

M18™ 1/4" Hex Compact **Impact Driver Kit**

2656-22CT (2656-20 Tool-Only)

Specifications:

Lenath / Weight

	Max Torque	1,500 in-lbs
	IPM	0 – 3,450
	RPM	0 – 2,750
	Chuck Type	1/4" Hex Quick Change
	Length / Weight	5.5" / 3.8 lbs

Includes: (2) M18[™] REDLITHIUM[™] CP1.5 Battery Packs, Belt Clip, Multi-Voltage Charger, Carrying Case

M18™ 1/4" 2-Speed Impact Driver Kit

2657-22, 2657-22CT (2657-20 Tool-Only)

Specifications:

Max Torque	1,500 in-lbs
IPM	0 – 3,450
RPM	0 – 2,750
Chuck Type	1/4" Hex Quick Change
Length / Weight	5.5" / 3.8 lbs

Includes: 2657-22 (2) M18[™] REDLITHIUM[™] XC3.0 Battery Packs; **2657-22CT** (2) M18[™] REDLITHIUM[™] CP1.5 Battery Packs: All Kits Include: Belt Clip, Multi-Voltage Charger, Carrying Case

1/4" Blind Rivet Tool w/ ONE-KEY™ Kit

2660-22CT (2660-20 Tool-Only)

Specifications:

	Rivet Sizes	3/16" (4.8 mm), 7/32" (6.0 mm), 1/4" (6.4 mm), 9/32" (7.0 mm)
	Rivet Material	Aluminum, Steel, Stainless Steel
	Pull Force	4,500 lbs
	Length / Weight	12.5" / 5.6 lbs

Includes: (2) M18™ REDLITHIUM™ CP2.0 Battery Packs, (4) Retention Nose Pieces, Nose Piece Wrench, Mandrel Collector, Hanging Ring, Belt Clip, Multi-Voltage Charger, Contractor Bag

Related Accessories:

49-16-2660NR Non-Retention Nose Piece 4 pk 49-16-2660EXT 6" Extension

49-16-2660B Protective Boot



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	Specifications:	ł	
	RPM	0 – 4,500	
	Belt Clip	Yes	
	Auto Start Mode	Yes	
	Length / Weight	9 N" / 4 1 lbs	

Includes: 2866-22 (2) M18[™] REDLITHIUM[™] XC5.0 Battery Packs; **2866-22CT** (2) M18™ REDLITHIUM™ CP2.0 Battery Packs; All Kits Include: Belt Clip, PR2 Bit, Multi-Voltage Charger,

Related Accessory:

49-20-0001 MILWAUKEE® Collated Magazine

Screw Capacity: Up to 2"

Compatible with all major screw brands

Related Tool:

2627-22 M18™ Cut Out Tool Kit Pg. 52



M18™ Right Angle **Impact Driver Kit**

2667-22, 2667-21CT (2667-20 Tool-Only)

Specifications:

(0.14.1)	050 / 075 "
Max Torque (2-Mode)	350 / 675 in-lbs
IPM	0 - 2,400 / 0 - 3,400
RPM	0 - 1,500 / 0 - 2,250
Anvil Type	1/4" Hex
Length / Weight	14.1" / 3.9 lbs

Includes: 2667-22 (2) M18™ REDLITHIUM™ XC3.0 Battery Packs; **2667-21CT** (1) M18™ REDLITHIUM™ CP1.5 Battery Pack; All Kits Include: Belt Clip, Multi-Voltage Charger, Carrying Case

1/2" Compact Impact Wrench w/ Pin Detent w/ ONE-KEY™ Kit

2759-22, 2759B-22 (2759-20, 2759B-20 Tool-Only)

Specifications:

Fastening Torque	220 ft-lbs
Nut-Busting Torque	220 ft-lbs
IPM	0 – 3,200
RPM	0 – 2,500
DRIVE CONTROL™	4-Mode (Customizable)
Length / Weight	6.1" / 4.2 lbs

Includes: 2759-22 1/2" Compact Impact Wrench w/ Pin Detent w/ ONE-KEY™; 2759B-22 1/2" Compact Impact Wrench w/ Friction Ring w/ ONE-KEY™

All Kits Include: (2) M18™ REDLITHIUM™ XC5.0 Battery Packs, Belt Clip, Bit Holder, Multi-Voltage Charger, Carrying Case

M18 FUEL

1/2" Compact Impact Wrench w/ Friction Ring Kit

2855-22 (2855-20 Tool-Only)

Specifications:

Fastening Torque	250 ft-lbs
Nut-Busting Torque	250 ft-lbs
IPM	0 – 3,500
RPM	0 – 2,400
DRIVE CONTROL™	4-Mode w/ Auto Shut-Off Mode & Bolt Removal Mode
Length / Weight	4.8" / 3.9 lbs

Includes: (2) M18™ REDLITHIUM™ XC5.0 Battery Packs, Belt Clip, Multi-Voltage Charger, Carrying Case

M18 FUEL

1/2" Compact Impact Wrench w/ Pin Detent Kit

2855P-22 (2855P-20 Tool-Only)

Specifications:

Fastening Torque	250 ft-lbs
Nut-Busting Torque	250 ft-lbs
IPM	0 – 3,500
RPM	0 – 2,400
DRIVE CONTROL™	4-Mode w/ Auto Shut-Off Mode & Bolt Removal Mode
Length / Weight	4.8" / 3.9 lbs

Includes: (2) M18™ REDLITHIUM™ XC5.0 Battery Packs, Belt Clip, Multi-Voltage Charger, Carrying Case

M18™ Right Angle **Impact Wrench Kit**

2668-22, 2668-21CT (2668-20 Tool-Only)

Specifications:

Fastening Torque (2-Mode)	30 / 60 ft-lbs
Nut-Busting Torque	60 ft-lbs
IPM	0 - 2,400 / 0 - 3,400
RPM	0 - 1,500 / 0 - 2,250
Anvil Type	3/8"
Length / Weight	14.3" / 3.9 lbs

Includes: 2668-22 (2) M18[™] REDLITHIUM[™] XC3.0 Battery Packs; **2668-21CT** (1) M18™ REDLITHIUM™ CP1.5 Battery Pack; All Kits Include: Belt Clip, Multi-Voltage Charger, Carrying Case

M18™ 1/2" Compact **Impact Wrench Kit**

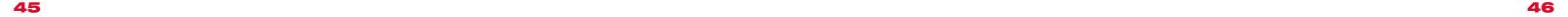
2659-22 (2659-20 Tool-Only)

Specifications:

183 ft-lbs
183 ft-lbs
0 – 3,350
0 – 2,450
1/2" Pin Detent
6.0" / 4.1 lbs

Includes: (2) M18[™] REDLITHIUM[™] XC3.0 Battery Packs, Belt Clip, Multi-Voltage Charger, Carrying Case





1/2" High Torque Impact Wrench

750 ft-lbs

1 100 ft-lbs 0 - 2,400

0 - 1,800

4-Mode (Customizable) 8.1" / 7.2 lbs

w/ Pin Detent w/ ONE-KEY™ Kit

M18 FUEL

3/8" Impact Wrench w/ Friction Ring w/ ONE-KEY™ Kit

2758-22, 2758-22CT (2758-20 Tool-Only)

Specifications:

Fastening Torque	210 ft-lbs
Nut-Busting Torque	210 ft-lbs
IPM	0 – 3,200
RPM	0 – 2,500
DRIVE CONTROL™	4-Mode (Customizable)
Length / Weight	5.9" / 4.2 lbs

Includes: 2758-22 (2) M18[™] REDLITHIUM[™] XC5.0 Battery Packs; 2758-22CT (2) M18™ REDLITHIUM™ CP2.0 Battery Packs; All Kits Include: Belt Clip, Bit Holder, Multi-Voltage Charger, Carrying Case



3/8" Compact Impact Wrench w/ Friction Ring Kit

2854-22, 2854-22CT (2854-20 Tool-Only)

Specifications:

Fastening Torque	250 ft-lbs
Nut-Busting Torque	250 ft-lbs
IPM	0 – 3,500
RPM	0 – 2,400
DRIVE CONTROL™	4-Mode w/ Auto Shut-Off Mode & Bolt Removal Mode
Length / Weight	4.8" / 3.9 lbs

Includes: 2854-22 (2) M18™ REDLITHIUM™ XC5.0 Battery Packs: 2854-22CT (2) M18™ REDLITHIUM™ CP2.0 Battery Packs; All Kits Include: Belt Clip, Multi-Voltage Charger, Carrying Case

M18™ 3/8" Compact **Impact Wrench Kit**

2658-22, 2658-22CT (2658-20 Tool-Only)

Specifications:

Fastening Torque	167 ft-lbs
Nut-Busting Torque	167 ft-lbs
IPM	0 – 3,350
RPM	0 – 2,450
Anvil Type	3/8" Friction Ring
Length / Weight	6.0" / 4.1 lbs

Includes: 2658-22 (2) M18[™] REDLITHIUM[™] XC3.0 Battery Packs; 2658-22CT (2) M18™ REDLITHIUM™ CP1.5 Battery Packs: All Kits Include: Belt Clip, Multi-Voltage Charger, Carrying Case

M18 FUEL

1/2" Mid-Torque Impact Wrench w/ Pin Detent Kit

2962P-22 (2962P-20 Tool-Only)

Specifications

Specifications	
Fastening Torque	650 ft-lbs
Nut-Busting Torque	550 ft-lbs
IPM	0 – 3,500
RPM	0 – 2,400
DRIVE CONTROL™	4-Mode w/ Auto Shut-Off Mode & Bolt Removal Mode
Longth / Woight	1 8" / 2 0 lbc

Includes: (2) M18™ REDLITHIUM™ XC5.0 Battery Packs, Belt Clip, Multi-Voltage Charger, Carrying Case

M18 FUEL

1/2" Mid-Torque Impact Wrench w/ Friction Ring Kit

2962-22 (2962-20 Tool-Only)

Specifications:

Fastening Torque	650 ft-lbs
Nut-Busting Torque	550 ft-lbs
IPM	0 – 3,100
RPM	0 – 2,575
DRIVE CONTROL™	4-Mode w/ Auto Shut-Off Mode & Bolt Removal Mode
Length / Weight	6.0" / 5.1 lbs

Includes: (2) M18[™] REDLITHIUM[™] XC5.0 Battery Packs, Belt Clip, Multi-Voltage Charger, Carrying Case

3/8" Mid-Torque Impact Wrench w/ Friction Ring Kit

2960-22, 2960-22CT (2960-20 Tool-Only)

Specifications:

Fastening Torque	600 ft-lbs
Nut-Busting Torque	550 ft-lbs
IPM	0 – 3,100
RPM	0 – 2,575
DRIVE CONTROL™	4-Mode w/ Auto Shut-Off Mode & Bolt Removal Mode
Length / Weight	6.0" / 5.0 lbs

Includes: 2960-22 (2) M18™ REDLITHIUM™ XC5.0 Battery Packs; 2960-22CT (2) M18™ REDLITHIUM™ CP2.0 Battery Packs; All Kits Include: Belt Clip, Multi-Voltage Charger, Carrying Case

1" D-Handle High Torque **Impact Wrench** w/ONE-KEY™ Kit

2868-22HD (2868-20 Tool-Only)

Specifications:

Fastening Torque	1,900 ft-lbs
Nut-Busting Torque	2,000 ft-lbs
IPM	0 - 1,440
RPM	0 – 1,200
DRIVE CONTROL™	4-Mode (Customizable)
Length / Weight	17.94" / 21 lbs

Includes: (2) M18™ REDLITHIUM™ HIGH OUTPUT™ HD12.0 Battery Packs, Tool-Free Adjustable Handle, Lanyard Loop, Rapid Charger, Contractor Bag

1" D-Handle Ext. Anvil High **Torque Impact Wrench** w/ ONE-KEY™ Kit

2869-22HD (2869-20 Tool-Only)

Specifications:

Fastening Torque	1,900 ft-lbs
Nut-Busting Torque	2,000 ft-lbs
IPM	0 – 1,440
RPM	0 – 1,200
DRIVE CONTROL™	4-Mode (Customizable)
Length / Weight	23.2" / 27.2 lbs

Includes: (2) M18[™] REDLITHIUM[™] HIGH OUTPUT[™] HD12.0 Battery Packs, Tool-Free Adjustable Handle, Lanyard Loop, Rapid Charger,



1" High Torque Impact Wrench w/ ONE-KEY™ Kit

2867-22 (2867-20 Tool-Only)

Specifications:

•	
Fastening Torque	1,500 ft-lbs
Nut-Busting Torque	1,800 ft-lbs
IPM	0 - 2,450
RPM	0 – 1,650
DRIVE CONTROL™	4-Mode (Customizable)
Length / Weight	10.9" / 13 lbs

Includes: (2) M18™ REDLITHIUM™ HIGH OUTPUT™ XC8.0 Battery Packs, Tool-Free Adjustable Handle, Lanyard Loop, Rapid Charger, Contractor Bag



3/4" High Torque Impact **Wrench w/ Friction Ring** w/ ONE-KEY™ Kit

2864-22 (2864-20 Tool-Only)

Specifications:

Fastening Torque	1,200 ft-lbs
Nut-Busting Torque	1,600 ft-lbs
IPM	0 – 1,850
RPM	0 – 1,850
DRIVE CONTROL™	4-Mode (Customizable)
Length / Weight	8.6" / 7.9 lbs

Includes: (2) M18[™] REDLITHIUM[™] XC5.0 Battery Packs, Belt Clip, Multi-Voltage Charger, Carrying Case



Fastening Torque	525 ft-lbs
Breakaway Torque	700 ft-lbs
IPM	0 – 2,200
RPM	0 – 1,900
Length / Weight	9.0" / 6.8 lbs

Includes: (2) M18[™] REDLITHIUM[™] XC3.0 Battery Packs, Multi-Voltage Charger, Carrying Case





RPM DRIVE CONTROL™ Length / Weight **Includes:** (2) M18[™] REDLITHIUM[™] XC5.0 Battery Packs,

M18 FUEL

2862-22 (2862-20 Tool-Only)

Specifications:

Fastening Torque

Nut-Busting Torque

1/2" High Torque Impact Wrench w/ Pin Detent Kit

Multi-Voltage Charger, Carrying Case

2766-22 (2766-20 Tool-Only)

Specifications:

Fastening Torque	750 ft-lbs
Nut-Busting Torque	1,100 ft-lbs
IPM	0 – 2,400
RPM	0 – 1,850
DRIVE CONTROL™	4-Mode w/ Bolt Removal Mode
Length / Weight	8.1" / 7.1 lbs

Includes: (2) M18[™] REDLITHIUM[™] XC5.0 Battery Packs, Multi-Voltage Charger, Carrying Case

M18™ 1/2" High Torque Impact Wrench w/ Pin Detent Kit

2662-22 (2662-20 Tool-Only)

Specifications:

Fastening Torque	450 ft-lbs
Breakaway Torque	640 ft-lbs
IPM	0 – 2,200
RPM	0 – 1,900
Length / Weight	8.9" / 6.7 lbs

Includes: (2) M18[™] REDLITHIUM[™] XC3.0 Battery Packs, Multi-Voltage Charger, Carrying Case



1/2" Ext. Anvil Controlled Torque Impact Wrench w/ ONE-KEY™ Kit

2769-22 (2769-20 Tool-Only)

Specifications:

			•
	Fastening Torque	750 ft-lbs	
	Nut-Busting Torque	1,100 ft-lbs	
	IPM	0 – 2,400	
)	RPM	0 – 1,800	
)	DRIVE CONTROL™	4-Mode (Customizable)	
	Anvil Type	1/2" Friction Ring	
	Length / Weight	10.1" / 5.8 lbs	

Includes: (2) M18[™] REDLITHIUM[™] XC5.0 Battery Packs, Multi-Voltage Charger, Contractor Bag



1/2" High Torque Impact Wrench w/ Friction Ring w/ ONE-KEY™ Kit

2863-22 (2863-20 Tool-Only)

Specifications:

Fastening Torque	1,000 ft-lbs
Nut-Busting Torque	1,400 ft-lbs
IPM	0 – 2,100
RPM	0 – 1,750
DRIVE CONTROL™	4-Mode (Customizable)
Length / Weight	8.4" / 7.6 lbs

Includes: (2) M18[™] REDLITHIUM[™] XC5.0 Battery Packs, Multi-Voltage Charger, Carrying Case



TRADE FOCUSED M18

M18 FUEL

1/2" High Torque Impact **Wrench w/ Friction Ring Kit**

2767-22 (2767-20 Tool-Only)

Specifications:

Fastening Torque	1,000 ft-lbs
Nut-Busting Torque	1,400 ft-lbs
IPM	0 – 2,100
RPM	0 – 1,750
DRIVE CONTROL™	4-Mode w/ Bolt Removal Mode
Length / Weight	8.4" / 7.5 lbs

Includes: (2) M18™ REDLITHIUM™ XC5.0 Battery Packs, Multi-Voltage Charger, Carrying Case



2663-22 (2663-20 Tool-Only)

Specifications:

Fastening Torque	450 ft-lbs
Breakaway Torque	640 ft-lbs
IPM	0 – 2,200
RPM	0 – 1,900
Length / Weight	8.9" / 6.7 lbs

Includes: (2) M18™ REDLITHIUM™ XC3.0 Battery Packs, Multi-Voltage Charger, Carrying Case



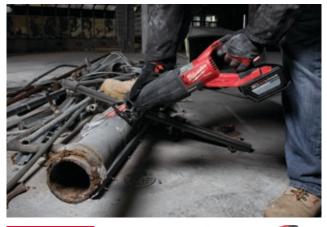
7/16" Hex Utility **High Torque Impact Wrench** w/ ONE-KEY™ Kit

2865-22 (2865-20 Tool-Only)

Specifications:

Opoomoutione.	
Max Torque	750 ft-lbs
IPM	0 – 2,800
RPM	0 – 2,200
Bit Insertion	QUIK-LOK™ Single-Handed Bit Insertion
DRIVE CONTROL™	4 Modes (Customizable)
High Voltage Rating	69kV
Length / Weight	8.2" / 7.4 lbs

Includes: (2) M18™ REDLITHIUM™ XC5.0 Battery Packs, Lanyard Loop, 12V Inverter, Multi-Voltage Charger, Contractor Bag



M18 FLEL **SUPER SAWZALL® Reciprocating Saw Kit**

2722-21HD (2722-20 Tool-Only)

Specifications:

-		
SPM	0 – 3,000	REDLITHIUM
Stroke Length	1-1/4"	HIGH OUTPUT HD120
Blade Clamp	QUIK-LOK™ (Accepts all SAWZALL	[®] Blades)
Speeds	5-Speeds	
Orbital Action	Selectable; On/Off	
Anti-Vibration	Yes	
Weight	12.2 lbs	

Includes: (1) M18™ REDLITHIUM™ HIGH OUTPUT™ HD12.0 Battery Pack, Rapid Charger, Contractor Bag



SAWZALL® Reciprocating Saw Kit w/ ONE-KEY

2822-22 (2822-20 Tool-Only) **Specifications:**

-	
Cut Brake Setting	Yes
Stroke Length	1-1/4"
Blade Clamp	QUIK-LOK [™] (Accepts all SAWZALL® Blades)
SPM	0 – 3,000
Adjustable Shoe	Yes
Hang Hook	Yes
Length / Weight	17.1" / 6.8 lbs

Includes: (2) M18[™] REDLITHIUM[™] XC5.0 Battery Packs, Multi-Voltage Charger, Carrying Case

M18 FUEL

SAWZALL® Reciprocating Saw Kit 2821-22, 2821-21 (2821-20 Tool-Only)

Specifications:

Stroke Length	1-1/4"
Blade Clamp	QUIK-LOK™ (Accepts all SAWZALL® Blades)
SPM	0 – 3,000
Adjustable Shoe	Yes
Hang Hook	Yes
Length / Weight	17.1" / 6.8 lbs

Includes: 2821-22 (2) M18[™] REDLITHIUM[™] XC5.0 Battery Packs; 2821-21 (1) M18™ REDLITHIUM™ XC5.0 Battery Pack; All Kits Include: Multi-Voltage Charger, Carrying Case

M18™ SAWZALL® **Reciprocating Saw Kit**

2621-22, 2621-21 (2621-20 Tool-Only)

specification	ns:	-
SPM	0 – 3,000	
Stroke Length	1-1/8"	
Blade Clamp	Lever-Action QUIK-LOK™ (Accepts all SAWZALL® Blades)	
Anti-Vibration	Yes	
Weight	7.9 lbs	

Includes: 2621-22 (2) M18™ REDLITHIUM™ XC3.0 Battery Packs; **2621-21** (1) M18[™] REDLITHIUM[™] XC3.0 Battery Pack:

All Kits Include: Multi-Voltage Charger, Carrying Case

M18 FUEL 7-1/4" Circular Saw Kit 2732-21HD (2732-20 Tool-Only) Specifications:

RPM **Bevel Capacity** 50° 2-1/2" at 90°; 1-7/8 " at 45° **Cut Capacity** Arbor 5/8" Blade Guards Magnesium Weight 12.0 lbs

Includes: (1) M18™ REDLITHIUM™ HIGH OUTPUT™ HD12.0 Battery Pack, Circular Saw Blade, Wrench, Rapid Charger, Contractor Bag

M18 FLEL

HACKZALL® One-Handed Reciprocating Saw Kit

2719-21 (2719-20 Tool-Only)

Specifications:

000
3"
JIK-LOK™ ccepts all SAWZALL® Blades)
Blbs

Includes: (1) M18[™] REDLITHIUM[™] XC5.0 Battery Pack, Multi-Voltage Charger, Contractor Bag

M18™ HACKZALL® One-Handed **Reciprocating Saw Kit**

2625-21, 2625-21CT (2625-20 Tool-Only)

Specifications:

SPM	0 – 3,000
Stroke Length	3/4"
Blade Clamp	QUIK-LOK [™] (Accepts all SAWZALL® Blades)
Anti-Vibration	Yes
Weight	5.6 lbs

Includes: 2625-21 (1) M18[™] REDLITHIUM[™] XC3.0 Battery Pack; **2625-21CT** (1) M18™ REDLITHIUM™ CP1.5 Battery Pack; All Kits Include: Multi-Voltage Charger, Contractor Bag

M18 FUEL 7-1/4" Rear Handle **Circular Saw Kit**

2830-21HD (2830-20 Tool-Only) Specifications:

	-	
	RPM	5,800
	Bevel Capacity	53°
	Cut Capacity	2-1/2" at 90°; 1-7/8 " at 45°
	Arbor	Diamond
	Blade Guards	Magnesium
	Weight	10.0 lbs

Includes: (1) M18™ REDLITHIUM™ HIGH OUTPUT™ HD12.0 Battery Pack, Circular Saw Blade, Wrench, Rapid Charger, Contractor Bag

M18™ Brushless 7-1/4" Circular Saw Kit

2631-21 (2631-20 Tool-Only)

Specifications:

RPM	5,000
Bevel Capacity	50°
Cut Capacity	2-1/2" at 90°; 1-7/8" at 45°
Arbor	5/8"
Blade Guards	Magnesium
Weight	8.8 lbs

Includes: (1) M18™ REDLITHIUM™ XC5.0 Battery Pack, Circular Saw Blade, Wrench, Multi-Voltage Charger, Contractor Bag

M18 FLEL

6-1/2" Circular Saw Kit

2730-22, 2730-21 (2730-20 Tool-Only)

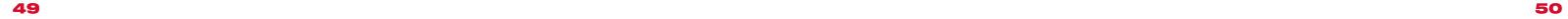
Specifications:

	RPM	5,000
	Bevel Capacity	50°
	Cut Capacity	2-3/16" at 90°; 1-5/8" at 45°
	Arbor	5/8"
	Blade Guards	Magnesium
	Weight	8.0 lbs

Includes: 2730-22 (2) M18™ REDLITHIUM™ XC5.0 Battery Packs; 2730-21 (1) M18™ REDLITHIUM™ XC5.0 Battery Pack; All Kits Include: Circular Saw Blade, Wrench, Multi-Voltage

Charger, Contractor Bag





M18™ 6-1/2" **Circular Saw Kit**

2630-22 (2630-20 Tool-Only)

Specifications:

RPM	3,500	
Bevel Capacity	50°	
Cut Capacity	2-1/8" at 90°; 1-9/16" at 45°	
Arbor	5/8"	
Blade Guards	Plastic	
Weight	8.5 lbs	

Includes: (2) M18[™] REDLITHIUM[™] XC3.0 Battery Packs, Circular Saw Blade, Rip Fence, Wrench, Multi-Voltage Charger, Contractor Bag

M18™ Random Orbit Sander Kit

2648-21 (2648-20 Tool-Only)

Specifications:

-		
OPM	12,000	
Variable Speed	7,000 - 12,000 OPM	
Pad Size	5.0"	
Orbit Diameter	3/32"	
Weight	2.7 lbs	

Includes: (1) M18™ REDLITHIUM™ XC3.0 Battery Pack, (2) Pieces of 80 Grit Sandpaper, Universal Hose Adapter, Universal Hook & Loop Pad, Multi-Voltage Charger, Contractor Bag

M18™ 3-1/4" Planer Kit

2623-21 (2623-20 Tool-Only)

Specifications:

specifications:			
RPM	14,000		
Planing Width	3-1/4"		
Max Planing Depth	5/64"		
Rabbet Depth	27/64"		
Length / Weight	12.4" / 7.8 lbs		

Includes: (1) M18™ REDLITHIUM™ XC3.0 Battery Pack. Bevel Edge Guide, (2) Double-Edged Carbide Blades, Multi-Voltage Charger, Contractor Bag

M18 FUEL **D-Handle Jig Saw Kit** 2737-21 (2737-20 Tool-Only)

Specifications:

	SPM	3,500
	Stroke Length	1"
	Bevel Capacity	45°
	Blade Clamp	Lever-Action QUIK-LOK™ T-Shank
	Orbital Settings	4
	Weight	6.4 lbs

Includes: (1) M18™ REDLITHIUM™ XC5.0 Battery Pack, Dust Collection Tube, Shoe Guard, Anti-Splinter Guard, Dust Cover, Wrench, Multi-Voltage Charger, Carrying Case



MISFUEL **Barrel Grip Jig Saw**

2737B-20 Tool-Only

Specifications:

SPM	3,500
Stroke Length	1"
Bevel Capacity	45°
Blade Clamp	Lever-Action QUIK-LOK™ T-Shank
Orbital Settings	4
Weight	4.6 lbs

Battery and Charger Sold Separately

Includes: Dust Collection Tube, Shoe Guard, Anti-Splinter Guard, Dust Cover, LED Cover, Wrench



Specifications:

Compact Router

M18 FUEL

2723-20 Tool-Only

RPM	10,000 - 31,000	
Speeds	6	
Collet Size	1/4"	
Adjustable Range	1.5"	
Height / Weight	6.9" / 3.0 lbs	

Battery and Charger Sold Separately

Includes: Fixed Base, Straight Edge Guide, 5-3/4" Template Bushing Sub-base plate, Dust Shroud, 11/16" Collet Wrench, 7/16" Spindle Wrench

Related Accessories:

48-10-5601 Compact Router Plunge Base 48-10-5602 Compact Router Offset Base







M18[™] 10 oz Caulk and **Adhesive Gun Kit**

2641-21CT (2641-20 Tool-Only)

Specifications:

Force	950 lbs
Inches Per Minute	0 – 21
Speed Settings	6
Auto-Reverse Anti-Drip	Yes
Weight	5.8 lbs

Includes: (1) M18™ REDLITHIUM™ CP1.5 Battery Pack, 10 oz Carriage, M18™ 10 oz Plunger Rod and Piston Assembly, Multi-Voltage Charger

Oscillating Multi-Tool Ki

2836-21 (2836-20 Tool-Only)

Specifications:

Speed Settings	12
OPM	10,000 - 20,000
Oscillation Angle	4.2°
Auto-Load Feature	Yes
LED Light	Yes
Length / Weight	14.5" / 4.2 lbs

Includes: (1) M18™ REDLITHIUM™ XC5.0 Battery Pack, (5) Sanding Sheets, Sanding Pad, Wood Cutting Blade, Charger, Contractor Bag

M18™ 20 oz Aluminum Barrel Sausage Style Caulk & Adhesive Gun Kit

2642-21CT

Specifications:

Force	950 lbs
Inches Per Minute	0 – 21
Speed Settings	6
Auto-Reverse Anti-Drip	Yes
Weight	6.5 lbs

Includes: (1) M18™ REDLITHIUM™ CP1.5 Battery Pack, 20 oz Aluminum Sausage Style Barrel, M18™ 20 oz Plunger Rod and Piston Assembly, Nozzle, Multi-Voltage Charger

M18™ Multi-Tool Kit

2626-22 (2626-20 Tool-Only)

Specifications:

12
11,000 – 18,000
Yes
14.0" / 4.2 lbs

Includes: (2) M18™ REDLITHIUM™ XC3.0 Battery Packs. Wood Cutting Blade, Sanding Pad, (5) Assorted Sanding Sheets, Multi-Voltage Charger, Contractor Bag

M18™ 20 oz Clear Barrel Sausage Style Caulk & Adhesive Gun Kit

2643-21CT

Specifications:

Force	950 lbs
Inches Per Minute	0 – 21
Speed Settings	6
Auto-Reverse Anti-Drip	Yes
Weight	6.6 lbs

Includes: (1) M18[™] REDLITHIUM[™] CP1.5 Battery Pack, 20 oz Clear Sausage Style Barrel, M18™ 20 oz Plunger Rod and Piston Assembly, Nozzle, Multi-Voltage Charger

M18™ Cut Out Tool Kit

2627-22, 2627-22CT (2627-20 Tool-Only)

Specifications:

RPM	28,000
Tool-Free Depth Adjustment	Yes
LED Light	Yes
Belt Clip	Yes
Length / Weight	8.9" / 1.8 lbs

Includes: 2627-22 (2) M18[™] REDLITHIUM[™] XC3.0 Battery Packs; **2627-22CT** (2) M18[™] REDLITHIUM[™] CP1.5 Battery Packs; All Kits Include: Belt Clip, (2) 1/8" Drywall Bits, 1/8" Collet, Collet, Wrench, Multi-Voltage Charger, Contractor Bag **Related Tool:**

2866-22 M18 FUEL™ Drywall Screw Gun Kit Pg. 46

Caulk Gun Accessories

Compatible with 2641-21CT, 2642-21CT, and 2643-21CT

31-12-0700 Caulk Gun Nozzle - Black

48-08-1076 M18™ 10 oz Caulk and Adhesive Gun Conversion Kit 48-08-1091 20 oz Aluminum Barrel Kit

48-08-1093 M18[™] 20 oz Aluminum Barrel Sausage Style Caulk

and Adhesive Gun Conversion Kit

48-08-1094 M18™ 20 oz Clear Barrel Sausage Style Caulk

and Adhesive Gun Conversion Kit

48-08-1095 M18™ Quart Caulk and Adhesive Gun Conversion Kit

48-08-1096 20 oz Clear Barrel Kit





M18 FLEL 8-1/4" Table Saw w/ ONE-KEY™ Kit

2736-21HD (2736-20 Tool-Only)

Specifications:

RPM	6,300	
Blade Size	8-1/4"	
Arbor Size	5/8"	REDLITHIUM
Max Bevel	47°	HIGH OUTPUT HD120
Cut Depth	2-1/2" at 90°; 1	-3/4" at 45°
Rip Capacity	24" Left of Blac	de; 12" Right of Blade
Weight	45.0 lbs	

Includes: (1) M18[™] REDLITHIUM[™] HIGH OUTPUT[™] HD12.0 Battery Pack, Blade, Wrench, Anti-Kickback Pawls, Guard, Riving Knife, Fence, Push Stick, Miter Gauge, Rapid Charger

12" Dual Bevel Sliding **Compound Miter Saw** w/ ONE-KEY™ Kit

2739-21HD (2739-20 Tool-Only)

Specifications:

-	
Blade Size	12"
No Load RPM	3,500
Max Bevel Angle	48° / 48°
Max Miter Angle	50° / 60°
Max Vertical Capacity	6-3/4"
Max Horizontal Capacity	2x14
Weight	47.6 lbs

Includes: (1) M18™ REDLITHIUM™ HIGH OUTPUT™ HD12.0 Battery Pack, Blade, Clamp, Handles, Rapid Charger

M18 FUEL

10" Dual Bevel Sliding **Compound Miter Saw Kit**

2734-21 (2734-20 Tool-Only)

53

Specifications:		
Blade Size	10"	
No Load RPM	4,000	diam's
Max Bevel Angle	48° / 48°	,,,,,
Max Miter Angle	50° / 60°	REDL
Max Vertical Capacity	5-3/4"	HIGH OU
Max Horizontal Capacity	2x12	
Weight	47.0 lbs	

Includes: (1) M18[™] REDLITHIUM[™] HIGH OUTPUT[™] XC8.0 Battery Pack, Blade Wrench, Carbide Tipped Blade, Clamp, Dust Bag, Rapid Charger



7-1/4" Dual Bevel Sliding **Compound Miter Saw Kit**

2733-21 (2733-20 Tool-Only)

Specifications:

E	Blade Size	7-1/4"
1	No Load RPM	5,000
1	Max Bevel Angle	48° / 48°
1	Max Miter Angle	48° / 48°
1	Max Vertical Capacity	3-1/2"
1	Max Horizontal Capacity	2x8
١	Weight	28.0 lbs

Includes: (1) M18[™] REDLITHIUM[™] XC5.0 Battery Pack, Blade Wrench, Blade, Clamp, Multi-Voltage Charger



15 Gauge Finish Nailer Kit

2839-21CT (2839-20 Tool-Only)

Specifications:

Nail Diameter	15 Gauge
Nail Size	1-1/4" - 2-1/2"
Magazine Capacity	110
Magazine Loading	Bottom Load
Max Fire Rate	3 Nails per Second
Nails Per Charge	750
Firing Modes	Sequential & Contact Actuation

Includes: (1) M18™ REDLITHIUM™ CP2.0 Battery Pack, Multi-Voltage Charger, Contractor Bag







16 Gauge **Angled Finish Nailer Kit** 2841-21CT (2841-20 Tool-Only)

Specifications:

Nail Diameter	16 Gauge
Nail Size	1-1/4" - 2-1/2"
Magazine Capacity	110
Magazine Loading	Bottom Load
Max Fire Rate	3 Nails per Second
Nails per Charge	800
Firing Modes	Sequential & Contact Actuation

Includes: (1) M18[™] REDLITHIUM[™] CP2.0 Battery Pack, Multi-Voltage Charger, Contractor Bag



M18 FUEL

30° Framing Nailer Kit

2745-21 (2745-20 Tool-Only)

Specifications:

30° Clipped or Full Head Nail
2" - 3-1/2"
30° – 34°
57 Nails
3 Nails per Second
Sequential or Contact Actuation

Includes: (1) M18™ REDLITHIUM™ XC5.0 Battery Pack, Rafter Hook, Hex Key, Multi-Voltage Charger, Contractor Bag Related Accessory:

48-08-2745 30° Framing Nailer Extended Capacity Magazine



M18 FUEL

18 Gauge Brad Nailer Kit

2746-21CT (2746-20 Tool-Only)

Specifications:

-	
Nail Diameter	18 Gauge
Nail Size	5/8" - 2-1/8"
Magazine Capacity	110 Nails
Max Fire Rate	3 Nails per Second
Magazine Loading	Side Load
Firing Modes	Sequential or Contact Actuation

Includes: (1) M18™ REDLITHIUM™ CP2.0 Battery Pack, Reversible Belt Hook, Multi-Voltage Charger, Contractor Bag



M18 FUEL

21° Framing Nailer Kit

2744-21 (2744-20 Tool-Only)

Specifications:

Collation Angle	21° Round Head Nail
Nail Size	2" - 3-1/2"
Nail Collation	20° – 22°
Magazine Capacity	45 Nails
Max Fire Rate	3 Nails per Second
Firing Modes	Sequential or Contact Actuation

Includes: (1) M18[™] REDLITHIUM[™] XC5.0 Battery Pack, Rafter Hook, Hex Key, Multi-Voltage Charger, Contractor Bag Related Accessory:

48-08-2744 21° Framing Nailer Extended Capacity Magazine



M18 FUEL 18 Gauge 1/4" Narrow **Crown Stapler Kit**

2749-21CT (2749-20 Tool-Only)

Specifications:

Staple Diameter	18 Gauge
Staple Crown Size	1/4"
Staple Length	3/8" - 1-1/2"
Magazine Capacity	108 Staples
Max Fire Rate	4 Staples per Second
Magazine Loading	Front Load

Includes: (1) M18™ REDLITHIUM™ CP2.0 Battery Pack, Reversible Belt Hook, Multi-Voltage Charger, Contractor Bag



M18 FUEL

16 Gauge Straight Finish Nailer Kit 2741-21CT (2741-20 Tool-Only)

Specifications:

Nail Diameter	16 Gauge
Nail Size	3/4" - 2-1/2"
Nail Collation Angle	0°
Magazine Capacity	110 Nails
Max Fire Rate	3 Nails per Second
Magazine Loading	Bottom Load
Length / Weight	11.9" / 7.2 lbs

Includes: (1) M18™ REDLITHIUM™ CP2.0 Battery Pack, Multi-Voltage Charger, Contractor Bag







2 Gallon Compact Quiet Compressor

2840-20 Tool-Only

Specifications:

SCFM	1.2 @ 90 PSI
Capacity	2 Gallon
Sound Level	68 dB(a)
Dimensions (L x W x H)	16.3" / 18.5" / 10.3"
Weight	31.2 lbs
Regulator	Single Turn
Pump Type	Oil Free

Battery and Charger Sold Separately



MISFUEL 9" Cut-Off Saw w/ ONE-KEY™ Kit 2786-22HD (2786-20 Tool-Only)

Specifications:

RPM	6,600	
Blade Size	9"	REDLITHIU
Arbor Size	7/8"	HIGH OUTPUT H
Cut Depth	3.4"	
Load Indicator Light	Yes	
Blade Brake	RAPIDSTOF	O™
Weight	10.6 lbs	

Includes: (2) M18[™] REDLITHIUM[™] HIGH OUTPUT[™] HD12.0 Battery Packs, Abrasive Blade, Diamond Blade, Wrench, Hex Key, Rapid Charger

M18™ SWITCH TANK™ 4-Gallon **Backpack Water Supply Kit**

2820-21WS

Specifications:

Tank Capacity	4 Gallon
Pump Type	Dual Diaphragm Pump
PSI Range	20 - 60 PSI (5 Modes)
Flow Rate Range	0.16 - 1.13 Gal/Min
Dry Weight	18.5 lbs

Includes: M18™ SWITCH TANK™ Powered Base, SWITCH TANK™ 4 Gallon Water Supply Tank Assembly, (1) M18™ REDLITHIUM™ XC3.0 Battery Pack, 10' Hose w/ Quick-Connect, Water Spray Nozzle, Multi-Voltage Charger



M18™ SWITCH TANK™ 4-Gallon **Backpack Concrete Sprayer Kit** 2820-21CS

Specifications:

•	
Tank Capacity	4 Gallon
Pump Type	Dual Diaphragm Pump
PSI Range	20 - 120 PSI (5 Modes)
Spray Distance	Up to 25'
Flow Rate Range	0.14 - 0.82 Gal/Min
Dry Weight	18.3 lbs

Includes: M18™ SWITCH TANK™ Powered Base, SWITCH TANK™ 4 Gallon Concrete Sprayer Tank Assembly, (1) M18 $^{\mathsf{\tiny{M}}}$ REDLITHIUM $^{\mathsf{\tiny{M}}}$ XC3.0 Battery Pack, Adjustable Nozzle, Fan Nozzle, Multi-Voltage Charger

SWITCH TANK™ Accessories

Compatible with 2820-20

Related Accessories:

49-16-28WS SWITCH TANK™ 4 Gallon Water Supply Tank Assembly **49-16-28CS** SWITCH TANK[™] 4 Gallon Concrete Sprayer Tank Assembly **49-16-28PS** SWITCH TANK™ 4 Gallon Sprayer Tank Assembly





M18 FUEL

Deep Cut Band Saw Kit 2729-22, 2729-21 (2729-20 Tool-Only)

Specifications:

peomoationsi	
SFPM	0 – 380
Cut Capacity	5" x 5"
Shoe	Tool-Free
LED Light	Yes
Hang Hook	Yes
Weight	15.9 lbs

Includes: 2729-22 (2) M18[™] REDLITHIUM[™] XC5.0 Battery Packs; **2729-21** (1) M18[™] REDLITHIUM[™] XC5.0 Battery Pack;

All Kits Include: Blade, Multi-Voltage Charger, Carrying Case



Compact Dual-Trigger Band Saw Kit

2829S-22

Specifications:

-	
SFPM	0 – 540
Cut Capacity	3-1/4" x 3-1/4"
Shoe	Tool-Free Locking
LED Light	Yes
Hang Hook	Yes
Dual-Trigger Design	Yes
Weight	7.7 lbs

Includes: (2) M18™ REDLITHIUM™ HIGH OUTPUT™ CP3.0 Battery Packs, Set of Band Saw Blade Covers, Blade, Rapid Charger, Contractor Bag

Band Saw Accessories

Deep Cut Band Saw Accessory:

Compatible with 2729-20, 2729S-22

49-90-2729 Deep Cut Band Saw Blade Covers

Compact Band Saw Accessories:

Compatible with 2829-20, 2829S-20

49-90-2829 Compact Band Saw Blade Covers

49-90-2029 Compact Band Saw Reamer Attachment



Deep Cut Dual-Trigger Band Saw Kit

2729S-22 (2729S-20 Tool-Only)

Specifications:

_	
SFPM	0 – 380
Cut Capacity	5" x 5"
Shoe	Tool-Free Locking
LED Light	Yes
Hang Hook	Yes
Dual-Trigger Design	Yes
Weight	13.8 lbs

Includes: (2) M18[™] REDLITHIUM[™] XC5.0 Battery Packs, Set of Band Saw Blade Covers, Blade, Multi-Voltage Charger, Contractor Bag

Compact Band Saw Kit

2829-22 (2829-20 Tool-Only)

Specifications: SFPM



Includes: (2) M18™ REDLITHIUM™ HIGH OUTPUT™ CP3.0 Battery Packs, Blade, Rapid Charger, Contractor Bag



Metal Cutting Circular Saw Kit

2782-22 (2782-20 Tool-Only)

Specifications:

RPM	3,900
Blade Size	5-3/8" - 5-7/8"
Arbor Size	20 mm
Hang Hook	Yes
Length / Weight	4.7" / 6.5 lbs

Includes: (2) M18™ REDLITHIUM™ XC5.0 Battery Packs, 30T Blade, Multi-Voltage Charger, Contractor Bag

M18 FUEL 8" Metal Cutting Circular Saw Kit 2982-21 (2982-20 Tool-Only)

Specifications:

Blade Cut Capacity	2-9/16"
RPM	4,000
Arbor Size	5/8"
Chip Collection	Yes
Overload Indicator Light	Yes
Electric Blade Brake	Yes
Length / Weight	15.5" / 12.1 lbe



Includes: (1) M18™ REDLITHIUM™ HIGH OUTPUT™ XC8.0 Battery Pack, Blade, Allen Key, Rapid Charger, Contractor Bag



M18 FUEL

14" Abrasive Chop Saw Kit

2990-21HD (2990-20 Tool-Only)

Specifications:

RPM	4,000
RAPID STOP™ Blade Brake	Yes
Tool-Free Blade Adjust	Yes
Tool-Free Fence Adjust	Yes
Cut Capacity	5"
Dimensions (L x W x H)	20.2" / 11.5" / 16.5"
Weight	38.1 lbs

Includes: (1) M18™ REDLITHIUM™ HIGH OUTPUT™ HD12.0 Battery Pack, Rapid Charger

M18 FUEL

7" / 9" Large Angle Grinder Kit

2785-22HD, 2785-21HD (2785-20 Tool-Only)

Specifications:

-	
RPM	6,600
Switch Type	Dual-Action Trigger
Overload Protection	Yes
Electronic Clutch	Yes
Tool-Free Accessory Change and Guard	Yes
Length / Weight	18.5" / 11.9 lbs

Includes: 2785-22HD (2) M18™ REDLITHIUM™ HIGH OUTPUT™ HD12.0 Battery Packs; 2785-21HD (1) M18™ REDLITHIUM™ HIGH OUTPUT™ HD12.0 Battery Pack;

All Kits Include: 9" T27 Guard, Anti-Vibration Side Handle, Back Flange, Dust Vent Clip, FIXTEC™ Nut, Spanner Wrench, Rapid Charger, Carrying Case



4-1/2" - 6" Braking Grinder Kit Paddle Switch, No-Lock

оросиновно.	
RPM	9,000
Switch Type	Paddle, No-Lock
Brake	Yes
Overload Protection	Yes
Electronic Clutch	Yes
Tool-Free Accessory Change and Guard	Yes



15.0" / 5.3 lbs Length / Weight Includes: 2980-22 (2) M18™ REDLITHIUM™ HIGH OUTPUT™ XC6.0 Battery Packs; 2980-21 (1) M18™ REDLITHIUM™ HIGH OUTPUT™ XC6 0 Battery Pack:

All Kits Include: T27 Guard, Side Handle, Back Flange,

M18 FUEL 4-1/2" - 6" Braking Grinder Kit Slide Switch, Lock-On

2981-22, 2981-21 (2981-20 Tool-Only)

Specifications:

	-	
	RPM	9,000
	Switch Type	Slide, Lock-On
	Brake	Yes
	Overload Protection	Yes
	Electronic Clutch	Yes
	Tool-Free Accessory Change and Guard	Yes
	Length / Weight	15.0" / 5.3 lbs

Includes: 2981-22 (2) M18™ REDLITHIUM™ HIGH OUTPUT™ XC6.0 Battery Packs; 2981-21 (1) M18™ REDLITHIUM™ HIGH OUTPUT™ XC6.0 Battery Pack:

All Kits Include: T27 Guard, Side Handle, Back Flange, FIXTEC™ Nut, Wrench, Rapid Charger, Contractor Bag



4-1/2" / 5" Grinder Kit **Paddle Switch, No-Lock** 2780-22, 2780-21 (2780-20 Tool-Only)

Specifications:

specifications.	
RPM	8,500
Switch Type	Paddle, No-Lock
Power to Grind	Yes
Overload Protection	Yes
Electronic Clutch	Yes
Tool-Free Accessory Change and Guard	Yes
Length / Weight	15.0" / 8.2 lbs

Includes: 2780-22 (2) M18[™] REDLITHIUM[™] XC5.0 Battery Packs; **2780-21** (1) M18[™] REDLITHIUM[™] XC5.0 Battery Pack; All Kits Include: Multi-Voltage Charger, Carrying Case





4-1/2" / 5" Grinder Kit Slide Switch, Lock-On

2781-22, 2781-21 (2781-20 Tool-Only)

Specifications:

opcomoditions:	
RPM	8,500
Switch Type	Slide, Lock-On
Power to Grind	Yes
Overload Protection	Yes
Electronic Clutch	Yes
Tool-Free Accessory Change and Guard	Yes
Length / Weight	15.0" / 8.2 lbs

Includes: 2781-22 (2) M18™ REDLITHIUM™ XC5.0 Battery Packs; 2781-21 (1) M18™ REDLITHIUM™ XC5.0 Battery Pack; All Kits Include: Multi-Voltage Charger, Carrying Case

4-1/2" / 5" Braking **Grinder Kit**

2783-22 (2783-20 Tool-Only)

Specifications:

RPM	8,500
Switch Type	Paddle, No-Lock
Brake	Yes
Clutch	Yes
Overload Protection	Yes
Tool-Free Accessory Change and Guard	Yes
Length / Weight	15.3" / 8.2 lbs

 $\textbf{Includes:} \ \ \textbf{T27 Guard, T1 Guard, Side Handle, Flange Nut, FIXTEC}^{\texttt{\tiny{M}}} \ \textbf{Nut;}$ 2783-22 (2) M18™ REDLITHIUM™ XC5.0 Battery Packs, Multi-Voltage Charger, Contractor Bag

M18 FUEL

4-1/2" / 5" Variable Speed Braking **Grinder, Paddle Switch No-Lock**

2888-20 Tool-Only

Spe	cifications:

Wheel Diameter	4-1/2" / 5"
Switch Type	Paddle, No-Lock
No Load RPM	3,500 - 8,500
Spindle	5/8" - 11
E-Clutch / Kickback Protection	Yes
Overload Protection	Yes
Tool-Free Guard Change	Yes
Tool-Free Accessory Change	Yes
Anti-Vibration Handle	Yes
Length / Weight	13.18" / 3.16 lbs

Battery and Charger Sold Separately

M18 FUEL 1/4" Die Grinder Kit

2784-22 (2784-20 Tool-Only)

Specifications:

Collet Size	1/4"	
RPM	20,000	
Switch Type	Slide, Lock-On	
Length / Weight	18.0" / 4.6 lbs	

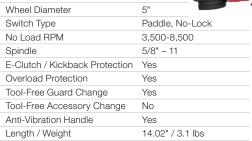
Includes: (2) M18™ REDLITHIUM™ XC5.0 Battery Packs, 11/16" Wrench, 1/2" Wrench, Multi-Voltage Charger, Carrying Case

M18 FUEL

5" Flathead Braking Grinder, Paddle **Switch No-Lock**

2886-20 Tool-Only

Specifications: Wheel Diameter Switch Type



Battery and Charger Sold Separately

5" Flathead Braking Grinder, Slide Switch Lock-On

2887-20 Tool-Only

Specifications:

specifications:	
Wheel Diameter	5"
Switch Type	Slide, No-Lock
No Load RPM	8,500
Spindle	5/8" - 11
E-Clutch / Kickback Protection	Yes
Overload Protection	Yes
Tool-Free Guard Change	Yes
Tool-Free Accessory Change	No
Anti-Vibration Handle	Yes
Length / Weight	14.02" / 3.1 lbs

Battery and Charger Sold Separately

M18™ 4-1/2" **Cut-Off / Grinder Kit**

2680-22 (2680-20 Tool-Only)

Specifications:

RPM	9,000
Switch	Paddle
Guard Adjustment	Tool-Free
Overload Protection	Yes
Weight	5.9 lbs

Includes: (2) M18[™] REDLITHIUM[™] XC3.0 Battery Packs, Type 1 Guard, Type 27 Guard, Spanner Wrench, Side Handle, Multi-Voltage Charger, Contractor Bag

4-1/2" / 5" Variable Speed Braking **Grinder, Slide Switch Lock-On** 2889-20 Tool-Only

Specifications:

-	10340
Wheel Diameter	4-1/2" / 5"
Switch Type	Slide, Lock-On
No Load RPM	3,500 - 8,500
Spindle	5/8" – 11
E-Clutch / Kickback Protection	Yes
Overload Protection	Yes
Tool-Free Guard Change	Yes
Anti-Vibration Handle	Yes
Length / Weight	Yes

Battery and Charger Sold Separately

M18™ Compact Heat Gun Kit

2688-21 (2688-20 Tool-Only)

Specifications:

Temperature	750°F
Guarded Nozzle	Yes
Ladder Hook	Yes
Length / Weight	6.4" / 3.3 lbs

Includes: (1) M18™ REDLITHIUM™ XC5.0 Battery Pack, 3/8" Concentrator Nozzle, Hook Nozzle, Multi-Voltage Charger, Carrying Case



M18[™] **18** Gauge **Double Cut Shear Kit** 2635-22 (2635-20 Tool-Only)

Specifications:

specifications.		
Head	18 Gauge Double Cut	
360° Tool-Free Rotating Head	Yes	
Variable Speed Trigger	Yes	
Length / Weight	17.3" / 5.6 lbs	

Includes: (2) M18[™] REDLITHIUM[™] XC3.0 Battery Packs, Hex Key, Belt Clip, Multi-Voltage Charger, Contractor Bag



M18[™] 14 Gauge Double Cut Shear Kit

2636-22 (2636-20 Tool-Only)

Specifications:

Head	14 Gauge Double Cut
360° Tool-Free Rotating Head	Yes
Variable Speed Trigger	Yes
Length / Weight	17.3" / 6.2 lbs

Includes: (2) M18[™] REDLITHIUM[™] XC3.0 Battery Packs, Hex Key, Belt Clip, Multi-Voltage Charger, Contractor Bag



Head	18 Gauge Single Cut
360° Tool-Free Rotating Head	Yes
Variable Speed Trigger	Yes
Length / Weight	18.0" / 5.8 lbs

Includes: (2) M18[™] REDLITHIUM[™] XC3.0 Battery Packs, Hex Key, Belt Clip, Multi-Voltage Charger, Contractor Bag





2738-22, 2738-21 (2738-20 Tool-Only)

Specifications:

7" Maximum
0 – 2,200
Yes
Yes
19.8" / 6.4 lbs

Includes: 2738-22 (2) M18[™] REDLITHIUM[™] XC5.0 Battery Packs, Backing Pad; **2738-21** (1) M18™ REDLITHIUM™ HIGH OUTPUT™ XC8.0 Battery Pack; All Kits Include: Screen Cover, Side Handle,

Bail Handle with (2) Bolts, Rapid Charger



Rod Cutter Kit 2872-21 (2872-20 Tool-Only)

M18™ Brushless Threaded

Specifications:

Cutting Capacity	1/4", 3/8" and 1/2"
Replacement Cutting Dies	Yes
Dimensions (L x W x H)	10.0" x 5.0" x 6.3"
Weight	7.7 lbs

Includes: (1) M18™ REDLITHIUM™ CP2.0 Battery Pack, Cutting Dies, Allen Key, Multi-Voltage Charger, Carrying Case

Related Accessory:

48-44-2872 1/4", 3/8", 1/2" Replacement Cutting Die Set



2646-22CT, 2646-21CT (2646-20 Tool-Only)

Specifications:

	Output Pressure	Up to 10,000 PSI (690 BAR)
	Run-Time	Up to 10 Cartridges Per Charge
	Grease Capacity	14 oz Cartridge, 16 oz Bulk, 16 oz Suction
	Air Bleeder Valve	Yes
	Weight	8.5 lbs

Includes: 2646-22CT (2) M18™ REDLITHIUM™ CP1.5 Battery Packs; **2646-22CT** (1) M18™ REDLITHIUM™ CP1.5 Battery Pack; All Kits Include: 48" Flex Hose with Spring Guard, High Pressure Grease Coupler, Shoulder Strap, Multi-Voltage Charger, Carrying Case Related Accessories:

49-16-2646 M18[™] Grease Gun 400g Clear Barrel

49-16-2647 M18™ Replacement Grease Gun Hose with High Pressure Coupler

49-16-2648 M18[™] Right Angle Grease Gun Coupler

49-16-2649 M18[™] High Pressure Grease Coupler (2 pk)







w/ O-D3 Jaw

2678-220

(2678-20 Tool-Only)

w/ Kearney Jaw

2678-22K

(2678-20 Tool-Only)

w/ O-D3 Jaw

2978-22O. 2978-OKIT

(2978-20 Tool-Only)

w/ Kearney Jaw

2978-22K

(2978-20 Tool-Only)

M18™ FORCE LOGIC™ **6T Utility Crimper Kits**



w/ BG-D3 Jaw 2678-22BG (2678-20 Tool-Only)



w/ Snub Nose Jaw 2678-22 (2678-20 Tool-Only)

Specifications:

Output Force	6 Tons
Adaptive Pressure Control System	Yes; PFM™
Reporting and Tool Diagnostics	Built-In; ONE-KEY™ Compatible
Cycle Time	2.9 Seconds
Head Rotation	340°
Height / Length	5.4" / 14.0"

Includes: 2678-22BG 6T Fixed BG Crimping Jaw; 2678-22O 6T Fixed O Crimping Jaw; 2678-22 6T Snub Nose Crimping Jaw;

2678-22K 6T Kearney Crimping Jaw;

All Kits Include: (2) M18™ REDLITHIUM™ CP2.0 Battery Packs, Multi-Voltage Charger, Utility Bag

M18™ FORCE LOGIC™ **6T Linear Utility Crimper Kits**



w/ BG-D3 Jaw 2978-22BG, 2978-BGKIT





2978-22 (2978-20 Tool-Only)

Specifications:

Output Force	6 Tons
Adaptive Pressure Control System	Yes; PFM™
Reporting and Tool Diagnostics	Built-In; ONE-KEY™ Compatible
Cycle Time	2.5 Seconds
Head Rotation	340°
Height / Length	5 1" / 19 9"

Includes: 2978-22BG 6T Fixed BG Crimping Jaw; 2978-BGKIT 6T Fixed BG Crimping Jaw, 750 MCM Cu/Al Cutting Jaw,

477 ACSR Cutting Jaw; **2978-220** 6T Fixed O Crimping Jaw;

2978-OKIT 6T Fixed O Crimping Jaw, 750 MCM Cu/Al Cutting Jaw, 477 ACSR Cutting Jaw:

2978-22 6T Snub Nose Crimping Jaw;

2978-22K 6T Kearney Crimping Jaw;

All Kits Include: (2) M18™ REDLITHIUM™ CP2.0 Battery Packs, Multi-Voltage Charger, Utility Bag

M18T FORCE LOGICT **6T Pistol Utility Crimper Kits**



w/ BG-D3 Jaw 2977-22BG (2977-20 Tool-Only)



w/ O-D3 Jaw 2977-220 (2977-20 Tool-Only)

Specifications:

Output Force	6 Tons
Adaptive Pressure Control System	Yes; PFM™
Reporting and Tool Diagnostics	Built-In; ONE-KEY™ Compatible
Cycle Time	2.9 Seconds
Head Rotation	340°
Height / Length	12.3" / 17.3"

Includes: 2977-22BG 6T Fixed BG Crimping Jaw; 2977-220 6T Fixed O Crimping Jaw. All Kits Include: (2) M18™ REDLITHIUM™ CP2.0 Battery Packs, Multi-Voltage Charger, Utility Bag



M18™ FORCE LOGIC™ 6T Utility **Crimper Accessories**

Compatible with 2678-20, 2977-20, 2978-20

6T Utility Crimper Jaws 49-16-BGD3 6T Fixed BG Crimping Jaw 49-16-10D3 6T Fixed O Crimping Jaw 49-16-11D3 6T Snub Nose Crimping Jaw

49-16-KEAR 6T Kearney Crimping Jaw

Cutter Jaws

Also Compatible with 2672-21, 2672-21S, and 2672-21F

49-16-2772 750 MCM Cu/Al Cutting Jaw 49-16-2773 477 ACSR Cutting Jaw 49-16-2777 1/2" EHS Guy Wire Cutting Jaw 49-16-2778 Fine-Stranded Wire Cutting Jaw

Cutter Replacement Blades

48-44-0411 Replacement Copper Blades 48-44-0412 Replacement Steel Blades 48-44-2777 1/2" EHS Guy Wire Replacement Blades 48-44-2778 Fine-Stranded Wire Replacement Blades

W Style Dies

49-16-WBG0 W Style Die: "W-BG" 49-16-WO00 W Style Die: "W-O" 49-16-WC00 W Style Die: "W-C" 49-16-W161 W Style Die: "W-161" 49-16-W162 W Style Die: "W-162" 49-16-W163 W Style Die: "W-163" 49-16-W164 W Style Die: "W-164" 49-16-W165 W Style Die: "W-165" 49-16-W166 W Style Die: "W-166" 49-16-W237 W Style Die: "W-237" 49-16-W239 W Style Die: "W-239" 49-16-W243 W Style Die: "W-243" 49-16-W247 W Style Die: "W-247" 49-16-W249 W Style Die: "W-249" 49-16-W840 W Style Die: "W-K840"

M18™ FORCE LOGIC™ **600 MCM Crimper Kit**

2679-22, 2679-750C, 2679-750A, 2679-350A, 2679-600C

Specifications:

Output Force	6 Tons
Adaptive Pressure Control System	Yes; PFM™
Reporting and Tool Diagnostics	Built-In; ONE-KEY™ Compatible
Cycle Time	2.9 Seconds
Head Rotation	350°
Height / Length	5.4" / 13.3"

Includes: 2679-750C 750 MCM Cu/Al Crimping Jaw, All Copper U Style Dies (49-16-KITC Die Kit and 49-16-750C Die Kit); 2679-750A 750 MCM Cu/Al Crimping Jaw, All Aluminum U Style Dies (49-16-KITA Die Kit and 49-16-750A Die Kit); **2679-350A** 49-16-KITA Die Kit; 2679-600C 49-16-KITC Die Kit:

All Kits Include: 2679-22 600 MCM Commercial U Crimping Jaw, (2) M18™ REDLITHIUM™ CP2.0 Battery Packs, Multi-Voltage Charger, Carrying Case

FORCE LOGIC™ 600 MCM **Crimper Accessories**

Compatible with 2679-22, 2679-750C, 2679-750A, 2679-350A, 2679-600C

Related Accessories:

49-16-U000 600 MCM Crimping Jaw 49-16-U111 750 MCM Cu/Al Cable Crimping Jaw 49-16-2780 750 MCM Cu/Al Cable Cutting Jaw

Cutter Replacement Blades

48-44-0411 750 MCM Cu/Al Cable Cutting Blades

Accessory Kits

49-16-KITA #8 AWG - 350 MCM Aluminum U Style Die Kit 49-16-750A 400 - 750 MCM Aluminum U Style Die & Jaw Kit 49-16-KITC #8 AWG - 600 MCM Copper U Style Die Kit 49-16-750C 750 MCM Copper U Style Die & Jaw Kit

Copper U Style Dies

49-16-U001C #1 Copper U Style Die 49-16-U002C #2 Copper U Style Die **49-16-U004C** #4 Copper U Style Die **49-16-U006C** #6 Copper U Style Die **49-16-U008C** #8 Copper U Style Die 49-16-U01AC 1/0 Copper U Style Die 49-16-U02AC 2/0 Copper U Style Die 49-16-U03AC 3/0 Copper U Style Die 49-16-U04AC 4/0 Copper U Style Die 49-16-U250C 250 MCM Copper U Style Die 49-16-U300C 300 MCM Copper U Style Die 49-16-U350C 350 MCM Copper U Style Die 49-16-U400C 400 MCM Copper U Style Die 49-16-U500C 500 MCM Copper U Style Die 49-16-U600C 600 MCM Copper U Style Die **49-16-U750C** 750 MCM Copper U Style Die

Aluminum Dual-Rated U Style Dies 49-16-U001 #1 Aluminum U Style Die 49-16-U002 #2 Aluminum U Style Die 49-16-U004 #4 Aluminum U Style Die 49-16-U006 #6 Aluminum U Style Die 49-16-U008 #8 Aluminum U Style Die 49-16-U01A 1/0 Aluminum U Style Die 49-16-U02A 2/0 Aluminum U Style Die 49-16-U03A 3/0 Aluminum U Style Die 49-16-U04A 4/0 Aluminum U Style Die 49-16-U250 250 MCM Aluminum U Style Die 49-16-U300 300 MCM Aluminum U Style Die 49-16-U350 350 MCM Aluminum U Style Die 49-16-U400 400 MCM Aluminum U Style Die 49-16-U500 500 MCM Aluminum U Style Die 49-16-U600 600 MCM Aluminum U Style Die 49-16-U750 750 MCM Aluminum U Style Die

M18™ FORCE LOGIC™ 750 MCM Dieless Crimper Kit



Specifications:

Crimping Capacity	#6 - 750 MCM Cu & Al
Adaptive Distance Control	Yes; Auto Distance Control
Reporting and Tool Diagnostics	Built-In; ONE-KEY™ Compatible
Dimensions (L x W x H)	18.9" x 3.3" x 6.5"
Weight	9.0 lbs

Includes: (2) M18[™] REDLITHIUM[™] CP2.0 Battery Packs, Multi-Voltage Charger, Carrying Case



M18™ FORCE LOGIC™ **12T Utility Crimper Kit**

2778-22 (2778-20 Tool-Only)

Specifications:

Output Force	12 Tons
Head Rotation	350°
Reporting and Tool Diagnostics	Built-In; ONE-KEY™ Compatible
Length / Weight	16.0" / 11.9 lbs

Includes: (1) M18™ REDLITHIUM™ XC5.0 Battery Pack. (1) M18™ REDLITHIUM™ CP2.0 Battery Pack, Carabiner, Multi-Voltage Charger and Inverter, Utility Bag



M18™ FORCE LOGIC™ **750 MCM Crimper Kit**

2779-22, 2779-750A, 2779-750C

Specifications:

Output Force	12 Tons
Head Rotation	350°
Reporting and Tool Diagnostics	Built-In; ONE-KEY™ Compatible
Length / Weight	16.0" / 11.5 lbs

Includes: 2779-750A 49-12-KITA; **2779-750C** 49-12-KITC; **All Kits Include: 2779-22** (1) M18[™] REDLITHIUM[™] XC5.0 Battery Pack, (1) M18™ REDLITHIUM™ CP2.0 Battery Pack, Multi-Voltage Charger, Carrying Case

Related Accessories:

Accessory Kits

49-12-KITC EXACT™ #6 AWG - 750 MCM Cu 12T U Style Die Kit 49-12-KITA EXACT™ #6 AWG - 750 MCM AI 12T U Style Die Kit

EXACT™ 12T Copper U Style Dies

EXACT IZT Copper 0 Style bles
49-12-U001C #1 Copper 12T U Style Die
49-12-U002C #2 Copper 12T U Style Die
49-12-U004C #4 Copper 12T U Style Die
49-12-U006C #6 Copper 12T U Style Die
49-12-U008C #8 Copper 12T U Style Die
49-12-U01AC 1/0 Copper 12T U Style Die
49-12-U02AC 2/0 Copper 12T U Style Die
49-12-U03AC 3/0 Copper 12T U Style Die
49-12-U04AC 4/0 Copper 12T U Style Die
49-12-U250C 250 MCM Copper 12T U Style D
49-12-U300C 300 MCM Copper 12T U Style D
49-12-U350C 350 MCM Copper 12T U Style D
49-12-U400C 400 MCM Copper 12T U Style D

49-12-U500C 500 MCM Copper 12T U Style Die

49-12-U600C 600 MCM Copper 12T U Style Die

49-12-0000C 000 MCM Copper 121 0 Style Die
49-12-U750C 750 MCM Copper 12T U Style Die
EXACT™ 12T Aluminum U Style Dies
49-12-U001 #1 Aluminum 12T U Style Die
49-12-U002 #2 Aluminum 12T U Style Die
49-12-U004 #4 Aluminum 12T U Style Die
49-12-U006 #6 Aluminum 12T U Style Die
49-12-U008 #8 Aluminum 12T U Style Die
49-12-U01A 1/0 Aluminum 12T U Style Die
49-12-U02A 2/0 Aluminum 12T U Style Die
49-12-U03A 3/0 Aluminum 12T U Style Die
49-12-U04A 4/0 Aluminum 12T U Style Die
49-12-U250 250 MCM Aluminum 12T U Style Die
49-12-U300 300 MCM Aluminum 12T U Style Die
49-12-U350 350 MCM Aluminum 12T U Style Die
49-12-U400 400 MCM Aluminum 12T U Style Die
49-12-U500 500 MCM Aluminum 12T U Style Die
49-12-U600 600 MCM Aluminum 12T U Style Die
49-12-U750 750 MCM Aluminum 12T U Style Die

M18™ FORCE LOGIC **15T Crimper Kit**

2879-22 (2879-20 Tool-Only)

Specifications:

Crimping Capacity	#8 – 1500 MCM Cu, #8 – 1250 MCM AI
Output Force	15 Tons
Adaptive Pressure Control	Yes; PFM™
Reporting and Tool Diagnostics	Built-In; ONE-KEY™ Compatible
Dimensions (L x W x H)	23.3" x 3.1" x 5.5"
Weight	16.1 lbs

Includes: (1) M18™ REDLITHIUM™ XC5.0 Battery Pack, (1) M18™ REDLITHIUM™ CP2.0 Battery Pack, P-to-U Die Adapter, Carabiner, Multi-Voltage Charger, Contractor Bag

Related Accessories:

49-15-PUAD P-to-U Die Adapter
49-15-P750 15T 750 MCM AI P-Die
49-15-P800 15T 800 MCM Al P-Die
49-15-P000 15T 1000 MCM AI P-Die
49-15-P750C 15T 750 MCM Cu P-Die
49-15-P800C 15T 800 MCM Cu P-Die
49-15-P000C 15T 1000 MCM Cu P-Die



M18™ FORCE LOGIC™ 10,000 PSI **Hydraulic Pump Kit**

2774-21HD (2774-20 Tool-Only)

Specifications:

10,000 psi / 700 bar
1.4 qts
125.0 in ³ /min
25.6 in ³ /min
IP54
15.8" x 11.5" x 13.9"
29.7 lbs

HD12.0 Battery Pack, Rapid Charge

Related Accessories:

49-12-2776 Bucket Hanger 49-12-2775 6' Controller Extension





M18™ FORCE LOGIC™ Cable Cutter Kit w/ 750 MCM Cu Jaws

2672-21

Specifications:

•	
Cut Capacity	750 MCM Cu, 1000 MCM Al
Average Cut Speed	3 Seconds
Head Rotation	350°
Auto Reset	Yes
Tool Diagnostics	Built-In; ONE-KEY™ Compatible
Height / Length	5.4" / 14.0"

Includes: (1) M18[™] REDLITHIUM[™] CP2.0 Battery Pack. 750 MCM Cable Cutter Jaw, Allen Wrench, Multi-Voltage Charger, Carrying Case

M18™ FORCE LOGIC™ Cable Cutter Kit w/ 477 ACSR Jaws

2672-21S

Specifications:

Cut Capacity	477 HEN ACSR
Average Cut Speed	3 Seconds
Head Rotation	350°
Auto Reset	Yes
Tool Diagnostics	Built-In; ONE-KEY™ Compatible
Height / Length	5.4" / 14.0"

Includes: (1) M18™ REDLITHIUM™ CP2.0 Battery Pack, 477 ACSR Cutting Jaw, Carabiner, Allen Wrench, Multi-Voltage Charger and Inverter, Bucket Bag

M18™ FORCE LOGIC™ Cable Cutter Kit w/ Fine-Stranded Wire Jaws

2672-21F

Specifications:

Average Cut Speed 3 Seconds Head Rotation 350° Auto Reset Yes Tool Diagnostics Built-In; ONE-KEY™ Compatible Height / Length 5.4" / 14.0"	Cut Capacity	777.7 MCM Fine-Stranded Wire	
Auto Reset Yes Tool Diagnostics Built-In; ONE-KEY™ Compatible	Average Cut Speed	3 Seconds	
Tool Diagnostics Built-In; ONE-KEY™ Compatible	Head Rotation	350°	
Compatible	Auto Reset	Yes	
Height / Length 5.4" / 14.0"	Tool Diagnostics		
	Height / Length	5.4" / 14.0"	

Includes: (1) M18[™] REDLITHIUM[™] CP2.0 Battery Pack, Fine-Stranded Wire Cutting Jaw, Allen Wrench, Multi-Voltage Charger, Carrying Case

M18™ FORCE LOGIC™ **Cable Cutter Accessories**

Compatible with 2672-21, 2672-21S and 2672-21F

Cutter Jaws

49-16-2772 750 MCM Cu/Al Cutting Jaw **49-16-2773** 477 ACSR Cutting Jaw 49-16-2777 1/2" EHS Guy Wire Cutting Jaw 49-16-2778 Fine-Stranded Wire Cutting Jaw

Cutter Replacement Blades

48-44-0411 Copper Replacement Blades 48-44-0412 ACSR Replacement Blades 48-44-2777 1/2" EHS Guy Wire Replacement Blades 48-44-2778 Fine-Stranded Wire Replacement Blades

M18™ FORCE LOGIC™ 3" Underground **Cable Cutter Kit** w/ Wireless Remote 2776R-21

Specifications:

Cut Capacity	1500 MCM Cu 15kV
Tool Diagnostics	Built-In; ONE-KEY™ Compatible
Height / Length	12.4" / 20.8"
Weight	15.8 lbs

Includes: (1) M18™ REDLITHIUM™ XC5.0 Battery Pack, Remote, Carabiner, Multi-Voltage Charger and Inverter, Utility Bag

Related Accessory:

49-16-2774 3" Underground Replacement Blades

M18™ FORCE LOGIC 3" Underground Cable Cutter Kit

2776-21

Specifications:

Cut Capacity	1500 MCM Cu 15kV
Tool Diagnostics	Built-In; ONE-KEY™ Compatible
Height / Length	12.4" / 20.8"
Weight	15.8 lbs

Includes: (1) M18™ REDLITHIUM™ XC5.0 Battery Pack, Carabiner, Multi-Voltage Charger and Inverter, Utility Bag

Related Accessory:

49-16-2774 3" Underground Replacement Blades

M18™ FORCE LOGIC™ **1590 ACSR Cutter Kit**

2777-21

Specifications:

Cut Capacity	Up to 1590 Falcon ACSR
Tool Diagnostics	Built-In; ONE-KEY™ Compatible
Height / Length	10.6" / 16.8"
Weight	11.8 lbs

Includes: (1) M18[™] REDLITHIUM[™] XC5.0 Battery Pack, Carabiner, Side Handle, Multi-Voltage Charger and Inverter, Utility Bag

Related Accessory:

49-16-2775 1590 ACSR Replacement Blades



M18™ FORCE LOGIC™ **6 Ton Knockout Tool Kit**

2677-23, 2677-21 (2677-20 No Punches or Dies)

Specifications:

-	
Mild Steel Capacity	4" in 14 Gauge
Stainless Steel Capacity	2" in 14 Gauge
Output Force	6 Tons
Quick-Connect Draw Stud	Yes
Rapid Reset	Yes
Height / Weight	4.5" / 4.3 lbs

Includes: 2677-23 (1) M18™ REDLITHIUM™ CP2.0 Battery Pack, EXACT™ 1/2" - 4" Conduit Punches and Dies; 2677-21 (1) M18™ REDLITHIUM™ CP2.0 Battery Pack, EXACT™ 1/2" - 2" Conduit Punches and Dies; **2677-20** (1) M18™ REDLITHIUM™ CP2.0 Battery Pack (No Punches or Dies Included); All Kits Include: (2) Draw Studs, Quick Connect Alignment System, Multi-Voltage Charger, Carrying Case



M18™ FORCE LOGIC™ **10 Ton Knockout Tool Kit**

2676-23, 2676-22 (2676-20 No Punches or Dies)

Encoifications

Specifications:		
Mild Steel Capacity	6" in 12 Gauge	
Stainless Steel Capacity	6" in 14 Gauge	
Output Force	10 Tons	
Quick-Connect Draw Stud	Yes	
Rapid Reset	Yes	
Height / Weight	5.5" / 7.1 lbs	

Includes: 2676-23 (2) M18™ REDLITHIUM™ XC3.0 Battery Packs, EXACT™ 1/2" - 4" Conduit Punches and Dies; 2676-22 (2) M18™ REDLITHIUM™ XC3.0 Battery Packs, 1/2" - 2" EXACT™ Conduit Punches and Dies; **2676-20** (2) M18[™] REDLITHIUM[™] XC3.0 Battery Packs (No Punches or Dies Included); All Kits Include: (3) Draw Studs, Quick-Connect Alignment System, Multi-Voltage Charger, Carrying Case

M18™ FORCE LOGIC™ **Knockout Accessories**

Compatible with 2677-20 and 2676-20

EXACT™ Accessory Kits

49-16-2692 1/2" -	1-1/4" Knockout Set
40 46 2602 1/0"	O" Knookout Cot

49-16-2693 1/2" – 2" Knockout Set **49-16-2694** 1/2" – 2" Hand Ratchet Knockout Set 49-16-2695 2-1/2" - 4" Knockout Set

EXACT™ Punches and Dies

49-16-2660* 1/2" Die

49-16-2675 3" Punch

49-16-2676 3-1/2" Die

49-16-2678 4" Die

49-16-2677 3-1/2" Punch

49-16-2660S 1/2" Die	
49-16-2661* 1/2" Punch	
49-16-2661S 1/2" Punch	
49-16-2662 3/4" Die	
49-16-2663 3/4" Punch	
49-16-2664 1" Die	()
49-16-2665 1" Punch	
49-16-2666 1-1/4" Die	•
49-16-2667 1-1/4" Punch	
49-16-2668 1-1/2" Die	
49-16-2669 1-1/2" Punch	
49-16-2670 2" Die	
49-16-2671 2" Punch	
49-16-2672 2-1/2" Die	
49-16-2673 2-1/2" Punch	
49-16-2674 3" Die	
	49-16-2661* 1/2" Punch 49-16-2661\$ 1/2" Punch 49-16-2662 3/4" Die 49-16-2663 3/4" Punch 49-16-2663 3/4" Punch 49-16-2664 1" Die 49-16-2665 1" Punch 49-16-2666 1-1/4" Die 49-16-2667 1-1/4" Punch 49-16-2668 1-1/2" Die 49-16-2669 1-1/2" Punch 49-16-2671 2" Die 49-16-2671 2" Punch 49-16-2671 2" Punch 49-16-2673 2-1/2" Die 49-16-2673 2-1/2" Die

49-16-2679 4" Punch **49-16-2686** 5" Die 49-16-2687 5" Punch 49-16-2688 6" Die 49-16-2689 6" Punch *These items are intended only for Mild Steel.

EXACT™ Sink Punches & Dies

49-16-2705 7/8" Sink Die 49-16-2706 7/8" Sink Punch 49-16-2700 1-3/8" Sink Die

49-16-2701 1-3/8" Sink Punch

Rapid Reset Draw Studs

49-16-2703 Rapid Reset 3/4" Draw Stud 49-16-2704 Rapid Reset 1-1/8" Draw Stud 49-16-2708 Rapid Reset 1-1/8" Long Draw Stud

Draw Studs

49-16-2621 3/8" Ball Bearing Draw Stud **49-16-2622** 3/4" Ball Bearing Draw Stud 49-16-2680 7/16" Draw Stud

49-16-2681 3/4" Draw Stud 49-16-2682 1-1/8" Draw Stud 49-16-2707 1-1/8" Long Draw Stud

Adapters

49-16-2684 3/8" Adapter for EXACT™ 2-1/2" – 4" Dies to 3/4" Draw Studs **49-16-2685** Adapter for M18™ FORCE LOGIC™ Knockout Tool to other major brands of punches and dies



2935CU-21S, 2935AL-21, 2935X-21 (2935-20 Tool-Only)

Specifications:

Variable Speed Trigger	Yes
Tool Free Depth Gauge	Yes
Compatible Bushing Types	Industry Standard Quick-Change
Dimensions (L x W x H)	8.5" x 2.8" x 11.3"
Weight	3.8 lbs

Includes: 2935CU-21S 1/0 AWG - 750 MCM Cu THHN / XHHW Bushings; $\bf 2935AL-21$ 1/0 AWG – 750 MCM AI THHN / XHHW Bushings; **2935X-21** 1/0 AWG – 500 MCM Cu RHW / RHH / USE Bushings; **All Kits Include:** (1) M18™ REDLITHIUM™ CP2.0 Battery Pack, Multi-Voltage Charger, Carrying Case

Cable Stripper Accessories

Compatible with 2935-20, 2435-20

Bushing Kits

49-16-BKITC 1/0 AWG - 750 MCM Cu THHN / XHHW Bushing Kit 49-16-BKITA 1/0 AWG - 750 MCM AI THHN / XHHW Bushing Kit

Bushings - Cu THHN / XHHW

49-16-B01AC 1/0 AWG Cu THHN / XHHW Bushing 49-16-B02AC 2/0 AWG Cu THHN / XHHW Bushing 49-16-B03AC 3/0 AWG Cu THHN / XHHW Bushing 49-16-B04AC 4/0 AWG Cu THHN / XHHW Bushing 49-16-B250S 250 MCM Cu THHN / XHHW S Bushing 49-16-B250C 250 MCM Cu THHN / XHHW Bushing 49-16-B300\$ 300 MCM Cu THHN / XHHW S Bushing 49-16-B300C 300 MCM Cu THHN / XHHW Bushing 49-16-B350S 350 MCM Cu THHN / XHHW S Bushing **49-16-B350C** 350 MCM Cu THHN / XHHW Bushing 49-16-B400S 400 MCM Cu THHN / XHHW S Bushing **49-16-B400C** 400 MCM Cu THHN / XHHW Bushing 49-16-B500S 500 MCM Cu THHN / XHHW S Bushing **49-16-B500C** 500 MCM Cu THHN / XHHW Bushing 49-16-B600S 600 MCM Cu THHN / XHHW S Bushing 49-16-B600C 600 MCM Cu THHN / XHHW Bushing 49-16-B750C 750 MCM Cu THHN / XHHW Bushing

Bushings - Al THHN / XHHW 49-16-B01A 1/0 AWG AI THHN / XHHW Bushing 49-16-B02A 2/0 AWG AI THHN / XHHW Bushing 49-16-B03A 3/0 AWG AI THHN / XHHW Bushing 49-16-B04A 4/0 AWG AI THHN / XHHW Bushing 49-16-B250 250 MCM AI THHN / XHHW Bushing 49-16-B300 300 MCM AI THHN / XHHW Bushing 49-16-B350 350 MCM AI THHN / XHHW Bushing 49-16-B400 400 MCM AI THHN / XHHW Bushing **49-16-B500** 500 MCM AI THHN / XHHW Bushing 49-16-B600 600 MCM AI THHN / XHHW Bushing **49-16-B750** 750 MCM AI THHN / XHHW Bushing

Bushings - Cu RHW / RHH / USE

49-16-B01AX 1/0 AWG Cu RHW / RHH / USE Bushing 49-16-B02AX 2/0 AWG Cu RHW / RHH / USE Bushing 49-16-B03AX 3/0 AWG Cu RHW / RHH / USE Bushing 49-16-B04AX 4/0 AWG Cu RHW / RHH / USE Bushing 49-16-B250X 250 MCM Cu RHW / RHH / USE Bushing 49-16-B300X 300 MCM Cu RHW / RHH / USE Bushing 49-16-B350X 350 MCM Cu RHW / RHH / USE Bushing 49-16-B500X 500 MCM Cu RHW / RHH / USE Bushing

Replacement Blade for Bushings

48-44-2935 Replacement Blade for Cable Stripper Bushings

M18 FUEL ANGLER™ Pulling **Fish Tape Kit**

2873A-22, 2873B-22 (2873-20 Tool-Only)

Specifications:

	Pull Force	(4) #10 Wires
	Powered Feed & Retract	Yes, AUTO-RUN™ Powered Feed & Retract
	Dimensions (L x W x H)	13.2" x 6.0" x 17.7"
	Weight	19.1 lbs (2873B), 16.2 lbs (2873A), 8.3 lbs (2873-20)

Includes: 2873A-22: ANGLER™ 120' x 1/8" Steel Pulling Fish Tape; 2873B-22: ANGLER™ 240' x 1/8" Steel Pulling Fish Tape Replacement Cartridge; All Kits Include: (2) M18™ REDLITHIUM™

CP2.0 Battery Packs, Multi-Voltage Charger

Related Accessories:

48-44-5176 M18 FUEL™ ANGLER 120' x 1/8" Steel Pulling Fish Tape Replacement Cartridge **48-44-5178** M18 FUEL™ ANGLER™ 240' x 1/8" Steel Pulling Fish Tape Replacement Cartridge

48-44-5195 M18 FUEL™ ANGLER™

100' Non-Conductive Polyester Pulling Fish Tape Replacement Cartridge





Pipe Threader

w/ ONE-KEY™ Kit 2874-22HD



-		
Capacity	1/8" - 2"	REDLITHIUN
Kickback Control	AUTOSTOP™	HIGH OUTPUT HE
Threading Support Arm	Yes	
Trigger	Variable Speed	
Die Head Retention Lock	Yes	
Die Head Compatibility	RIDGID® 12R, Re	ed R12+

Includes: (2) M18™ REDLITHIUM™ HIGH OUTPUT™ HD12.0 Battery Packs, Threading Support Arm, Rapid Charger, Carrying Case



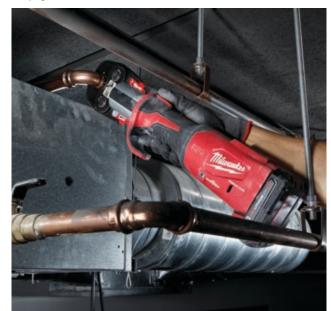
M18™ FORCE LOGIC® **Press Tool Kit** w/ ONE-KEY" with 1/2" - 2" CTS Jaws

2922-22 (2922-20 No Jaw Kit)

Specifications:

Capacity	1/2" - 4" (Varies by Material)
Calibration Interval	50,000 Cycles
Approx Cycle Time	4 Seconds
Press Force	7,200 lbs
ONE-KEY™ Compatible	Report. Track. Manage.
Performance Reporting	Wireless, Mobile, Desktop
Length/Weight	14.1" / 6.5 lbs

Includes: (2) M18™ REDLITHIUM™ CP2.0 Battery Packs, (6) CTS Jaws (1/2", 3/4", 1", 1-1/4", 1-1/2", 2"), Multi-Voltage Charger, Carrying Case; 2922-20 No Jaws Included



M18™ FORCE LOGIC™ **Long Throw Press Tool Kit**

2773-22L (2773-20L No Jaw Kit)

Specifications:

Capacity	1/2" - 4" (Varies by Material)
Calibration Interval	50,000 Cycles (LED Indicator)
Approximate Cycle Time	4 Seconds, 8 Seconds at Extended Stroke
Press Force	7,200 lbs
Length / Weight	20.1" / 10.1 lbs

Includes: 2773-22L (2) M18™ REDLITHIUM™ XC3.0 Battery Packs, (3) Jaws (1/2", 3/4", 1"), Multi-Voltage Charger, Carrying Case; 2773-20L No Jaws Included



FORCE LOGIC™ Press Tool Accessories

Compatible with 2922-20 and 2773-20L

Accessory Kits

49-16-2696 1/2" – 1" IPS-P Press Jaw Kit **49-16-2690** 2-1/2" – 4" CTS-Vr1 Press Ring Kit **49-16-2691*** 1-1/4" – 2" IPS-Ar1 Press Ring Kit 49-16-2697 1/2" - 2" IPS-P Press Ring Kit 49-16-2698* 2-1/2" - 4" IPS-Pr2 Press Ring Kit

CTS Jaws & Rings

49-16-2650 1/2" CTS-V Press Jaw
49-16-2651 3/4" CTS-V Press Jaw
49-16-2652 1" CTS-V Press Jaw
49-16-2653 1-1/4" CTS-V Press Jaw
49-16-2654 1-1/2" CTS-V Press Jaw
49-16-2655 2" CTS-V Press Jaw
49-16-2656 2-1/2" CTS-Vr1 Press Rin
49-16-2657 3" CTS-Vr1 Press Ring
49-16-2658 4" CTS-Vr1 Press Ring

IPS Jaws & Rings

irə Jaws & Hiligs
49-16-2650B 1/2" IPS-P Press Jaw
49-16-2651B 3/4" IPS-P Press Jaw
49-16-2652B 1" IPS-P Press Jaw
49-16-2653B 1-1/4" IPS-Pr1 Press Ring
49-16-2654B 1-1/2" IPS-Pr1 Press Ring
49-16-2655B 2" IPS-Pr1 Press Ring
49-16-2656B* 2-1/2" IPS-Pr2 Press Ring
49-16-2657B* 3" IPS-Pr2 Press Ring
49-16-2658B* 4" IPS-Pr2 Press Ring
49-16-2650S 1/2" IPS-IA Press Jaw
49-16-2651S 3/4" IPS-IA Press Jaw
49-16-2652S 1" IPS-IA Press Jaw
49-16-2653S 1-1/4" IPS-IAr2 Press Ring
49-16-2654S* 2" IPS-IAr2 Press Ring
49-16-2655S* 2" IPS-IAr2 Press Ring

PEX Jaws & Rings

49-16-2651C 1/2" PEX-CRIMP Jaw
49-16-2653C 3/4" PEX-CRIMP Jaw
49-16-2654C 1" PEX-CRIMP Jaw
49-16-2655C 1-1/4" PEX-CRIMP Jaw
49-16-2656C 1-1/2" PEX-CRIMP Jaw
49-16-2657C 2" PEX-CRIMP Jaw
*Compatible with 2773-20L only.

*Compatible with 2773-20L only.
ACR Jaws & Rings
49-16-2650M 1/4" Streamline™ ACR Press Jaw
49-16-2652M 3/8" Streamline™ ACR Press Jaw
49-16-2653M 1/2" Streamline™ ACR Press Jaw
49-16-2654M 5/8" Streamline™ ACR Press Jaw
49-16-2655M 3/4" Streamline™ ACR Press Jaw
49-16-2656M 7/8" Streamline™ ACR Press Jaw
49-16-2651M 1-1/8" Streamline™ ACR Press Ring
49-16-2661M 1/4" – 7/8" Streamline™ ACR Press Jaw Kit
49-16-2650R 1/4" RLS® Press Jaw
49-16-2652R 3/8" RLS [®] Press Jaw
49-16-2653R 1/2" RLS® Press Jaw
49-16-2654R 5/8" RLS® Press Jaw
49-16-2655R 3/4" RLS® Press Jaw
49-16-2656R 7/8" RLS® Press Jaw
49-16-2657R 1-1/8" RLS® Press Jaw
49-16-2658R 1-3/8" RLS® Press Jaw

49-16-2660R 1/4" - 1-3/8" RLS® Press Jaw Kit



M18™ Short Throw Press Tool w/ PEX Crimp Jaws Kit

2674-22C, 2674-20C Specifications

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Capacity	Up to 1"	
Cycle Time	3 Seconds	
Auto Cycle	Yes	
ength / Weight	13.5" / 4.8 lbs	

Includes: 2674-22C (2) M18™ REDLITHIUM™ CP2.0 Battery Packs, Multi-Voltage Charger; 2674-20C Battery and Charger Sold Separately; All Kits Include: (3) PEX Crimp Jaws (1/2", 3/4", 1"), Carrying Case



M18™ Short Throw Press Tool w/ Viega® PureFlow® Jaws Kit

2674-22P, 2674-20P

G.	200	ific	atic	ne:
-	-		atic	,,,,

Capacity	Up to 1"	
Cycle Time	3 Seconds	
Auto Cycle	Yes	
Length / Weight	13.5" / 4.8 lbs	

Includes: 2674-22P (2) M18™ REDLITHIUM™ CP2.0 Battery Packs, Multi-Voltage Charger; 2674-20P Battery and Charger Sold Separately; All Kits Include: (3) Viega® PureFlow® Jaws (1/2", 3/4", 1"), Carrying Case

Short Throw Press Tool Accessories

Compatible with 2674-20C and 2674-20P 49-16-2630C 3/8" PEX Crimp Jaw



2633-22HD

Specifications:

Capacity	2", 2-1/2" and 3"
Auto-Rotation	Built-In
Auto-Cycle	Built-In
Dimensions (L x W x H)	14.5" x 11.8" x 4.8"
Weight	13.1 lbs



Multi-Voltage Charger, Carrying Case **Related Accessories:**

49-08-2401 150g ProPEX® Expander Cone Grease
49-16-2614 2" ProPEX® Expansion Head
49-16-2616 2-1/2" ProPEX® Expansion Head
49-16-2618 3" ProPEX® Expansion Head

M18 EUEL 2" ProPEX® Expander Kit w/ ONE-KEY" with 1-1/4" - 2" **ProPEX® Expander Heads**

2932-22XC

Specifications:

Capacity	3/8" - 2"
Auto-Rotation	Built-In
Dimensions (L x W x H)	9" x 4.3" x 13.6"
Weight	10.9 lbs

Includes: (2) M18™ REDLITHIUM™ XC5.0 Battery Packs, (3) ProPEX® Expansion Heads (1-1/4", 1-1/2", 2"), 150g Expander Grease, Multi-Voltage Charger, Carrying Case

Related Accessories:

49-16-2608	1" ProPEX® Expansion Head
49-16-2610	1-1/4" ProPEX® Expansion Hea

49-16-2612 1-1/2" ProPEX® Expansion Head **49-16-2613** 2" ProPEX® Expansion Head for M18 FUEL™ Expander

49-08-2403 150g ProPEX® Expander Cone Grease w/ 2" Applicator Head



M18[™] ProPEX® **Expansion Tool Kit**

2632-22XC (2632-20 Tool-Only)

Specifications:

-	
Capacity	3/8" - 1-1/2"
Auto-Rotation	Built-In
Dimensions (L x W x H)	8.7" x 4.4" x 10.8"
Weight	9.2 lbs
Weight	9.2 lbs

Includes: (2) M18[™] REDLITHIUM[™] XC3.0 Battery Packs, (3) ProPEX® Expansion Heads (1", 1-1/4", 1-1/2"), Grease, Multi-Voltage Charger, Carrying Case

Related Accessories:

49-08-2400 ProPEX® Expander Cone Grease 49-16-2608 1" ProPEX® Expansion Head 49-16-2610 1-1/4" ProPEX® Expansion Head 49-16-2612 1-1/2" ProPEX® Expansion Head





Sewer Sectional Machine Kit w/ CABLE DRIVE for 7/8" & 1-1/4" Cable

2871A-22, 2871-22

Specifications:

Maximum Drain Line Capacity	2" – 8" up to 200'
Cable Capacity	7/8" and 1-1/4"
Powered Cable Feed & Retract	Yes, CABLE DRIVE™
Cable Spin Speed	700 RPM
Height / Length	23" / 35"
Weight	74 lbs

Includes: 2871A-22 (7) 1-1/4" x 15' All Purpose Open Wind Cables, (2) Cable Containers, Straight Auger, Funnel Auger, Small Opening Tool, Medium Opening Tool, 3" Grease Cutter, 3" Root Cutter, 4" Root Cutter, Pin Key, Head Attachment Case:

All Kits Include: (2) M18™ REDLITHIUM™ HIGH OUTPUT™ HD12.0 Battery Packs, Rear Guide Hose, Rapid Charger



Sectional Machine for 5/8" & 7/8" Cable

2818-21, 2818A-21, 2818B-21

Specifications:

Maximum Drain Line Capacity	1-1/4" – 6" out to 150'
Cable Capacity	5/8" and 7/8"
Cable Feed & Retract	Manual
Cable Spin Speed	650 RPM
Height / Length	15.1" / 14.6"
Weight	27.3 lbs

Includes: 2818-21: Large Rear Guide Hose; 2818A-21: Large Rear Guide Hose, Medium Cable Container, (5) 7/8" x 15' All Purpose Open Wind Sectional Cables, - 4" Head Attachment Kit;

2818B-21: Small Rear Guide Hose, Small Cable Container, (6) 5/8" x 7-1/2' All Purpose Open Wind Sectional Cables, Head Attachment Kit;

All Kits Include: (1) M18™ REDLITHIUM™ HIGH OUTPUT™ HD12.0 Battery Pack, Carry Strap, Rapid Charge



Sectional Machine Cables and Accessories

Related Accessories:

neiated Accessories.
47-53-2871 Cable Container
47-53-2872 Rear Guide Hose
47-53-2874 Small Rear Guide Hose
47-53-2873 Large Rear Guide Hose
47-53-2869 Small Cable Container
47-53-2870 Medium Cable Containe
48-08-0555 Carrying Strap

Compatible with 2818-20

48-53-2680 5/8" x 7.5' All Purpose Sectional Cable

48-53-3811 Drop Head Bulb Auger w/ RUST GUARD™ for 5/8" Sectional Cable 48-53-3812 Drop Head Straight Auger w/ RUST GUARD™ for 5/8" Sectional Cable 48-53-3813 Flexible Funnel Auger w/ RUST GUARD™ for 5/8" Sectional Cable 48-53-3814 Flexible Opening Tool w/ RUST GUARD™ for 5/8" Sectional Cable

48-53-3815 2" Opening Tool w/ RUST GUARD™ for 5/8" Sectional Cable **48-53-3820** 1-1/4" - 2" Head Attachment Kit w/ RUST GUARD™ for 5/8" Sectional Cable

Compatible with 2818-20 and 2871-20

7/8"

48-53-2852 7/8" x 15' All Purpose Sectional Cable 48-53-3829 Flexible Straight Auger w/ RUST GUARD™ for 7/8" Sectional Cable 48-53-3830 Straight Auger w/ RUST GUARD™ for 7/8" Sectional Cable 48-53-3828 Flexible Funnel Auger w/ RUST GUARD™ for 7/8" Sectional Cable 48-53-3831 Funnel Auger w/ RUST GUARD™ for Sectional Cable 48-53-3825 2" Root Cutter w/ RUST GUARD™ for 7/8" Sectional Cable 48-53-3832 3" Root Cutter w/ RUST GUARD™ for 7/8" Sectional Cable 48-53-3833 4" Root Cutter w/ RUST GUARD™ for 7/8" Sectional Cable

48-53-3834 6" Root Cutter w/ RUST GUARD™ for 7/8" Sectional Cable 48-53-3827 2" Opening Tool w/ RUST GUARD™ for 7/8" Sectional Cable 48-53-3835 3" Opening Tool w/ RUST GUARD™ for 7/8" Sectional Cable

48-53-3836 4" Opening Tool w/ RUST GUARD™ for 7/8" Sectional Cable 48-53-3837 3" Grease Cutter w/ RUST GUARD™ for 7/8" Sectional Cable 48-53-3838 4" Grease Cutter w/ RUST GUARD™ for 7/8" Sectional Cable

48-53-3839 2" - 4" Head Attachment Kit w/ RUST GUARD" for 7/8" Sectional Cable

48-53-3840 3" - 6" Head Attachment Kit w/ RUST GUARD™ for 7/8" Sectional Cable

48-53-2851 1-1/4" x 15' All Purpose Sectional Cable

Compatible with 2871-20

1-1/4"

48-53-2854 1-1/4" x 15' Heavy Duty Sectional Cable 48-53-4830 Straight Auger w/ RUST GUARD™ for 1-1/4" Sectional Cable 48-53-4831 Funnel Auger w/ RUST GUARD™ for 1-1/4" Sectional Cable 48-53-4832 3" Root Cutter w/ RUST GUARD™ for 1-1/4" Sectional Cable 48-53-4833 4" Root Cutter w/ RUST GUARD™ for 1-1/4" Sectional Cable 48-53-4834 6" Root Cutter w/ RUST GUARD™ for 1-1/4" Sectional Cable 48-53-4835 3" Opening Tool w/ RUST GUARD™ for 1-1/4" Sectional Cable 48-53-4836 4" Opening Tool w/ RUST GUARD™ for 1-1/4" Sectional Cable 48-53-4837 3" Grease Cutter w/ RUST GUARD™ for 1-1/4" Sectional Cable 48-53-4838 4" Grease Cutter w/ RUST GUARD™ for 1-1/4" Sectional Cable

48-53-4840 3" - 8" Head Attachment Kit w/ RUST GUARD" for 1-1/4" Sectional Cable 44-60-0005 Pin Key for Drain Cleaning 48-53-2839 Head Attachment Case





SWITCH PACK™Sectional Kit for 5/16" - 5/8" Cable

2775-211, 2775A-211, 2775B-211, 2775C-222, 2775E-211

Specifications:

Maximum Drain Line Capacity	1-1/4" – 4" up to 100' (not for roots)
Drum Capacity	Inner Core Cables: 5/16" x 75', Best for 1-1/4" – 2-1/2" drain lines; 3/8" x 50', Best for 2" – 3" drain lines; 1/2" x 50', Best for 3" – 4" drain lines
	Open Wind Cables: 5/8" x 50', Best for 1-1/4" – 3" drain lines (soft blockages)
Backpack Straps	Yes
Removable Drum	Yes, Tool-Free
Cable Spin Speed	250 RPM
Electronic Foot Pedal	Yes
Integrated Drum Brake	Yes
Length	15.8"

Includes: 2775A-211: 5/16" x 75' Inner Core Drop Head Cable

2775B-211: 3/8" x 50' Inner Core Coupling Cable w/ RUST GUARD™ Plating, (4) Cable Head Attachments w/ RUST GUARD™ Plating (1-1/2" Spade Bit, 1-1/2" C-Cutter, Medium Funnel, Medium Drop Head), Pin Key; 2775C-222: Additional M18™ REDLITHIUM™ XC5.0 Battery Pack, Additional SWITCH PACK™ Drum w/ Anchor Cable, (2) 1/2" x 50' Inner Core Coupling Cables w/ RUST GUARD™ Plating, (4) Cable Head Attachments w/ RUST GUARD™ Plating (1-1/2" Spade Bit, 1-1/2" C-Cutter, Medium Funnel, Medium Drop Head), Pin Key:

2775E-211: 5/8" x 50' Open Wind Coupling Cable w/ RUST GUARD™ Plating. (4) Cable Head Attachments w/ RUST GUARD™ Plating (1" Spade Bit, 1" C-Cutter, Small Bulb Head, Small Drop Head), Pin Key; **All Kits Include:** 2775-211: SWITCH PACK™ Powered Base,

SWITCH PACK™ Drum w/ Anchor Cable, (1) M18™ REDLITHIUM™ XC5.0 Battery Pack, Multi-Voltage Charger

Related Accessories:

47-53-2775 SWITCH PACK™ Drum w/ Anchor Cable 47-53-2774 CABLE DRIVE™ Assembly 47-53-2773 Mounting Plate

47-53-2776 Guide Hose

Drain Cleaning Accessories

Compatible with MILWAUKEE® and other professional brand drain cleaning machines

RUST GUARD[™] Plated Cables

48-53-2563 1/4" x 25' Inner Core Bulb Head Handheld Cable **48-53-2564** 1/4" x 25' Inner Core Drop Head Handheld Cable 48-53-2671 1/4" x 35' Inner Core Bulb Head Handheld Cable **48-53-2672** 1/4" x 50' Inner Core Bulb Head Handheld Cable 48-53-2561 5/16" x 25' Inner Core Bulb Head Handheld Cable 48-53-2562 5/16" x 25' Inner Core Drop Head Handheld Cable 48-53-2673 5/16" x 35' Inner Core Bulb Head Handheld Cable **48-53-2674** 5/16" x 50' Inner Core Bulb Head Handheld Cable 48-53-2772 5/16" x 75' Inner Core Drop Head Cable 48-53-2676 3/8" x 25' Inner Core Handheld Cable 48-53-2675 3/8" x 35' Inner Core Handheld Cable

RUST GUARD™ Plated Cable Attachments

Compatible with MILWAUKEE® Coupling Cables

48-53-2681 Small Bulb Head 48-53-2682 Small Drop Head 48-53-2683 1" Spade Bit 48-53-2684 1" C-Cutter

48-53-2685 2" - 3" Head Attachment Kit

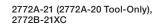
48-53-2786 Medium Funnel Head 48-53-2787 Medium Drop Head 48-53-2788 1-1/2" Spade Bit.

48-53-2789 1-1/2" C-Cutter

48-53-2790 2" - 3" Head Attachment Kit

M18 FUEL **Drain Snake w/**

CABLE DRIVE™ Kit for 1/4" - 3/8" Cable



Specifications:

Maximum Drain Line Capacity	1-1/4" – 3" up to 50'
Drum Capacity	1/4" x 50', Best for 1-1/4" - 2" drain lines; 5/16" x 50', Best for 1-1/4" - 2-1/2" drain lines; 3/8" x 35', Best for 2" - 3" drain lines
Powered Cable Feed & Retract	Yes, CABLE DRIVE™
Variable Feed Speed	0 - 8" Per Second
Variable Spin Speed	0 – 600 RPM
Feed Lock	Yes, Twist Lock
Cable Lock	Yes, Twist Lock
LED Light	Yes
Length / Weight	19.5" / 8.2 lbs

Includes: 2772A-21 (1) M18™ REDLITHIUM™ CP2.0 Battery Pack, 5/16" x 35' Inner Core Bulb Head Cable w/ RUST GUARD™ Plating; 2772B-21XC (1) M18™ REDLITHIUM™ XC5.0 Battery Pack, 1/4" x 35' Inner Core Bulb Head Cable w/ RUST GUARD™ Plating, 3/8" x 35' Inner Core Coupling Cable w/ RUST GUARD™ Plating. (4) Cable Attachments (1" Spade Bit, 1" C-Cutter, Small Bulb Head, Small Drop Head), Pin Key; 2772A-20 Only Includes 5/16" x 35' Inner Core Bulb Head Cable w/ RUST GUARD™ Plating, Battery and Charger Sold Separately; All Kits Include: Multi-Voltage Charger, Storage Bucket



M18™ 200' Stiff Pipeline **Inspection System Kit**

2974-21 (2974-20 Reel-Only)

Specifications:

-р	- -
Line Capacity	3" - 10"
Push Cable	12 mm, 200'
Camera Head	34 mm, Self-Leveling, Sapphire Lens
Camera Resolution	1080P
Internal Storage	500GB
Sonde Frequency	512kHz, 640Hz, 33kHz
Line Trace Frequency	33kHz, 83kHz

Includes: (2) M18[™] REDLITHIUM[™] XC5.0 Battery Packs, 200' Stiff Pipeline Inspection Reel, M18™ 500GB Control Hub, Tablet Mount, Medium Camera Head Skid for 34 mm Camera, Small Camera Head Skid for 34 mm Camera, Rapid Charger

M18[™] Wireless Monitor

2971-20 Tool-Only

Specifications:

-	
Screen	8" Daylight Readable
Resolution	800 x 600
Wireless Range	200'
Weight	4 lbs

Battery and Charger Sold Separately

Includes: USB-C Cable



M18™ 120¹ Pipeline Inspection **System Kit**

2973-22 (2973-20 Tool-Only)

Specifications:

opoomouno.	
Line Capacity	2" - 6"
Push Cable	10 mm, 120'
Camera Head	25 mm, Self-Leveling, Sapphire Lens
Camera Resolution	1080P
Internal Storage	500GB
Sonde Frequency	512kHz, 33kHz
Line Trace Frequency	33kHz, 83kHz

Includes: (2) M18™ REDLITHIUM™ XC5.0 Battery Packs, 120' Mid-Stiff Pipeline Inspection Reel, M18™ 500GB Control Hub, Tablet Mount, Medium Camera Head Skid for 25 mm Camera, Small Camera Head Skid for 25 mm Camera, Rapid Charger

Related Accessories: 2970-20 M18[™] 500GB Control Hub 48-53-2970 Tablet Mount



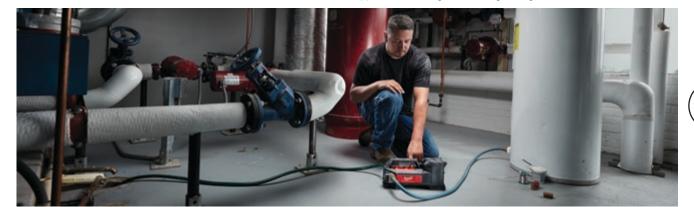
M18™ Transfer Pump Kit

2771-21 (2771-20 Tool-Only)

Specifications:

Gallons Per Hour 4	480
Gallons Per Battery 1 (w/ M18™ XC3.0 Battery)	144
Maximum Lift 1	18'
Maximum Head Height 7	75'
Self-Priming Y	Yes
Flexible Impeller Y	Yes
Fittings 3	3/4" Brass Inlet and Outlet
Weight 7	7.5 lbs

Includes: (1) M18[™] REDLITHIUM[™] XC3.0 Battery Pack, (2) 3/4" Brass Fittings, Multi-Voltage Charger



OUTDOOR POWER EQUIPMENT

M18 = = = L

DRIVEN TO OUTPERFORM.



MORE POWER

FULL THROTTLE UNDER 1 SECOND

NO GAS HEADACHES





NO ENGINE MAINTENANCE









ALL M18" TOOLS FIT M₁₈ BATTERIES

1 SYSTEM



200+ TOOLS

Nothing but **HEAVY DUTY.**®

M18 FUEL

16" Chainsaw Kit

2727-21HD (2727-20 Tool-Only) Specifications:





LITHIUM

Includes: (1) M18[™] REDLITHIUM[™] HIGH OUTPUT[™] HD12.0 Battery Pack, 16" Oregon® Bar and Chain, Scrench, Scabbard, Rapid Charger

M18 FUEL 14" Chainsaw

2727-20C Tool-Only

Specifications:

Cutting Swath

Length / Weight

Line Diameter

RPM

Trigger Feed System

Specifications:

Bar Length	14"
Chain Gauge	.043"
Chain Pitch	3/8" Low Profile
RPM	6,600
Length / Weight	31.0" / 10.4 lbs

Battery and Charger Sold Separately

2825-21ST (2825-20ST Tool-Only)

14" - 16"

.080" / .095"

Bump Feed

HIGH OUTPUT™ XC8.0 Battery Pack, Rapid Charger

Variable Speed

73.6" / 12.3 lbs

Includes: 14" Oregon® Bar and Chain, Scrench, Scabbard

String Trimmer Kit w/ QUIK-LOK™

0 - 4.900 / 0 - 6.200

Includes: M18 FUEL™ Power Head w/ QUIK-LOK™, M18 FUEL™ QUIK-LOK™ String Trimmer Attachment, (1) M18™ REDLITHIUM™



M18 FUEL

Pole Saw Kit w/ QUIK-LOK™

2825-21PS (2825-20PS Tool-Only)

Specifications:

RPM 0 - 4,600	
Bar Length 10"	
Chain Gauge .043"	
Chain Pitch 3/8" Low Profile	
Length / Weight 84.0" / 12.7 lbs	

Includes: M18 FUEL™ Power Head w/ QUIK-LOK™, M18 FUEL™ QUIK-LOK™ 10" Pole Saw Attachment, QUIK-LOK™ 3' Attachment Extension. (1) M18™ REDLITHIUM™ HIGH OUTPUT™ XC8.0 Battery Pack. Oregon® Bar and Chain, Scrench, Rapid Charger

M18 FUEL

QUIK-LOK™ Attachments

Compatible with M18 FUEL™ Power Head w/ QUIK-LOK™ (2825-20)

49-16-2717 M18 FUEL[™] String Trimmer Attachment

49-16-2718 M18 FUEL™ Edger Attachment

49-16-2719 M18 FUEL™ Articulating Hedge Trimmer Attachment **49-16-2720** M18 FUEL™ 10" Pole Saw Attachment

49-16-2721 M18 FUEL™ 3' Attachment Extension

49-16-2717 49-16-2718 49-16-2719 49-16-2720 49-16-2721

M18™ Brushless **String Trimmer Kit**

2828-21 (2828-20 Tool-Only)

Specifications:

-	
Cutting Swath	14" - 16"
Line Diameter	.080" / .095"
RPM	0 - 4,600 / 0 - 6,200
Trigger	Variable Speed
Feed System	Bump Feed
Length / Weight	73.6" / 11.5 lbs

Includes: (1) M18™ REDLITHIUM™ HIGH OUTPUT™ XC6.0 Battery Pack, Multi-Voltage Charger



M18 FLEL

24" Hedge Trimmer Kit

2726-21HD (2726-20 Tool-Only)

Specifications:

Blade Length	24"
Cut Capacity	3/4"
SPM	3,400
Gear Case	All Metal
Length / Weight	45.5" / 11.1 lbs

Includes: (1) M18™ REDLITHIUM™ HIGH OUTPUT™ XC8.0 Battery Pack, Scabbard, Rapid Charger

M18 FLEL 18" Hedge Trimmer

3001-20 Tool-Only

Specifications:

-	
Blade Length	18"
Cut Capacity	3/4"
SPM	3,400
Gear Case	All Metal
Length / Weight	36.5" / 8.4 lbs

Battery and Charger Sold Separately

Includes: Scabbard



M18 FUEL **Blower Kit**

2724-21HD (2724-20 Tool-Only)

Specifications:

Max Air Volume	450 CFM
Max Air Speed	120 MPH
Noise Rating (db)	62 (ANSI B175)
Lock On Button	Yes
Length / Weight	36.9" / 7.3 lbs

Includes: (1) M18™ REDLITHIUM™ HIGH OUTPUT™ XC8.0 Battery Pack, Rapid Charger

M18™ SWITCH TANK™ 4-Gallon **Backpack Sprayer Kit**

2820-21PS (2820-20PS Tool-Only)

Specifications:

Tank Capacity	4 Gallon
Pump Type	Dual Diaphragm Pump
PSI Range	20 - 120 PSI (5 Modes)
Spray Distance	Up to 25'
Flow Rate Range	0.10 - 0.51 Gal/Min
Dry Weight	18.3 lbs

Includes: M18™ SWITCH TANK™ Powered Base, SWITCH TANK™ 4 Gallon Sprayer Tank Assembly, (1) M18™ REDLITHIUM™ XC3.0 Battery Pack, Adjustable Nozzle, Fan Nozzle, Multi-Voltage Charger

Related Accessories:

49-16-28WS SWITCH TANK[™] 4 Gallon Water Supply Tank Assembly **49-16-28CS** SWITCH TANK™ 4 Gallon Concrete Sprayer Tank Assembly





M18™ ROCKET™ Dual Pack **Tower Light w/ ONE-KEY™ Kit**

2120-22HD (2120-20 Tool-Only)

Specifications:

Lumens	5,400 / 3,100 / 1,600 (Customizable)
Modes	High, Medium, Low
Water & Dust Rating	IP67
Height	22" Collapsed, 5'5" Fully Extended
Weight	8.2 lbs

Includes: (2) M18™ REDLITHIUM™ HIGH OUTPUT™ XC8.0 Battery Packs, Shoulder Strap, Rapid Charger





Specifications:

Lumens	9,000 / 4,800 / 2,500 (Customizable)
Modes	High, Medium, Low
Water & Dust Rating	IP54
Height / Weight	29.5" / 27.1 lbs

Battery and Charger Sold Separately







M18™ RADIUS™ Site Light

2151-20 Tool-Only

2146-20 Tool-Only

Specifications:

Specifications:

Lumens	9,000 / 4,800 / 2,500
Modes	High, Medium, Low
Height / Weight	29.5" / 23.2 lbs

Battery and Charger Sold Separately









Lumens	4,400 / 2,100 / 1,000 (Customizable)
Modes	High, Medium, Low
Water & Dust Rating	IP54
Hands-Free	Self-Centering Metal Hook
Daisy Chain Compatible	Yes
Weight	10.6 lbs
Battery and Charger Sold S	Separately

Includes: Security Cable; 2147-20 Equipped with NEMA L5-20 Twistlock Outlets Also Available



M18™ RADIUS™ **Compact Site Light**

2145-20 Tool-Only

Specifications:

Lumens	4,400 / 2,100 / 1,000
Modes	High, Medium, Low
Water & Dust Rating	IP54
Hands-Free	Self-Centering Metal Hook
Daisy Chain Compatible	Yes
Weight	10.6 lbs

Battery and Charger Sold Separately Includes: Security Cable







1,500 / 650 / 300 Lumens Modes High, Medium, Low IP54 Water & Dust Rating Rotating Head Horizontal and Vertical Hands-Free Integrated Magnet, Spring Loaded Clamp Length / Weight 6.3" / 3.2 lbs

2144-20 Tool-Only

Lumens (Area)

Lumens (Flood)

Height / Weight

Battery and Charger Sold Separately

M18™ PACKOUT™

Battery and Charger Sold Separately

Mounting Flood Light

Light/Charger

2357-20 Tool-Only

Battery Charger

Device Storage

M18™ ROVER™

Specifications:

M18™ ROVER™

2366-20 Tool-Only

Modes

Hands-Free

Length / Weight

Battery and Charger Sold Separately

Specifications:

2365-20 Tool-Only

USB Charger

Lumens

Modes

Specifications:

Modes Hands-Free

Specifications:

Battery and Charger Sold Separately

Dual Power Flood Light

4,000 / 2,000 / 1,200

Keyholes for Hanging

High, Medium, Low

9.7" / 5.8 lbs



POWERED BY

M18™ Trouble Light w/ USB Charging

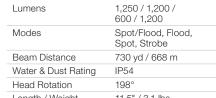
2363-20 Tool-Only

Specifications:

Lumens	700 / 350 / 70 / 700
Modes	High, Medium, Low, Strobe
Run-Time	Up to 100 Hours
Beam Pattern	Adjustable Task - Area
Water & Dust Rating	IPX4
Hands-Free	2 Stainless Steel Hooks
USB Charger	2.1A USB Charging Port for External Devices
Length / Weight	11.5" / 1.2 lbs

Battery and Charger Sold Separately





Includes: (1) M18™ REDLITHIUM™ XC5.0 Battery Pack,



2,200 / 1,100 / 550

High, Medium, Low

3,000 / 1,500 / 1,000

High, Medium, Low

Weather Sealed

Charges all M18™ Batteries

2.1A USB Charging Port for External Devices

CHARGES

UŠB

Self-Centering Metal Hook

1,000 / 500 / 250

10.4" / 4.4 lbs

M18™ ROVER™ Flood Light 2361-20 Tool-Only

Lumens	1,500 / 780
Modes	High, Low
Water & Dust Rating	IP54
Hands-Free	(1) EMT Hanger
Length / Weight	8.8" / 3.1 lbs

Battery and Charger Sold Separately

Specifications:





M18™ Stick Light 2352-20 Tool-Only

Specifications:

Lumens	300 / 150
Modes	High, Low
Water & Dust Rating	IP54
Pivoting Head	45°
Hands-Free	2 Stainless Steel Hooks
Length / Weight	11.6" / 1.1 lbs

Battery and Charger Sold Separately













	Lumens	1,250 / 1,200 / 600 / 1,200
	Modes	Spot/Flood, Flood, Spot, Strobe
	Beam Distance	730 yd / 668 m
	Water & Dust Rating	IP54
	Head Rotation	198°
	Length / Weight	11 5" / 3.1 lbs





M18™ ROCKET™ Tower Light/Charger Kit

2136-21 (2136-20 Tool-Only) **Specifications:**

6,000 / 3,200 / 1,700 Lumens High, Medium, Low Modes Battery Charger Charges M18™ Batteries and USB Devices Height 40" Collapsed, 7' Fully Extended Weight 21 lbs

Includes: (1) M18™ REDLITHIUM™ HIGH OUTPUT™ XC8.0 Battery Pack, M18™ ROCKET™ Tower Light Carry Bag



M18™ ROCKET™ Dual Power



















Tower Light 2131-20 Tool-Only Specifications: 2,500 / 1,100 / 700 Modes High, Medium, Low

40" Collapsed, 7' Fully Extended

Battery and Charger Sold Separately

Height

Weight

















M18™ Utility Bucket Light Kit

2122-22HD, 2122-21HD (2122-20 Tool-Only)

Specifications:

Lumens	2,500 / 2,200 / 800
Modes	Flood, Spot/Flood, Spot
Hands-Free	Patented Spring-Loaded Bucket Clamp
Water & Dust Rating	IP56
Length / Weight	13.8" / 8.3 lbs

Includes: 2122-22HD (2) M18[™] REDLITHIUM[™] HIGH OUTPUT™ XC8.0 Packs; 2122-21HD (1) M18™ REDLITHIUM™

HIGH OUTPUT™ XC8.0 Pack:

All Kits Include: Rapid Charger, Storage Bag



M18™ Utility Remote Control **Search Light**

2123-21HD (2123-20 Tool-Only)

Specifications:

Lumens	4,250 / 3,500 / 1,250 / 1,500
Modes	Flood, Spot/Flood Low
Water & Dust Rating	IP56 Built For Outdoor Use
Mounting	Portable Magnetic Base or 12V DC Permanent Base

Includes: 2123-21HD (1) M18™ REDLITHIUM™ HIGH OUTPUT™ HD12.0 Battery Pack, Rapid Charger, 12V DC Permanent Base, M18™ Portable Base, Remote Control, Dash Mount, Carry Bag 2123-20 12V DC Permanent Base, M18™ Portable Base, Remote Control,

Dash Mount, Lanyard, Carry Bag

Related Accessory:

49-16-2123B M18™ Utility Remote Control Search Light Magnetic Base w/ Carry Bag

M18™ Work Light

2735-20 Tool-Only

Specifications:

Lumens	100
Hands-Free	Integrated Hook
Head Rotation	90°

Battery and Charger Sold Separately

M18™ Compact Blower

0884-20 Tool-Only

Specifications:

Max Air Volume	100 CFM
Max Air Speed	160 MPH
Switch	3-Speed Electronic
Length / Weight	20.5" / 2.6 lbs

Battery and Charger Sold Separately

Includes: Flexible Nozzle, 9" Extension, Universal Inflator/Deflator

M18[™] Jobsite Fan

0886-20 Tool-Only

Specifications:

•	
Max Air Flow	284 CFMs (18 MPH)
Max Air Speed	15 MPH
Max Air Volume	600 CFM
Speed Settings	3
RPM (3 Settings)	1,370 / 1,900 / 2,350
Head Rotation	120°
Length / Weight	10.3" / 5.2 lbs
Additional Features	Key Holes, Pass-Through Holes

Battery and Charger Sold Separately

Includes: AC Adapter





M18 FUEL 3-in-1 Backpack Vacuum Kit

0885-21HD (0885-20 Tool-Only)

Specifications:

Air Volume	55 CFM
Sealed Suction	75" H ₂ O
Run-Time (w/ M18™ HIGH OUTPUT™ XC8.0 Battery)	20 min
Capacity	1 Gallon
Inlet Diameter	1-7/8"
Weight	15.6 lbs

Includes: (1) M18™ REDLITHIUM™ HIGH OUTPUT™ XC8.0 Battery Pack, Telescoping Extension Wand, Flexible Hose, HEPA Filter, Crevice Tool, Dust Extraction Adapter and Floor Tool, Rapid Charger

Related Accessories: 49-90-1963 HEPA Filter 49-90-1964 9' Hose Accessory





M18 FUEL **Compact Vacuum**

0940-20 Tool-Only

Specifications:

Air Volume	32 CFM
Sealed Suction	80" H ₂ O
Run-Time (w/ M18™ XC5.0 Battery)	Up to 28 Min
Capacity	.25 Gallon
Inlet Diameter	1-1/4"
Weight	4.4 lbs

Battery and Charger Sold Separately

Includes: Powered Floor Tool, Floor Tool, HEPA Filter, Foam Pre-Filter, Extension Wand, 6' Flexible Hose, Accessory Holder, Brush Tool, Utility Tool, Crevice Tool

Related Accessory: 49-90-1951 HEPA Dry Filter Kit (2 pk)

49-90-2012 HEPA Filter

49-90-2017 1-1/4" Round Brush Tool 49-90-2018 Vacuum Power Tool Adapter



PACKOUT™ 2.5 Gallon **Wet/Dry Vacuum**

0970-20 Tool-Only

Specifications:

Air Volume	50 CFM
Sealed Suction	47" H ₂ O
Run-Time (w/ M18™ HIGH OUTPUT™ XC8.0 Battery)	Up to 50 Min
Capacity	2.5 Gallons
Inlet Diameter	1-1/4"
Weight	11.3 lbs

Battery and Charger Sold Separately

Includes: HEPA Filter, 6' Flexible Hose, Utility Nozzle, Crevice Tool, Vacuum Power Tool Adapter

Accessories:
HEPA Filter
Foam Wet Filter
3 pk Fleece Dust Bags
1-1/4" Round Brush Tool
Vacuum Power Tool Adap

M18[™] 2 Gallon **Wet/Dry Vacuum**

0880-20 Tool-Only

Specifications:

Air Volume	45 CFM
Sealed Suction	32" H ₂ O
Run-Time (w/ M18™ HD9.0 Battery)	30 min
Capacity	2 Gallons
Inlet Diameter	1-1/4"
Weight	11.3 lbs

Battery and Charger Sold Separately

Includes: HEPA Filter, 6' Flexible Hose, Crevice Tool, Utility Nozzle Related Accessories:

49-90-1900 HEPA Filter 49-90-2015 Foam Wet Filter **49-90-2017** 1-1/4" Round Brush Tool 49-90-2018 Vacuum Power Tool Adapter

M18™ Compact Vacuum

40 CFM

38" H₂O

25 min

36 oz

1-1/4"

4.3 lbs

Includes: 4' Flexible Hose, (2) Extension Tools, Crevice Tool,

0882-20 Tool-Only

Air Volume

Run-Time

(w/ M18™

Capacity

Weight

Sealed Suction

XC5.0 Battery)

Inlet Diameter

Battery and Charger Sold Separately

Floor Tool, Removable HEPA Filter

Related Accessories:

49-90-2017 1-1/4" Round Brush Tool

49-90-2018 Vacuum Power Tool Adapter

49-90-1951 HEPA Filter (2 pk)

Specifications:



HEPA

HEPA

M18™ PACKOUT™ Radio + Charger

2950-20 Tool-Only

Specifications:

Modes	Bluetooth® 4.2, AM/FM, AUX
Battery Charger	Charges all M18 [™] Batteries
Bluetooth® Range	100 ft
USB Charging Port	2.1A USB Charging Port for External Devices
Device Storage	Weather Sealed

Battery Sold Separately

Includes: 3.2 mm Auxiliary Input Cord, (2) AAA Batteries (For Memory Backup)













M18™ Jobsite Radio/Charger 2792-20 Tool-Only

Specifications:

-	
Modes	AM, FM, AUX, Bluetooth®
Battery Charger	Charges all M18 [™] Batteries
Bluetooth® Range	100 ft
USB Charging Port	2.1A USB Charging Port for External Devices
Device Storage	Weather Sealed Auxiliary Compartment

Battery Sold Separately

Includes: 3.2 mm Auxiliary Input Cord, (2) AAA Batteries (For Memory Backup)





POWERED BY

M18™ Jobsite Radio

2890-20 Tool-Only

Specifications:

Modes	AM, FM, AUX
USB Charging Port	2.1A USB Charging Port for External Devices
Device Storage	Weather Sealed Auxiliary Compartment

Battery and Charger Sold Separately

Includes: 3.2 mm Auxiliary Input Cord, CHARGES (2) AAA Batteries (For Memory Backup)

M18™ / M12™ Wireless

Jobsite Speaker





POWERED BY



Specifications: Modes Bluetooth® AUX

2891-20 Tool-Only

(Cable Not Included) Bluetooth® Range 100 ft USB Charging Port 2.1A USB Charging Port for

External Devices

Battery and Charger Sold Separately

Includes: AC Adapter















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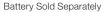
HEPA

M18™ Power Source

49-24-2371

Specifications:

USB Charging Port	2.1A USB Charging Port for External Devices
Run-Time	Up to 18 Hours
Powered By	All M18™ Batteries



Powers all MILWAUKEE® M12™ Heated Gear







M18™ TOP-OFF **175W Power Supply**

2846-20 Tool Only

Specifications:

Continuous Watts	175W
Power Source	Any M18™ Battery
DC Output	(1) USB-A Port, (1) USB-C PD Port
AC Output	(1) AC Outlet

Battery Sold Separately

M18™ REDLITHIUM™ **HIGH OUTPUT™ HD12.0 System Starter Kit**

48-59-1200

48-59-1880

Includes: (1) M18™ REDLITHIUM™ HIGH OUTPUT™ HD12.0 Battery Pack, Rapid Charger



Includes: (1) M18™ REDLITHIUM™ HIGH OUTPUT™ XC8.0 Battery Pack,

Rapid Charger

M18™ REDLITHIUM™ XC5.0 System Starter Kit

48-59-1850

Includes: (1) M18™ REDLITHIUM™ XC5.0 Battery Pack, Multi-Voltage Charger



48-59-1835

Includes: (1) M18[™] REDLITHIUM[™] HIGH OUTPUT™ CP3.0 Battery Pack, Multi-Voltage Charger





M18™ & M12™ Super Charger

48-59-1811

Specifications:	
Compatibility	All M18 [™] and M12 [™] Batteries
Charge Sequence	Sequential (First In, First Charged)
Charge Speed	Charges up to 4X Faster, Charges All HIGH OUTPUT™ Batteries in One Hour Or Less
On-Board Indicator Light	Yes
Integrated Hang-Holes	Yes
Cell Voltage Monitoring	Yes

Batteries Sold Separately

M18™ Six-Pack **Sequential Charger**

48-59-1806

Specifications:

Compatibility	All M18™ Batter	ries
Charge Sequence	Sequential (Counter-Clock	wise Rotation)
Skip Button	Manually Desig which Battery	
Integrated Hang-Holes	Yes	_
Cell Voltage Monitoring	Yes	
Pass-Through Plug	Yes	
Batteries Sold Separately		Pass-Through Pla

M18™ & M12™ Rapid Charge Station

Pass-Through Plug

Pass-Through Plug

48-59-1807

Specifications:	-
Compatibility	All M18™ and M12™ Batteries
Charge Sequence	Charges 3 Batteries Simultaneously
Charge Speed	Charges Individual Batteries up to 40% Faster
Capacity	Holds (3) M18 [™] and (3) M12 [™] Batteries
Integrated Hang-Holes	Yes
Cell Voltage Monitoring	Yes
Pass-Through Plug	Yes

Batteries Sold Separately

M18™ Dual Bay Simultaneous **Rapid Charger**

48-59-1802

Specifications:

-	
Compatibility	All M18™ Batteries
Charge Sequence	Simultaneous
Charge Speed	Charges Individual Batteries up to 40% Faster
Integrated Hang-Holes	Yes

Batteries Sold Separately

M18™ & M12™ Rapid Charger

48-59-1808

Specifications:	
Compatibility	All M18 [™] and M12 [™] Batteries
Charge Sequence	Sequential (First In, First Charged)
Charge Speed	Charges Individual Batteries up to 40% Faster
On-Board Indicator Light	Yes
Integrated Hang-Holes	Yes
Cell Voltage Monitoring	Yes



M18™ & M12™ **Multi-Voltage Charger**

48-59-1812

Specifications:

opoomoutione.	
Compatibility	All M18 [™] and M12 [™] Batteries
Charge Sequence	Sequential (First In, First Charged)
Integrated Hang-Holes	Yes
On-Board Indicator Light	Yes
Cell Voltage Monitoring	Yes
Batteries Sold Separately	

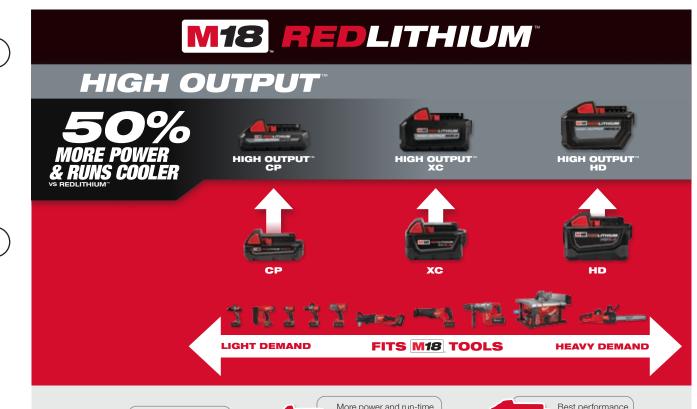
M18™ & M12™ Vehicle Charger

48-59-1810

Specifications:

Compatibility	All M18™ and M12™ Batteries
Charge Sequence	Sequential (First In, First Charged)
On-Board Indicator Light	Yes
Cell Voltage Monitoring	Yes

Batteries Sold Separately















XC



great performance for

all demands

M18[™] REDLITHIUM[™]

HIGH OUTPUT™ XC8.0



HIGH OUTPUT





48-11-1850 M18™ REDLITHIUM XC5.0 Battery Pack







48-11-1852

48-11-1851



for high demand

HIGH OUTPUT

applications

48-11-1812

M18™ REDLITHIUM

HIGH OUTPUT™ HD12.0



					2	PIEC KITS	E					3 – 4 KI	PIECE TS		LARGI KITS	E
M18™ COMBO KITS	2996-22	2997-22	2893-22CX	2893-22	2697-22CT	2892-22CT	2691-22	2694-22	2992-22	2999-22	2897-22CT	2695-24	2696-24	2998-25	2696-26	70 7000
Kit Tool Total	2	2	2	2	2	2	2	2	2	2	2	4	4	5	6	7
M18 FUEL™ 1/2" Hammer Drill/Driver w/ ONE-KEY™																
M18 FUEL™ 1/2" Hammer Drill/Driver																
M18™ 1/2" Brushless Hammer Drill/Driver																
M18™ 1/2" Compact Hammer Drill/Driver																
M18™ 1/2" Compact Brushless Drill/Driver																
M18™ 1/2" Compact Drill/Driver																
M18 FUEL [™] Drywall Screw Gun																
M18 FUEL™ 1/4" Hex Impact Driver w/ ONE-KEY™																
M18 FUEL™ SURGE™ 1/4" Hex Hydraulic Driver																
M18 FUEL™ 1/4" Hex Impact Driver																
M18 [™] 1/4" Hex Brushless Impact Driver																
M18 [™] Brushless 1/4" Hex 3-Speed Impact Driver																
M18 [™] 1/4" Hex Impact Driver*																
M18 FUEL™ 1/2" Mid-Torque Impact Wrench w/ Friction Ring																
M18 FUEL™ SAWZALL® Reciprocating Saw																
M18 [™] SAWZALL [®] Reciprocating Saw																
M18 [™] HACKZALL [®] One-Handed Reciprocating Saw																
M18 FUEL™ 6-1/2" Circular Saw																
M18 [™] 6-1/2" Circular Saw																
M18™ Brushless 7-1/4" Circular Saw																
M18 FUEL™ 4-1/2" / 5" Grinder Paddle Switch, No-Lock																
M18 [™] 4-1/2" Cut-Off / Grinder																
M18 [™] Work Light																П
Also Includes																
M18 [™] and M12 [™] Multi-Voltage Charger																ī
M18 [™] REDLITHIUM [™] CP1.5 Battery Pack					2		2									
M18 [™] REDLITHIUM [™] CP2.0 Battery Pack			1			2					2					
M18™ REDLITHIUM™ XC3.0 Battery Pack												2	2		2	
M18™ REDLITHIUM™ XC4.0 Battery Pack			1	2					2							
M18™ REDLITHIUM™ XC5.0 Battery Pack	2	2						2		2				2		E
Carrying Case																
Contractor Bag																E

*M18™ 1/4" Hex Impact Driver is the single, variable speed model















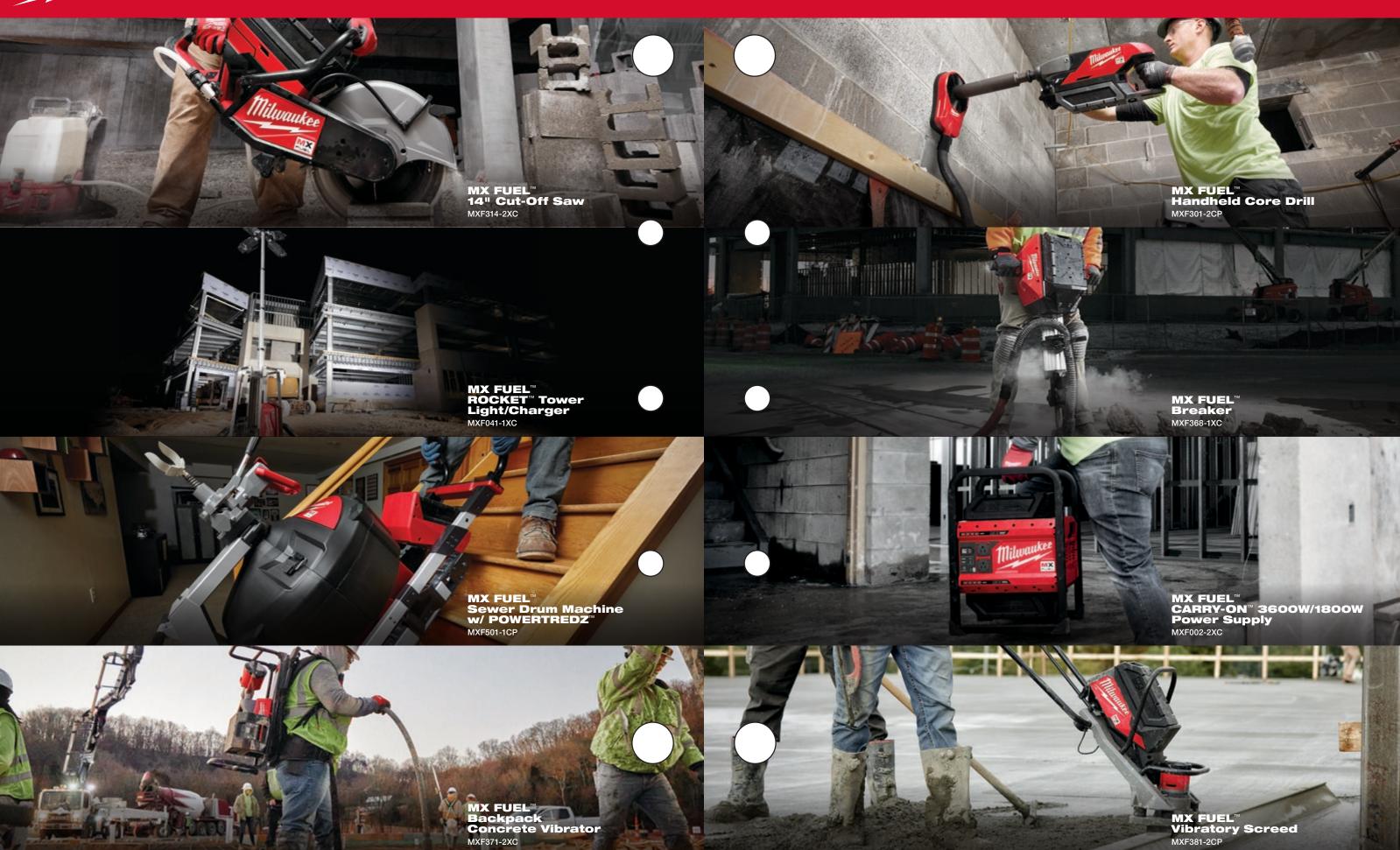
EQUIPMENT REDEFINED TRADE FOCUSED SYSTEM WIDE





ALL MX FUEL BATTERIES FIT ALL MX FUEL EQUIPMENT







EQUIPMENT REDEFINED.

The MX FUEL™ Equipment System revolutionizes the light equipment market by delivering the performance, run-time and durability demanded by the trades without the hazards associated with emissions, noise, vibration and the frustrations of gas maintenance. This completely compatible system goes beyond the limitations of gasoline and power cord units, utilizing the industry's most advanced batteries, motors and electronics to deliver a best-in-class experience for users. This is Equipment Redefined.

REDLITHIUM[™] **BATTERY PACK**

- Industry Leader in LITHIUM-ION Technology
- Patented Designs Protect Against Drops, Water and Harsh Environments
- Robust Electronics Optimize Performance for **Every Equipment and Battery Combination**



REDLINK PLUS" INTELLIGENCE

- Most Advanced System of Equipment Electronics in the Industry
- Protects Equipment with Best-In-Class Thermal and Overload Monitoring
- Delivers In-Application Communication, **Optimizing Equipment Performance**







- Optimized for the Perfect Combination of
- Performance, Portability and Productivity
- Built with Maximum Copper Content and **Top-Grade Rare Earth Magnets**







EQUIPMENT REDEFINED TRADE FOCUSED SYSTEM WIDE

MX FUEL™ 14" Cut-Off Saw Kit



MXF314-2XC

Specifications:	
Blade Diameter	14"
Cut Depth	5"
Blade Arbor	1" / 20 mm
RPM	5,350
On-Board Water Delivery	Yes
Weight w/ Battery	32.1 lbs
Push Button Start	Yes
ONE-KEY™ Compatible	Track and Manage.
Battery Compatibility	Fits All MX FUEL™ Battery Packs
Warranty	2 Year Equipment Battery & Charger

Includes: (2) MX FUEL™ REDLITHIUM™ XC406 Battery Packs, MX FUEL™ Charger, Wrench, Hex Key, Quick Connect, Contractor Bag

Available Accessories:

49-94-1475 14" x 1/8" x 1" Cutting Wheel

49-93-7540 14" Diamond Ultra Segmented Blade



Additional Equipment: (Not Included)

14" Cut-Off Saw Cart

2820-21WS M18™ SWITCH TANK™ 4-Gallon Backpack Water Supply Kit



MX FUEL™ Handheld Core Drill Kit w/ Stand



MXF301-2CXS

Specifications:

Maximum Bit Capacity	6"	A T
RPMs Low / High	790 / 1,550	
Spindle Size	1-1/4" - 7	
Wet / Dry Coring	Both	
On-Board Water Delivery	Yes	
Stand Included	Yes	
Weight: Machine w/ CP Battery	21.6 lbs	
Weight: Stand Only	29.0 lbs	
Push Button Start	Yes	
ONE-KEY™ Compatible	Track and Mana	age.
Battery Compatibility	Fits All MX FUEL	[™] Battery Packs
Warranty	2 Year Equipme	nt, Battery & Charger

Includes: (1) MX FUEL™ REDLITHIUM™ XC406 Battery Pack, (1) MX FUEL™ REDLITHIUM™ CP203 Battery Pack, MX FUEL™ Charger, Compact Core Drill Stand, Trigger Lock, 5/8" - 11 Bit Adapter, Quick Connect, Hard Case with Wheels

MX FUEL™ Breaker Kit



MXF368-1XC

Specifications:		100
Chuck Size	1-1/8" Hex	
Blows per Minute	1,300	
Impact Energy (ft/lbs)	50	<u>ক</u>
Vibration	4.9 m/s ²	10
Soft Start	Yes	42
Weight w/ Battery	63.9 lbs	
Push Button Start	Yes	
ONE-KEY™ Compatible	Track and Manage.	
Battery Compatibility	Fits All MX FUEL™ Bat	tery Packs
Warranty	2 Year Equipment, Ba	attery & Charger

Includes: (1) MX FUEL™ REDLITHIUM™ XC406 Battery Pack, MX FUEL™ Charger, Cart, (3) Chisels

Available Accessories:

8960-20 8 Gallon **Dust Extractor**

5321-DE

Attachment

Dust Extraction

48-62-4001 1-1/8" Hex 16" Moil Point

48-62-4006 Narrow Chisel



MX FUEL™ Handheld Core Drill Kit



MXF301-2CP **Specifications:**



Includes: (2) MX FUEL™ REDLITHIUM™ CP203 Battery Packs, MX FUEL™ Charger, Trigger Lock, 5/8" - 11 Bit Adapter, Quick Connect, Hard Case with Wheels

Available Accessories for MXF301-2CP & MXF301-2CXS: (Not Included)

2820-21WS

M18™ SWITCH TANK™ 4-Gallon Backpack Water Supply Kit

8960-20

Dry Coring

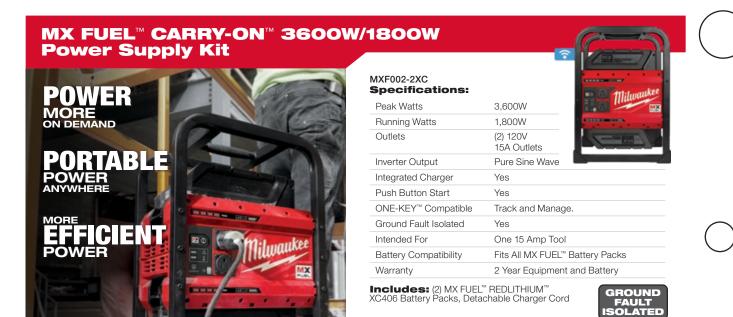
8 Gallon Dust Extractor 5319-DE

Dust Extractor Attachment

48-17-5030 3" Diamond Ultra Wet Core Bit

48-17-0130 3" Diamond Ultra Dry Core Bit

Fastest Drilling, Maximum Run-Time



MX FUEL™ Sewer Drum Machine w/ POWERTREDZ™ Kit **POWER** TO CLEAR ROOTS AT 2001 MESS CONTAINED

MXF501-1CP **Specifications:** Drain Line 3" - 8" Capacity up to 200' Drum Capacity 100' Cable Capacity 5/8" and 3/4" Powered Cable CABLE DRIVE Feed & Retract Cable Spin Speed 200 RPM Height / Length 47" / 32.5" Weight w/ Battery 125 lbs Lift Assist Yes, POWERTREDZ™ Push Button Start Yes ONE-KEY™ Compatible Track and Manage. **Battery Compatibility** Fits All MX FUEL™ Battery Packs Warranty 2 Year Equipment, Battery & Charger

Includes: (1) MX FUEL™ REDLITHIUM™ CP203 Battery Pack, MX FUEL™ Charger, 3/4" Anchor Cable

MX FUEL™ ROCKET™ Tower Light/Charger Kit



MXF041-1XC Specifications:			
Max Lumens	27,000		
Modes	High / Medium / Low		
Collapsed Height	44"		
Extended Height	10'		
Width	20.8"		(
Depth	24.8"		
Weight w/ Battery	110 lbs		
Ingress Rating	Outdoor Use		
Push Button Start	Yes	Ī	
ONE-KEY™ Compatible	Customize. Track. Manage.		
Battery Compatibility	Fits All MX FUEL™ Battery Packs	?	
Warranty	2 Year Equipment and Battery		

MX FUEL™ Sewer Drum Machine Accessories

Compatible with MXF501-1CP, MXF500-1CP

Machine Accessories 47-53-5001 6-1/2" Guide Hose 47-53-5002 Load Wheel

5/8" Inner **Core Cables 48-53-2325** - 25' 48-53-2350 - 50' 48-53-2310 - 100'

3/4" Inner **Core Cables 48-53-2425** – 25' 48-53-2450 - 50' **48-53-2410** - 100'

Leader Cables & **Anchor Cable**

48-53-2802 Leader Cable 48-53-2902 Leader Cable 48-53-2905 Anchor Cable **Cable Head Attachments**

Attachment Kit

48-53-2830 Straight Auger 48-53-2831 Funnel Auger 48-53-2835 Small Opening Tool 48-53-2836 Medium Opening Tool 48-53-2832 3" Root Cutters 48-53-2833 4" Root Cutters 48-53-2834 6" Root Cutters 48-53-2837 3" Grease Cutters 48-53-2838 4" Grease Cutters **48-53-2829** Pin Key 48-53-2839 Case **48-53-2840** 9 pc Cable Head

Also Available:

MX FUEL™ Sewer Drum Machine Kit MXF500-1CP

Specifications:

pecifications:		T
Orain Line Capacity	3" - 8" up to 200'	1
Orum Capacity	100'	100
Cable Capacity	5/8" and 3/4"	
Powered Cable Feed & Retract	Yes, CABLE DRIVE™	1
Cable Spin Speed	200 RPM	46
leight / Length	47" / 32.5"	
Veight w/ Battery	110 lbs	
ift Assist	No	
Push Button Start	Yes	
ONE-KEY™ Compatible	Track and Manag	e.
Battery Compatibility	Fits All MX FUEL™	Battery Packs
Varranty	2 Year Equipmen	t, Battery & Charger

Includes: (1) MX FUEL™ REDLITHIUM™ CP203 Battery Pack, MX FUEL™ Charger, 3/4" Anchor Cable

MX FUEL™ Backpack Concrete Vibrator Kit



MXF371-2XC

Specifications:	Blanch .
Maximum Head Size	2-1/2"
Maximum Shaft Length	21 ft
Quick Connect	Yes
Weight w/ Battery	34.5 lbs
Push Button Start	Yes
Removable Harness	Yes
ONE-KEY™ Compatible	Track and Manage.
Battery Compatibility	Fits All MX FUEL™ Batteries
Wireless Remote Included	Yes
Compatible w/ Oztec	Yes
Warranty	2 Year Equipment, Battery & Charger

Includes: (2) MX FUEL™ REDLITHIUM™ XC406 Battery Packs, MX FUEL™ Charger, MX FUEL™ Concrete Vibrator Remote

Available Accessories:

48-37-5015 1-1/2" Head

48-37-7007 7' Shaft



48-37-5020 2" Head

48-37-7014 14' Shaft

MX FUEL™ Vibratory Screed Kit



MXF381-2CP Specifications:

3	pecifications:	
\	/PM	4,000 – 9,000
Е	Bar Range	4 – 16 ft
7	Adjustable Handlebars	Yes
k	Kickstand	Yes
V	Veight w/ Battery	37 lbs
F	Push Button Start	Yes
C	ONE-KEY™ Compatible	Track and Manage.
Е	Battery Compatibility	Fits All MX FUEL™ Battery Packs
	Compatible v/ MBW Bars	Yes
V	Varranty	2 Year Equipment, Battery & Charger

Includes: (2) MX FUEL™ REDLITHIUM™ CP203 Battery Packs, MX FUEL™ Charger, (1) 9/16 Wrench

Available Accessories:

48-38-2016 16 ft Screed Bar **48-38-2014** 14 ft Screed Bar 48-38-2012 12 ft Screed Bar 48-38-2010 10 ft Screed Bar **48-38-2008** 8 ft Screed Bar 48-38-2006 6 ft Screed Bar 48-38-2004 4 ft Screed Bar



MX FUEL™ Batteries and Charger



MX FUEL™ REDLITHIUM™ **XC406 Battery**

MXFXC406

Specifications:

Compatibility	Fits All MX FUEL™ Equipment
Charge Duration	90 min
Capacity	6.0 Ah
Fuel Gauge	Yes
REDLINK™ Intelligence	Yes
ONE-KEY™ Compatible	Yes
Warranty	2 Year

MX FUEL™ REDLITHIUM™ **CP203 Battery**

Specifications:

	Compatibility	Fits All MX FUEL™ Equipment
	Charge Duration	45 min
	Capacity	3.0 Ah
	Fuel Gauge	Yes
	REDLINK™ Intelligence	Yes
	ONE-KEY™ Compatible	No
	Warranty	2 Year

MX FUEL™ REDLITHIUM™ XC406 **Battery/Charger Expansion Kit**

Includes: (2) MX FUEL™ REDLITHIUM™ XC406 Battery Packs, MX FUEL™ Charge



MX FUEL™ Charger

MXFC

Specifications:

Compatibility	Charges All MX FUEL™ Batteries
Charge Speed	Charges MX FUEL [™] CP203 Battery in 45 min
	Charges MX FUEL™ XC406 Battery in 90 min
REDLINK™ Intelligence	Yes
On-Board Fan	Yes
Cell Voltage Monitoring	Yes
On-Board Indicator Light	Yes
Warranty	2 Year

LEARN MORE



NEW **ONE-KEY** BLUETOOTH TRACKING TAG

AVAILABLE IN

2 PC 10 PC 48-21-2310

ONE KEY



DOWNLOAD THE FREE APP NOW!





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PORTABLE POWER TOOL

maintenance, or accidents.

(including cordless product – tool, battery pack(s) & battery charger and Work Lights – cordless flashlights)
LIMITED WARRANTY

Every MILWAUKEE® **power tool*** (see exceptions below) is warranted to the **original purchaser only** to be free from defects in material and workmanship. Subject to certain exceptions, MILWAUKEE will repair or replace any part on an electric power tool which, after examination, is determined by MILWAUKEE to be defective in material or workmanship for a period of **five (5) years**** after the date of purchase unless otherwise noted. Return of the power tool to a MILWAUKEE *factory* Service Center location or MILWAUKEE Authorized Service Station, freight prepaid and insured, is required. A copy of the proof of purchase

should be included with the return product. This warranty does not apply to damage that

MILWAUKEE determines to be from repairs made or attempted by anyone other than

Normal Wear: Many power tools need periodic parts replacement and service to achieve best performance. This warranty does not cover repair when normal use has exhausted the life of a part including, but not limited to, chucks, brushes, cords, saw shoes, blade clamps, o-rings, seals, bumpers, driver blades, pistons, strikers, lifters, and bumper cover washers.

MILWAUKEE authorized personnel, misuse, alterations, abuse, normal wear and tear, lack of

*This warranty does not cover Air Nailers & Staplers; Airless Paint Sprayer; Cordless Battery Packs; Gasoline Driven Portable Power Generators; Hand Tools; Hoist – Electric, Lever & Hand Chain; M12™ Heated Gear; Reconditioned Product; and Test & Measurement Products. **There are separate and distinct warranties** available for these products.

The warranty period for Job Site Radios, M12™ Power Port, M18™ Power Source, Jobsite Fan and Trade Titan™ Industrial Work Carts is one (1) year from the date of purchase. The warranty period for the M18 FUEL™ 1" D-Handle High Torque Impact Wrenches, Drain Cleaning Cables, AIRSNAKE™ Drain Cleaning Air Gun Accessories, REDLITHIUM™ USB Laser Levels. TRAPSNAKE™ 25' Auger w/ CABLE DRIVE™ and **FORCE LOGIC™ Press Tool Accessories is two (2) years from the date of purchase. The warranty period for the M18™ Compact Heat Gun, 8 Gallon Dust Extractor, M18™ Framing Nailers, M18 FUEL™ 1/2" Ext. Anvil Controlled Torque Impact Wrench w/ ONE-KEY™, M18 FUEL™ 1" High Torque Impact Wrench w/ ONE-KEY™, M18 FUEL™ 2 Gal. Compact Quiet Compressor, M12™ Laser Levels, 165' Laser Detector, M12™ 23GA Pin Nailer, M18 FUEL™ 1/4" Blind Rivet Tool w/ ONE-KEY™, M12 FUEL™ Low Speed Tire Buffer, M18 FUEL™ Random Orbital Polishers, and the M18™ Utility Fencing Stapler is three (3) years from the date of purchase. The warranty period for the LED in the LED Work Light and the LED Upgrade Bulb for the Work Light is the lifetime of the product subject to the limitations above. If during normal use the LED or LED Bulb fails, the part will be replaced free of charge.

Warranty Registration is not necessary to obtain the applicable warranty on a MILWAUKEE power tool product. The manufacturing date of the product will be used to determine the warranty period if no proof of purchase is provided at the time warranty service is requested.

ACCEPTANCE OF THE EXCLUSIVE REPAIR AND REPLACEMENT REMEDIES DESCRIBED HEREIN IS A CONDITION OF THE CONTRACT FOR THE PURCHASE OF EVERY MILWAUKEE. PRODUCT. IF YOU DO NOT AGREE TO THIS CONDITION, YOU SHOULD NOT PURCHASE THE PRODUCT. IN NO EVENT SHALL MILWAUKEE BE LIABLE FOR ANY INCIDENTAL, SPECIAL, CONSEQUENTIAL OR PUNITIVE DAMAGES, OR FOR ANY COSTS, ATTORNEY FEES, EXPENSES, LOSSES OR DELAYS ALLEGED TO BE AS A CONSEQUENCE OF ANY DAMAGE TO, FAILURE OF, OR DEFECT IN ANY PRODUCT INCLUDING, BUT NOT LIMITED TO, ANY CLAIMS FOR LOSS OF PROFITS. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU. THIS WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER EXPRESS WARRANTIES, WRITTEN OR ORAL. TO THE EXTENT PERMITTED BY LAW. MILWAUKEE DISCLAIMS ANY IMPLIED WARRANTIES. INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE: TO THE EXTENT SUCH DISCLAIMER IS NOT PERMITTED BY LAW, SUCH IMPLIED WARRANTIES ARE LIMITED TO THE DURATION OF THE APPLICABLE EXPRESS WARRANTY AS DESCRIBED ABOVE. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU, THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE.

This warranty applies to product sold in the U.S.A. and Canada only.

Please consult the 'Service Center Search' in the Parts & Service section of MILWAUKEE's website www.milwaukeetool.com or call 1.800.SAWDUST (1.800.729.3878) to locate your nearest service facility for warranty and non-warranty service on a MILWAUKEE electric power tool.

CORDLESS BATTERY PACK

LIMITED WARRANTY

Every MILWAUKEE® battery pack (sold with cordless product and/or as a replacement battery pack) is warranted to the **original purchaser only** to be free from defects in material and workmanship. Subject to certain exceptions, MILWAUKEE will repair or replace a battery pack which, after examination, is determined by MILWAUKEE to be defective in material or workmanship for the **stated** warranty period from date of purchase. Return of the battery pack to a MILWAUKEE factory Service Center location or MILWAUKEE Authorized Service Station, freight prepaid and insured, is required. For the proper shipping procedure of battery packs, contact 1.800.SAWDUST (1.800.729.3878), or go to www.milwaukeetool.com. A copy of the proof of purchase should be included with the return product. This warranty does not apply to damage that MILWAUKEE determines to be from repairs made or attempted by anyone other than MILWAUKEE authorized personnel, misuse, alterations, abuse, normal wear and tear,

lack of maintenanc	e, or accidents.		
Battery Pack Cat. No.	Chemistry	Warranty Period (from date of purchase)	
48-11-1812 48-11-1828 (Serial number prefix "B41E" and later) 48-11-1850 48-11-1850R 48-11-1860 48-11-1865 48-11-1880 48-11-1890 48-11-2402 48-11-2400 48-11-2460 48-11-2830 (Serial number prefix "C71")	LITHIUM-ION	Three (3) Years	
48-11-0490 48-11-1815 48-11-1820 48-11-1835 48-11-2001 48-11-2401 48-11-2420 48-11-2430	LITHIUM-ION	Two (2) Years	
48-11-1828 (Serial number prefix "B41D" and earlier) 48-11-1830 (Serial number prefix "A95") 48-11-2830 (Serial number prefix "A71")	LITHIUM-ION	Two (2) Years – plus, Three (3) Years Pro-Rata (prorated)*	
48-11-0100 48-11-1024 48-11-1830 (Serial number prefix "E95") 48-11-1970	Nickel-Cadmium (Ni-Cd), Nickel-Metal- Hydride (Ni-MH), LITHIUM-ION	One (1) Year	

48-11-2230

*The warranty period for MILWAUKEE M18™ 48-11-1828 (with the serial number prefix "B41D" and earlier), V18™ 48-11-1830 (with the serial number prefix "A95"), and V28™ 48-11-2830 (with the serial number prefix "A71") is five (5) years / 2000 charges from the date of purchase, whichever first occurs. The first 1000 charges or 2 years of the warranty, whichever first occurs, are covered through free replacement of the defective battery. This means that for the earlier of the first 1000 charges or two (2) years from the date of purchase/first charge, a replacement battery will be provided to the customer for any defective battery free of charge. Thereafter, the remaining charges up to a total of 2000 or the remainder of the five (5) year period from the date of purchase, whichever first occurs, will be covered on a pro rata basis. This means that every customer gets an additional 1000 charges or three (3) years of pro rata warranty on the these battery packs, depending upon the amount of use. MILWAUKEE M18™ 48-11-1828 (with the serial number prefix "B41E" and later), V18™ 48-11-1830 (with the serial number prefix "E95"), and M28[™] 48-11-2830 (with the serial number prefix "C71") have different warranty periods, as listed.

Warranty Registration is not necessary to obtain the applicable warranty on a MILWAUKEE battery pack. The manufacturing date of the product will be used to determine the warranty period if no proof of purchase is provided at the time warranty service is requested.

ACCEPTANCE OF THE EXCLUSIVE REPAIR AND REPLACEMENT REMEDIES DESCRIBED HEREIN IS A CONDITION OF THE CONTRACT FOR THE PURCHASE OF EVERY MILWAUKEE PRODUCT. IF YOU DO NOT AGREE TO THIS CONDITION, YOU SHOULD NOT PURCHASE THE PRODUCT. IN NO EVENT SHALL MILWAUKEE BE LIABLE FOR ANY INCIDENTAL, SPECIAL, CONSEQUENTIAL OR PUNITIVE DAMAGES, OR FOR ANY COSTS, ATTORNEY FEES, EXPENSES, LOSSES OR DELAYS ALLEGED TO BE AS A CONSEQUENCE OF ANY DAMAGE TO FAILURE OF, OR DEFECT IN ANY PRODUCT INCLUDING, BUT NOT LIMITED TO, ANY CLAIMS FOR LOSS OF PROFITS. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU. THIS WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER EXPRESS WARRANTIES, WRITTEN OR ORAL. TO THE EXTENT PERMITTED BY LAW, MILWAUKEE DISCLAIMS ANY IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE; TO THE EXTENT SUCH DISCLAIMER IS NOT PERMITTED BY LAW, SUCH IMPLIED WARRANTIES ARE LIMITED TO THE DURATION OF THE APPLICABLE EXPRESS WARRANTY AS DESCRIBED ABOVE. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE.

This warranty applies to product sold in the U.S.A. and Canada only.

Please consult the 'Service Center Search' in the Parts & Service section of MILWAUKEE's website www.milwaukeetool.com or call 1.800.SAWDUST (1.800.729.3878) to locate your nearest service facility for warranty and nonwarranty service on a MILWAUKEE battery pack.

HEATED GEAR

LIMITED WARRANTY

Every MILWAUKEE® **Heated Gear product** (including its battery holder/controller) is warranted to the **original purchaser only** to be free from defects in material and workmanship. Subject to certain exceptions, MILWAUKEE will repair or replace any part on a Heated Gear product which, after examination, is determined by MILWAUKEE to be defective in material or workmanship for a period of **one** (1) **year*** after the date of purchase. Return of a Heated Gear product to a MILWAUKEE *factory* Service Center location, freight prepaid and insured, is required. A copy of the proof of purchase should be included with the return product. This warranty does not apply to damage that MILWAUKEE determines to be from repairs made or attempted by anyone other than MILWAUKEE personnel, misuse, alterations, abuse, normal wear and tear, or accidents.

*This warranty does not cover a M12™ LITHIUM-ION Battery Pack, a M12™ Charger, or a REDLITHIUM™ USB battery; **there are separate and distinct warranties** available for these products.

Warranty Registration is not necessary to obtain the applicable warranty on MILWAUKEE Heated Gear products. The manufacturing date of the product will be used to determine the warranty period if no proof of purchase is provided at the time warranty service is requested

ACCEPTANCE OF THE EXCLUSIVE REPAIR AND REPLACEMENT REMEDIES DESCRIBED HEREIN IS A CONDITION OF THE CONTRACT FOR THE PURCHASE OF EVERY MILWAUKEE PRODUCT. IF YOU DO NOT AGREE TO THIS CONDITION, YOU SHOULD NOT PURCHASE THE PRODUCT. IN NO EVENT SHALL MILWAUKEE BE LIABLE FOR ANY INCIDENTAL, SPECIAL, CONSEQUENTIAL OR PUNITIVE DAMAGES, OR FOR ANY COSTS, ATTORNEY FEES, EXPENSES, LOSSES OR DELAYS ALLEGED TO BE AS A CONSEQUENCE OF ANY DAMAGE TO. FAILURE OF, OR DEFECT IN ANY PRODUCT INCLUDING, BUT NOT LIMITED TO, ANY CLAIMS FOR LOSS OF PROFITS. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU. THIS WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER EXPRESS WARRANTIES, WRITTEN OR ORAL. TO THE EXTENT PERMITTED BY LAW, MILWAUKEE DISCLAIMS ANY IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE: TO THE EXTENT SUCH DISCLAIMER IS NOT PERMITTED. BY LAW, SUCH IMPLIED WARRANTIES ARE LIMITED TO THE DURATION OF THE APPLICABLE EXPRESS WARRANTY AS DESCRIBED ABOVE. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU, THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE...

This warranty applies to product sold in the U.S.A. and Canada only.

Please consult the **'Service Center Search'** in the **Parts & Service** section of MILWAUKEE's website www.milwaukeetool.com or call 1.800. SAWDUST (1.800.729.3878) to locate your nearest MILWAUKEE *factory* Service Center location.

OUTDOOR POWER EQUIPMENT

LIMITED WARRANTY

Every MILWAUKEE® outdoor power equipment product* (see exceptions below) is warranted to the original purchaser only to be free from defects in material and workmanship. Subject to certain exceptions, MILWAUKEE will repair or replace any part on an outdoor power equipment product which, after examination, is determined by MILWAUKEE to be defective in material or workmanship for a period of three (3) years** after the date of purchase unless otherwise noted. Return of the outdoor power equipment to a MILWAUKEE factory Service Center location or participating MILWAUKEE Authorized Service Station, freight prepaid and insured, is required. A copy of the proof of purchase should be included with the return product. This warranty does not apply to damage that MILWAUKEE determines to be from repairs made or attempted by anyone other than MILWAUKEE authorized personnel, misuse, alterations, abuse, normal wear and tear, lack of maintenance, or accidents.

Normal Wear: Many outdoor power equipment products need periodic parts replacement and service to achieve best performance. This warranty does not cover repair when normal use has exhausted the life of a part including, but not limited to mower blades, trimmer head, trimmer head spool, cutting lines, blades, chains, blower tubes, brushes, o-rings, and seals

*This warranty does not cover Cordless Battery Packs or Reconditioned Product. There are separate and distinct warranties available for these products

The warranty period for SWITCH TANK™ tank assemblies, hoses, handles, and wands are **one (1) year from the date of purchase.

MILWAUKEE does **not** cover freight or labor charges associated with the inspection and testing of **outdoor power equipment products** which are found by MILWAUKEE **not** to be a valid warranty claim. A valid warranty claim **must be substantiated** by the discovery of defective material or workmanship by MILWAUKEE.

ACCEPTANCE OF THE EXCLUSIVE REPAIR AND REPLACEMENT REMEDIES DESCRIBED HEREIN IS A CONDITION OF THE CONTRACT FOR THE PURCHASE OF EVERY MILWAUKEE PRODUCT. IF YOU DO NOT AGREE TO THIS CONDITION, YOU SHOULD NOT PURCHASE THE PRODUCT IN NO EVENT SHALL MILWAUKEE BE LIABLE FOR ANY INCIDENTAL, SPECIAL, CONSEQUENTIAL OR PUNITIVE DAMAGES, OR FOR ANY COSTS, ATTORNEY FEES, EXPENSES, LOSSES OR DELAYS ALLEGED TO BE AS A CONSEQUENCE OF ANY DAMAGE TO, FAILURE OF, OR DEFECT IN ANY PRODUCT INCLUDING, BUT NOT LIMITED TO, ANY CLAIMS FOR LOSS OF PROFITS. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU. THIS WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER EXPRESS WARRANTIES, WRITTEN OR ORAL. TO THE EXTENT PERMITTED BY LAW, MILWAUKEE DISCLAIMS ANY IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE; TO THE EXTENT SUCH DISCLAIMER IS NOT PERMITTED BY LAW, SUCH IMPLIED WARRANTIES ARE LIMITED TO THE DURATION OF THE APPLICABLE EXPRESS WARRANTY AS DESCRIBED ABOVE. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU, THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE.

This warranty applies to *product* sold in the U.S.A. and Canada only.

Please consult the 'Service Center Search' in the Parts & Service section of MILWAUKEE's website www.milwaukeetool.com or call 1.800.SAWDUST (1.800.729.3878) to locate your nearest *service* facility for warranty and nonwarranty service on a MILWAUKEE electric power tool.

REDLITHIUM USB

LIMITED WARRANTY

Every MILWAUKEE® REDLITHIUM USB battery and charger* is warranted to the original purchaser only to be free from defects in material and workmanship. Subject to certain exceptions, MILWAUKEE will repair or replace repair a REDLITHIUM USB battery or charger which, after examination, is determined by MILWAUKEE to be defective in material or workmanship for a period of two (2) years after the date of purchase unless otherwise noted. Return of the REDLITHIUM USB battery or charger to a MILWAUKEE factory Service Center location or MILWAUKEE Authorized Service Station, freight prepaid and insured, is required. For the proper shipping procedure of battery packs, contact 1.800.SAWDUST (1.800.729.3878), or go to www.milwaukeetool.com. A copy of the proof of purchase should be included with the return product. This warranty does not apply to damage that MILWAUKEE determines to be from repairs made or attempted by anyone other than MILWAUKEE authorized personnel, misuse, alterations, abuse, normal wear and tear, lack of maintenance, or accidents.

Normal Wear: This warranty does not cover repair or replacement when normal use has exhausted the life of a part including, but not limited to charging cables, and wall plugs.

*This warranty does not cover any cordless product sold with the REDLITHIUM USB battery and/or charger. There are separate and distinct warranties available for these products

Warranty Registration is not necessary to obtain the applicable warranty on MILWAUKEE Heated Gear products. The manufacturing date of the product will be used to determine the warranty period if no proof of purchase is provided at the time warranty service is requested.

ACCEPTANCE OF THE EXCLUSIVE REPAIR AND REPLACEMENT REMEDIES DESCRIBED HEREIN IS A CONDITION OF THE CONTRACT FOR THE PURCHASE OF EVERY MILWAUKEE PRODUCT. IF YOU DO NOT AGREE TO THIS CONDITION, YOU SHOULD NOT PURCHASE THE PRODUCT. IN NO EVENT SHALL MILWAUKEE BE LIABLE FOR ANY INCIDENTAL, SPECIAL, CONSEQUENTIAL OR PUNITIVE DAMAGES, OR FOR ANY COSTS, ATTORNEY FEES, EXPENSES, LOSSES OR DELAYS ALLEGED TO BE AS A CONSEQUENCE OF ANY DAMAGE TO, FAILURE OF, OR DEFECT IN ANY PRODUCT INCLUDING, BUT NOT LIMITED TO, ANY CLAIMS FOR LOSS OF PROFITS. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU. THIS WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER EXPRESS WARRANTIES. WRITTEN OR ORAL. TO THE EXTENT PERMITTED BY LAW, MILWAUKEE DISCLAIMS ANY IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE; TO THE EXTENT SUCH DISCLAIMER IS NOT PERMITTED BY LAW. SUCH IMPLIED WARRANTIES ARE LIMITED TO THE DURATION OF THE APPLICABLE EXPRESS WARRANTY AS DESCRIBED ABOVE. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE.

This warranty applies to product sold in the U.S.A. and Canada only.

Please consult the 'Find a Service Center' search in the Parts & Service section of MILWAUKEE's website www.milwaukeetool.com or call 1.800. SAWDUST (1.800.729.3878) to locate your nearest MILWAUKEE factory Service Center location.

PERSONAL LIGHTING

(A) 2010R Milwaukee® Rechargeable 250L Penlight w/ Laser, 2011R Milwaukee® Rechargeable 500L Everyday Carry Flashlight w/ Magnet, and 2012R Milwaukee® Rechargeable Magnetic Headlamp and Task Light 2 YEAR LIMITED WARRANTY

The **rechargeable personal lighting products** referenced above are warranted to the **original purchaser only** to be free from defects in material and workmanship. Subject to certain exceptions, MILWAUKEE will repair or replace any part on the above Rechargeable Personal Lighting Products which, after examination, is determined by MILWAUKEE to be defective in material or workmanship for a period of **two (2) years** after the date of purchase.

(B) All other MILWAUKEE® Personal Lighting Products LIMITED LIFETIME WARRANTY

All other MILWAUKEE **personal lighting products*** (see exceptions below) are warranted to the **original purchaser only** to be free from defects in material and workmanship. Subject to certain exceptions, MILWAUKEE will repair or replace any part on a personal lighting product which, after examination, is determined by MILWAUKEE to be defective in material or workmanship for the **lifetime** of such personal lighting products.

Normal Wear: This warranty does not cover repair or replacement when normal use has exhausted the life of a part including, but not limited to clips, straps, charging cables, wall plugs, and rubber gaskets. This warranty does cover the **LED** in the personal lighting products, subject to the limitations herein

*This warranty does not cover Cordless Battery Packs or Chargers. **There are separate and distinct warranties** available for these products.

Return of all personal lighting products to a MILWAUKEE factory Service Center location or MILWAUKEE Authorized Service Station, freight prepaid and insured, is required. A copy of the proof of purchase should be included with the return product. The above warranties do not apply to damage that MILWAUKEE determines to be from repairs made or attempted by anyone other than MILWAUKEE authorized personnel, misuse, alterations, abuse, normal wear and tear, lack of maintenance, accidents, or caused by alkaline batteries.

ACCEPTANCE OF THE EXCLUSIVE REPAIR AND REPLACEMENT REMEDIES DESCRIBED HEREIN IS A CONDITION OF THE CONTRACT FOR THE PURCHASE OF EVERY MILWAUKEE PRODUCT. IF YOU DO NOT AGREE TO THIS CONDITION, YOU SHOULD NOT PURCHASE THE PRODUCT IN NO EVENT SHALL MILWAUKEE BELIABLE FOR ANY INCIDENTAL, SPECIAL, CONSEQUENTIAL OR PUNITIVE DAMAGES, OR FOR ANY COSTS, ATTORNEY FEES, EXPENSES, LOSSES OR DELAYS ALLEGED TO BE AS A CONSEQUENCE OF ANY DAMAGE TO, FAILURE OF, OR DEFECT IN ANY PRODUCT INCLUDING, BUT NOT LIMITED TO, ANY CLAIMS FOR LOSS OF PROFITS, SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU. THE ABOVE WARRANTIES ARE EXCLUSIVE AND IN LIEU OF ALL OTHER EXPRESS WARRANTIES, WRITTEN OR ORAL. TO THE EXTENT PERMITTED BY LAW, MILWAUKEE DISCLAIMS ANY IMPLIED WARRANTIES. INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE; TO THE EXTENT SUCH DISCLAIMER IS NOT PERMITTED BY LAW, SUCH IMPLIED WARRANTIES ARE LIMITED TO THE DURATION OF THE APPLICABLE EXPRESS WARRANTIES AS DESCRIBED ABOVE. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS. SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU. THESE WARRANTIES GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE.

This warranty applies to product sold in the U.S.A. and Canada only.

Please consult the 'Find a Service Center' search in the Parts & Service section of MILWAUKEE's website www.milwaukeetool.com or call 1.800. SAWDUST (1.800.729.3878) to locate your nearest MILWAUKEE factory Service Center location.

MX FUEL™ PRODUCT, BATTERY PACKS, AND CHARGERS LIMITED WARRANTY

Every MILWAUKEE® **MX FUEL™ product, battery pack, and charger** is warranted to the **original purchaser only** to be free from defects in material and workmanship. Subject to certain exceptions, MILWAUKEE will repair or replace a MX FUEL™ product, battery pack, or charger which, after examination, is determined by MILWAUKEE to be defective in material or workmanship for a period of **two (2) years** after the date of purchase. Return of the MX FUEL™ product, battery pack, or charger to a MILWAUKEE *factory* Service Center location or MILWAUKEE Authorized Service Station, freight prepaid and insured, is required. For the proper shipping procedure of battery packs, contact 1.800.SAWDUST (1.800.729.3878), or go to www. milwaukeetool.com. A copy of the proof of purchase should be included with the return product. This warranty does not apply to damage that MILWAUKEE determines to be from repairs made or attempted by anyone other than MILWAUKEE authorized personnel, misuse, alterations, abuse, normal wear and tear, lack of maintenance, or accidents.

Normal Wear: Many MX FUEL™ products need periodic parts replacement and service to achieve best performance. This warranty does not cover repair when normal use has exhausted the life of a part including, but not limited to, assist & drive belts, pulleys, blade flanges, vacuum gaskets, tool free handles, set pins, skis, drive couplers, rubber boots, auto feed, stabilize blocks, wheels, carrier wheels, cords, o-rings, seals, bumpers, driver blades, pistons, strikers, lifters, tool holder, and bumper cover washers.

Warranty Registration is not necessary to obtain the applicable warranty on a MX FUEL product, battery pack, or charger

ACCEPTANCE OF THE EXCLUSIVE REPAIR AND REPLACEMENT REMEDIES DESCRIBED HEREIN IS A CONDITION OF THE CONTRACT FOR THE PURCHASE OF EVERY MILWAUKEE PRODUCT. IF YOU DO NOT AGREE TO THIS CONDITION, YOU SHOULD NOT PURCHASE THE PRODUCT. IN NO EVENT SHALL MILWAUKEE BE LIABLE FOR ANY INCIDENTAL, SPECIAL, CONSEQUENTIAL OR PUNITIVE DAMAGES, OR FOR ANY COSTS, ATTORNEY FEES, EXPENSES, LOSSES OR DELAYS ALLEGED TO BE AS A CONSEQUENCE OF ANY DAMAGE TO, FAILURE OF, OR DEFECT IN ANY PRODUCT INCLUDING, BUT NOT LIMITED TO, ANY CLAIMS FOR LOSS OF PROFITS. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU, THIS WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER EXPRESS WARRANTIES, WRITTEN OR ORAL. TO THE EXTENT PERMITTED BY LAW. MILWAUKEE DISCLAIMS ANY IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE; TO THE EXTENT SUCH DISCLAIMER IS NOT PERMITTED BY LAW, SUCH IMPLIED WARRANTIES ARE LIMITED TO THE DURATION OF THE APPLICABLE EXPRESS WARRANTY AS DESCRIBED ABOVE. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU, THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS. AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE.

This warranty applies to *product* sold in the U.S.A. and Canada only.

Please consult the 'Service Center Search' in the Parts & Service section of MILWAUKEE's website www.milwaukeetool.com or call 1.800. SAWDUST (1.800.729.3878) to locate your nearest *service* facility for warranty and non-warranty service on a MILWAUKEE MX FUEL™ product, battery pack or charger.



LIGHTNING MAX REPAIR

MILWAUKEE® understands the unpredictability of the jobsite and the need for fast, reliable repairs and replacements. Through our Lightning Max Repair Program we are committed to providing you the best service so you can minimize downtime and get the job done.

SPEED: Repair of your tool in 7 – 10 days

PAY LESS, NOT MORE: Guaranteed to never pay more than the quoted Lightning Max Repair price

RELIABILITY: All repairs are serviced by experienced, certified factory technicians

QUALITY: Only genuine MILWAUKEE® parts used

WHERE TO GO FOR LIGHTNING MAX REPAIRS

eSERVICE

Solution for guick, convenient repairs, best for smaller tool quantities.

- FedEx shipping to MILWAUKEE® repair facility
- Your tool returned directly to you no need to pick it up
- Go to www.milwaukeetool.com/eService

FACTORY SERVICE CENTERS

Factory Service Centers also carry the widest variety of MILWAUKEE® Tools and Accessories for all your needs. **1-800-SAWDUST (1-800-729-3878)**

Anaheim

1130 N Magnolia Anaheim, CA 92801

Atlanta

6155 Jimmy Carter Blvd Suite F2 Norcross, GA 30071

Boston

375 University Avenue Westwood, MA 02090

Chicago

6310 Gross Point Road Niles, IL 60714

Cleveland

8200 Sweet Valley Drive Valley View, OH 44125

Dallas

1625 W Mockingbird Ln Unit 205 Dallas, TX 75235

Denver

2500 W 8th Avenue, Unit E Denver, CO 80204

Houston

3566 West T.C. Jester Blvd Houston, TX 77018

Las Vegas

5580 S Decatur Blvd Unit 110 Las Vegas, NV 89118

Miami

3311 NW 82nd Avenue Miami, FL 33122

Minneapolis/St. Paul

9705 Valley View Road Eden Prairie, MN 55344

Milwaukee

13145 W Lisbon Road Brookfield, WI 53005

New York City

3068 Whitestone Expressway Flushing, NY 11354

Philadelphia

711 West Chester Pike Havertown, PA 19064

San Antonio

14329 San Pedro Avenue, Suite D San Antonio, TX 78232

San Diego

7849 - 7851 Clairemont Mesa Blvd. San Diego, CA 92111

San Francisco/Oakland

2341 Lincoln Avenue Hayward, CA 94545

Seattle

5963 Corson Avenue South Suite 104 Seattle, WA 98108

Washington D.C.

11900 Baltimore Ave Suite B Beltsville, MD 20705

CANADA

1-800-268-4015

Edmonton

14506 – 115th Avenue NW Edmonton AB T5M 3B9

Halifax

Unit 102 50 Akerley Blvd Dartmouth NS B3B 1R8

Saskatoon

Unit 630 3530 Millar Ave Saskatoon SK S7P 0B3

Vancouver

9000 Bill Fox Way, Unit 103A Burnaby BC V5J 5J3

Vaughan

140 Fernstaff Court, Unit 4 Vaughan ON L4K 3L8

Winnipeg

675 Berry St, Unit H Winnipeg MB R3H 1A7





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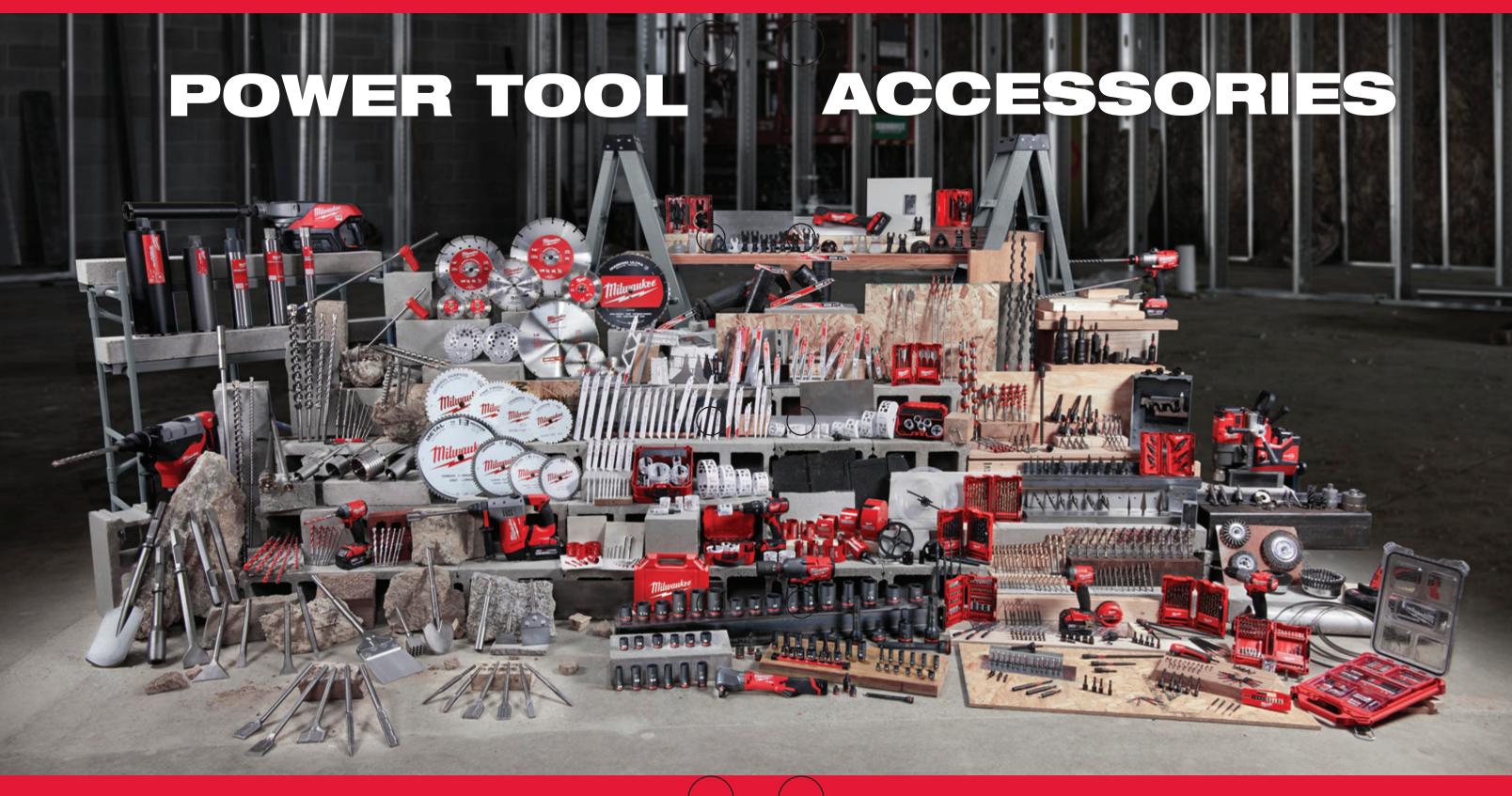






2021 ACCESSORIES CATALOG







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POWER TOOL ACCESSORIES DIGITAL CATALOG

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CARBIDE TEETH

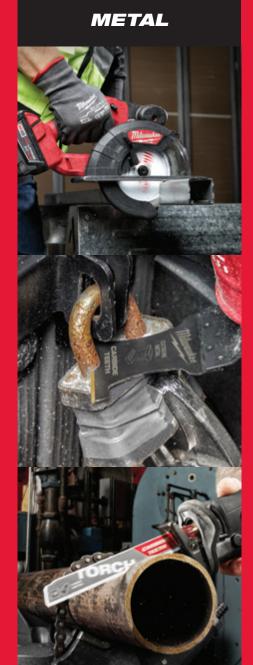


CUT CUT CUT LONGER. MORE. FASTER.

WOOD









CARBIDE TEETH FOR EVERY APPLICATION

ABRASIVES

FEATURES

- Designed for fast cutting and long life
- Type 1 Cut-Off Wheels: Designed for cutting only
- Type 27 Cut-Off Wheels: Designed for grinding, blending and other general purpose applications



CUTTING

TYPE 1 CUT-OFF WHEELS

TYPE 1 CUT-OFF WHEELS

Size	Thickness	Arbor Size	Abrasive Type	Application	Max RPM	Quantity	Part No.
1-1/2"	0.045"	7/8"	A60T	For use with Rotary Tool	40,000	5 Pack	49-94-1500
4-1/2"	0.045"	7/8"	A60T	Metal/Stainless Cutting	13,580	25 Pack	49-94-4500
5"	0.045"	7/8"	A60T	Metal/Stainless Cutting	13,580	25 Pack	49-94-5000
6"	0.045"	7/8"	A60T	Metal/Stainless Cutting	10,185	25 Pack	49-94-6300
7"	3/32"	5/8"*	A24R	General Purpose – Metal	8,730	25 Pack	49-94-7050
7"	1/8"	5/8"*	C24T	Masonry Cutting	8,730	25 Pack	49-94-7055

^{*}Includes diamond knockout

TYPE 1 CUT-OFF WHEELS FOR HANDHELD CUT-OFF TOOLS

TYPE 1 CUT-OFF WHEELS FOR HANDHELD CUT-OFF TOOLS

Size	Thickness	Arbor Size	Abrasive Type	Application	Max RPM	Quantity	Part No.
9"	3/32"	7/8"	A24R	General Purpose - Metal	6,600	25 Pack	49-94-9000
12"	1/8"	1"	A24R	General Purpose - Metal	4,365	10 Pack	49-94-1275
12"	1/8"	20 mm	A24R	General Purpose – Metal	4,365	10 Pack	49-94-1270
12"	1/8"	20 mm	C24T	Masonry	4,365	10 Pack	49-94-1280
14"	1/8"	1"	A24R	General Purpose – Metal	5,400	10 Pack	49-94-1475
14"	1/8"	1"	C24T	Masonry	5,400	10 Pack	49-94-1485
14"	1/8"	20 mm	A24R	General Purpose – Metal	5,400	10 Pack	49-94-1470
14"	1/8"	20 mm	C24T	Masonry	5,400	10 Pack	49-94-1480



TYPE 1 CUT-OFF WHEELS FOR STATIONARY CUT-OFF TOOLS

TYPE 1 CUT-OFF WHEELS FOR STATIONARY CUT-OFF TOOLS

Size	Thickness	Arbor Size	Abrasive Type	Application	Max RPM	Quantity	Part No.
12"	3/32"	1"	A36P	General Purpose – Metal	4,365	10 Pack	49-94-1220
14"	3/32"	1"	A36P	General Purpose - Metal (Double Reinforced)	4,365	5 Pack	49-94-1405
14"	3/32"	1"	A36P	Metal Stud	4,365	10 Pack	49-94-1410
14"	3/32"	1"	A36P	General Purpose – Metal (Single Reinforced)	4,365	5 Pack	49-94-1415

TYPE 27 CUT-OFF WHEELS

TYPE 27 CUT-OFF WHEELS

Size	Thickness	Arbor Size	Abrasive Type	Application	Max RPM	Quantity	Part No.
4-1/2"	0.045"	7/8"	A60T	Metal/Stainless Grinding	13,580	25 Pack	49-94-4505
5"	0.045"	7/8"	A60T	Metal/Stainless Grinding	13,580	25 Pack	49-94-5005
6"	0.045"	7/8"	A60T	Metal/Stainless Grinding	10,185	25 Pack	49-94-6305



GRINDING

TYPE 27 GRINDING WHEELS

TYPE 27 GRINDING WHEELS

TYPE 27 GRI	NDING WHEEL	S					
Size	Thickness	Arbor Size	Abrasive Type	Application	Max RPM	Quantity	Part No.
4-1/2"	1/8"	5/8"–11	A30S	Pipeline – Light Grinding/Cutting	13,580	5 Pack	49-94-4525
4-1/2"	1/8"	7/8"	A30S	Pipeline – Light Grinding/Cutting	13,580	10 Pack	49-94-4510
4-1/2"	1/4"	5/8"–11	A24R	Metal/Stainless Grinding	13,580	5 Pack	49-94-4515
4-1/2"	1/4"	5/8"–11	ZA24R	Metal Grinding	13,580	5 Pack	49-94-4585
4-1/2"	1/4"	7/8"	A24R	Metal/Stainless Grinding	13,580	10 Pack	49-94-4520
4-1/2"	1/4"	7/8"	C24T	Concrete Grinding	13,580	10 Pack	49-94-4570
4-1/2"	1/4"	7/8"	ZA24R	Metal Grinding	13,580	10 Pack	49-94-4580



TYPE 27 GRINDING WHEELS

TIPE 27 UN	INDING WHEEL						
Size	Thickness	Arbor Size	Abrasive Type	Application	Max RPM	Quantity	Part No.
5"	1/8"	7/8"	A30S	Pipeline – Light Grinding/Cutting	12,225	10 Pack	49-94-5010
5"	1/4"	7/8"	A24R	Metal/Stainless Grinding	12,225	10 Pack	49-94-5020
5"	1/4"	7/8"	ZA24R	Metal/Stainless Grinding	12,225	10 Pack	49-94-5080
5"	1/4"	7/8"	C24T	Concrete Grinding	12,225	10 Pack	49-94-5730
6"	1/8"	5/8"–11	A30S	Pipeline – Light Grinding/Cutting	10,185	5 Pack	49-94-6360
6"	1/4"	5/8"–11	A24R	Metal/Stainless Grinding	10,185	5 Pack	49-94-6330
6"	1/4"	7/8"	A24R	Metal/Stainless Grinding	10,185	10 Pack	49-94-6340
7"	1/8"	5/8"–11	A30S	Pipeline – Light Grinding/Cutting	8,600	5 Pack	49-94-7015
7"	1/8"	5/8"–11	ZA24R	Pipeline – Light Grinding/Cutting	8,600	5 Pack	49-94-7075
7"	1/4"	5/8"–11	A24R	Metal/Stainless Grinding	8,600	5 Pack	49-94-7025
7"	1/4"	5/8"–11	ZA24R	Metal Grinding	8,600	5 Pack	49-94-7085
7"	1/4"	7/8"	A24R	Metal/Stainless Grinding	8,600	10 Pack	49-94-7020
9"	1/4"	5/8"–11	A24R	Metal/Stainless Grinding	6,600	10 Pack	49-94-9025
9"	1/4"	5/8"–11	ZA24R	Metal Grinding	6,600	10 Pack	49-94-9085
9"	1/8"	5/8"–11	A30S	Metal Grinding	6,600	10 Pack	49-94-9015
9"	1/4"	5/8"–11	C24T	Concrete Grinding	6,600	10 Pack	49-94-9735

ABRASIVES ACCESSORIES

ABRASIVES ACCESSORIES

Description	Quantity	Part No.
Spanner Wrench and Lock Nut Kit	1 Pack	48-03-1050
Fixtec Tool-free 5/8"-11 Grinder Flange Nut	1 Pack	49-40-2783
7/8" Type 27 Non-Threaded Hub Adapter	1 Pack	48-03-1000
M10-1.25 to 5/8"-11 Threaded Arbor Adapter	1 Pack	48-03-1005



WIRE WHEELS & BRUSHES

FEATURES

- HYPERWIRE™ Variable Gauge Wire: Up to 50% faster material removal and up to 2X longer life
- Precision Construction: Reduces vibration
- Made in USA

CUP BRUSHES

CUP BRUSHES

Diameter	Brush Type	Max RPM	Wire Thickness	Carbon Steel Part No.	Stainless Steel Part No.
3"	Knotted	12,000	.020/.023	48-52-5040	48-52-5050
3-1/2"	Knotted	13,000	.020/.023	48-52-5067	-
4"	Knotted	7,000	.020/.023	48-52-1350	-
6"	Knotted	6,000	.020/.023	48-52-1650	-
3"	Crimped	12,000	.012/.014	48-52-5060	-
3-1/2"	Crimped	12,000	.012/.014	48-52-5065	-
4"	Crimped	7,000	.012/.014	48-52-1300	-
5"	Crimped	8,000	.012/.014	48-52-1400	-
6"	Crimped	6,000	.012/.014	48-52-1600	-

















EXTREME METAL BAND SAW BLADES

■ More Cuts. Less Blade Changes.

Fastest cutting blade in thin, hard metals

■ Aggressive Tooth Design: 2X Faster cuts in thick metals

STANDARD BAND SAW BLADES

looking for in a single blade.

BAND SAW BLADES

OVERVIEW

FEATURES

EXTREME METAL BAND SAW BLADES

	44-7/8"			35-3/8"			30-9/16"			27"
TPI	3 Pack	25 Pack	100 Pack	3 Pack	25 Pack	100 Pack	3 Pack	25 Pack	100 Pack	3 Pack
8/10	48-39-0601	48-39-0605	48-39-0603	48-39-0609	48-39-0606	48-39-0653	48-39-0630	48-39-0635	48-39-0637	-
12/14	48-39-0611	48-39-0615	48-39-0613	48-39-0619	48-39-0616	48-39-0663	48-39-0631	48-39-0636	48-39-0639	48-39-0711

Our Extreme Metal Band Saw Blades deliver exactly what you need for daily job site use - More Cuts and Less Blade Changes. An aggressive variable pitched tooth design gives you the versatility to cut more metal thickness with one band saw blade. The portable band saw blade's versatility pairs with 3X longer life in stainless steel. Each blade gives you more cuts, resulting in

fewer blade changes. The band saw blade also gives fast, clean cuts in common materials, delivering the performance you are

BEVEL BRUSHES

BEVEL BRUSHES

Diameter	Brush Type	Max RPM Wire Thicknes		Carbon Steel Part No.	Stainless Steel Part No.
4"	Knotted	12,000	.020/.023	48-52-1305	48-52-1315
4"	Crimped	12,000	.012/.014	48-52-1325	48-52-1335





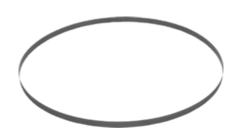






Fast, Clean Cuts

FEATURES



WIRE WHEELS

WIRE WHEELS

Diameter	Brush Type	Brush Type Max RPM Wire Thickness		Carbon Steel Part No.	Stainless Steel Part No.
4"	Stringer Bead	12,000	.020/.023	48-52-5010	48-52-5000
5"	Stringer Bead	12,500	.020/.023	48-52-1700	-
6"	Stringer Bead	9,500	.020/.023	48-52-1715	-
4"	Full Cable Knot	12,000	.020/.023	48-52-5030	48-52-5020
6"	Full Cable Knot	9,500	.020/.023	48-52-1725	-
4"	Crimped	12,000	.012/.014	48-52-5070	-







	SIANDAKI	D RAND SAM BL	ADE2					
			44-7/8"		35-3	3/8"	32-7/8"	27"
	TPI	1 Pack	2 Pack	3 Pack	1 Pack	3 Pack	3 Pack	3 Pack
	10	48-39-0500	-	48-39-0501	48-39-0508	48-39-0509	-	-
	10/14	48-39-0550	48-39-0554	48-39-0551	-	-	-	-
١	14	48-39-0510	48-39-0514	48-39-0511	48-39-0518	48-39-0519	-	-
)	14/18	48-39-0560	-	48-39-0561	-	-	-	-
	18	48-39-0520	48-39-0524	48-39-0521	48-39-0528	48-39-0529	48-39-0579	48-39-0572
	24	48-39-0530	48-39-0534	48-39-0531	48-39-0538	48-39-0539	-	-



HOLE SAWS

HOLE SAW SELECTION GUIDE

Identify the material to be cut in the columns below

Choose the appropriate product RECOMMENDED or ACCEPTABLE

	STAINLESS STEEL	METAL	ALUMINUM & OTHER NON-FERROUS METALS	DUCT	CAST IRON	WOOD WITH NAILS	CEILING Tile	PLASTER/ Drywall	PVC & Plastics	CLEAN WOOD	FIBERGLASS	CEMENT BOARD	TILE	BRICK & BLOCK	GRANITE
		I					4	M	00					W W	
IDE TEETH									ĺ						
TAL															
IDE GRIT															
OND GRIT															
SSED LIGHT															
STABLE HOLE CUTTER															
CT HOLE SAWS															
DERBOLT®															
IDE TIPPED															

NEW

HOLE DOZER™ W/ CARBIDE TEETH HOLE SAWS

OVERVIEW

The MILWAUKEE® HOLE DOZER™ w/ Carbide Teeth Hole Saw features a new 3 TPI design that offers users fast cuts with the durability of a bi-metal hole saw and life of a carbide hole saw. The HOLE DOZER™ w/ Carbide Teeth Hole Saw provides longest life in general purpose and extreme materials with the ability to cut through stainless steel, cast iron, fastener-embedded wood, cement board, fiberglass, plaster, asphalt shingle and more with ease. Deep gullets clear material fast while cutting and our ALL ACCESS SLOTS solve the frustration of plug removal, making users more productive with less downtime between holes. The new slot design also gives users increased pilot visibility for accurate placement and faster chip ejection, keeping their cut cool. The HOLE DOZER™ w/ Carbide Teeth Hole Saw has a cutting depth of 1.62 in., allowing clearance to handle cuts in a wide range of materials.

FEATURES

- Most Durable. Longest Life. Period.
- Increased performance over Bi-Metal HOLE DOZER™
- Longest Life in General Purpose and Extreme Materials





HOLE DOZER™ w/ CARBIDE TEETH HOLE SAWS

Description	Part No.
11/16" HOLE DOZER™ w/ Carbide Teeth Hole Saw	49-56-0700
3/4" HOLE DOZER™ w/ Carbide Teeth Hole Saw	49-56-0702
7/8" HOLE DOZER™ w/ Carbide Teeth Hole Saw	49-56-0704
1" HOLE DOZER™ w/ Carbide Teeth Hole Saw	49-56-0707
1-1/8" HOLE DOZER™ w/ Carbide Teeth Hole Saw	49-56-0708
1-1/4" HOLE DOZER™ w/ Carbide Teeth Hole Saw	49-56-0710
1-5/16" HOLE DOZER™ w/ Carbide Teeth Hole Saw	49-56-0711
1-3/8" HOLE DOZER™ w/ Carbide Teeth Hole Saw	49-56-0712
1-1/2" HOLE DOZER™ w/ Carbide Teeth Hole Saw	49-56-0713
1-5/8" HOLE DOZER™ w/ Carbide Teeth Hole Saw	49-56-0714
1-3/4" HOLE DOZER™ w/ Carbide Teeth Hole Saw	49-56-0717
1-7/8" HOLE DOZER™ w/ Carbide Teeth Hole Saw	49-56-0719
2" HOLE DOZER™ w/ Carbide Teeth Hole Saw	49-56-0720
2-1/8" HOLE DOZER™ w/ Carbide Teeth Hole Saw	49-56-0722
2-1/4" HOLE DOZER™ w/ Carbide Teeth Hole Saw	49-56-0724
2-3/8" HOLE DOZER™ w/ Carbide Teeth Hole Saw	49-56-0726
2-1/2" HOLE DOZER™ w/ Carbide Teeth Hole Saw	49-56-0727
2-9/16" HOLE DOZER™ w/ Carbide Teeth Hole Saw	49-56-0728
2-5/8" HOLE DOZER™ w/ Carbide Teeth Hole Saw	49-56-0729

Description	Part No.
2-11/16" HOLE DOZER™ w/ Carbide Teeth Hole Saw	49-56-0730
2-3/4" HOLE DOZER™ w/ Carbide Teeth Hole Saw	49-56-0731
3" HOLE DOZER™ w/ Carbide Teeth Hole Saw	49-56-0734
3-1/8" HOLE DOZER™ w/ Carbide Teeth Hole Saw	49-56-0735
3-1/4" HOLE DOZER™ w/ Carbide Teeth Hole Saw	49-56-0736
3-3/8" HOLE DOZER™ w/ Carbide Teeth Hole Saw	49-56-0737
3-1/2" HOLE DOZER™ w/ Carbide Teeth Hole Saw	49-56-0738
3-5/8" HOLE DOZER™ w/ Carbide Teeth Hole Saw	49-56-0739
3-3/4" HOLE DOZER™ w/ Carbide Teeth Hole Saw	49-56-0741
4" HOLE DOZER™ w/ Carbide Teeth Hole Saw	49-56-0742
4-1/8" HOLE DOZER™ w/ Carbide Teeth Hole Saw	49-56-0743
4-1/4" HOLE DOZER™ w/ Carbide Teeth Hole Saw	49-56-0744
4-1/2" HOLE DOZER™ w/ Carbide Teeth Hole Saw	49-56-0746
4-5/8" HOLE DOZER™ w/ Carbide Teeth Hole Saw	49-56-0747
5" HOLE DOZER™ w/ Carbide Teeth Hole Saw	49-56-0748
6" HOLE DOZER™ w/ Carbide Teeth Hole Saw	49-56-0749
1-1/16" HOLE DOZER™ w/ Carbide Teeth Hole Saw	49-56-0807
4-3/4" HOLE DOZER™ w/ Carbide Teeth Hole Saw	49-56-0847
5-1/2" HOLE DOZER™ w/ Carbide Teeth Hole Saw	49-56-0848

HOLE D	OZER™ w/ CA	RBIDE TEETH HOLE SAW KITS		
		Description	Includes	Part No.
	SP.	9 PC HOLE DOZER™ w/ Carbide Teeth Large Diameter Hole Saw Kit	(1) 1-3/8" HOLE DOZER™ w/ Carbide Teeth Hole Saw (1) 2" HOLE DOZER™ w/ Carbide Teeth Hole Saw (1) 2-5/8" HOLE DOZER™ w/ Carbide Teeth Hole Saw (1) 3" HOLE DOZER™ w/ Carbide Teeth Hole Saw (1) 3" HOLE DOZER™ w/ Carbide Teeth Hole Saw (1) 3-5/8" HOLE DOZER™ w/ Carbide Teeth Hole Saw (1) 4-1/4" HOLE DOZER™ w/ Carbide Teeth Hole Saw (1) Large Thread Arbor w/ Cobalt Pilot Bit (2) Cobalt Pilot Bits	49-22-3077
	CHE .	9 PC HOLE DOZER [™] w/ Carbide Teeth Hole Saw Kit	(1) 7/8" HOLE DOZER™ w/ Carbide Teeth Hole Saw (1) 1-1/8" HOLE DOZER™ w/ Carbide Teeth Hole Saw (1) 1-3/8" HOLE DOZER™ w/ Carbide Teeth Hole Saw (1) 2" HOLE DOZER™ w/ Carbide Teeth Hole Saw (1) 2-1/2" HOLE DOZER™ w/ Carbide Teeth Hole Saw (1) 3/8" Small Thread Arbor (1) 7/16" Large Thread Quick Change Arbor (2) 1/4" x 3-1/2" Cobalt Pilot Bits	49-22-3079
	a 60	10 PC HOLE DOZER [™] w/ Carbide Teeth Electrician's Hole Saw Kit	(1) 7/8" HOLE DOZER" w/ Carbide Teeth Hole Saw (1) 1-1/8" HOLE DOZER" w/ Carbide Teeth Hole Saw (1) 1-3/8" HOLE DOZER" w/ Carbide Teeth Hole Saw (1) 1-3/4" HOLE DOZER" w/ Carbide Teeth Hole Saw (1) 2" HOLE DOZER" w/ Carbide Teeth Hole Saw (1) 2" HOLE DOZER" w/ Carbide Teeth Hole Saw (1) 2-1/2" HOLE DOZER" w/ Carbide Teeth Hole Saw (1) Large Thread Arbor w/ Cobalt Pilot Bit (1) Small Thread Arbor w/ Cobalt Pilot Bit	49-22-3084

(2) Cobalt Pilot Bits





HOLE DOZER™ w/ CARBIDE TEETH HOLE SAW KITS

HOLE DUZER W/ GARBIDE IEEIH HOLE SAW KIIS						
	Description	Includes	Part No.			
e) if e	12 PC HOLE DOZER [™] w/ Carbide Teeth Hole Saw Kit	(1) 7/8" HOLE DOZER™ w/ Carbide Teeth Hole Saw (1) 1" HOLE DOZER™ w/ Carbide Teeth Hole Saw (1) 1-1/8" HOLE DOZER™ w/ Carbide Teeth Hole Saw (1) 1-3/8" HOLE DOZER™ w/ Carbide Teeth Hole Saw (1) 1-3/4" HOLE DOZER™ w/ Carbide Teeth Hole Saw (1) 2" HOLE DOZER™ w/ Carbide Teeth Hole Saw (1) 2-1/4" HOLE DOZER™ w/ Carbide Teeth Hole Saw (1) 2-1/2" HOLE DOZER™ w/ Carbide Teeth Hole Saw (1) 3/8" Small Thread Arbor (1) 7/16" Large Thread Quick Change Arbor (2) 1/4" x 3-1/2" Cobalt Pilot Bits	49-22-3090			
e) if e	12 PC HOLE DOZER™ w/ Carbide Teeth Plumber's Hole Saw Kit	(1) 3/4" HOLE DOZER™ w/ Carbide Teeth Hole Saw (1) 7/8" HOLE DOZER™ w/ Carbide Teeth Hole Saw (1) 1-1/8" HOLE DOZER™ w/ Carbide Teeth Hole Saw (1) 1-1/2" HOLE DOZER™ w/ Carbide Teeth Hole Saw (1) 1-3/4" HOLE DOZER™ w/ Carbide Teeth Hole Saw (1) 2-1/8" HOLE DOZER™ w/ Carbide Teeth Hole Saw (1) 2-1/4" HOLE DOZER™ w/ Carbide Teeth Hole Saw (1) 2-5/8" HOLE DOZER™ w/ Carbide Teeth Hole Saw (1) 2-5/8" HOLE DOZER™ w/ Carbide Teeth Hole Saw (1) Large Thread Arbor w/ Cobalt Pilot Bit (1) Small Thread Arbor w/ Cobalt Pilot Bit (2) Cobalt Pilot Bits	49-22-3091			
	15 PC HOLE DOZER [™] w/ Carbide Teeth Hole Saw Kit	(1) 3/4" HOLE DOZER™ w/ Carbide Teeth Hole Saw (1) 7/5" HOLE DOZER™ w/ Carbide Teeth Hole Saw (1) 1" HOLE DOZER™ w/ Carbide Teeth Hole Saw (1) 1-1/5" HOLE DOZER™ w/ Carbide Teeth Hole Saw (1) 1-1/4" HOLE DOZER™ w/ Carbide Teeth Hole Saw (1) 1-3/8" HOLE DOZER™ w/ Carbide Teeth Hole Saw (1) 1-3/8" HOLE DOZER™ w/ Carbide Teeth Hole Saw (1) 1-3/4" HOLE DOZER™ w/ Carbide Teeth Hole Saw (1) 2" HOLE DOZER™ w/ Carbide Teeth Hole Saw (1) 2" HOLE DOZER™ w/ Carbide Teeth Hole Saw (1) 2" HOLE DOZER™ w/ Carbide Teeth Hole Saw (1) 3" HOLE DOZER™ w/ Carbide Teeth Hole Saw (1) 3" HOLE DOZER™ w/ Carbide Teeth Hole Saw (1) Small Thread Arbor w/ Cobalt Pilot Bit (2) Cobalt Pilot Bits	49-22-3097			



HOLE DOZER™ BI-METAL HOLE SAWS

OVERVIEW

MILWAUKEE® HOLE DOZER™ Bi-Metal Hole Saws new 3.5 TPI tooth design offers users the longest life in metal applications. These HOLE DOZER™ Bi-Metal Hole Saws feature the industry's only Lifetime Tooth Break Warranty and can take on all general purpose applications, making them the most durable hole saws. Our ALL ACCESS SLOTS solve the frustration of plug removal, making users more productive with less downtime between holes. The new slot design also gives users increased pilot visibility for accurate placement and faster chip ejection keeping their cut cool. HOLE DOZER™ Thermoset Coating allows for faster cutting and is optimized for cordless tools, delivering users 25% more holes per charge. MILWAUKEE® HOLE DOZER™ Bi-Metal Hole Saws are proudly made in the USA.

FEATURES

- Most Durable Hole Saw. Period.
- New 3.5 TPI Tooth Design
- ALL ACCESS SLOTS: Fast Plug Removal





HOLE DOZER™ BI-METAL HOLE SAWS

Size	Hanging Container	Shrink Wrap	With Arbor	Bulk
9/16"	49-56-0002	49-56-9690	_	_
5/8"	49-56-0012	49-56-9603	-	-
11/16"	49-56-0017	49-56-9604	-	-
3/4"	49-56-0023	49-56-9605	49-56-9658	49-56-5090 (25 pk)
13/16"	49-56-0027	49-56-9606	-	-
7/8"	49-56-0032	49-56-9607	49-56-9659	49-56-5100 (25 pk)
15/16"	49-56-0037	49-56-9608	-	-
1"	49-56-0043	49-56-9609	49-56-9662	49-56-5110 (25 pk)
1-1/16"	49-56-0047	49-56-9610	-	-
1-1/8"	49-56-0052	49-56-9611	49-56-9663	49-56-5120 (25 pk)
1-3/16"	49-56-0057	49-56-9612	-	49-56-5125 (25 pk)
1-1/4"	49-56-0062	49-56-9613	49-56-9664	49-56-5130 (25 pk)
1-5/16"	49-56-0067	49-56-9614	-	-
1-3/8"	49-56-0072	49-56-9615	49-56-9671	49-56-5140 (25 pk)
1-7/16"	49-56-0077	49-56-9616	-	-
1-1/2"	49-56-0082	49-56-9617	49-56-9665	49-56-5150 (25 pk)
1-9/16"	49-56-0087	49-56-9618	-	-
1-5/8"	49-56-0092	49-56-9619	-	49-56-5152 (25 pk)
1-11/16"	49-56-0097	49-56-9620	-	-
1-3/4"	49-56-0102	49-56-9621	49-56-9666	49-56-5155 (25 pk)
1-13/16"	49-56-0107	49-56-9622	_	_
1-7/8"	49-56-0112	49-56-9623	_	_
2"	49-56-0117	49-56-9624	49-56-9667	49-56-5160 (25 pk)
2-1/16"	49-56-0122	49-56-9625	-	-
2-1/8"	49-56-0127	49-56-9626	49-56-9668	49-56-5165 (25 pk)
2-1/4"	49-56-0132	49-56-9628	49-56-9680	49-56-5167 (25 pk)
2-5/16"	49-56-0137	49-56-9629	-	-

	Size	Hanging Container	Shrink Wrap	With Arbor	Bulk
	2-3/8"	49-56-0142	49-56-9630	-	-
	2-1/2"	49-56-0147	49-56-9631	49-56-9669	49-56-5170 (25 pk)
	2-9/16"	49-56-0153	49-56-9632	-	-
	2-5/8"	49-56-0158	49-56-9633	-	49-56-5175 (16 pk)
	2-11/16"	49-56-0159	49-56-9634	-	-
	2-3/4"	49-56-0163	49-56-9635	-	-
	2-7/8"	49-56-0167	49-56-9636	-	-
	3"	49-56-0173	49-56-9637	49-56-9670	49-56-5180 (16 pk)
	3-1/8"	49-56-0177	49-56-9638	-	-
	3-1/4"	49-56-0183	49-56-9639	-	_
	3-3/8"	49-56-0187	49-56-9640	-	-
	3-1/2"	49-56-0193	49-56-9641	49-56-9682	49-56-5190 (9 pk)
	3-5/8"	49-56-0197	49-56-9642	49-56-9683	49-56-5195 (9 pk)
	3-3/4"	49-56-0203	49-56-9643	-	-
	3-7/8"	49-56-0207	49-56-9644	-	-
	4"	49-56-0213	49-56-9645	49-56-9685	49-56-5200 (9 pk)
	4-1/8"	49-56-0217	49-56-9646	-	49-56-5205 (9 pk)
	4-1/4"	49-56-0223	49-56-9647	49-56-9687	-
	4-3/8"	49-56-0227	49-56-9648	-	-
	4-1/2"	49-56-0233	49-56-9649	49-56-9689	-
	4-3/4"	49-56-0237	49-56-9650	-	-
	4-5/8"	49-56-0239	49-56-9627	-	-
	5"	49-56-0243	49-56-9652	-	-
	5-1/4"	49-56-0244	49-56-9653	-	-
	5-1/2"	49-56-0247	49-56-9654	-	_
	5-3/4"	49-56-0249	49-56-9655	-	_
	6"	49-56-0253	49-56-9656	49-56-9698	-
_		-			-



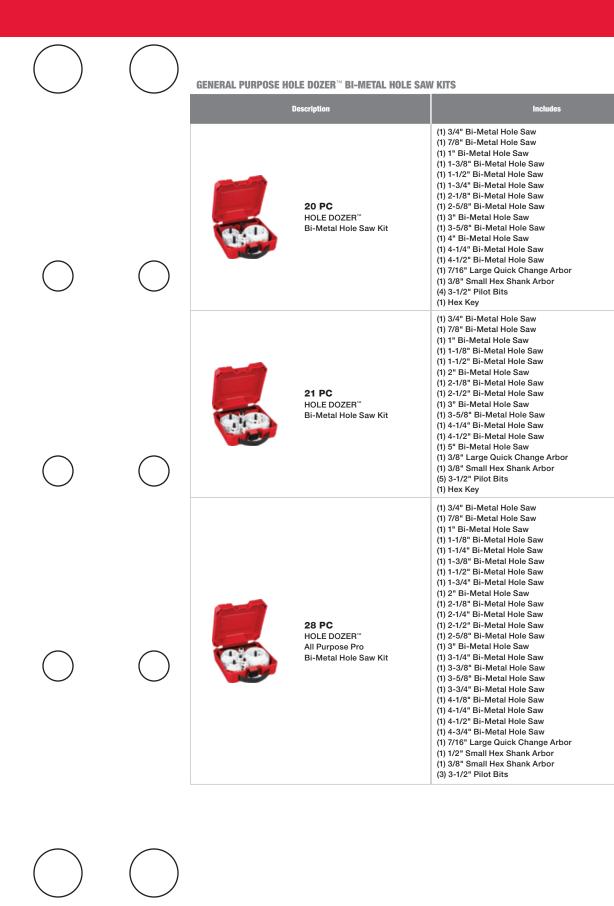


49-22-4170

49-22-4171

49-22-4185

GENERAL PURPOSE HOLE	DOZER™ BI-METAL HOLE SAW	KITS	
Desci	ription	Includes	Part No.
H	9 PC HOLE DOZER™ Si-Metal Hole Saw Kit	(1) 3/4" Bi-Metal Hole Saw (1) 7/8" Bi-Metal Hole Saw (1) 1" Bi-Metal Hole Saw (1) 1-1/8" Bi-Metal Hole Saw (1) 1-1/2" Bi-Metal Hole Saw (1) 3-1/2" Bi-Metal Hole Saw (1) 3/9" Small Hex Shank Arbor (1) 3/1/2" Pilot Bit (1) Arbor Adapter (1) Adapter Washer	49-22-4006
H	9 PC HOLE DOZER™ Si-Metal Hole Saw Kit	(1) 1" Bi-Metal Hole Saw (1) 1-1/4" Bi-Metal Hole Saw (1) 1-1/2" Bi-Metal Hole Saw (1) 2" Bi-Metal Hole Saw (1) 2-1/2" Bi-Metal Hole Saw (1) 2-1/2" Bi-Metal Hole Saw (1) 3/8" Small Hex Shank Arbor (1) 3-1/2" Pilot Bit (1) Arbor Adapter (1) Adapter Washer	49-22-4009
H B W	I 0 PC HOLE DOZER™ Bi-Metal Hole Saw Kit v/ PACKOUT™ Compact Organizer	(1) 1-1/2" Bi-Metal Hole Saw (1) 2" Bi-Metal Hole Saw (1) 2-1/2" Bi-Metal Hole Saw (1) 3" Bi-Metal Hole Saw (1) 3-5/8" Bi-Metal Hole Saw (1) 3-5/8" Bi-Metal Hole Saw (1) 4-1/4" Bi-Metal Hole Saw (1) 7/16" Large Quick Change Arbor (1) 3/8" Small Hex Shank Arbor (2) 3-1/2" Pilot Bits (1) PACKOUT" Compact Organizer	49-22-5606
H	I 3 PC HOLE DOZER™ Bi-Metal Hole Saw Kit	(1) 3/4" Bi-Metal Hole Saw (1) 7/8" Bi-Metal Hole Saw (1) 1-1/8" Bi-Metal Hole Saw (1) 1-3/8" Bi-Metal Hole Saw (1) 1-1/2" Bi-Metal Hole Saw (1) 1-1/2" Bi-Metal Hole Saw (1) 2" Bi-Metal Hole Saw (1) 2" Bi-Metal Hole Saw (1) 2-1/8" Bi-Metal Hole Saw (1) 2-1/2" Bi-Metal Hole Saw (1) 3/8" Si-Metal Hole Saw (1) 3/8" Si-Metal Hole Saw (1) 3/8" Si-Metal Hole Saw (2) 3-1/2" Bi-Metal Hole Saw (3) 3/8" Si-Metal Hole Saw (4) 3/8" Si-Metal Hole Saw (5) 3/8" Si-Metal Hole Saw (6) 3/8" Si-Metal Hole Saw (7) 3/8" Si-Metal Hole Saw (8) 3/8" Si-Metal Hole Saw (9) 3/8" Si-Metal Hole Saw (1) 3/8" Si	49-22-4025
H	I 5 PC HOLE DOZER™ Bi-Metal Hole Saw Kit	(1) 3/4" Bi-Metal Hole Saw (1) 7/8" Bi-Metal Hole Saw (1) 1" Bi-Metal Hole Saw (1) 1-1/8" Bi-Metal Hole Saw (1) 1-3/8" Bi-Metal Hole Saw (1) 1-1/2" Bi-Metal Hole Saw (1) 1-1/2" Bi-Metal Hole Saw (1) 2" Bi-Metal Hole Saw (1) 2" Bi-Metal Hole Saw (1) 2-1/8" Bi-Metal Hole Saw (1) 2-1/8" Bi-Metal Hole Saw (1) 2-1/4" Bi-Metal Hole Saw (1) 2-1/2" Bi-Metal Hole Saw (1) 3/8" Small Hex Shank Arbor (2) 3-1/2" Pilot Bits	49-22-4175
90.900 H	I 7 PC HOLE DOZER™ Bi-Metal Hole Saw Kit	(1) 3/4" Bi-Metal Hole Saw (1) 7/8" Bi-Metal Hole Saw (1) 1-1/8" Bi-Metal Hole Saw (1) 1-3/8" Bi-Metal Hole Saw (1) 1-1/2" Bi-Metal Hole Saw (1) 2-1/2" Bi-Metal Hole Saw (1) 2-1/8" Bi-Metal Hole Saw (1) 2-1/4" Bi-Metal Hole Saw (1) 2-1/4" Bi-Metal Hole Saw (1) 2-1/2" Bi-Metal Hole Saw (1) 3/16" Large Quick Change Arbor (1) 3/8" Small Hex Shank Arbor (5) 3-1/2" Pilot Bits (1) Hex Key	49-22-4029





ELECTRICIAN'S HOLE DOZER™ BI-METAL HOLE SAW KITS

	Description	Includes	Part No.
Code C	10 PC HOLE DOZER [™] Electrician's Bi-Metal Hole Saw Kit	(1) 7/8" Bi-Metal Hole Saw (1) 1-1/8" Bi-Metal Hole Saw (1) 1-3/8" Bi-Metal Hole Saw (1) 1-3/4" Bi-Metal Hole Saw (1) 2" Bi-Metal Hole Saw (1) 2" Bi-Metal Hole Saw (1) 2-1/2" Bi-Metal Hole Saw (1) 7/16" Large Quick Change Arbor (1) 3/8" Small Hex Shank Arbor (2) 3-1/2" Pilot Bits	49-22-4095
	19 PC HOLE DOZER™ Master Electrician's Bi-Metal Hole Saw Kit	(1) 3/4" Bi-Metal Hole Saw (1) 7/8" Bi-Metal Hole Saw (1) 1-1/8" Bi-Metal Hole Saw (1) 1-3/8" Bi-Metal Hole Saw (1) 1-1/2" Bi-Metal Hole Saw (1) 1-3/4" Bi-Metal Hole Saw (1) 2" Bi-Metal Hole Saw (1) 2" Bi-Metal Hole Saw (1) 2-1/2" Bi-Metal Hole Saw (1) 2-1/2" Bi-Metal Hole Saw (1) 2-5/8" Bi-Metal Hole Saw (1) 3" Bi-Metal Hole Saw (1) 3" Bi-Metal Hole Saw (1) 3-5/8" Bi-Metal Hole Saw (1) 3-5/8" Bi-Metal Hole Saw (1) 4-1/8" Bi-Metal Hole Saw (1) 4-3/4" Bi-Metal Hole Saw (1) 7/16" Large Quick Change Arbor (1) 3/8" Small Hex Shank Arbor (3) 3-1/2" Pilot Bits	49-22-4105



Description	ion	Includes	Part No.
Plumb	DOZER™	(1) 3/4" Bi-Metal Hole Saw (1) 7/8" Bi-Metal Hole Saw (1) 1-1/8" Bi-Metal Hole Saw (1) 1-1/2" Bi-Metal Hole Saw (1) 1-1/2" Bi-Metal Hole Saw (1) 2-1/8" Bi-Metal Hole Saw (1) 2-1/8" Bi-Metal Hole Saw (1) 2-1/8" Bi-Metal Hole Saw (1) 2-5/8" Bi-Metal Hole Saw (1) 2-5/8" Bi-Metal Hole Saw (1) 7/16" Large Quick Change Arbor (2) 3-1/2" Pilot Bits	49-22-4143
Plumb	DOZER™	(1) 3/4" Bi-Metal Hole Saw (1) 7/8" Bi-Metal Hole Saw (1) 1-1/8" Bi-Metal Hole Saw (1) 1-1/2" Bi-Metal Hole Saw (1) 1-3/4" Bi-Metal Hole Saw (1) 2-1/4" Bi-Metal Hole Saw (1) 2-5/8" Bi-Metal Hole Saw (1) 3-5/8" Bi-Metal Hole Saw (1) 3-5/8" Bi-Metal Hole Saw (1) 4" Bi-Metal Hole Saw (1) 4" Bi-Metal Hole Saw (1) 4-1/4" Bi-Metal Hole Saw (1) 4-1/4" Bi-Metal Hole Saw (1) 4-1/6" Large Quick Change Arbor (1) 3/8" Small Hex Shank Arbor (2) 3-1/2" Pilot Bits	49-22-4156

SPECIALTY HOLE DOZER $^{\mathsf{TM}}$ BI-METAL HOLE SAW KITS

Description	Includes	Part No.
7 PC HOLE DOZER™ Automotive Bi-Metal Hole Saw Kit	(1) 3/4" Bi-Metal Hole Saw (1) 7/8" Bi-Metal Hole Saw (1) 1" Bi-Metal Hole Saw (1) 1-1/8" Bi-Metal Hole Saw (1) 1-1/4" Bi-Metal Hole Saw (1) 3/8" Small Hex Shank Arbor (1) Arbor Adapter	49-22-4083



SPECIALTY HOLE DOZER™ BI-METAL HOLE SAW KITS

Description	Includes	Part No.
11 PC HOLE DOZER™ Automotive Bi-Metal Hole Saw Kit	(1) 3/4" Bi-Metal Hole Saw (1) 7/8" Bi-Metal Hole Saw (1) 1-1/8" Bi-Metal Hole Saw (1) 1-1/2" Bi-Metal Hole Saw (1) 2" Bi-Metal Hole Saw (1) 2-1/8" Bi-Metal Hole Saw (1) 2-1/8" Bi-Metal Hole Saw (1) 2-1/4" Bi-Metal Hole Saw (1) 2-1/2" Bi-Metal Hole Saw (1) 2-1/2" Bi-Metal Hole Saw (1) 3/16" Large Hex Shank Arbor (1) 3/8" Small Hex Shank Arbor (1) 3-1/2" Pilot Bit	49-22-4084
HOLE DOZER™ Door Lock Installation Kit	(1) 1" Bi-Metal Hole Saw (1) 2-1/8" Bi-Metal Hole Saw (1) Hole Saw Arbor Adapter (1) 3/8" Small Hex Shank Arbor	49-22-4063
HOLE DOZER™ Door Lock Installation Kit	(1) Door Lock Installation Guide (2) Bi-Metal Hole Saws: 1" and 2-1/8" (1) Arbor and Pilot Bit Assembly (4) Drill Bits: (2) 3/32" and (2) 1/8" (1) Hole Saw Thread Adapter and Spacer (1) Depth Stop Insert	49-22-4073

NEW

→ HOLE SAW CASES

FEATURES

- Interchangeable Pegs: Allow for customizeable kit configurations
- Reinforced Grids on top and bottom: Keep hole saws securely stored
- Removable Accessory Box: Offers additional customization options

HOLE SAW CASES

		Description	Includes	Part No.
		Small Case	(1) Removable Accessory Box (7) Interchangeable Pegs (1) Small Case	49-56-1006
)	WIII	Large Case	(1) Removable Accessory Box (6) Interchangeable Pegs (1) Large Case	49-56-1007



HOLE SAW ARBORS

FEATURES

- Tool-free operation
- Universal, quick change with all brands of hole saws
- No adapters required



HOLE SAW ARBORS

Description	Shank	Style	Fits Hole Saw Sizes	Part No.
HOLE DOZER™ w/ Carbide Teeth Small Hole Saw Arbor	3/8"	Carbide Teeth Hole Saw Arbor	Up to 1-3/16"	49-56-7110
HOLE DOZER™ w/ Carbide Teeth Large Hole Saw Arbor	7/16"	Carbide Teeth Hole Saw Arbor	Up to 6"	49-56-7115
Small Hole Saw Arbor	3/8"	Basic Hole Saw Arbor	Up to 1-3/16"	49-56-7010
Small Hole Saw Arbor	7/16"	Basic Hole Saw Arbor	Up to 1-3/16"	49-56-7000
Small Hole Saw Arbor	1/4"	Basic Hole Saw Arbor	Up to 1-3/16"	49-56-6950
Large Hole Saw Arbor	3/8"	Basic Hole Saw Arbor	1-1/4" & Larger	49-56-7040
Large Thread Quick Change Arbor	3/8"	Quick Change Hole Saw Arbor	1-1/4" & Larger	49-56-7250
Quick Change Hole Saw Arbor	7/16"	Quick Change Hole Saw Arbor	1-1/4" & Larger	49-56-7055
Quick Change Hole Saw Arbor	7/16"	Quick Change Hole Saw Arbor	1-1/4" & Larger	49-56-9100
Quick Change Hole Saw Arbor	7/16"	Quick Change Hole Saw Arbor	1-1/4" & Larger	49-56-7240
Hole Saw Arbor Adapter	-	Adapter	1-1/4" & Larger	49-56-6560
Hole Saw Arbor Spacer	-	Spacer	-	49-67-0120

PILOT BITS

FEATURES

- THUNDERBOLT® Tapered Web: Added durability
- 135° Split Point Tip: Provides accurate hole placement

PILOT BITS

Description	Quantity	Part No.
1/4" HOLE DOZER™ w/ Carbide Teeth Cobalt Pilot Bit	1 Pack	49-56-7100
1/4" x 3-1/2" High Speed Steel Pilot Bit	1 Pack	49-56-8010
1/4" x 3-1/2" High Speed Steel Pilot Bit	12 Pack	49-56-8033
1/4" x 4" High Speed Steel Pilot Bit	1 Pack	49-56-8000
1/4" x 4" High Speed Steel Pilot Bit	12 Pack	49-56-8031
1/4" x 4" Carbide Tipped Pilot Bit	1 Pack	49-56-8005



EXTENSIONS

FEATURES

■ Universal Fit: Works with all major brands



EXTENSIONS

Description	Shank	Style	Length	Part No.
Bit Extension 12"	3/8"	-	12"	48-28-4008
6" x 3/8" Universal QUIK-LOK™ Extension	3/8"	QUIK-LOK™	6"	48-28-2010
12" x 3/8" Universal QUIK-LOK™ Extension	3/8"	QUIK-LOK™	12"	48-28-2020
18" x 3/8" Universal QUIK-LOK™ Extension	3/8"	QUIK-LOK™	18"	48-28-2030
24" x 3/8" Universal QUIK-LOK™ Extension	3/8"	QUIK-LOK™	24"	48-28-2040
Bit Extension 5-1/2"	7/16"	-	5-1/2"	48-28-4001
Bit Extension 12"	7/16"	-	12"	48-28-4006
Bit Extension 18"	7/16"	-	18"	48-28-4011
Bit Extension 24"	7/16"	-	24"	48-28-4016
5-1/2" x 7/16" Universal QUIK-LOK™ Extension	7/16"	QUIK-LOK™	5-1/2"	48-28-1030
12" x 7/16" Universal QUIK-LOK™ Extension	7/16"	QUIK-LOK™	12"	48-28-1040
18" x 7/16" Universal QUIK-LOK" Extension	7/16"	QUIK-LOK™	18"	48-28-1050
24" x 7/16" Universal QUIK-LOK" Extension	7/16"	QUIK-LOK™	24"	48-28-1060

BIG HAWG™ w/ CARBIDE TEETH HOLE SAWS

OVERVIEW

MILWAUKEE® BIG HAWG™ w/ Carbide Teeth is first-to-market in providing extreme life and durability in both nail-embedded wood and abrasive material applications. Utilizing advanced carbide technology to completely redesign the tried and true BIG HAWG™ Hole Saw, the new BIG HAWG™ w/ Carbide Teeth gives users 50X life in demanding applications with the ability to cut 1000+ more nails. 10X larger carbide teeth rip through materials 5X faster than any hole saw on the market, while oversized slots make for easy plug removal and chip ejection.

FEATURES

- 50X Life in nail-embedded wood and abrasive material applications
- 3-Tooth Design with 10X More Carbide cuts: 1000+ more nails
- Carbide Tipped Multi-Material Pilot Bit: Increased material versatility



CARBIDE TEETH

BIG HAWG™ w/ CARBIDE TEETH HOLE SAWS

Description	Part No.
1-3/8" BIG HAWG™ w/ Carbide Teeth Hole Saw	49-56-9200
1-3/4" BIG HAWG™ w/ Carbide Teeth Hole Saw	49-56-9205
2-1/8" BIG HAWG™ w/ Carbide Teeth Hole Saw	49-56-9210
2-1/4" BIG HAWG™ w/ Carbide Teeth Hole Saw	49-56-9215
2-9/16" BIG HAWG™ w/ Carbide Teeth Hole Saw	49-56-9220
2-3/4" BIG HAWG™ w/ Carbide Teeth Hole Saw	49-56-9225
3" BIG HAWG™ w/ Carbide Teeth Hole Saw	49-56-9230

Description	Part No.
3-5/8" BIG HAWG [™] w/ Carbide Teeth Hole Saw	49-56-9240
4" BIG HAWG™ w/ Carbide Teeth Hole Saw	49-56-9245
4-1/4" BIG HAWG [™] w/ Carbide Teeth Hole Saw	49-56-9255
4-5/8" BIG HAWG [™] w/ Carbide Teeth Hole Saw	49-56-9265
5-1/4" BIG HAWG [™] w/ Carbide Teeth Hole Saw	49-56-9270
6-1/4" BIG HAWG™ w/ Carbide Teeth Hole Saw	49-56-9275

BIG HAWG™ w/ CARBIDE TEETH HOLE SAW KITS

BIG HAWG™ w/ CARBIDE TEETH HOLE SAW KITS

Description	Includes	Part No.
7 PC BIG HAWG [™] w/ Carbide Teeth Hole Saw Kit	(1) 2-1/8" BIG HAWG™ w/ Carbide Teeth Hole Saw (1) 2-9/16" BIG HAWG™ w/ Carbide Teeth Hole Saw (1) 3-5/8" BIG HAWG™ w/ Carbide Teeth Hole Saw (1) BIG HAWG™ w/ Carbide Teeth Hole Saw Arbor (1) BIG HAWG™ w/ Carbide Teeth Hole Saw Diamond File (2) Clean Wood Pilot Bits	49-56-9280
8 PC BIG HAWG [™] w/ Carbide Teeth Hole Saw Kit	(1) 2-1/8" BIG HAWG™ w/ Carbide Teeth Hole Saw (1) 2-9/16" BIG HAWG™ w/ Carbide Teeth Hole Saw (1) 3-5/8" BIG HAWG™ w/ Carbide Teeth Hole Saw (1) 4-5/8" BIG HAWG™ w/ Carbide Teeth Hole Saw (1) BIG HAWG™ w/ Carbide Teeth Hole Saw Arbor (1) BIG HAWG™ w/ Carbide Teeth Hole Saw Diamond File (2) Clean Wood Pilot Bits	49-56-9285
10 PC BIG HAWG [™] w/ Carbide Teeth Hole Saw Kit	(1) 2-1/8" BIG HAWG™ w/ Carbide Teeth Hole Saw (1) 2-1/4" BIG HAWG™ w/ Carbide Teeth Hole Saw (1) 2-9/16" BIG HAWG™ w/ Carbide Teeth Hole Saw (1) 3" BIG HAWG™ w/ Carbide Teeth Hole Saw (1) 3" BIG HAWG™ w/ Carbide Teeth Hole Saw (1) 3-5/8" BIG HAWG™ w/ Carbide Teeth Hole Saw (1) 4-1/4" BIG HAWG™ w/ Carbide Teeth Hole Saw (1) BIG HAWG™ w/ Carbide Teeth Hole Saw Arbor (1) BIG HAWG™ w/ Carbide Teeth Hole Saw Diamond File (2) Clean Wood Pilot Bits	49-56-9290
9 PC BIG HAWG™ w/ Carbide Teeth Hole Saw Kit w/ PACKOUT™ Compact Organizer	(1) 2-1/8" BIG HAWG™ w/ Carbide Teeth Hole Saw (1) 2-9/16" BIG HAWG™ w/ Carbide Teeth Hole Saw (1) 3" BIG HAWG™ w/ Carbide Teeth Hole Saw (1) 3-5/8" BIG HAWG™ w/ Carbide Teeth Hole Saw (1) 4-1/4" BIG HAWG™ w/ Carbide Teeth Hole Saw (1) 4-1/4" BIG HAWG™ w/ Carbide Teeth Hole Saw (2) Clean Wood Pilot Bits (1) PACKOUT™ Compact Organizer	49-56-9295



BIG HAWG™

BIG HAWG™ w/ CARBIDE TEETH HOLE SAW ACCESSORIES

BIG HAWG™ w/ CARBIDE TEETH HOLE SAW ACCESSORIES

Description	Part No.				
BIG HAWG™ w/ Carbide Teeth Hole Saw Diamond File	48-09-5055				
BIG HAWG™ w/ Carbide Teeth Hole Saw Clean Wood Pilot Bit	48-27-1401				
BIG HAWG™ w/ Carbide Teeth Hole Saw Multi-Material Pilot Bit	49-56-9300				
BIG HAWG™ w/ Carbide Teeth Hole Saw Arbor	49-56-9305				
BIG HAWG™ w/ Carbide Teeth Hole Saw Clean Wood Arbor	49-56-9306				

DIAMOND MAX™ DIAMOND GRIT HOLE SAWS

OVERVIEW

Choose the MILWAUKEE® DIAMOND MAX™ Diamond Grit Hole Saw for up to 10X longer life when cutting porcelain, tile, stone, and glass. DIAMOND MAX™ Diamond Grit Hole Saws deliver best-in-class performance, with higher-grade diamonds for maximum heat and fracture resistance. An improved braze provides superior diamond retention when cutting hard, abrasive materials. The DIAMOND MAX™ Threaded Hole Saw features ALL ACCESS SLOT Design for easy plug removal. Designed as the single cutting solution for all tile, stone, and glass applications, DIAMOND MAX™ offers the lowest cost-per-hole on the market. Use it with standard hole saw arbors or with the Angle Grinder Adapter (49-56-7105), or Retractable Starter Bit with Large Arbor (49-56-7135) for even greater productivity and ease of use.



FEATURES

- DIAMOND MAX™: Greater durability and toughness delivers up to 10X longer life
- Higher-grade Diamonds and Improved Braze: Provide best-in-class performance
- Versatile: Ideal for cutting, anchoring, and clearance holes in all tile, stone, and glass

DIAMOND MAX™ DIAMOND GRIT ONE-PIECE HOLE SAWS

Size	Description	Part No.
3/16"	DIAMOND MAX™ One-Piece Hole Saw	49-56-0503
1/4"	DIAMOND MAX™ One-Piece Hole Saw	49-56-0505
5/16"	DIAMOND MAX™ One-Piece Hole Saw	49-56-0507
3/8"	DIAMOND MAX™ One-Piece Hole Saw	49-56-0509
1/2"	DIAMOND MAX™ One-Piece Hole Saw	49-56-0511
5/8"	DIAMOND MAX™ One-Piece Hole Saw	49-56-0513
3/4"	DIAMOND MAX™ One-Piece Hole Saw	49-56-0515
1"	DIAMOND MAX™ One-Piece Hole Saw	49-56-0517

DIAMOND MAX™ DIAMOND GRIT THREADED HOLE SAWS

Siz	e	Description	Part No.
7/8	3"	DIAMOND MAX™ Threaded Hole Saw	49-56-5605
1-1/	'8"	DIAMOND MAX™ Threaded Hole Saw	49-56-5615
1-1/	' 4"	DIAMOND MAX™ Threaded Hole Saw	49-56-5620
1-3/	/8"	DIAMOND MAX™ Threaded Hole Saw	49-56-5625
1-1/	2"	DIAMOND MAX™ Threaded Hole Saw	49-56-5630
2'		DIAMOND MAX™ Threaded Hole Saw	49-56-5645
2-1/	2"	DIAMOND MAX™ Threaded Hole Saw	49-56-5660



DIAMOND MAX™ DIAMOND GRIT THREADED HOLE SAW ACCESSORIES

Description	Part No.
1-1/4" – 2-1/2" Angle Grinder Adapter (Large)	49-56-7105
7/8" – 1-1/8" Angle Grinder Adapter (Small)	49-56-7103
1/4" Retractable Starter Bit	49-56-8025
Retractable Starter Bit with Large Arbor	49-56-7135

DIAMOND MAX™ DIAMOND GRIT HOLE SAW SETS

DIAMOND MAX™ DIAMOND GRIT HOLE SAW SETS

DIAMOND WAY DIAMOND WITH HOLE ON OLIV					
	Description	Includes	Part No.		
	3 PC DIAMOND MAX™ One-Piece Hole Saw Set	(1) 3/16" DIAMOND MAX" Diamond Grit One-Piece Hole Saw (1) 1/4" DIAMOND MAX" Diamond Grit One-Piece Hole Saw (1) 5/16" DIAMOND MAX" Diamond Grit One-Piece Hole Saw	49-56-0500		
	2 PK 1/4" DIAMOND MAX™ One-Piece Hole Saws	(2) 1/4" DIAMOND MAX™ Diamond Grit One-Piece Hole Saws	49-56-0501		

CARBIDE GRIT HOLE SAWS

OVERVIEW

MILWAUKEE® Carbide Grit Hole Saws are designed for cutting abrasive materials such as brick, block, cement board, fiberglass and tile. Use a Carbide Tipped Pilot Bit (49-56-8005) when cutting ceramic tile, brick and other abrasive materials.

FEATURES

- Tungsten Carbide Grit Edge: For abrasive materials
- Coarse Grit and Segmented Edge: Fast cutting
- Wide, Angled and Offset Slots: Easy plug access

CARBIDE GRIT HOLE SAWS

OTTITIBLE OF	
Size	Part No.
3/4"	49-56-0405
7/8"	49-56-0409
1"	49-56-0413
1-1/8"	49-56-0417
1-1/4"	49-56-0422

Size	Part No.
1-3/8"	49-56-0426
1-3/4"	49-56-0437
2"	49-56-0444
2-1/4"	49-56-0449
2-1/2"	49-56-0456





RECESSED LIGHT HOLE CUTTERS - ADJUSTABLE

OVERVIEW

The MILWAUKEE® Adjustable Hole Cutter offers a one-size-fits-all solution to make holes in drywall and ceiling tile. Cutting diameters range from 2" through 7" with 1/4" increments for almost double the amount of sizes over the competition. Utilizing a QUIK-LOK™ Arbor for tool-free adjustability as well as laser-etched markings and size indicator, users can quickly and easily identify and change sizes without the use of a hex key. A best-in-class durable and reusable debris shield with spring collar keeps cutting blades level and work areas clean, especially in overhead cutting applications. Choose the Adjustable Hole Cutter for applications in drywall and ceiling tiles including: recessed lights, audio speakers, fire/security systems and clearance holes.



FEATURES

- QUIK-LOK[™] Arbor: Quick and easy tool-free adjustability
- 2" through 7" Diameters with 1/4" increments: A greater size range
- Black Oxide Coated with laser-etched size indicators

RECESSED LIGHT HOLE CUTTERS – ADJUSTABLE

Description	Part No.
Adjustable Hole Cutter	49-56-0320
Adjustable Hole Cutter Replacement Blades and Pilot Bit	49-56-0290

RECESSED LIGHT HOLE SAWS - CONTINUOUS GRIT

OVERVIEW

MILWAUKEE® Recessed Light Hole Saws are manufactured using carbide grit for cutting through drywall, plaster, acoustical tile, wood and stucco with mesh. Made with a continuous Carbide Rim, these saws won't tear material and will leave a clean finish.



- Continuous Rim: Clean cuts
- Carbide Grit Edge: For abrasive materials
- Solid, Welded Construction: Provides accurately-sized holes

RECESSED LIGHT HOLE SAWS - CONTINUOUS GRIT

	Size	Description	Part No.
	3-1/8"	3-1/8" Recessed Light Hole Saw	49-56-0296
	4-3/8"	4-3/8" Recessed Light Hole Saw	49-56-0300
	5-3/8"	5-3/8" Recessed Light Hole Saw	49-56-0303



Size	Description	Part No.
6-3/8"	6-3/8" Recessed Light Hole Saw	49-56-0305
6-5/8"	6-5/8" Recessed Light Hole Saw	49-56-0310
6-7/8"	6-7/8" Recessed Light Hole Saw	49-56-0315



SHOCKWAVE IMPACT DUTY™ IMPACT HOLE SAWS

OVERVIEW

Designed with a robust 1/4" quick change hex shank, MILWAUKEE® SHOCKWAVE Impact Duty™ Hole Saws give professionals a hole-making solution to use with impact drivers. Utilizing a thin wall 8 TPI design, SHOCKWAVE Impact Duty™ Hole Saws deliver a burr-free cut up to 40% faster than standard bi-metal hole saws. The included ejection spring removes the frustration of manually removing slugs by automatically ejecting the material. A stop shoulder design prevents over-drilling into material and potentially damaging inner components of electrical and junction boxes. Choose SHOCKWAVE Impact Duty™ Hole Saws for use in plastics and thin-gauge metals up to 1/8" thick.

FEATURES

- 1/4" Quick Change Hex Shank: For use with impact drivers
- Thin Wall 8 TPI Design: 40% faster cuts than standard bi-metal hole saws
- Stop Shoulder Design: Prevents over-drilling and damaging components

SHOCKWAVE IMPACT DUTY™ HOLE SAWS

Size	Part No.
3/4"	49-56-9805
7/8"	49-56-9810
1"	49-56-9815
1-1/8"	49-56-9820

Size	Part No.
1-1/4"	49-56-9825
1-3/8"	49-56-9830
1-1/2"	49-56-9835

SHOCKWAVE IMPACT DUTY™ HOLE SAW KIT

Description	Includes	Part No.	
3 PC SHOCKWAVE Impact Duty™ Hole Saw Kit	(1) 7/8" SHOCKWAVE Impact Duty™ Hole Saw (1) 1-1/8" SHOCKWAVE Impact Duty™ Hole Saw (1) 1-3/8" SHOCKWAVE Impact Duty™ Hole Saw	49-22-4800	





SAWZALL® BLADES

SAWZALL® BLADES SELECTION GUIDE

- Identify the material to be cut in the columns below
- Follow the column down to find BEST PERFORMANCE or ACCEPTABLE PERFORMANCE
- Follow the row to the left to identify the appropriate teeth per inch (TPI) or specialty blade

 Note: Fewer TPI cut faster but rougher, while more TPI cut smoother but slower

	WOOD WITH NAILS	PVC & PLASTICS	ALUMINUM & OTHER NON-FERROUS METALS	THICK METAL (3/8" - 9/16")	MEDIUM METAL (1/4" - 7/16")	THIN METAL (1/8" - 5/16")	SHEET METAL (1/16" - 3/16")	CLEAN WOOD	TIMBER & GREEN WOOD	ROOTS	PLASTER/ DRYWALL	TILE	SHINGLES	FIBERGLASS	BRICK	CAST IRON	DUCTILE IRON	STAINLESS STEEL	HIGH STRENGTH ALLOYS	CEMENT BOARD
	1	44	**	E	40	4	9			AC)	To the second			6		7		0	9	4
3 TPI CARBIDE TEETH																				
4/6 TPI 5 TPI	FASTER/ ROUGHER																			
	<u> </u>																			
5 TPI CARBIDE TEETH	1																			
6 TPI CARBIDE TEETH		FASTER/ ROUGHER	FASTER/	FASTER/ ROUGHER																
7/11 TPI 8/12 TPI			ROUGHER																	
10/14 TPI	+																			
7 TPI NITRUS CARBIDE™	SLOWER/ SMOOTHER																			
NANANANANA 7 TPI CARBIDE TEETH					FASTER/															
10 TPI		SLOWER/	SLOWER/		ROUGHER															
TO TPI 14 TPI 14 TPI		SMOOTHER	SMOOTHER	SLOWER/		FASTER/ ROUGHER														
18 TPI				SMOOTHER	SLOWER/ SMOOTHER	1	FASTER/ ROUGHER													
24 TPI					SHIUUTHEN	SLOWER/ SMOOTHER	SLOWER/ SMOOTHER													
PRUNING																				
CLEAN WOOD PLASTER																				
DIAMOND GRIT	ĭ																			

METAL CUTTING

THE TORCH™ w/ NITRUS CARBIDE™ SAWZALL® BLADES FOR CAST IRON

FEATURES

- Unique Carbide Blend: Fastest cutting and longest life
- 70% Larger Gullets: Easy chip ejection
- 7 TPI: Fast starts and smooth cuts in cast iron



CUTS 3X LONGER
IN CAST IRON*

*VS. EXISTING BLADES W/ CARBIDE TEETH

CARBIDE TEETH



THE TORCH™ w/ NITRUS CARBIDE™ SAWZALL® BLADES FOR CAST IRON

TPI	Length	Material	1 Pack	3 Pack	5 Pack
7	6"	-1010	48-00-5261	48-00-5361	48-00-5561
7	9"	-1010	48-00-5262	48-00-5362	48-00-5562
7	12"	-1010	48-00-5263	48-00-5363	48-00-5563

THE TORCH™ w/ CARBIDE TEETH SAWZALL® BLADES FOR THICK METAL

FEATURES

- Carbide Teeth: 50X Life in thick metal
- 25% More Carbide per Tooth: Longer life
- 70% Larger Gullets: Easy chip ejection
- 7 TPI: Fast, efficient cutting in thick and extreme metals



CARBIDE TEETH

THE TORCH $^{\scriptscriptstyle{\text{TM}}}$ w/ carbide teeth sawzall $^{\scriptscriptstyle{\text{O}}}$ blades for thick metal

TPI	Length	Material	1 Pack	3 Pack	5 Pack	25 Pack
7	6"	-1010	48-00-5201	48-00-5301	48-00-5501	48-00-8501
7	9"	-1010	48-00-5202	48-00-5302	48-00-5502	48-00-8502
7	12"	-1010	48-00-5203	48-00-5303	48-00-5503	-

THE TORCH™ BI-METAL SAWZALL® BLADES

FEATURES

- Optimized Tooth Design: Provides up to 5X longer life than standard bi-metal blades
- TOUGH NECK™ Ribs: Strengthen the blade tang and minimize breakage
- GRID IRON™ Honeycomb Pattern: Increases blade rigidity to resist blade buckling



THE TORCH™ BI-METAL SAWZALL® BLADES

THE TUNGH DI-METAL SAWZALL DLADES									
TPI	Length	Material	5 Pack	25 Pack	Bulk 10	Bulk 25	Bulk 100		
10	6"	30 3 0	48-00-5712	48-00-8712	-	48-01-2712	48-01-7712		
10	9"	80	48-00-5713	48-00-8713	48-01-2703	48-01-2713	48-01-7713		
10	12"	80	48-00-5714	-	-	48-01-2714	-		
14	6"	4	48-00-5782	48-00-8782	48-01-2762	48-01-2782	48-01-7782		



THE TORCH™ BI-METAL SAWZALL® BLADES

	THE FORMUL DE METAL DEPOLO							
TPI	Length	Material	5 Pack	25 Pack	Bulk 10	Bulk 25	Bulk 100	
14	9"	4	48-00-5787	48-00-8787	48-01-2767	48-01-2787	48-01-7787	
14	12"	40 J	48-00-5794	-	-	48-01-2794	-	
18	6"	**	48-00-5784	48-00-8784	48-01-2764	48-01-2784	48-01-7784	
18	9"	**	48-00-5788	48-00-8788	48-01-2768	48-01-2788	48-01-7788	
18	12"	**	48-00-5789	48-00-8789	48-01-2769	48-01-2789	48-01-7789	
24	6"	99	48-00-5786	-	-	-	-	
24	9"	99	48-00-5790	-	-	-	-	
24	12"	30	48-00-5791	-	-	-	-	

STANDARD METAL CUTTING SAWZALL® BLADES

FEATURES

- 3X Longer life
- TOUGH NECK™ Ribs: Strengthen the blade tang and minimize breakage
- For fast flexible cuts



STANDARD METAL CUTTING SAWZALL® BLADES

TPI	Length	Material	5 Pack	25 Pack	50 Pack	Bulk 10	Bulk 25	Bulk 100
10	4"	ao 🖜	48-00-5090	-	-	-	-	-
10	6"	**************************************	48-00-5092	-	-	-	-	48-01-7092
14	4"	4	48-00-5181	-	-	-	-	-
14	6"	40 J	48-00-5182	48-00-8182	48-01-6182	48-01-2162	48-01-2182	48-01-7182
14	9"	40 J	48-00-5187	-	48-01-6187	48-01-2167	48-01-2187	48-01-7187
18	4"	**	48-00-5183	-	-	-	-	-
18	6"	**	48-00-5184	48-00-8184	48-01-6184	48-01-2164	48-01-2184	48-01-7184
18	9"	**	48-00-5188	-	48-01-6188	48-01-2168	48-01-2188	48-01-7188
18	12"	**	48-00-5189	-	48-01-6189	48-01-2169	-	48-01-7189
24	4"	99	48-00-5185	-	-	-	-	-
24	6"	99	48-00-5186	48-00-8186	48-01-6186	-	48-01-2186	48-01-7186



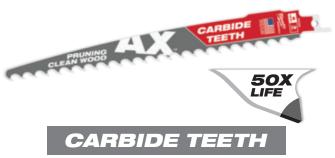


WOOD CUTTING

THE AX™ w/ CARBIDE TEETH SAWZALL® BLADES FOR CLEAN WOOD & PRUNING

FEATURES

- 3 TPI Design: The fastest cuts in clean wood
- Low Blade Profile: Designed for root removal
- Durable Carbide Blend: Withstands abrasive materials



THE AX™ w/ CARBIDE TEETH SAWZALL® BLADES FOR CLEAN WOOD & PRUNING

TPI	Length	Material	1 Pack	3 Pack
3	6"	M 🗂 🖊	48-00-5231	48-00-5331
3	9"	M 🗐 🖊	48-00-5232	48-00-5332
3	12"	M 🗂 🖊	48-00-5233	48-00-5333

THE AX™ w/ CARBIDE TEETH SAWZALL® BLADES FOR NAIL EMBEDDED WOOD

FEATURES

- FANG TIP™ Design: Faster plunge cutting
- Cuts wood, nails, screws, shingles, plaster, durock and more
- 5 TPI: Fast, aggressive cuts





THE $\mathbf{A}\mathbf{X}^{\mathsf{TM}}$ w/ carbide teeth sawzall® blades for nail embedded wood

TPI	Length	Material	1 Pack	3 Pack	5 Pack	25 Pack
5	6"		48-00-5221	48-00-5321	48-00-5521	-
5	9"		48-00-5226	48-00-5326	48-00-5526	48-00-8526
5	12"		48-00-5227	48-00-5327	48-00-5527	-



THE AX™ BI-METAL SAWZALL® BLADES

FEATURES

- NAIL GUARD™: Ordinary teeth deliver either speed or durability. NAIL GUARD™ solves this trade-off with an aggressive 5 TPI pattern for faster cuts and a unique design that protects against tooth fracture
- FANG TIP™: Ordinary tips bounce or skate on the work piece.
 FANG TIP™ bites into the wood on first contact
- Thicker, more rigid blade body resists fracturing and bending: Maximum durability and up to 5X longer life than standard bi-metal blades



THE AX™ BI-METAL SAWZALL® BLADES

TPI	Length	Material	5 Pack	25 Pack	Bulk 10	Bulk 25	Bulk 100
5	6"		48-00-5021	48-00-8021	48-01-2001	48-01-2021	48-01-7021
5	9"	1	48-00-5026	48-00-8026	48-01-2006	48-01-2026	48-01-7026
5	12"	1	48-00-5027	48-00-8027	48-01-2007	48-01-2027	48-01-7027

STANDARD WOOD CUTTING SAWZALL® BLADES

FEATURES

- NAIL GUARD™: Ordinary teeth deliver either speed or durability. NAIL GUARD™ solves this trade-off with an aggressive 5 TPI pattern for faster cuts and a unique design that protects against tooth fracture
- FANG TIP™: Ordinary tips bounce or skate on the work piece. FANG TIP™ bites into the wood on first contact
- For fast flexible cuts



STANDARD WOOD CUTTING SAWZALL® BLADES

TPI	Length	Material	5 Pack	25 Pack	50 Pack	Bulk 10	Bulk 25	Bulk 100
5	6"	1	48-00-5035	-	48-01-6035	48-01-2015	48-01-2035	48-01-7035
5	9"	1	48-00-5036	48-00-8036	48-01-6036	48-01-2016	48-01-2036	48-01-7036
5	12"	1	48-00-5037	-	48-01-6037	48-01-2017	48-01-2037	48-01-7037



MULTI-MATERIAL

THE WRECKER™ w/ CARBIDE TEETH SAWZALL® BLADES

FEATURES

- Aggressive 6 TPI: Fast demolition
- Ability to cut clean wood to thick metals
- FANG TIP[™] Design: Faster plunge cutting



CARBIDE TEETH

THE WRECKER™ w/ CARBIDE TEETH SAWZALL® BLADES

TPI	Length	Material	1 Pack	3 Pack	5 Pack
6	6"		48-00-5241	48-00-5341	48-00-5541
6	9"	1 4 1	48-00-5242	48-00-5342	48-00-5542
6	12"	I 4 II	48-00-5243	48-00-5343	48-00-5543

THE WRECKER™ BI-METAL SAWZALL® BLADES

FEATURES

- A Precise Manufacturing Process: Creates a sharper cutting edge on each tooth for a faster cutting blade
- 7/11 TPI Tooth Design: Material versatility and up to 5X longer life versus standard bi-metal blades
- A Thicker, More Rigid Blade Body: Resists fracturing and bending for maximum durability



THE WRECKER™ BI-METAL SAWZALL® BLADES

TPI	Length	Material	5 Pack	25 Pack	10 Pack	Bulk 100
7/11	6"	1 4 1	48-00-5701	48-00-8701	48-01-2706	48-01-7701
7/11	9"		48-00-5706	48-00-8706	48-01-2702	48-01-7706
7/11	12"	# 4 I	48-00-5711	48-00-8711	48-01-2711	48-01-7711



STANDARD MULTI-MATERIAL SAWZALL® BLADES

FEATURES

- 3X Longer life
- Fast flexible cuts
- Optimized Blade Width: Material versatility





STANDARD MULTI-MATERIAL SAWZALL® BLADES

TPI	Length	Material	5 Pack	25 Pack	50 Pack	Bulk 10	Bulk 25	Bulk 100
8/12	6"	1 4 1	48-00-5091	-	48-01-6091	-	-	48-01-7091
8/12	8"	₩ � ¥	48-00-5093	48-00-8093	48-01-6093	48-01-2073	48-01-2093	48-01-7093
8/12	12"	# 4 #	48-00-5094	-	48-01-6094	-	48-01-2094	-
10/14	8"	# 4 #	48-00-5193	-	-	-	-	-
10/14	12"	# 4 I	48-00-5194	-	-	-	-	-

SAWZALL® BLADE SETS

	SAWZALL® BLADE SET	S		
	ı	Description	Includes	Part No.
	SAWZALL® w/ Carbide Teeth Blade Set		(2) 9" 5 TPI THE AX" w/ Carbide Teeth SAWZALL® Blades (1) 9" 7 TPI THE TORCH™ w/ Carbide Teeth SAWZALL® Blade (2) 6" 7 TPI THE TORCH™ w/ Carbide Teeth SAWZALL® Blades	49-22-5505
			(1) 9" 5 TPI Wood THE AX™ SAWZALL® Blade (1) 9" 7/11 TPI Multi-Material THE WRECKER™ SAWZALL® Blade (1) 6" 14 TPI Metal THE TORCH™ SAWZALL® Blade (1) 6" 18 TPI Metal THE TORCH™ SAWZALL® Blade (1) 9" 14 TPI Metal THE TORCH™ SAWZALL® Blade	49-22-1105
		10 PC SAWZALL® Blade Set	(3) 6" 14 TPI Metal SAWZALL® Blades (3) 6" 24 TPI Metal SAWZALL® Blades (2) 6" 5 TPI Wood SAWZALL® Blades (1) 9" 5 TPI Wood SAWZALL® Blade (1) 9" 18 TPI Metal SAWZALL® Blade	49-22-1110
		12 PC SAWZALL® Demolition Blade Set	(4) 6" 18 TPI Metal THE TORCH™ SAWZALL® Blades (2) 6" 7/11 TPI Multi-Material THE WRECKER™ SAWZALL® Blades (2) 6" 5 TPI Wood THE AX™ SAWZALL® Blades (2) 9" 5 TPI Wood THE AX™ SAWZALL® Blades (2) 9" 14 TPI Metal THE TORCH™ SAWZALL® Blades	49-22-1129
		16 PC SAWZALL® Metal Cutting Blade Set	(2) 6" 14 TPI Metal THE TORCH™ SAWZALL® Blades (2) 6" 18 TPI Metal THE TORCH™ SAWZALL® Blades (2) 9" 14 TPI Metal THE TORCH™ SAWZALL® Blades (2) 9" 18 TPI Metal THE TORCH™ SAWZALL® Blades (2) 9" 18 TPI Metal SAWZALL® Blades (3) 6" 18 TPI Metal SAWZALL® Blades (3) 6" 24 TPI Metal SAWZALL® Blades	49-22-1216

SAWZALL® BLADE SETS

Description		Includes	Part No.
	32 PC SAWZALL® Blade Set	(4) 9" 5 TPI Wood THE AX™ SAWZALL® Blades (4) 9" 7/11 TPI Multi-Material THE WRECKER™ SAWZALL® Blades (4) 9" 10 TPI Metal THE TORCH™ SAWZALL® Blades (4) 9" 18 TPI Metal THE TORCH™ SAWZALL® Blades (4) 9" 5 TPI Wood SAWZALL® Blades (4) 8" 8/12 TPI Multi-Material SAWZALL® Blades (4) 6" 24 TPI Metal SAWZALL® Blades (4) 6" 24 TPI Metal SAWZALL® Blades	49-22-1132
	3 PC Material Removal Set	(1) 1-1/2" Scraper Blade (1) 3" Scraper Blade (1) Grout Removal Tool	49-22-5403

SPECIALTY SAWZALL® BLADES

SPECIALTY SAWZALL® BLADES

Description	5 Pack	1 Pack	Bulk 100
9" 5 TPI Pruning SAWZALL® Blade	48-00-1301	48-00-1304	-
12" 5 TPI Pruning SAWZALL® Blade	48-00-1303	48-00-1305	-
6" 6 TPI Clean Wood SAWZALL® Blade	48-00-5015	-	48-01-7015
9" 6 TPI Clean Wood SAWZALL® Blade	48-00-5016	-	48-01-7016
12" 6 TPI Clean Wood SAWZALL® Blade	48-00-5017	-	-
3-5/8" 10 TPI Metal Scroll SAWZALL® Blade	48-00-5161	-	-
3-5/8" 14 TPI Metal Scroll SAWZALL® Blade	48-00-5162	-	-
3-5/8" 18 TPI Metal Scroll SAWZALL® Blade	48-00-5163	-	-
5" 6 TPI Plaster SAWZALL® Blade	48-00-5052	-	-
6" 4/6 TPI Wood Scroll SAWZALL® Blade	48-00-5041	-	-
6" DIAMOND MAX™ SAWZALL® Blade	_	48-00-1440	-
9" DIAMOND MAX™ SAWZALL® Blade	_	48-00-1450	-
Drywall Access SAWZALL® Blade	_	48-00-1640	-
Ductwork SAWZALL® Blade	48-00-1630	-	-
Flush Cut SAWZALL® Blade	_	48-00-1600	-
Rough-In SAWZALL® Blade	48-00-1610	-	-





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UTILITY & HACKZALL® BLADES

UTILITY RECIPROCATING SAW BLADES

Description	1 Pack	Bulk 5
1-1/2" Scraper Blade	49-00-5463	49-01-5463
3" Scraper Blade	49-00-5456	49-01-5456
5" Scraper Blade	49-00-5455	-
Grout Removal Tool	49-00-5450	-

HACKZALL® BLADES

INCILALL DEADLO		
Description	3 Pack	5 Pack
4" 6 TPI Wood HACKZALL® Blades	-	49-00-5460
3-1/2" 10 TPI Wood Scrolling HACKZALL® Blades	-	49-00-5310
3-1/2" 24 TPI Metal Scrolling HACKZALL® Blades	-	49-00-5324
4" Grit Fiberglass HACKZALL® Blades	49-00-5400	-
4" 10 TPI Multi-Material HACKZALL® Blades	-	49-00-5410
4" 14 TPI PVC HACKZALL® Blades	-	49-00-5414
6" 14 TPI PVC HACKZALL® Blades	-	49-00-5614
4" 18 TPI EMT HACKZALL® Blades	-	49-00-5418
4" 24 TPI Duct HACKZALL® Blades	-	49-00-5424
4" 6 TPI Plaster & Drywall HACKZALL® Blades	-	49-00-5461

JIG SAW BLADES

OVERVIEW

Get professional-grade performance and longer blade life with MILWAUKEE® Jig Saw Blades. With MILWAUKEE's attention to blade material, tooth shape and sharpness, these jig saw blades produce clean, fast cuts in wood, metal and other materials. MILWAUKEE's line of over 45 different products includes both T-Shank and U-Shank blades.

WOOD CUTTING JIG SAW BLADES

FEATURES

- Heavy Duty: Advanced construction for long life in tough professional applications
 - Fast Cuts: Tooth shape and sharpness permit quick, straight cutting in wood



WOOD CUTTING JIG SAW BLADES

WOOD GOTTING JIG SAW BLADES							
Shank	TPI	Length	Composition	Quantity	Part No.		
T-Shank	6	4"	Bi-Metal	5 Pack	48-42-5302		
T-Shank	6	4"	High-Carbon Steel	5 Pack	48-42-5512		
T-Shank	6	4"	High-Carbon Steel	5 Pack	48-42-5421		
T-Shank	6	4"	High-Carbon Steel	5 Pack	48-42-5500		
T-Shank	8	4"	High-Carbon Steel	5 Pack	48-42-5220		
T-Shank	10	4"	Bi-Metal	5 Pack	48-42-5311		
T-Shank	10	4"	High-Carbon Steel	5 Pack	48-42-5240		
T-Shank	10	4"	High-Carbon Steel	5 Pack	48-42-5540		
T-Shank	12	3"	High-Carbon Steel	5 Pack	48-42-5640		
T-Shank	20	3"	Bi-Metal	5 Pack	48-42-5385		

Shank	TPI	Length	Composition	Quantity	Part No.
U-Shank	6	4"	Bi-Metal	5 Pack	48-42-2302
U-Shank	6	4"	High-Carbon Steel	5 Pack	48-42-0421
U-Shank	6	4"	High-Carbon Steel	5 Pack	48-42-0500
U-Shank	8	3-1/8"	High-Carbon Steel	5 Pack	48-42-0240
U-Shank	8	4"	High-Carbon Steel	5 Pack	48-42-0220
U-Shank	10	4"	Bi-Metal	5 Pack	48-42-2311
U-Shank	10	3-5/8"	High-Carbon Steel	5 Pack	48-42-0540
U-Shank	10	4"	High-Carbon Steel	5 Pack	48-42-0640
U-Shank	12	2-3/4"	High-Carbon Steel	5 Pack	48-42-0650

GENERAL PURPOSE JIG SAW BLADES

FEATURES

- Heavy Duty: Advanced construction for long life in tough professional applications
- Fast Cuts: Tooth shape and durability allow for smooth, clean cuts in wood, metal and other materials



GENERAL PURPOSE JIG SAW BLADES

Shank	TPI	Length	Composition	Quantity	Part No.
T-Shank	6	4"	Bi-Metal	5 Pack	48-42-5300
T-Shank	6	4"	High-Carbon Steel	5 Pack	48-42-5200
T-Shank	10	4"	Bi-Metal	5 Pack	48-42-5310
T-Shank	12	3"	Bi-Metal	5 Pack	48-42-5390

Shank	TPI	Length	Composition	Quantity	Part No.
U-Shank	6	4"	Bi-Metal	5 Pack	48-42-2300
U-Shank	6	4"	High-Carbon Steel	5 Pack	48-42-0200
U-Shank	10	4-1/8"	Bi-Metal	5 Pack	48-42-2310
U-shank	20	2-3/4"	Bi-Metal	5 Pack	48-42-2385

METAL CUTTING JIG SAW BLADES

FEATURES

- Heavy Duty: Advanced construction for long life in tough professional applications
- Fast Cuts: Tooth shape and sharpness permit quick shearing through metal



METAL CUTTING JIG SAW BLADES

Shank	TPI	Length	Composition	Quantity	Part No.
T-Shank	8	4"	Bi-Metal	5 Pack	48-42-5850
T-Shank	14	3"	Bi-Metal	5 Pack	48-42-5190
T-Shank	14	3"	High Speed Steel	5 Pack	48-42-5101
T-Shank	14	5-1/4"	Bi-Metal	5 Pack	48-42-5192
T-Shank	18	3"	Bi-Metal	5 Pack	48-42-5121
T-Shank	24	3"	Bi-Metal	5 Pack	48-42-5161
T-Shank	24	5-1/4"	Bi-Metal	5 Pack	48-42-5166
U-Shank	8	4"	Bi-Metal	5 Pack	48-42-0850

Shank	TPI	Length	Composition	Quantity	Part No.
U-Shank	14	3-5/8"	Bi-Metal	5 Pack	48-42-2190
U-Shank	14	5"	Bi-Metal	5 Pack	48-42-2192
U-Shank	14	2-3/4"	High Speed Steel	5 Pack	48-42-0101
U-Shank	18	2-3/4"	Bi-Metal	5 Pack	48-42-2120
U-Shank	18	2-3/4"	High Speed Steel	5 Pack	48-42-0120
U-Shank	24	2-3/4"	Bi-Metal	5 Pack	48-42-2160
U-Shank	24	5"	Bi-Metal	5 Pack	48-42-2166
U-Shank	24	2-3/4"	High Speed Steel	5 Pack	48-42-0140

SPECIALTY JIG SAW PRODUCTS

SPECIALTY JIG SAW PRODUCTS

Description	Part No.
2-3/4" Carbide Grit Jig Saw Blade (5 Pk)	48-42-0801
T-Shank Wood and Metal Assortment (5 Pk)	49-22-1178
U-Shank Wood and Metal Assortment (5 Pk)	49-22-1168

Description	Part No.
Anti-Splintering Device	48-08-0530
Plastic Shoe Cover	48-08-0533
Vacuum Manifold and Hose	48-09-1040



CIRCULAR SAW BLADES

WOOD CUTTING CIRCULAR SAW BLADES

OVERVIEW

MILWAUKEE® Circular Saw Blades provide longer life, increased accuracy and cooler cuts in wood cutting applications. The blades are designed utilizing application-specific Cobalt Infused Tungsten Carbide to extend cutting life and maintain tip sharpness. The blades feature Laser Cut Vibration Slots to reduce wobble and warping. With an Anti-Friction Coating, the blades resist corrosion and gumming. MILWAUKEE's Circular Saw Blades are optimized for cordless and corded performance.

FEATURES

- Cobalt Infused Tungsten Carbide: Extends cutting life and maintains tip sharpness
- Anti-Friction Coating: Provides cooler cuts
- Laser Cut Vibration Slots: Increase blade accuracy and prevent wobble and warping





WOOD CUTTING CIRCULAR SAW BLADES

Diameter	No. of Teeth	Application	Hook Angle	Kerf Thickness (mm)	Arbor Size	Part No.	Bulk 10
5-3/8"	16	Framing	15°	0.063	10 mm	48-40-0522	-
5-3/8"	36	Finish	15°	0.063	10 mm	48-40-0524	-
5-1/2"	18	Framing	18°	0.063	10 mm	48-40-0520	-
6-1/2"	24	Framing	18°	0.063	5/8", 🔷	48-40-0620	48-41-0620
6-1/2"	40	Finish	15°	0.063	5/8", 🔷	48-40-0622	-
7-1/4"	24	Framing	20°	0.063	5/8", 🔷	-	48-41-0710
7-1/4"	24	Framing	20°	0.063	5/8", 🔷	-	48-41-0713
7-1/4"	24	Framing	18°	0.063	5/8", 🔷	48-40-0720	48-41-0720
7-1/4"	24	Framing	18°	0.063	5/8", 🔷	-	48-41-0723
7-1/4"	40	Finish	15°	0.063	5/8", 🔷	48-40-0726	48-41-0726
7-1/4"	60	Finish	15°	0.063	5/8", 🔷	48-40-0730	48-41-0730
8-1/4"	24	Framing	18°	0.083	5/8", 🔷	48-40-0820	-
8-1/4"	40	Finish	15°	0.083	5/8", 🔷	48-40-0822	-
8-1/4"	60	Finish	12°	0.094	5/8"	48-40-0826	-
8-1/2"	40	General Purpose	15°	0.094	5/8"	48-40-0824	-
10"	24	Ripping	22°	0.094	5/8"	48-40-1020	-
10"	40	General Purpose	15°	0.094	5/8"	48-40-1024	-



Diameter	No. of Teeth	Application	Hook Angle	Kerf Thickness (mm)	Arbor Size	Part No.	Bulk 10
10"	50	Combination	12°	0.094	5/8"	48-40-1026	-
10"	60	Finish	12°	0.094	5/8"	48-40-1028	-
10"	80	Finish	12°	0.094	5/8"	48-40-1032	-
10"	40 & 60	General Purpose/Finish	15° & 12°	0.094 & 0.094	5/8"	48-40-1036	-
10-1/4"	28	Framing	18°	0.102	5/8"	48-40-1038	-
10-1/4"	40	Finish	12°	0.102	5/8"	48-40-1040	-
12"	44	General Purpose	15°	0.118	1"	48-40-1220	-
12"	60	Combination	12°	0.118	1"	48-40-1222	-
12"	80	Finish	12°	0.118	1"	48-40-1224	-
12"	100	Finish	12°	0.118	1"	48-40-1228	-
12"	44 & 80	General Purpose/Finish	15° & 12°	0.118 & 0.118	1"	48-40-1232	-

METAL CUTTING CIRCULAR SAW BLADES

OVERVIEW

MILWAUKEE® Metal Cutting Circular Saw Blades were specifically designed to exceed contractors expectations for blade life, cut quality and speed in the most demanding metal cutting applications – without a lubricant. A hand-tensioned, hardened alloy steel body minimizes vibration to extend blade life and delivers the highest quality cuts available. Carbide teeth shear through metal leaving burr-free, cool-to-touch cuts.

FEATURES

- Dry: No lubricant required, saving time and money with less mess
- Cool: No extreme heat buildup preserves blade life and allows handling the work piece immediately
- Clean: No burrs eliminates secondary operations, saving time and money



CARBIDE TEETH

METAL CUTTING CIRCULAR SAW BLADES

	Diameter	No. of Teeth	Application	Hook Angle	Kerf Thickness	Arbor	Part No.
)	5-3/8"	30	Metal and Stainless	0°	0.063"	20 mm	48-40-4070
	5-3/8"	30	Metal and Stainless	0°	0.063"	5/8"	48-40-4205
	5-7/8"	34	Metal	2°	0.063"	20 mm	48-40-4215
	6-1/2"	48	Metal	2°	0.063"	5/8"	48-40-4220
	6-7/8"	36	Metal	2°	0.063"	20 mm	48-40-4225
	7	40	Metal	2°	0.071"	20 mm	48-40-4230
	7-1/4"	48	Metal	2°	0.071"	5/8"	48-40-4235

Diameter	No. of Teeth	Application	Hook Angle	Kerf Thickness	Arbor	Part No.
7-1/4"	48	Metal	2°	0.071"	20 mm	48-40-4237
7-1/4"	70	Thin Metal	-5°	0.071"	5/8"	48-40-4240
8"	42	Metal and Stainless	0°	0.073"	5/8"	48-40-4515
8"	50	Thin Metal and Stainless	0°	0.073"	5/8"	48-40-4520
9"	48	Metal	0°	0.071"	1"	48-40-4255
10"	50	Metal	0°	0.079"	5/8"	48-40-4260
12"	60	Metal	0°	0.087"	1"	48-40-4265



METAL CUTTING CIRCULAR SAW BLADES

Diameter	No. of Teeth	Application	Hook Angle	Kerf Thickness	Arbor	Part No.
14"	72	Metal and Stainless	0°	0.087"	1"	48-40-4505
14"	90	Thin Metal	10°	0.087"	1"	48-40-4510
5-3/8"	50	Aluminum	-5°	0.063"	20 mm	48-40-4075
5-7/8"	50	Aluminum	-5°	0.071"	20 mm	48-40-4315
6-1/2"	54	Aluminum	-5°	0.071"	5/8"	48-40-4320
7"	54	Aluminum	-5°	0.079"	20 mm	48-40-4330

Diameter	No. of Teeth	Application	Hook Angle	Kerf Thickness	Arbor	Part No.
7-1/4"	56	Aluminum	-6°	0.079"	5/8"	48-40-4335
8"	58	Aluminum	-6°	0.094"	5/8"	48-40-4345
9"	72	Aluminum	-6°	0.094"	1"	48-40-4355
10"	72	Aluminum	-6°	0.110"	5/8"	48-40-4360
12"	80	Aluminum	-6°	0.118"	1"	48-40-4365
14"	80	Aluminum	-6°	0.126"	1"	48-40-4370

FIBER CEMENT CUTTING CIRCULAR SAW BLADES

OVERVIEW

MILWAUKEE® Fiber Cement Circular Saw Blades provide up to 75X longer life, increased accuracy and cooler cuts in fiber cement applications. The blades are designed utilizing Polycrystalline Diamond Teeth to extend cutting life in fiber cement material. The blades feature Laser Cut Vibration Slots to reduce wobble and warping. With an Anti-Friction Coating, the blades resist corrosion and gumming. MILWAUKEE's Circular Saw Blades are optimized for cordless and corded performance.

FEATURES

- Polycrystalline Diamond Teeth: Extend cutting life in fiber cement up to 75X longer
- Anti-Friction Coating: Provides cooler cuts
- Laser Cut Vibration Slots: Increase blade accuracy and prevent wobble and warping





FIBER CEMENT CUTTING CIRCULAR SAW BLADES

Diameter	No. of Teeth	Application	Hook Angle	Kerf Thickness (mm)	Arbor Size	Part No.
7-1/4"	4T	Fiber Cement	10°	0.071	5/8", 🔷	48-40-7000
10"	6T	Fiber Cement	10°	0.079	5/8"	48-40-7010
12"	8T	Fiber Cement	10°	0.087	1"	48-40-7020

CIRCULAR SAW ACCESSORIES

CIRCULAR SAW ACCESSORIES

Description	Part No.
Dust Collection Kit	49-22-8105
Extension Kit	49-22-8108
Hold Down Bar Kit	49-22-8100
Mid-Way Fence Kit	49-22-8110

Description	Part No.
Quick Stop Gauging Kit	49-22-8102
Riser Support	48-08-0360
Tool Stand	48-08-0350

Description	Part No.
Wedge Clamps	48-08-0380
Wheel Kit	49-22-8106
Work Center	48-08-0450

OSCILLATING MULTI-TOOL BLADES & ACCESSORIES

OVERVIEW

MILWAUKEE® Oscillating Multi-Tool Accessories provide a complete solution for cutting, scraping, sanding and grinding across a wide range of materials and applications. Equipped with an OPEN-LOK™ Universal blade anchor for quick blade changes. Made with high quality materials and advanced manufacturing processes to deliver professional grade performance and market leading innovation.

TITANIUM ENHANCED™ CARBIDE TEETH BLADES

FEATURES

- TITANIUM ENHANCED™ Carbide Teeth: Up to 50X Longer Life
 - Extreme Metal Blade: Cuts through screws, bolts, hard metal, cement board, plaster and more
 - Extreme Materials Blade: Fast cuts through wood with screws, nails, cement board, plaster, copper and more
- Universal Fit, OPEN-LOK™ Anchor: Raised for easy flush cuts and quick blade changes





TITANIUM ENHANCED

> TITANIUM ENHANCED

TITANIUM ENHANCED™ CARBIDE TEETH BLADES

Description	Materials	1 Pack	2 Pack	3 Pack	5 Pack
1-3/8" TITANIUM ENHANCED™ Carbide Teeth Extreme Metal Blade	1 30 0	49-25-1501	49-25-1502	49-25-1503	49-25-1505
1-3/8" TITANIUM ENHANCED™ Carbide Teeth Extreme Materials Blade		49-25-1521	49-25-1522	49-25-1523	49-25-1525

TITANIUM ENHANCED™ BI-METAL BLADES

FEATURES

- TITANIUM ENHANCED™ Bi-Metal: Up to 15X Longer Life
- Cut-away Blade Body Shape: Easier plunge cuts
- Universal Fit, OPEN-LOK™ Anchor: Raised for easy flush cuts and quick blade changes



15X LONGER LIFE

TITANIUM ENHANCED™ BI-METAL BLADES

Description	Material	1 Pack	3 Pack	10 Pack			
3/8" TITANIUM ENHANCED™ Bi-Metal Multi-Material Blade	U Cu	49-25-1201	-	-			
1-1/4" TITANIUM ENHANCED™ Bi-Metal Multi-Material Deep Plunge Blade	To Cu	49-25-1203	-	-			
1-3/8" TITANIUM ENHANCED™ Bi-Metal Multi-Material Blade	i va	49-25-1231	49-25-1233	49-25-1239			
2-1/2" TITANIUM ENHANCED™ Bi-Metal Multi-Material Blade	🧃 🛶 处 🖷	49-25-1241	49-25-1243	49-25-1249			



TITANIUM ENHANCED™ BI-METAL BLADES

Description	Material	1 Pack	3 Pack	10 Pack
3-1/2" TITANIUM ENHANCED™ Bi-Metal Multi-Material Blade	🧃 😽 🔷 🥛	49-25-1271	-	-
1-1/8" TITANIUM ENHANCED™ Bi-Metal Metal Blade	100	49-25-1251	49-25-1253	49-25-1259
1-3/4" TITANIUM ENHANCED™ Bi-Metal Metal Blade	100	49-25-1261	49-25-1263	49-25-1269

JAPANESE TOOTH HARDWOOD BLADES

FEATURES

- Precision-ground Japanese Teeth: A smooth finish and up to 2X faster cuts
- Pro-Curve Cutting Edge: Greater control and clean cuts
- Universal Fit, OPEN-LOK™ Anchor: Raised for easy flush cuts and quick blade changes





JAPANESE TOOTH HARDWOOD BLADES

Description	Material	1 Pack	3 Pack	10 Pack
1-3/8" Pro-Curve Japanese Tooth Hardwood Blade		49-25-1131	49-25-1133	49-25-1139
2-1/2" Pro-Curve Japanese Tooth Hardwood Blade		49-25-1151	49-25-1153	49-25-1159

WOOD BLADES

FEATURES

- Optimized Teeth: Fast cuts in wood
- Cut-away Blade Body Shape: Easier plunge cuts
- Universal Fit, OPEN-LOK[™] Anchor: Raised for easy flush cuts and quick blade changes



WOOD BLADES

Description	Material	1 Pack	3 Pack	10 Pack
1-3/8" High Carbon Steel Wood Blade		49-25-1101	49-25-1103	49-25-1109
2-1/2" High Carbon Steel Wood Blade		49-25-1111	49-25-1113	49-25-1119
3-1/2" Segmented High Carbon Steel Wood Blade		49-25-1121	-	-



SPECIALTY

FEATURES

- Universal OPEN-LOK[™] Anchor: Quick blade changes
- Laser Etching: Easily identify blade application
- Specialty cutting, scraping, grinding and sanding accessories



SPECIALTY

Description	Material	1 Pack	2 Pack	5 Pack	6 Pack	10 Pack	25 Pack
5 IN 1 Drywall Blade		49-25-2281	-	-	-	-	-
2 IN 1 Carbide Grit Grout & Mortar Blade	4	49-25-2261	-	-	-	-	-
Boot Shaped Diamond Grit Grout Blade	H	49-25-2271	-	-	-	-	-
3 IN 1 Multi-Cutter Blade	*	49-25-2221	-	-	-	-	-
2 PC Flexible & Rigid Scraper Blade Combo Pack	₹ 🗓 📂	-	49-25-2202	-	-	-	-
Window Sealant Cutters	<u> </u>	-	-	49-25-2222	-	-	-
Straight Sealant Cutters	N	-	-	49-25-2231	-	-	-
Tapered Sealant Cutters	<u>\</u>	-	-	49-25-2241	-	-	-
3-1/2" Triangle Sanding Pad	I	49-25-2001	-	-	-	-	-
10 PC 3-1/2" Triangle Sanding Pad & Sandpaper	I	-	-	-	-	49-25-2009	-
25 PC 3-1/2" Sandpaper Assortment	I	-	-	-	-	-	49-25-202
60 Grit Sandpaper	I	-	-	-	49-25-2060	-	-
80 Grit Sandpaper	I	-	-	-	49-25-2080	-	-
120 Grit Sandpaper	I	-	-	-	49-25-2120	-	-
180 Grit Sandpaper	I	-	-	-	49-25-2180	-	-
240 Grit Sandpaper	I	-	-	-	49-25-2240	-	-
Multi-Tool Blade Adapter for Dremel® model MM50 only	-	-	-	49-10-9000	-	-	-
Multi-Tool Dust Extraction Attachment	-	49-90-2420	-	-	-	-	-
Multi-Tool Depth Stop	-	49-90-2430	-	-	-	-	_



BLADE SETS & VARIETY PACKS

BLADE SETS & VARIETY PACKS

	Description	Includes	Part No.
	3 PC TITANIUM ENHANCED™ All Purpose Pro Blade Set	(1) 1-3/8" TITANIUM ENHANCED™ Carbide Teeth Extreme Metal Blade (1) 1-3/8" TITANIUM ENHANCED™ Bi-Metal Multi-Material Blade (1) 1-3/8" Pro-Curve Japanese Tooth Hardwood Blade	49-10-9001
	3 PC TITANIUM ENHANCED™ Multi-Material Variety Pack	(1) 1-3/8" TITANIUM ENHANCED™ Carbide Teeth Extreme Multi-Material Blade (1) 1-3/8" TITANIUM ENHANCED™ Bi-Metal Multi-Material Blade (1) 2-1/2" TITANIUM ENHANCED™ Bi-Metal Multi-Material Blade	49-10-9005
	3 PC TITANIUM ENHANCED™ Metal Variety Pack	(1) 1-3/8" TITANIUM ENHANCED™ Carbide Teeth Extreme Metal Blade (1) 1-1/8" TITANIUM ENHANCED™ Bi-Metal Metal Blade (1) 1-3/4" TITANIUM ENHANCED™ Bi-Metal Metal Blade	49-10-9006
	3 PC High Carbon Steel Wood Variety Pack	(1) 1-3/8" High Carbon Steel Wood Blade (1) 2-1/2" High Carbon Steel Wood Blade (1) 3-1/2" Segmented High Carbon Steel Wood Blade	49-10-9004
	6 PC Multi-Tool Blade Kit w/ Case	(2) 1-3/8" TITANIUM ENHANCED™ Bi-Metal Multi-Material Blades (1) 2-1/2" TITANIUM ENHANCED™ Bi-Metal Multi-Material Blade (2) 1-3/8" Pro-Curve Japanese Tooth Hardwood Blades (1) 1-3/8" High Carbon Steel Wood Blade (1) Hard Case	49-10-9112
THEIT	9 PC Multi-Tool Blade Kit w/ Case	(1) 1-3/8" TITANIUM ENHANCED™ Carbide Teeth Extreme Metal Blade (2) 1-3/8" TITANIUM ENHANCED™ Bi-Metal Multi-Material Blades (1) 2-1/2" TITANIUM ENHANCED™ Bi-Metal Multi-Material Blade (1) 3-1/2" Segmented TITANIUM ENHANCED™ Bi-Metal Multi-Material Blade (2) 1-3/8" Pro-Curve Japanese Tooth Hardwood Blades (2) 1-3/8" High Carbon Steel Wood Blades (1) Hard Case	49-10-9113
***	Customizable Hard Case	(6) Interchangeable Pegs (1) Hard Case	49-10-0001

CONCRETE DRILLING & CHISELING

SDS PLUS

MX4™ 4-CUTTER SDS PLUS BITS

OVERVIEW

Our MX4™ 4-Cutter SDS PLUS Rotary Hammer Drill Bits with solid head carbide deliver up to 5X longer life in concrete with rebar. Engineered with rebar guards to provide maximum durability in hard aggregate and rebar. We designed our MX4™ 4-Cutter bits with sharp centering tips for exact spot drilling in concrete and metal decking. 4-cutter design prevents lock-up in rebar, reducing downtime. Variable flutes remove dust faster, reducing heat and delivering up to 20% more holes per battery charge. The wear mark indicator on each drill bit shows you when they no longer meet the ANSI requirement. These MILWAUKEE® MX4™ 4-Cutter Drill Bits are ideal for concrete with rebar and masonry applications. Choose from single bits, bulk packs or drill bit kits in a variety of sizes.

FEATURES

- Solid Head Carbide: Delivers up to 5X longer life in concrete with rebar
- Rebar Guards: Maximum durability in hard aggregate and rebar
- Sharp Centering Tip: Exact spot drilling in concrete and metal decking

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MX4[™] 4-CUTTER SDS PLUS BITS

	Diameter	Usable Length	Length	1 Pack	Bulk	Monster Pack
	5/32"	4"	6"	48-20-7308	-	-
	3/16"	2"	4"	48-20-7310	48-20-7910 (15 pk)	-
	3/16"	4"	6"	48-20-7311	48-20-7911 (15 pk)	48-20-7990 (100 pk)
	3/16"	6"	8"	48-20-7312	48-20-7912 (15 pk)	-
	3/16"	8"	10"	48-20-7313	-	-
	3/16"	10"	12"	48-20-7314	-	-
	1/4"	2"	4"	48-20-7330	48-20-7930 (15 pk)	-
	1/4"	4"	6"	48-20-7331	48-20-7931 (15 pk)	48-20-7994 (100 pk)
١	1/4"	6"	8"	48-20-7332	48-20-7932 (15 pk)	-
1	1/4"	8"	10"	48-20-7334	-	-
	1/4"	10"	12"	48-20-7335	-	-
	5/16"	4"	6"	48-20-7341	48-20-7941 (15 pk)	-
	5/16"	10"	12"	48-20-7344	-	-

Diameter	Usable Length	Length	1 Pack	Bulk
3/8"	4"	6"	48-20-7351	48-20-7951 (10 pk)
3/8"	10"	12"	48-20-7354	48-20-7954 (10 pk)
3/8"	16"	18"	48-20-7357	-
7/16"	4"	6"	48-20-7361	-
7/16"	10"	12"	48-20-7364	-
1/2"	4"	6"	48-20-7371	48-20-7971 (10 pk)
1/2"	10"	12"	48-20-7374	48-20-7974 (10 pk)
1/2"	16"	18"	48-20-7377	-
9/16"	4"	6"	48-20-7381	-
9/16"	10"	12"	48-20-7384	-
9/16"	16"	18"	48-20-7387	-
5/8"	6"	8"	48-20-7200	-
5/8"	10"	12"	48-20-7203	-





SOLID HEAD

CARBIDE







MX4[™] 4-CUTTER SDS PLUS BITS

MIAT T-0011EN 3D3 1 E03 D113						
Diameter	Usable Length	Length	1 Pack	Bulk		
5/8"	16"	18"	48-20-7206	-		
3/4"	6"	8"	48-20-7210	-		
3/4"	8"	10"	48-20-7212	-		
3/4"	10"	12"	48-20-7215	-		
3/4"	16"	18"	48-20-7220	-		
7/8"	6"	8"	48-20-7225	-		
7/8"	8"	10"	48-20-7228	-		

Diameter	Usable Length	Length	1 Pack	Bulk
7/8"	10"	12"	48-20-7230	-
7/8"	16"	18"	48-20-7236	-
1"	8"	10"	48-20-7240	-
1"	16"	18"	48-20-7246	-
1-1/8"	8"	10"	48-20-7250	-
1-1/8"	16"	18"	48-20-7256	-
1-1/4"	16"	18"	48-20-7266	-



This product complies with ANSI B212.15 standard

M/2™ 2-CUTTER SDS PLUS BITS

OVERVIEW

MILWAUKEE® M/2™ 2-Cutter SDS Plus Rotary Hammer Drill Bits are up to 30% faster with up to 20% more holes per charge in cordless rotary hammers. Breaker point pulverizes the material more effectively, resulting in faster drilling speeds. The variable flute allows for maximum debris extraction, leading to up 20% more holes per charge in cordless rotary hammers while making it a very durable bit in corded and cordless rotary hammers. The enhanced rebar guards provide increased durability in hard aggregate and rebar. Additionally, M/2™ features a centering tip for exact spot drilling, wear mark indicator indicating when the bit no longer meets ANSI diameter requirements and a reinforced flute for durability and minimized vibration. The increased life and efficiency of the M/2™ 2-Cutter drill bit line provides the ideal solution in general concrete for cordless and corded rotary hammer users.

FEATURES

- Enhanced Rebar Guards: Increased durability
- Breaker Points: Faster drilling speeds
- Variable Flutes: Maximum debris extraction













M/2™ 2-CUTTER SDS PLUS BITS

	M/2™ 2-CUTTER SDS PLUS BITS								
Diameter	Usable Length	Length	1 Pack	Bulk	Monster Pack	Diameter			
5/32"	2"	4"	48-20-7400	48-20-7500 (25 pk)	-	3/8"			
5/32"	4"	6"	48-20-7401	48-20-7501 (25 pk)	-	7/16"			
3/16"	2"	4"	48-20-7410	48-20-7510 (25 pk)	48-20-7810 (200 pk)	7/16"			
3/16"	4"	6"	48-20-7411	48-20-7511 (25 pk)	48-20-7811 (200 pk)	7/16"			
3/16"	6"	8"	48-20-7412	48-20-7512 (25 pk)	-	1/2"			
3/16"	8"	10"	48-20-7413	48-20-7513 (25 pk)	-	1/2"			
3/16"	10"	12"	48-20-7414	48-20-7514 (25 pk)	-	1/2"			
3/16"	12"	14"	48-20-7415	48-20-7515 (25 pk)	-	1/2"			
3/16"	14"	16"	48-20-7416	48-20-7516 (25 pk)	-	1/2"			
7/32"	4"	6"	48-20-7421	48-20-7521 (25 pk)	-	9/16"			
7/32"	6"	8"	48-20-7422	48-20-7522 (25 pk)	-	9/16"			
7/32"	8"	10"	48-20-7424	48-20-7524 (25 pk)	-	9/16"			
7/32"	12"	14"	48-20-7425	48-20-7525 (25 pk)	-	5/8"			
7/32"	14"	16"	48-20-7426	48-20-7526 (25 pk)	-	5/8"			
1/4"	2"	4"	48-20-7430	48-20-7530 (25 pk)	48-20-7830 (200 pk)	5/8"			
1/4"	4"	6"	48-20-7431	48-20-7531 (25 pk)	48-20-7831 (200 pk)	5/8"			
1/4"	6"	8"	48-20-7432	48-20-7532 (25 pk)	-	5/8"			
1/4"	8"	10"	48-20-7433	48-20-7533 (25 pk)	-	11/16"			
1/4"	10"	12"	48-20-7434	48-20-7534 (25 pk)	-	3/4"			
1/4"	12"	14"	48-20-7435	48-20-7535 (25 pk)	-	3/4"			
1/4"	14"	16"	48-20-7436	48-20-7536 (25 pk)	-	3/4"			
1/4"	18"	20"	48-20-7438	-	-	3/4"			
5/16"	4"	6"	48-20-7441	48-20-7541 (25 pk)	48-20-7841 (150 pk)	3/4"			
5/16"	10"	12"	48-20-7444	-	-	7/8"			
3/8"	4"	6"	48-20-7451	48-20-7551 (20 pk)	48-20-7851 (125 pk)	7/8"			
3/8"	6"	8"	48-20-7452	-	-	7/8"			
3/8"	8"	10"	48-20-7453	-	-	1"			
3/8"	10"	12"	48-20-7454	48-20-7554 (20 pk)	-	1"			
3/8"	16"	18"	48-20-7457	-	-	ANS			

Diameter	Usable Length	Length	1 Pack	Bulk	Monster Pack
3/8"	22"	24"	48-20-7459	-	-
7/16"	4"	6"	48-20-7461	-	-
7/16"	10"	12"	48-20-7464	-	-
7/16"	16"	18"	48-20-7467	-	-
1/2"	4"	6"	48-20-7471	48-20-7571 (15 pk)	48-20-7871 (100 pk
1/2"	8"	10"	48-20-7473	-	-
1/2"	10"	12"	48-20-7474	48-20-7574 (15 pk)	-
1/2"	16"	18"	48-20-7477	-	-
1/2"	22"	24"	48-20-7479	-	-
9/16"	4"	6"	48-20-7481	-	-
9/16"	10"	12"	48-20-7484	-	-
9/16"	16"	18"	48-20-7487	-	-
5/8"	4"	6"	48-20-7601	-	-
5/8"	6"	8"	48-20-7602	48-20-7702 (10 pk)	-
5/8"	10"	12"	48-20-7604	-	-
5/8"	16"	18"	48-20-7607	-	-
5/8"	22"	24"	48-20-7609	-	-
11/16"	6"	8"	48-20-7058	-	-
3/4"	6"	8"	48-20-7061	-	-
3/4"	8"	10"	48-20-7063	-	-
3/4"	10"	12"	48-20-7065	-	-
3/4"	16"	18"	48-20-7066	-	-
3/4"	22"	24"	48-20-7067	-	-
7/8"	6"	8"	48-20-7071	-	-
7/8"	10"	12"	48-20-7072	-	-
7/8"	16"	18"	48-20-7075	-	-
1"	8"	10"	48-20-7080	-	-
1"	16"	18"	48-20-7085	-	-



This product complies with ANSI B212.15 standard





SDS PLUS DRILL BIT KITS

SDS PLUS DRILL BIT KITS

Description	Includes	Part No.
5 PC SDS Plus MX4™ Kit	(1) 3/16" x 4" MX4™ 4-Cutter SDS Plus Drill Bit (1) 1/4" x 6" MX4™ 4-Cutter SDS Plus Drill Bit (1) 5/16" x 6" MX4™ 4-Cutter SDS Plus Drill Bit (1) 3/8" x 6" MX4™ 4-Cutter SDS Plus Drill Bit (1) 1/2" x 6" MX4™ 4-Cutter SDS Plus Drill Bit	48-20-7498
6 PC SDS Plus MX4 [™] Kit	(1) 3/16" x 6" MX4™ 4-Cutter SDS Plus Drill Bit (1) 1/4" x 6" MX4™ 4-Cutter SDS Plus Drill Bit (1) 5/16" x 6" MX4™ 4-Cutter SDS Plus Drill Bit (1) 3/8" x 6" MX4™ 4-Cutter SDS Plus Drill Bit (1) 1/2" x 6" MX4™ 4-Cutter SDS Plus Drill Bit (1) 5/8" x 8" MX4™ 4-Cutter SDS Plus Drill Bit	48-20-7499
5 PC SDS Plus M/2 [™] Kit	(1) 3/16" x 4" M/2™ 2-Cutter SDS Plus Drill Bit (1) 1/4" x 6" M/2™ 2-Cutter SDS Plus Drill Bit (1) 5/16" x 6" M/2™ 2-Cutter SDS Plus Drill Bit (1) 3/8" x 6" M/2™ 2-Cutter SDS Plus Drill Bit (1) 1/2" x 6"M/2™ 2-Cutter SDS Plus Drill Bit	48-20-7490



This product complies with ANSI B212.15 standard

SDS PLUS CONCRETE SCREW INSTALLATION DRILL BITS

OVERVIEW

The MILWAUKEE® SDS Plus Bits with 1/4" Hex are designed specifically for concrete screw applications. Built to take on brick, block and concrete, MILWAUKEE® SDS Bits feature 2-Cutter geometry for fast drilling and debris removal. The patented, reinforced flute design increases impact resistance and transfers energy directly to the bit tip. Patented rebar chamfers withstand impact from rebar and hard aggregate and reduce carbide chipping. To be used with Drive Sleeve available in the SDS Plus Concrete Screw Installation Kit (48-20-7497).

FEATURES

- Designed for Concrete Screws: Drilling holes and driving concrete screws into brick, block and concrete
- Versatility: Allows rotary hammers to adapt to the concrete screw system for maximum efficiency

SDS PLUS CONCRETE SCREW INSTALLATION DRILL BITS

02012000	011011212 00111				
Diameter	Usable Length	Length	Concrete Screw Diameter Size	1 Pack	Bulk 25
5/32"	2"	5"	3/16"	48-20-7090	-
5/32"	3"	6"	3/16"	48-20-7096	48-20-7196
5/32"	4"	7"	3/16"	48-20-7091	48-20-7191
3/16"	2"	5"	1/4"	48-20-7097	-
3/16"	3"	6"	1/4"	48-20-7098	48-20-7198
3/16"	4"	7"	1/4"	48-20-7092	48-20-7192





SDS PLUS CONCRETE SCREW INSTALLATION KIT

Description	Includes	Part No.
7 PC SDS Plus Installation Kit for Concrete Screws	(1) 5/32" x 7" with 1/4" Hex Rotary Hammer Drill Bit (1) 3/16" x 7" with 1/4" Hex Rotary Hammer Drill Bit (1) #2 Phillips Driver Bit (1) #3 Phillips Driver Bit (1) 1/4" Hex Drive Bit (1) 5/16" Hex Drive Bit (1) Drive Sleeve	48-20-7497



This product complies with ANSI B212.15 standard

SDS PLUS STOP BITS

OVERVIEW

MILWAUKEE's SDS Plus Shank Stop Bits are ideal for use with drop-in anchors. The stopping collar controls the drilling depth, allowing for repeatable, fast and accurate holes. The patented flute geometries remove debris rapidly while maximizing impact energy. The centering tip reduces bit walking for exact spot drilling. A variety of bits are available for the most common drop-in anchor sizes. Please see anchor manufacturers' guides for correct stop bit to be used with anchor.

FEATURES

- For use with drop-in anchors
- Stopping Shoulder: Drill accurate depths repeatedly
- Patented Flute Geometry: Remove debris rapidly and maximize impact energy

SDS PLUS STOP BITS

Diameter	Usable Length	Length	Part No.
3/8"	1-1/16"	4-1/4"	48-20-7651
1/2"	13/16"	4-1/4"	48-20-7652
1/2"	1-11/16"	5-1/8"	48-20-7653

48-20-7652
48-20-7653

Diameter	Usable Length	Length	Part No.
5/8"	1-1/16"	4-3/4"	48-20-7654
5/8"	2-1/16"	5-1/2"	48-20-7655



This product complies with ANSI B212.15 standard



This product complies with ANSI B212.15 standard



SDS PLUS DUST TRAP™ DRILLING SHROUD

OVERVIEW

The MILWAUKEE® SDS Plus DUST TRAP™ is the industry's first OSHA® compliance solution without a vacuum, ideal for overhead drilling applications. The universal fit allows the DUST TRAP™ to work with all SDS Plus rotary hammers and SDS Plus drill bits up to an 8" length, including stop bits and other anchor installations tools. The clear sleeve allows visibility while the locking mechanism enables easy storage on the jobsite. The compact, collapsible design is ideal for tough to reach places, providing superior productivity. The DUST TRAP™ is an OSHA® Objective Data compliance solution when used without a vacuum and OSHA® Table 1 compliant when used with a dust extractor, giving users the flexibility to adjust to the daily demands of the jobsite while being compliant. Replacement SDS Plus DUST TRAP™ Sleeves are available (48-03-3235).

FEATURES

- OSHA® Objective Data compliance without a vacuum
- Universal fit on SDS Plus rotary hammers and drill bits up to 8" long
- Preferred Table 1 solution for the OSHA® Regulation on Crystalline Silica Dust (29CFR 1926.1153), when used with a dust extractor

SDS PLUS DUST TRAP™ DRILLING SHROUD

Description	1 Pack	5 Pack	10 Pack
SDS Plus DUST TRAP™ Drilling Shroud	48-03-3035	-	48-03-3135
SDS Plus DUST TRAP™ Replacement Sleeve	-	48-03-3235	-

SDS PLUS VACUUM BITS

OVERVIEW

The MILWAUKEE® SDS Plus Vacuum Drill Bits reduce airborne silica dust and provide increased productivity during the chemical anchor preparation process. The combination of dust extraction holes at the bit tip and the hollow shaft design allow dust to be removed through the bit while drilling holes, reducing airborne silica dust in the process. SDS Plus Vacuum Drill Bits are an OSHA® Table 1 compliant solution when used with dust extraction vacuums. Additionally, SDS Plus Vacuum Drill Bits leave clean holes which are ready for the chemical anchor installation, removing the need to use standard drill bits with the "blow-brush-blow" cleaning method, delivering up to 2X faster chemical anchor preparation. The 4-Cutter tip design delivers durability in concrete and concrete with rebar applications. The universal adapter fits most common dust extractor attachments.

FEATURES

- Drilling holes into brick, block, concrete and concrete with rebar
- Preferred Table 1 solution for the OSHA® Regulation on Crystalline Silica Dust (29 CFR 1926.1153), when used with a dust extractor
- Up to 2X faster chemical anchor preparation



COMPLIANCE

SOLUTION



SDS PLUS VACUUM BITS

Diameter	Usable Length	Length	Part No.		
7/16"	7-7/8"	13"	48-20-2102		
1/2"	7-7/8"	13"	48-20-2106		
9/16"	9-1/2"	14"	48-20-2110		
5/8"	9-1/2"	14"	48-20-2114		
3/4"	9-1/2"	14"	48-20-2118		

SDS PLUS VACUUM BITS ADAPTER

Description	Part No.	
SDS Plus Vacuum Bits Adapter	48-20-2100	



This product complies with ANSI B212.15 standard

SDS PLUS TWO-PIECE CORE BITS

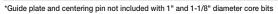
OVERVIEW

MILWAUKEE's SDS Plus Two-piece Core Bits are ideal for drilling large through holes into brick, block and concrete. Two-piece design allows for system versatility.

- Thin Wall Design
- Ability to use extensions

SDS PLUS TWO-PIECE CORE BITS











SDS PLUS CORE BITS

OVERVIEW

MILWAUKEE® SDS Plus Masonry Core Bits are ideal for drilling large holes in brick, block and concrete with SDS Plus rotary hammers. Asymmetrical carbide teeth break up material more effectively, resulting in up to 20% faster drilling speeds. Centering bits allow for easy alignment of the hole and precise spot drilling. The versatile two-piece design allows users to drill with several different core bit sizes using one adapter. The spiral core body design minimizes friction in the hole and aids in dust removal during the application. Core bits cut with the outer edge only, therefore the operator must remove the inner core to continue drilling for holes deeper than 2".

FEATURES

- Asymmetrical Carbide Teeth: Up to 20% faster drilling speeds
- Drilling large through holes in brick, block and concrete

SDS PLUS CORE BITS

SDS I EGG GOILE BITS					
Diameter	Depth	Part No.			
1-3/16"	2"	48-20-5205			
1-3/8"	2"	48-20-5210			
1-9/16"	2"	48-20-5215			
1-3/4"	2"	48-20-5220			
2"	2"	48-20-5225			

Diameter	Depth	Part No.
2-9/16"	2"	48-20-5230
3-1/8"	2"	48-20-5235
3-9/16"	2"	48-20-5240
4"	2"	48-20-5245
4-3/8"	2"	48-20-5255



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Description	Part No.
13" SDS Plus Core Bit Adapter	48-20-3582*
18" SDS Plus Core Bit Adapter	48-20-3593*
SDS Plus Core Centering Bit	48-20-3580

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*Adapters	inciuae	а	centering	DIT

Тір Туре	Style	Size	1 Pack
	SLEDGE™ SDS Plus Bull Point	10"	48-62-6050
(SLEDGE™ SDS Plus Flat Chisel	3/4" x 10"	48-62-6052
	SLEDGE™ SDS Plus Bull Point & Flat Chisel	-	48-62-6080
	SLEDGE™ SDS Plus Scaling Chisel	1-1/2" x 10"	48-62-6056
	SLEDGE™ SDS Plus Tile Chisel	1-7/8" x 9-1/2"	48-62-6030
	SLEDGE™ SDS Plus	1/4" x 8"	48-62-6048
	Mortar Knife	3/8" x 8"	48-62-6049

SDS PLUS CHISELS

SLEDGE™ SDS PLUS SELF-SHARPENING CHISELS

SDS PLUS CHISELS

2D2 LF02 CUISEF2					
Tip Type	Style	Application	Size	1 Pack	Bulk 25
	Bull Point	Starts a hole in concrete slabs, general chipping	5-1/2"	48-62-6012	-
	Bull Point	and breaking	10"	48-62-6010	48-62-6110
	Flat Chisel		3/4" x 5-1/2"	48-62-6014	-
	Flat Chisel General chipping and breaking	3/4" x 10"	48-62-6015	48-62-6115	
	Scaling Chisel	Cleans concrete, scale, rust, cuts troughs and	1-3/16" x 5-1/2"	48-62-6022	_
	Scaling Chisei	some asphalt	1-1/2" x 10"	48-62-6020 48-62	48-62-6120
	Tile Chisel	Removes tiles, laminates and other composite materials, removes concrete spillage	3" x 6"	48-62-6058	-
	Concrete Channel Chisel	Creates a channel to run conduit in concrete	7/8" x 10"	48-62-6024	_
-	Winged Channel Chisel	Creates a channel to run conduit in a block wall, wings aid in depth control	1" x 10"	48-62-6026	-
Control of the Contro	Carbide Slotting Chisel	Creates large openings in concrete in between holes	1-1/4" x 8"	48-62-6029 NEW	_

SLEDGE™ SDS PLUS SELF-SHARPENING CHISELS

OVERVIEW

Our SLEDGE™ SDS Plus Chisels stay sharper longer. Reinforced edges deliver maximum durability and reduced wear over the life of the chisel. We've engineered our chisels to maintain sharper edges for increased productivity and maximum life. No re-sharpening or re-hardening is necessary, reducing downtime. Our MILWAUKEE® SLEDGE™ SDS Plus Chisels are designed for SDS Plus rotary hammers with high-grade forged steel for maximum durability and longer life in concrete demolition over our standard chisels.

FEATURES

- MILWAUKEE® SLEDGE™ Chisels: Stay sharper longer
- Reinforced Edges: Deliver maximum durability and reduced wear over the life of the chisel
- Engineered to Maintain Sharper Edges: Increased productivity





SDS PLUS CHISELS

Тір Туре	Style	Application	Size	1 Pack	Bulk 25
	Mortar Scraper	Removes mortar between bricks, blocks, stones and in corners and tight edges	9/16" x 7"	48-62-6035	-
	Precision Point	Cleans out concrete spillage from sleeves and pre-cast anchors	7"	48-62-6013	-
	Floor Scraper	Removes flooring such as linoleum and laminate	4" x 10"	48-62-6046	-
	Floor Scraper Replacement Blade Kit	Removes flooring such as linoleum and laminate	-	48-62-1915 NEW	-



SDS MAX

MX4™ SDS MAX DRILL BITS

OVERVIEW

Our MX4™ 4-Cutter SDS Max Rotary Hammer Drill Bits deliver up to 5X longer life in concrete with rebar. Engineered with rebar guards to provide maximum durability in hard aggregate and rebar. We designed our MX4™ 4-Cutter bits with sharp centering tips for exact spot drilling in concrete. The integrated 4-cutter design prevents lock-up in rebar, reducing downtime. Variable flutes remove dust faster, reducing heat and delivering up to 15% more holes per battery charge. The wear mark indicator on each drill bit shows you when they no longer meet the ANSI requirement. These MILWAUKEE® MX4™ 4-Cutter Drill Bits are ideal for concrete with rebar and masonry applications. Choose from single bits, bulk packs or drill bit kits in a variety of sizes.

FEATURES

- Up to 5X longer life in concrete with rebar
- Rebar Guards: Maximum durability in hard aggregate and rebar
- Sharp Centering Tip: Exact spot drilling in concrete







MX4 [™] SDS MAX DRILL BITS					
Diameter	Usable Length	Length	Part No.		
3/8"	7"	13"	48-20-3901		
1/2"	7"	13"	48-20-3902		
1/2"	11"	17"	48-20-3903		
1/2"	15"	21"	48-20-3904		
1/2"	22"	28"	48-20-3905		
1/2"	30"	36"	48-20-3906		
1/2"	54"	60"	48-20-3909		
9/16"	7"	13"	48-20-3910		
9/16"	15"	21"	48-20-3912		
5/8"	7"	13"	48-20-3916		
5/8"	11"	17"	48-20-3917		
5/8"	15"	21"	48-20-3918		
5/8"	30"	36"	48-20-3922		
5/8"	54"	60"	48-20-3923		
11/16"	15"	21"	48-20-3926		
3/4"	7"	13"	48-20-3930		
3/4"	11"	17"	48-20-3931		
3/4"	15"	21"	48-20-3932		
3/4"	30"	36"	48-20-3936		
13/16"	16"	21"	48-20-3938		
27/32"	16"	21"	48-20-3942		
7/8"	8"	13"	48-20-3944		
7/8"	12"	17"	48-20-3945		

Diameter	Usable Length	Length	Part No.
7/8"	16"	21"	48-20-3946
7/8"	31"	36"	48-20-3949
1"	8"	13"	48-20-3952
1"	12"	17"	48-20-3953
1"	16"	21"	48-20-3954
1"	31"	36"	48-20-3956
1-1/16"	18"	23"	48-20-3958
1-1/8"	12"	17"	48-20-3964
1-1/8"	16"	21"	48-20-3966
1-1/8"	31"	36"	48-20-3967
1-1/4"	10"	15"	48-20-3970
1-1/4"	18"	23"	48-20-3972
1-1/4"	31"	36"	48-20-3974
1-3/8"	12"	17"	48-20-3975
1-3/8"	18"	23"	48-20-3980
1-3/8"	31"	36"	48-20-3983
1-7/16"	18"	23"	48-20-3984
1-1/2"	12"	17"	48-20-3986
1-1/2"	18"	23"	48-20-3988
1-9/16"	18"	23"	48-20-3990
1-5/8"	18"	23"	48-20-3991
1-3/4"	18"	23"	48-20-3992
2"	18"	23"	48-20-3993



This product complies with ANSI B212.15 standard



SLEDGETM



SDS MAX VACUUM BITS

OVERVIEW

The MILWAUKEE® SDS Max Vacuum Drill Bits reduce airborne silica dust and provide increased productivity during the chemical anchor preparation process. The combination of dust extraction holes at the bit tip and the hollow shaft design allow dust to be removed through the bit while drilling holes, reducing airborne silica dust in the process. SDS Max Vacuum Drill Bits are an OSHA® Table 1 compliant solution when used with dust extraction vacuums. Additionally, SDS Max Vacuum Drill Bits leave clean holes which are ready for the chemical anchor installation, removing the need to use standard drill bits with the "blow-brush-blow" cleaning method, delivering up to 2X faster chemical anchor preparation. The 4-Cutter tip design delivers durability in concrete and concrete with rebar applications. The universal adapter fits most common dust extractor attachments.



SOLUTION

FEATURES

- Drilling holes into brick, block, concrete and concrete with rebar
- Preferred Table 1 solution for the OSHA® Regulation on Crystalline Silica Dust (29 CFR 1926.1153), when used with a dust extractor
- Up to 2X faster chemical anchor preparation

SDS MAX VACUUM BITS

Diameter	Usable Length	Length	Part No.
5/8"	15-3/4"	23-1/2"	48-20-2152
3/4"	15-3/4"	23-1/2"	48-20-2156
7/8"	15-3/4"	23-1/2"	48-20-2160
1"	17-1/2"	25-1/4"	48-20-2164
1-1/8"	27-1/2"	35"	48-20-2168
1-3/8"	27-1/2"	35"	48-20-2172



This product complies with ANSI B212.15 standard

SDS MAX VACUUM BITS ADAPTER

Description	Part No.
SDS Max Vacuum Bits Adapter	48-20-2150



SLEDGE™ SDS MAX SELF-SHARPENING CHISELS

OVERVIEW

Our SLEDGE™ SDS Max Chisels stay sharper longer. Reinforced edges deliver maximum durability and reduced wear over the life of the chisel. We've engineered our chisels to maintain sharper edges for increased productivity and maximum life. No re-sharpening or re-hardening is necessary, reducing downtime. Our MILWAUKEE® SLEDGE™ SDS Max Chisels are designed for SDS Max rotary hammers with high-grade forged steel for maximum durability and longer life in concrete demolition over our standard chisels.



- MILWAUKEE® SLEDGE™ Chisels: Stay sharper longer
- Reinforced Edges: Deliver maximum durability and reduced wear over the life of the chisel
- Engineered to Maintain Sharper Edges: Increased productivity

SLEDGE™ SDS MAX SELF-SHARPENING CHISELS

Тір Туре	Style	Size	1 Pack	25 Pack
	SLEDGE™ SDS Max Bull Point	16"	48-62-4250	-
	SLEDGE™ SDS Max Flat Chisel	1" x 16"	48-62-4252	-
	SLEDGE™ SDS Max Scraping Chisel	2" x 12"	48-62-4089	-
	SLEDGE™	2" x 15"	48-62-4084	-
	SDS Max Scaling Chisel	3" x 12"	48-62-4087	48-62-4187
	SLEDGE™ SDS Max Tile Chisel	2" x 15"	48-62-4258	-







FLOOR SCRAPER



FLOOR SCRAPER

Style	Size	Part No.
SLEDGE™ SDS Max Floor Scraper	6" x 6" x 25"	48-62-4096
Spline / Round Hex 2-Piece Floor Scraper	6" x 25"	48-62-2016
Floor Scraper Replacement Blade	1.5 mm	48-62-1906
Floor Scraper Replacement Fastener Kit	-	48-62-1911
Floor Scraper Replacement Hold Down Plate	-	48-62-1901
Floor Scraper Replacement Mount Head (Yoke)	-	48-62-1921
Floor Scraper Replacement Shank	15-1/2"	48-62-1916

SDS MAX CHISELS



SDS MAX CHISELS

Tip Type	Style	Application	Size	1 Pack	Bulk	
	Bull Point		12"	48-62-4075	48-62-4175 (25 pk)	
	Bull Point	Starts a hole in concrete slabs, general chipping and breaking	18"	48-62-4077	48-62-4177 (25 pk)	
	Bull Point		24"	48-62-4062	-	
	Flat Chisel		1" x 12"	48-62-4079	48-62-4179 (25 pk)	
	Flat Chisel	General chipping and breaking	1" x 18"	48-62-4081	48-62-4081 48-62-4181 (25 pk)	
	Flat Chisel		1" x 24"	48-62-4064	-	
	Scaling Chisel	Cleans concrete, scale, rust, cuts troughs and some asphalt	1-1/2" x 12"	48-62-4082	-	
	Scaling Chisel		2" x 12"	48-62-4085	48-62-4185 (25 pk)	
	Scaling Chisel		4-1/2" x 14"	48-62-4086	-	
	Tile Chisel	Removes tiles, laminates and other composite materials, removes concrete spillage	3-1/4" x 12"	48-62-4088	-	(
	Brick Channel Chisel	Creates a channel to run conduit in block wall, wings aid in depth control	1-1/4" x 12"	48-62-4097	-	
	Concrete Channel Chisel	Creates a channel to run conduit in concrete	1" x 12"	48-62-4098	-	



SDS MAX CHISELS					
Tip Type	Style	Application	Size	1 Pack	Bulk
	Seam Tool	Removes mortar between brick or block, cuts narrow channels	1-1/8" x 12"	48-62-4080	-
	Bushing Tool	Removes excess concrete, produces exterior finish, roughens surface before surface coating	1-3/4" x 9-1/4"	48-62-4065	-
	Carbide Tipped Bushing Tool	Carbide provides longer life, removes excess concrete, produces exterior finish, roughens surface before surface coating	1-1/2" x 10"	48-62-4063	-
	Carbide Slotting Tool	Carbide teeth provide longer life, creates large openings in concrete in between holes	1-1/2" x 11"	48-62-4074	-
	Asphalt Cutter	Cuts asphalt or hard ground (DO NOT use for concrete)	5" x 16-1/2"	48-62-4066	-
	Clay Spade	Digs up clay, hard packed gravel and dirt	4-1/2" x 16-5/8"	48-62-4094	48-62-4194 (12 pk)
	Ground Rod Driver	Drives soft ground rods	10" L - 1/2" and 5/8" Rod Dia.	48-62-4093 NEW	-
	Ground Rod Driver	Drives soft ground rods	10-1/2" L - 5/8" and 3/4" Rod Dia.	48-62-4091	-
-	Tamper Shank	Used to mount tamper plate	12"	48-62-4092	-
	Tamper Plate	Compacts dirt tamps asphalt	5" x 5"	48-62-3060	_

SDS MAX ONE-PIECE CORE BITS

OVERVIEW

MILWAUKEE's SDS Max One-Piece Carbide Tipped Core Bits are ideal for drilling large holes where the depth is relatively shallow. The core bit cuts a kerf only. The inside core must be removed by the operator before deeper drilling can be accomplished. Includes Centering Bit 48-20-5495. Use Drift Key 48-20-5497 (not included) to remove Centering Bit from the one-piece core bit. The one-piece core bits are available in SDS Max or Spline shanks. They come in a variety of diameters ranging from 1-1/2" to 6" with overall lengths of 11-3/8" or 22" and a drilling depth of 3". The asymmetric tooth pitch with alternating tooth geometries creates faster material pulverization. The one-piece design maximizes energy transfer and the thick wall core body is durable even in large hammers. The fluted core exterior minimizes friction loss and removes debris faster.

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FEATURES

- Asymmetrical and Alternating Teeth: Faster material pulverization
- Thick Wall Core Body: Durability even in large hammers
- Includes Centering Bit: Reduce bit walking and create exact spot drilling





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SDS MAX ONE-PIECE CORE BITS				
Diameter	Depth	Part No.		
1-1/2"	11-3/8"	48-20-5400		
1-1/2"	22"	48-20-5402		
1-3/4"	11-3/8"	48-20-5404		
1-3/4"	22"	48-20-5406		
2"	11-3/8"	48-20-5408		
2"	22"	48-20-5410		
2-5/8"	11-3/8"	48-20-5412		
2-5/8"	22"	48-20-5414		
3-1/8"	11-3/8"	48-20-5420		

Diameter	Depth	Part No.
3-1/8"	22"	48-20-5422
3-9/16"	11-3/8"	48-20-5428
3-9/16"	22"	48-20-5430
4"	11-3/8"	48-20-5432
4"	22"	48-20-5434
5"	11-3/8"	48-20-5436
5"	22"	48-20-5438
6"	22"	48-20-5440

SDS MAX ONE-PIECE CORE BIT ACCESSORIES

Description	Part No.		
Centering Bit	48-20-5495		
Drift Key	48-20-5497		





SDS MAX & SPLINE

SDS MAX & SPLINE TWO-PIECE CORE BITS

OVERVIEW

MILWAUKEE's SDS Max and Spline Thick Wall Core Bits are used for drilling large through holes into brick, block and concrete. Two-piece design allows versatility between SDS Max and Spline shanks and extensions.

FEATURES

- Available in Thick and Thin Wall versions
- Two-Piece Design: Versatility
- Ability to use extensions

THICK WALL SDS MAX & SPLINE TWO-PIECE CORE BITS

Size	Depth	Core Body with Guide Plate and Centering Pin Part No.	12" SDS Max Adapter Shank Part No.	18" SDS Max Adapter Shank Part No.	12" Spline Adapter Shank Part No.	18" Spline Adapter Shank Part No.	7-1/2" Extension Part No.	Replacement Guide Plate Part No.	Replacement Centering Pin Part No.
1-1/2"	4-1/16"	48-20-5125	48-03-3572	48-03-3573	48-03-3564	48-03-3565	48-95-6085	48-20-5168	48-20-5199
1-3/4"	4-1/16"	48-20-5130	48-03-3572	48-03-3573	48-03-3564	48-03-3565	48-95-6085	48-20-5169	48-20-5199
2"	4-1/16"	48-20-5135	48-03-3572	48-03-3573	48-03-3564	48-03-3565	48-95-6085	48-20-5170	48-20-5199
2-1/2"	4-1/16"	48-20-5140	48-03-3572	48-03-3573	48-03-3564	48-03-3565	48-95-6085	48-20-5171	48-20-5199
3"	4-1/16"	48-20-5145	48-03-3572	48-03-3573	48-03-3564	48-03-3565	48-95-6085	48-20-5172	48-20-5199
3-1/2"	4-1/16"	48-20-5150	48-03-3572	48-03-3573	48-03-3564	48-03-3565	48-95-6085	48-20-5173	48-20-5199
4"	4-1/16"	48-20-5155	48-03-3572	48-03-3573	48-03-3564	48-03-3565	48-95-6085	48-20-5174	48-20-5199
5"	4-1/16"	48-20-5160	48-03-3572	48-03-3573	48-03-3564	48-03-3565	48-95-6085	48-20-5175	48-20-5199
6"	4-1/16"	48-20-5165	48-03-3572	48-03-3573	48-03-3564	48-03-3565	48-95-6085	48-20-5176	48-20-5199

THIN WALL SDS MAX & SPLINE TWO-PIECE CORE BITS

	The time ope made of all the time of a second pro-								
Size	Depth	Core Body with Guide Plate and Centering Pin Part No.	12" SDS Max Adapter Shank Part No.	18" SDS Max Adapter Shank Part No.	12" Spline Adapter Shank Part No.	18" Spline Adapter Shank Part No.	7-1/2" Extension Part No.	Replacement Guide Plate Part No.	Replacement Centering Pin Part No.
5"	2-13/16"	48-20-5060	48-03-3574	-	48-03-3540	-	48-95-6075	48-20-6162	48-20-6155
6"	2-13/16"	48-20-5065	48-03-3574	-	48-03-3540	-	48-95-6075	48-20-6163	48-20-6155

SDS MAX TUNNEL BITS

OVERVIEW

MILWAUKEE® SDS Max Tunnel Bits are ideal for drilling deep, large holes in brick, block and concrete with SDS Max rotary hammers. The fluted head design and 22" long shaft allows for continuous deep hole drilling without the need to clear out a core. To deliver increased durability in concrete with rebar, a large 3-Cutter tip avoids lock up in rebar. Aggressive carbide cutting edges shear through the rebar inside of concrete.

FEATURES

- Fluted Design: Continuous deep hole drilling without the need to remove a core
- 3-Cutter Carbide Centering Tip: Avoids lock up in rebar
- Aggressive Carbide Cutting Edges: Shear through rebar in concrete

SDS MAX TUNNEL BITS

Diameter	Length	Part No.
1-1/2"	22"	48-20-5302
1-3/4"	22"	48-20-5306
2-1/8"	22"	48-20-5312

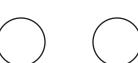
Diameter	Length	Part No.
2-1/2"	22"	48-20-5318
3-1/8"	22"	48-20-5324

















SPLINE

2-CUTTER SPLINE DRILL BITS

OVERVIEW

MILWAUKEE's Spline 2-Cutter Rotary Hammer Drill Bits are used for drilling into brick, block and concrete.

FEATURES

- Highest Quality Carbide: Maximizes material pulverization
- 2-Cutter Head
- Spline Shank

2-CUTTER SPI INF DRILL RITS

2-GUITER SPLINE DRILL BITS						
Diameter	Usable Length	Length	Part No.			
3/8"	5"	10"	48-20-4037			
1/2"	5"	10"	48-20-4050			
1/2"	11"	16"	48-20-4051			
1/2"	17"	22"	48-20-4052			
1/2"	22"	27"	48-20-4053			
1/2"	31"	36"	48-20-4054			
9/16"	5"	10"	48-20-4056			
9/16"	18"	23"	48-20-4057			
5/8"	5"	10"	48-20-4062			
5/8"	11"	16"	48-20-4063			

Diameter	Usable Length	Length	Part No.
5/8"	17"	22"	48-20-4064
11/16"	11"	16"	48-20-4068
3/4"	11"	16"	48-20-4076
3/4"	17"	22"	48-20-4078
13/16"	11"	16"	48-20-4081
7/8"	11"	16"	48-20-4087
7/8"	17"	22"	48-20-4088
1"	11"	16"	48-20-4100
1"	17"	22"	48-20-4101
1-1/8"	11"	16"	48-20-4112

Diameter	Usable Length	Length	Part No.
1-1/8"	17"	22"	48-20-4113
1-1/4"	11"	16"	48-20-4125
1-1/4"	17"	22"	48-20-4126
1-3/8"	11"	16"	48-20-4137
1-3/8"	17"	22"	48-20-4138
1-1/2"	11"	16"	48-20-4150
1-1/2"	17"	22"	48-20-4151



4-CUTTER SPLINE DRILL BITS

OVERVIEW

MILWAUKEE's Spline 4-Cutter Rotary Hammer Drill Bits features a 4-Cutter 4x90° tip geometry to avoid lock up in rebar, patented rebar chamfers for increased durability and a high-volume flute for fast debris removal. Used for drilling holes in brick, block, concrete and reinforced concrete.

FEATURES

- 4-Cutter 4x90° Geometry: Avoid lock up in rebar
- Patented Rebar Chamfers: Increased durability
- High-Volume Flute: Fast debris removal

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Diameter	Usable Length	Length	Part No.		
1-1/8"	17"	22"	48-20-4113		
1-1/4"	11"	16"	48-20-4125		
1-1/4"	17"	22"	48-20-4126		
1-3/8"	11"	16"	48-20-4137		
1-3/8"	17"	22"	48-20-4138		
1-1/2"	11"	16"	48-20-4150		
1-1/2"	17"	22"	48-20-4151		



This product complies with ANSI B212.15 standard



4-CUTTER SPI INF DRILL RITS

4-GULLER SPLINE DRILL BILS						
Diameter	Usable Length	Length	Part No.			
5/8"	5"	10"	48-20-4300			
5/8"	11"	16"	48-20-4305			
5/8"	17"	22"	48-20-4310			
5/8"	24"	29"	48-20-4315			
5/8"	31"	36"	48-20-4320			
11/16"	11"	16"	48-20-4325			
3/4"	5"	10"	48-20-4330			
3/4"	11"	16"	48-20-4335			
3/4"	17"	22"	48-20-4340			
3/4"	24"	29"	48-20-4345			
3/4"	31"	36"	48-20-4350			
7/8"	11"	16"	48-20-4360			
7/8"	17"	22"	48-20-4365			

Diameter	Usable Length	Length	Part No.
7/8"	31"	36"	48-20-4367
1"	11"	16"	48-20-4370
1"	17"	22"	48-20-4375
1"	31"	36"	48-20-4380
1-1/8"	11"	16"	48-20-4385
1-1/8"	17"	22"	48-20-4390
1-1/4"	11"	16"	48-20-4395
1-1/4"	17"	22"	48-20-4400
1-1/4"	31"	36"	48-20-4405
1-3/8"	17"	22"	48-20-4410
1-1/2"	17"	22"	48-20-4415
1-3/4"	18"	23"	48-20-4418
2"	18"	23"	48-20-4419



This product complies with ANSI B212.15 standard

SPLINE ONE-PIECE CORE BITS

OVERVIEW

MILWAUKEE's One-Piece Carbide Tipped Core Bits are ideal for drilling large holes where the depth is relatively shallow. The core bit cuts a kerf only. The inside core must be removed by the operator before deeper drilling can be accomplished. Centering Bit 48-20-5495 is included. Use Drift Key 48-20-5497 (not included) to remove centering bit from the one-piece core bit. The one-piece core bits are available in SDS Max or Spline shanks. They come in a variety of diameters ranging from 1-1/2" to 6" with overall lengths of 11-3/8" or 22" and a drilling depth of 3". The asymmetric tooth pitch with alternating tooth geometries creates faster material pulverization. The one-piece design maximizes energy transfer and the thick wall core body is durable even in large hammers. The fluted core exterior minimizes friction loss and removes debris faster.

FEATURES

- Asymmetrical and Alternating Teeth: Faster material pulverization
- Thick Wall Core Body: Durability even in large hammers
- Includes Centering Bit: Reduce bit walking and create exact spot drilling





SPLINE ONE-PIECE CORE BITS

Part No. 48-20-5450 48-20-5452
48-20-5452
48-20-5454
48-20-5456
48-20-5458
48-20-5460
48-20-5462
48-20-5464
48-20-5470

Diameter	Depth	Part No.
3-1/8"	22"	48-20-5472
3-9/16"	11-3/8"	48-20-5478
3-9/16"	22"	48-20-5480
4"	11-3/8"	48-20-5482
4"	22"	48-20-5484
5"	11-3/8"	48-20-5486
5"	22"	48-20-5488
6"	22"	48-20-5490

SPLINE ONE-PIECE CORE BITS ACCESSORIES

Description	Part No.
One-Piece Core Bit Centering Bit	48-20-5495
Drift Key for One-Piece Core Bits	48-20-5497



Тір Туре	Style	Application	Size	1 Pack	Bulk
0	Tamper Plate	Compacts dirt, tamps asphalt	5" x 5"	48-62-3060	-
	Spline / Round Hex 2 Piece Floor Scraper	Floor removal and large area tile removal	6" x 25	48-62-2016	-
	Floor Scraper Replacement Blade		1.5 mm	48-62-1906	-
	Floor Scraper Replacement Fastener Kit		-	48-62-1911	-
	Floor Scraper Replacement Hold Down Plate		-	48-62-1901	-
	Floor Scraper Replacement Mount Head (Yoke)		-	48-62-1921	-
	Floor Scraper Replacement Shank		15-1/2"	48-62-1916	-

SPLINE OR ROUND/HEX CHISELS



SPLINE OR ROUND/HEX CHISELS

	21.		a.	45.1	
Tip Type	Style	Application	Size	1 Pack	Bulk
THE REAL PROPERTY.	Bull Point	Starts a hole in concrete slabs,	12"	48-62-2000	48-62-2100 (25 pk)
THE REAL PROPERTY.	Bull Point	general chipping and breaking	18"	48-62-2010	48-62-2110 (25 pk)
	Flat Chisel	O I - bi i I b bi	1" x 12"	48-62-2020	48-62-2120 (25 pk)
	Flat Chisel	General chipping and breaking	1" x 18"	48-62-2030	48-62-2130 (25 pk)
	Scaling Chisel		1-1/2" x 12"	48-62-2040	-
	Scaling Chisel	Cleans concrete, scale, rust,	2" x 12"	48-62-2050	48-62-2150 (25 pk)
	Scaling Chisel	cuts troughs and some asphalt	3" x 12"	48-62-2055	48-62-2155 (25 pk)
	Scaling Chisel		4-1/2" x 14"	48-62-2057	-
	Scraping Chisel	Surface scraping	2" x 12"	48-62-2065	-
	Seam Tool	Removes mortar between brick or block, cuts narrow channels	1" x 12"	48-62-2080	-
-	Bushing Tool	Removes excess concrete, produces exterior finish, roughens surface before surface coating	1-3/4" x 9-1/2"	48-62-2070	48-62-2170 (15 pk)
	Clay Spade	Digs up clay, hard- packed gravel and dirt	4-1/2" x 16-3/4"	48-62-2095	-
	Ground Rod Driver	Drives soft ground rods	10"L - 5/8" & 3/4" Rod Diameter	48-62-2046	-
	Tamper Shank	Used to mount tamper plate	12"	48-62-2097	-

3/4" HEX

3/4" HEX CHISELS



3/4" HEX CHISELS

Тір Туре	Style	Application	Size	Part No.
	Bull Point	Starts a hole in concrete slabs, general	12"	48-62-3000
	Bull Point	chipping and breaking	18"	48-62-3005
	Flat Chisel	Consuming and breaking	1" x 12"	48-62-3010
	Flat Chisel	General chipping and breaking	1" x 18"	48-62-3015
	Scaling Chisel	1-1/2" x 12"	48-62-3020	
	Scaling Chisel	Cleans concrete, scale, rust, cuts troughs and some asphalt	2" x 12"	48-62-3035
	Scaling Chisel		3" x 12"	48-62-3030
	Scraping Chisel	Surface scraping	2" x 12"	48-62-3025
-	Bushing Tool	Removes excess concrete, produces exterior finish, roughens surface before surface coating	1-3/4" x 9-1/2"	48-62-3085
	Asphalt Cutter	Cuts asphalt or hard ground (DO NOT use for concrete)	5" x 16-1/2"	48-62-3090



3/4" HEX CHISELS

Тір Туре	Style	Application	Size	Part No.
	Clay Spade	Digs up clay, hard-packed gravel and dirt	4-1/2" x 16-3/4"	48-62-3040
	Ground Rod Driver	Drives soft ground rods	9-3/4"L - 5-8" & 3/4" Rod Diameter	48-62-3070
	Tamper Shank	Used to mount tamper plate	12"	48-62-3065
0	Tamper Plate	Compacts dirt, tamps asphalt	5" x 5"	48-62-3060



1-1/8" HEX

1-1/8" HEX DEMOLITION STEEL



1-1/8" HEX DEMOLITION STEEL

Тір Туре	Style	Application	Size	Part No.
	Moil Point	Starts holes in concrete slabs,	16"	48-62-4001
	Moil Point	general chipping and breaking	20"	48-62-4000
	Narrow Chisel	General chipping and breaking	16"	48-62-4006
	Narrow Chisel	General chipping and breaking	20-1/2"	48-62-4005
	Scaling Chisel	Cleans concrete, scale, rust, cuts troughs and some asphalt	3" x 20-1/2"	48-62-4010
	Asphalt Cutter	Cuts asphalt or hard ground (DO NOT use for concrete)	5" x 17-1/2"	48-62-4020
	Clay Spade	Digs up clay, hard-packed gravel and dirt	5-1/2" x 20"	48-62-4030
	Ground Rod Driver	Drives soft ground rods	15-1/2"L x 3"	48-62-4045
	Spike & Pin Driver	Drives anchoring pins for concrete forms	14-1/2"	48-62-4040
100000	Tamper Shank	Used to mount tamper plate	6" x 6"	48-62-4060



1-1/8" HEX DEMOLITION STEEL

Tip Type	Style	Application	Size	Part No.
	Tamper Plate	Compacts dirt, tamps asphalt	6" x 6"	48-62-4050
	Tamper Plate	(Use with 48-62-4060) 8" x 8"	48-62-4055	
	Tent Stake Driver – Head Only	Drives in large tent stakes (Use with 48-62-4060)	5-1/2"L / 3-1/2"OD / 2-3/4"ID	48-62-4061

CARBIDE HAMMER DRILL BITS

OVERVIEW

MILWAUKEE® Carbide Hammer Drill Bits use sharpened carbide, delivering up to 5X life in concrete and up to 2X faster drilling. Engineered with a precision ground tip, these bits will deliver faster starts and less walking in concrete, brick, block and masonry. Wide flute design removes dust faster, reducing heat and delivering more holes per charge. The extended life of the MILWAUKEE® Carbide Hammer Drill Bits provides the ideal solution in concrete, brick and block for cordless and corded hammer drill/drivers.



FEATURES

- Up to 5X life in concrete
- Up to 2X faster versus standard masonry bits
- Durable Carbide Tip: Longer life in concrete and hard aggregate

CARBIDE HAMMER DRILL BITS

Diameter	Usable Length	Length	Shank Type	1 Pack	5 Pack	25 Pack
1/8"	2"	3-1/2"	SHOCKWAVE Impact Duty™	48-20-9000	-	48-20-9100
5/32"	4"	6"	SHOCKWAVE Impact Duty™	48-20-9001	48-20-9155	48-20-9101
3/16"	2"	4"	SHOCKWAVE Impact Duty™	48-20-9005	-	48-20-9105
3/16"	4"	6"	SHOCKWAVE Impact Duty™	48-20-9006	48-20-9157	48-20-9106
7/32"	4"	6"	SHOCKWAVE Impact Duty™	48-20-9009	-	-
1/4"	2"	4"	SHOCKWAVE Impact Duty™	48-20-9010	-	48-20-9110
1/4"	4"	6"	SHOCKWAVE Impact Duty™	48-20-9011	48-20-9162	48-20-9111
1/4"	10"	12"	3-Flat	48-20-9012	-	-
5/16"	4"	6"	SHOCKWAVE Impact Duty™	48-20-9016	_	48-20-9116
5/16"	8"	10"	3-Flat	48-20-9018	_	-
5/16"	10"	12"	3-Flat	48-20-9017	-	-
3/8"	4"	6"	SHOCKWAVE Impact Duty™	48-20-9021	-	48-20-9121
3/8"	10"	12"	3-Flat	48-20-9022	_	-
3/8"	16"	18"	3-Flat	48-20-9023	-	-
7/16"	4"	6"	SHOCKWAVE Impact Duty™	48-20-9025	_	48-20-9125
1/2"	4"	6"	SHOCKWAVE Impact Duty™	48-20-9030	_	48-20-9130
1/2"	10"	12"	3-Flat	48-20-9031	-	-
1/2"	16"	18"	3-Flat	48-20-9032	-	-
9/16"	4"	6"	3-Flat	48-20-9035	-	-



CARBIDE HAMMER DRILL BITS

Diameter	Usable Length	Length	Shank Type	1 Pack	5 Pack	25 Pack
5/8"	4"	6"	3-Flat	48-20-9040	-	-
5/8"	10"	12"	3-Flat	48-20-9041	-	-
5/8"	16"	18"	3-Flat	48-20-9042	-	-
3/4"	4"	6"	3-Flat	48-20-9045	-	-
3/4"	10"	12"	3-Flat	48-20-9046	-	-
7/8"	4"	6"	3-Flat	48-20-9047	-	-
7/8"	10"	12"	3-Flat	48-20-9048	-	-
1"	4"	6"	3-Flat	48-20-9049	-	-
1"	10"	12"	3-Flat	48-20-9054	-	-

SHOCKWAVE IMPACT DUTY™ CARBIDE HAMMER DRILL BIT SETS

SHOCKWAVE IMPACT DUTY™ CARBIDE HAMMER DRILL BIT SETS

	Description	Includes	Part No.
	3 PC SHOCKWAVE Impact Duty™ Carbide Hammer Drill Bit Set	(1) 5/32" x 4" x 6" SHOCKWAVE Impact Duty™ Carbide Hammer Drill Bit (1) 3/16" x 4" x 6" SHOCKWAVE Impact Duty™ Carbide Hammer Drill Bit (1) 1/4" x 4" x 6" SHOCKWAVE Impact Duty™ Carbide Hammer Drill Bit	48-20-9050
	5 PC SHOCKWAVE Impact Duty [™] Carbide Hammer Drill Bit Set	(1) 5/32" x 4" x 6" SHOCKWAVE Impact Duty" Carbide Hammer Drill Bit (1) 3/16" x 4" x 6" SHOCKWAVE Impact Duty" Carbide Hammer Drill Bit (1) 1/4" x 4" x 6" SHOCKWAVE Impact Duty™ Carbide Hammer Drill Bit (1) 5/16" x 4" x 6" SHOCKWAVE Impact Duty™ Carbide Hammer Drill Bit (1) 3/8" x 4" x 6" SHOCKWAVE Impact Duty™ Carbide Hammer Drill Bit	48-20-9051
	7 PC SHOCKWAVE Impact Duty™ Carbide Hammer Drill Bit Set	(1) 5/32" x 4" x 6" SHOCKWAVE Impact Duty" Carbide Hammer Drill Bit (2) 3/16" x 4" x 6" SHOCKWAVE Impact Duty" Carbide Hammer Drill Bits (2) 1/4" x 4" x 6" SHOCKWAVE Impact Duty" Carbide Hammer Drill Bits (1) 5/16" x 4" x 6" SHOCKWAVE Impact Duty" Carbide Hammer Drill Bit (1) 3/8" x 4" x 6" SHOCKWAVE Impact Duty" Carbide Hammer Drill Bit	48-20-9052
The second secon	7 PC Large SHOCKWAVE Impact Duty [™] Carbide Hammer Drill Bit Set	(1) 1/8" x 2" x 3-1/2" SHOCKWAVE Impact Duty™ Carbide Hammer Drill Bit (1) 5/32" x 4" x 6" SHOCKWAVE Impact Duty™ Carbide Hammer Drill Bit (1) 3/16" x 4" x 6" SHOCKWAVE Impact Duty™ Carbide Hammer Drill Bit (1) 1/4" x 4" x 6" SHOCKWAVE Impact Duty™ Carbide Hammer Drill Bit (1) 5/16" x 4" x 6" SHOCKWAVE Impact Duty™ Carbide Hammer Drill Bit (1) 3/8" x 4" x 6" SHOCKWAVE Impact Duty™ Carbide Hammer Drill Bit (1) 1/2" x 4" x 6" SHOCKWAVE Impact Duty™ Carbide Hammer Drill Bit (1) 1/2" x 4" x 6" SHOCKWAVE Impact Duty™ Carbide Hammer Drill Bit	48-20-9057





SHOCKWAVE IMPACT DUTY™ MULTI-MATERIAL BITS

OVERVIEW

MILWAUKEE® SHOCKWAVE Impact Duty™ Carbide Multi-Material Drill Bits are the most versatile bits, designed to tackle materials such as brick, block, concrete, tile, wood, alumnimum, PVC, steel and more. The aggressive multi-grind carbide tip delivers up to 10X longer life in stacked materials and up to 85% faster drilling speeds in metal. Equipped with a 1/4" hex shank, these bits are compatible in impacts, drill/drivers and hammer drills. MILWAUKEE® SHOCKWAVE Impact Duty™ Multi-Material Drill Bits provide the ideal all-in-one solution for the widest variety of materials, tools and applications.



- For use with brick, block, concrete, steel, aluminum, ceramic tile, backerboard, wood, PVC and drywall
- Up to 85% faster in metal vs. standard masonry drill bits
- SHOCKWAVE Impact Duty™: Engineered for hammer drills and impacts





SHOCKWAVE IMPACT DUTY™ MULTI-MATERIAL BITS

Diameter	Usable Length	Length	Part No.
1/8"	2"	3-1/2"	48-20-8880
5/32"	4"	6"	48-20-8882
3/16"	4"	6"	48-20-8884
1/4"	4"	6"	48-20-8886

Diameter	Usable Length	Length	Part No.
5/16"	4"	6"	48-20-8888
3/8"	4"	6"	48-20-8890
1/2"	4"	6"	48-20-8892

SHOCKWAVE IMPACT DUTY™ MULTI-MATERIAL BIT SET

Description	Includes	Part No.
5 PC SHOCKWAVE Impact Duty™ Multi-Material Drill Bit Set	(1) 5/32" x 6" SHOCKWAVE Impact Duty™ Multi-Material Drill Bit (1) 3/16" x 6" SHOCKWAVE Impact Duty™ Multi-Material Drill Bit (1) 1/4" x 6" SHOCKWAVE Impact Duty™ Multi-Material Drill Bit (1) 5/16" x 6" SHOCKWAVE Impact Duty™ Multi-Material Drill Bit (1) 3/8" x 6" SHOCKWAVE Impact Duty™ Multi-Material Drill Bit	48-20-8898





GLASS AND TILE BITS

OVERVIEW

MILWAUKEE® Glass and Tile Bits use an exact start tip for clean holes and minimal bit walking in glass and ceramic tile. Created with sharpened carbide, MILWAUKEE® Glass and Tile Bits will provide faster tile drilling than standard glass and tile bits. These bits are designed with a reinforced carbide head for increased durability when drilling in high speed. Ideal for glass and ceramic tile in drill/drivers only. Not recommended for porcelain tile.



FEATURES

- Exact Start Tip: Minimal bit walking
- Reinforced Carbide Head: Increased durability
- For use in glass and ceramic tile

GLASS AND TILE BITS

Description	Part No.
1/8" x 2" Glass and Tile Bit	48-20-8980
3/8" x 2" Glass and Tile Bit	48-20-8981
1/4" x 2-1/4" Glass and Tile Bit	48-20-8982

Description	Part No.
5/16" x 2-1/4" Glass and Tile Bit	48-20-8983
3/8" x 3-3/4" Glass and Tile Bit	48-20-8984
1/2" x 3-3/4" Glass and Tile Bit	48-20-8985

GLASS AND TILE BIT SET

Description	Includes	Part No.	
4 PC Glass and Tile Bit Set	(1) 1/8" x 2" Glass and Tile Bit (1) 3/8" x 2" Glass and Tile Bit (1) 1/4" x 2-1/4" Glass and Tile Bit (1) 5/16" x 2-1/4" Glass and Tile Bit	48-20-8988	

TILE AND NATURAL STONE BITS

OVERVIEW

MILWAUKEE® Tile and Natural Stone Bits deliver up to 2X life in granite, stone, tile and glass. Hammer mode capability provides faster drilling speeds when drilling into tile and natural stone. Equipped with an aggressive 8-grind carbide head, these bits deliver up to 20% faster drilling. Reinforced tip protects the carbide head, providing the durability need for hammer drill mode. MILWAUKEE® Tile and Natural Stone Bits can be used in drill-only mode or hammer drill-mode. Not recommended for porcelain tile.



FEATURES

- Up to 2X longer life
- Up to 20% faster drilling in natural stone
- Hammer Mode Capability: Faster drilling in granite, marble and stone



TILE AND NATURAL STONE BITS

Description	Part No.
1/8" x 2" Tile and Natural Stone Bit	48-20-8990
3/16" x 2" Tile and Natural Stone Bit	48-20-8991
1/4" x 2-1/4" Tile and Natural Stone Bit	48-20-8992

Description	Part No.
5/16" x 2-1/4" Tile and Natural Stone Bit	48-20-8993
3/8" x 3-3/4" Tile and Natural Stone Bit	48-20-8994
1/2" x 3-3/4" Tile and Natural Stone Bit	48-20-8995

TILE AND NATURAL STONE BIT SET

Description	Includes	Part No.
4 PC Tile and Natural Stone Bit Set	(1) 1/8" x 2" Tile and Natural Stone Bit (1) 3/16" x 2" Tile and Natural Stone Bit (1) 1/4" x 2-1/4" Tile and Natural Stone Bit (1) 5/16" x 2-1/4" Tile and Natural Stone Bit	48-20-8998

EXTENSIONS & ADAPTERS

MAX-LOK™ EXTENSIONS & ADAPTERS



MAX-LOK™

Description	Part No.
MAX-LOK™ Connection, includes Grease	48-20-6950
MAX-LOK™ Replacement Grease	49-08-5385

EXTENSIONS & ADAPTERS

Shank	Length	Part No.
SDS Plus	12-1/2"	48-20-6980
SDS Plus	29-1/2"	48-20-6982
SDS Max	12-1/2"	48-20-6960
SDS Max	29-1/2"	48-20-6962
SDS Max	43"	48-20-6964

Shank	Length	Part No.
SDS Max	63"	48-20-6966
SDS Max	82-1/2"	48-20-6968
Spline	12-1/2"	48-20-6970
Spline	29-1/2"	48-20-6972
Spline	43"	48-20-6974

Milwaukee

PLUS-LOK™ SDS PLUS EXTENSIONS

OVERVIEW

MILWAUKEE® PLUS-LOK™ SDS Plus Extensions provide increased access in tough to reach areas and around obstructions. The extensions are universal, fitting all brands of SDS Plus rotary hammers and accessories including but not limited to: drill bits, chisels, core bits and anchor installation solutions. Due to their small profile design, the PLUS-LOK™ Extensions are ideal for drilling deep through holes with drill bits 7/8" and larger. Additionally, the auto-insert mechanism allows for tool-free connection and ease of use. By increasing accessibility and decreasing the number of drill bits needed to complete a job, the universal PLUS-LOK™ SDS Plus Extensions allow users to reach more and maximize productivity.

FEATURES

- 12" and 18" Length: Increased accessibility in tough to reach applications
- Ideal for tight access in and around obstructions
- Universal Extension: Fits all SDS Plus rotary hammers
- Compatible with all SDS Plus accessories including drill bits, chisels, core bits and anchor installation solutions

PLUS-LOK[™] SDS PLUS EXTENSIONS

Shank	Length	Part No.
PLUS-LOK™ SDS Plus Extension	12"	48-20-6940
PLUS-LOK™ SDS Plus Extension	18"	48-20-6945

ADAPTERS

ADAPTERS

Tool Shank	Bit Shank	Part No.
SDS Max	SDS Plus	48-03-3025
SDS Max	Spline	48-03-3012
SDS Plus	1/2" Chuck	48-03-3005
Spline	A-Taper	48-66-6502

Tool Shank	Bit Shank	Part No.
Spline	B-Taper	48-66-6503
Spline	SDS Max	48-03-3010
Spline	SDS Plus	48-03-3015



DIAMOND CUTTING & CORING

OVERVIEW

AVAILABLE IN:

MILWAUKEE® Diamond Blades are designed to the highest standards, using only quality diamonds. Available in sizes 4" – 14". MILWAUKEE's Diamond Blade line will cover a full range of materials including specialized blades for green concrete, asphalt and ductile iron. All MILWAUKEE® Blades are designed for both wet and dry cutting.

DIAMOND CUTTING BLADES SELECTION GUIDE

	dentify the material to be cut in the columns below
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- 0	\							
,	Choose the appropriate product	OPTIMAL	,	GOOD	,	ACCEPTABLE	or	NOT RECOMMENDED

Optimal	Good		Accep	table		Not Re	commend	ded		
	CURED CONCRETE	REINFORCED Concrete	BLOCK / Masonry	BRICK	PAVER	STONE	ASPHALT	GREEN Concrete	DUCTILE Iron	MORTAR
		Garage	W	1		2 4 4 4		a later to		-
DIAMOND AVAILABLE IN: 12", 14"										
DIAMOND PRIEMIUM AVAILABLE IN SEGMENTED: 4",4-1/2",7",12",14" ALSO AVAILABLE IN TURBO: 4",4-1/2",7"										
4",4-1/2",7" DIAMOND ULT AVAILABLE IN: 12",14"	RA									
DIAMOND UNIVERSAL AVAILABLE IN: 4", 4-1/2", 7", 12", 14"										
ASPHALT & GREEN CONCI	RETE									
AVAILABLE IN: 12",14" AVAILABLE IN: 12",14" TUCK POINT										

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MASONRY DIAMOND CUTTING

DIAMOND ULTRA SEGMENTED BLADES

OVERVIEW

MILWAUKEE® Diamond Ultra Segmented Blades are engineered with notch segments which provide up to 25% faster cutting in cured concrete, reinforced concrete, stone, paver, brick and block. The laser-welded saw blades provide maximum durability when wet or dry cutting rebar and other tough materials. MILWAUKEE® designed these Diamond Ultra Segmented Blades for use with their MX FUEL™ 14" Cut-Off Saw and other hand-held cut-off saws to deliver the fastest cutting compared to other diamond blades on general purpose concrete and masonry materials.

FEATURES

- Fastest cutting compared to other MILWAUKEE® Diamond Blades
- Maximum Run-Time
- Laser Welded: Maximum durability

DIAMOND ULTRA SEGMENTED BLADES

Description	Arbor	Tool Use	Part No.
12" Diamond Ultra Blade	1", 20 mm	初层城崖	49-93-7535
14" Diamond Ultra Blade	1", 20 mm	的医梅兰	49-93-7540

DIAMOND PREMIUM CUTTING BLADES

FEATURES

- Extended Life
- Segmented Rim: Fast cutting
- Turbo Rim: Smooth cutting





DIAMOND PREMIUM CUTTING BLADES

Description	Arbor	Tool Use	Part No.	
4" Diamond Premium Segmented Cutting Blade	7/8", 20 mm, 5/8"		49-93-7000	
4-1/2" Diamond Premium Segmented Cutting Blade	7/8", 20 mm, 5/8"	<u></u>	49-93-7005	
7" Diamond Premium Segmented Cutting Blade	7/8", DM, 5/8"	<u></u>	49-93-7020	
12" Diamond Premium Segmented Cutting Blade	1", 20 mm	初思地	49-93-7935	
14" Diamond Premium Segmented Cutting Blade	1", 20 mm	动气性	49-93-7940	
4" Diamond Premium Turbo Cutting Blade	7/8", 20 mm, 5/8"	<u></u>	49-93-8006	
4-1/2" Diamond Premium Turbo Cutting Blade	7/8", 20 mm, 5/8"	<u></u>	49-93-8008	
7" Diamond Premium Turbo Cutting Blade	7/8", DM, 5/8"	<u></u>	49-93-8018	
9" Diamond Premium Segmented Blade	7/8", DM, 5/8"	30 O N	49-93-7025	



DIAMOND CUTTING BLADES

DIAMOND CUTTING BLADES

Description	Arbor	Tool Use	Part No.
12" Diamond Segmented Cutting Blade	1", 20 mm	20 🖺	49-93-7035
14" Diamond Segmented Cutting Blade	1", 20 mm	和	49-93-7040

DIAMOND UNIVERSAL CUTTING BLADES

FEATURES

- Hard and soft materials
- Longest Life compared to other MILWAUKEE® Diamond Blades
- Segmented Turbo Rim: Fast and smooth cutting



DIAMOND UNIVERSAL CUTTING BLADES

Description	Arbor	Tool Use	Part No.
4" Diamond Universal Cutting Blade	7/8", 20 mm, 5/8"		49-93-7100
4-1/2" Diamond Universal Cutting Blade	7/8", 20 mm, 5/8"		49-93-7105
7" Diamond Universal Cutting Blade	7/8", DM, 5/8"	<u> </u>	49-93-7120
12" Diamond Universal Cutting Blade	1", 20 mm	加多斯	49-93-7135
14" Diamond Universal Cutting Blade	1", 20 mm	加多斯	49-93-7140
9" Diamond Universal Segmented Blade	7/8", DM, 5/8"		49-93-7125

SPECIALTY CUTTING BLADES

SPECIALTY CUTTING BLADES

Description	Arbor	Tool Use	Part No.
4-1/2" Tuck Point Blade	7/8", 20 mm, 5/8"	24	49-93-7405
12" Ductile Iron Blade	1", 20 mm	as É	49-93-7335
14" Ductile Iron Blade	1", 20 mm	as É	49-93-7340
12" Asphalt & Green Concrete Blade	1", 20 mm	加多斯	49-93-7235
14" Asphalt & Green Concrete Blade	1", 20 mm	加氢酸	49-93-7240







DIAMOND PREMIUM CUP WHEELS

OVERVIEW

MILWAUKEE® Diamond Cup Wheels are designed to the highest standards, using only quality diamonds. Available in sizes 4", 5" and 7", Single-Row cup wheels are designed for fast removal, shaping, and smoothing of concrete, masonry and stone. MILWAUKEE® provides cup wheels in Single-Row, Double-Row and Segmented-Turbo.

FEATURES

- Single-Row: Fast material removal
- Double-Row: Smoother finish
- Segmented-Turbo: Fast material removal and smoother finish
- 5/8"-11 Thread: For use with standard grinders

DIAMOND PREMIUM CUP WHEELS

Description	Thread	Tool Use	Part No.
4" Single-Row Diamond Cup Wheel	5/8"-11	E.	49-93-7700
5" Single-Row Diamond Cup Wheel	5/8"–11	St.	49-93-7710
7" Single-Row Diamond Cup Wheel	5/8"–11	St.	49-93-7720
4" Double-Row Diamond Cup Wheel	5/8"–11	St.	49-93-7750
5" Double-Row Diamond Cup Wheel	5/8"–11	St.	49-93-7760
7" Double-Row Diamond Cup Wheel	5/8"–11	St.	49-93-7770
4" Segmented-Turbo Diamond Cup Wheel	5/8"–11	St.	49-93-7780
5" Segmented-Turbo Diamond Cup Wheel	5/8"–11	St.	49-93-7790
7" Segmented-Turbo Diamond Cup Wheel	5/8"–11	2	49-93-7795

METAL DIAMOND CUTTING

STEELHEAD™ DIAMOND METAL CUTTING BLADES

OVERVIEW

MILWAUKEE® STEELHEAD™ Diamond Cut-Off Blades are designed to the highest standards, using only quality diamonds. Available in sizes 4"-14", STEELHEAD™ Diamond Cut-Off Blades are uniquely engineered to cut metal materials. All STEELHEAD™ Blades are designed to be used dry.

FEATURES

- Cuts More Steel: Up to 75X longer life vs. bonded abrasives
- Maintains Diameter: Steel core ensures consistent cutting depth
- Minimizes Debris: Solid steel body will not disintegrate during cutting



UP TO
LONGER LIFE



STEELHEAD™ DIAMOND METAL CUTTING BLADES

Size	Arbor	Part No.
4"	7/8" – 5/8"	49-93-7800
4-1/2"	7/8" – 5/8"	49-93-7805
5"	7/8" – 5/8"	49-93-7810
6"	7/8" – 5/8"	49-93-7815

Size	Arbor	Part No.
7"	7/8", DM, 5/8"	49-93-7820
12"	1", 20 mm	49-93-7835
14"	1", 20 mm	49-93-7840

MASO

MASONRY DIAMOND CORING

DIAMOND CORE BIT SELECTION GUIDE

	Optimal	Good Acceptable		Not Recommend	led
		DIAMON	D ULTRA	DIAMOND PREMIUM	DIAMOND
		WET: TALL, THIN, SEGMENT	DRY: TALL, THIN, SEGMENT	TURBO SEGMENT	FLAT SEGMENT
	SPEED				
	RUN-TIME				
	EASY STARTS				
	DIAMOND QUALITY				
MATERIALS	REBAR				
MATE	CONCRETE				

DIAMOND ULTRA WET CORE BITS

OVERVIEW

MILWAUKEE® Diamond Ultra Wet Core Bits are engineered with thin kerf segments to provide the fastest drilling in reinforced concrete applications. These Diamond Ultra Wet Core Bits deliver up to 20% longer run-time versus other MILWAUKEE® wet core bits. Available in sizes 5/8" − 8", Diamond Ultra Wet Core Bits are specifically designed for use with the MX FUEL™ Core Drill and corded core drills.

FEATURES

- Fastest Drilling compared to other MILWAUKEE® wet core bits
 - Maximum Run-Time
 - Ideal for concrete and concrete with rebar





DIAMOND ULTRA WET CORE BITS

Size	Thread	Part No.
5/8"	5/8"–11	48-17-5006
3/4"	5/8"–11	48-17-5007
7/8"	5/8"–11	48-17-5009
1"	5/8"–11	48-17-5010

Size	Thread	Part No.	Size
1-1/2"	5/8"-11	48-17-5015	3-1/2"
2"	1-1/4"-7	48-17-5020	4"
2-1/2"	1-1/4"-7	48-17-5025	4-1/2"
3"	1-1/4"-7	48-17-5030	5"
			,

Size	Thread	Part No.	
3-1/2"	1-1/4"-7	48-17-5035	
4"	1-1/4"-7	48-17-5040	
4-1/2"	1-1/4"-7	48-17-5045	

1-1/4"-7 48-17-5050

Size	Thread	Part No.
6"	1-1/4"-7	48-17-5060
8"	1-1/4"-7	48-17-5080

DIAMOND WET CORE BITS

DIAMOND WEI COME DITO			
Thread	Part No.		
1-1/4"-7	48-17-2020		
1-1/4"-7	48-17-2025		
1-1/4"-7	48-17-2030		
1-1/4"-7	48-17-2035		
1-1/4"-7	48-17-2040		
	1-1/4"-7 1-1/4"-7 1-1/4"-7 1-1/4"-7		

Size	Thread	Part No.
4-1/4"	1-1/4"-7	48-17-2042
4-1/2"	1-1/4"-7	48-17-2045
5"	1-1/4"-7	48-17-2050
6"	1-1/4"-7	48-17-2060

DIAMOND PREMIUM WET CORE BITS

OVERVIEW

MILWAUKEE® Diamond Premium Wet Core Bits are designed to the highest standards, using only quality diamonds. Available in sizes 3/4"-14", Diamond Premium Wet Core bits offer exceptional drilling life and speed in cured concrete with hard aggregate and medium steel reinforcement. Bits are 15" in length.

FEATURES

- Long Life in cured concrete with hard aggregate and medium steel reinforcement
- Threaded Cap: Allows for bit extension
- V-shaped Turbo Segment: Provides faster cutting action

DIAMOND PREMIUM WET CORE BITS

Size	Thread	Part No.
3/4"	5/8"–11	48-17-3007
7/8"	5/8"–11	48-17-3009
1"	5/8"–11	48-17-3010
1-1/4"	5/8"–11	48-17-3012
1-1/2"	5/8"–11	48-17-3015
2"	1-1/4"-7	48-17-3020
2-1/2"	1-1/4"-7	48-17-3025
2-3/4"	1-1/4"-7	48-17-3027

Size	Thread	Part No.
3"	1-1/4"-7	48-17-3030
3-1/2"	1-1/4"-7	48-17-3035
4"	1-1/4"-7	48-17-3040
4-1/4"	1-1/4"-7	48-17-3042
4-1/2"	1-1/4"-7	48-17-3045
5"	1-1/4"-7	48-17-3050
6"	1-1/4"-7	48-17-3060
6-1/4"	1-1/4"-7	48-17-3062

Size	Thread	Part No.
8"	1-1/4"-7	48-17-3080
10"	1-1/4"-7	48-17-3100
12"	1-1/4"-7	48-17-3120
14"	1-1/4"-7	48-17-3140

OVERVIEW

MILWAUKEE® Diamond Pre-Stressed Concrete Wet Core Bits are designed to the highest standards, using only quality diamonds. Available in sizes 1"-6", Diamond Pre-Stressed Wet Core Bits are designed specifically for the extra demands of drilling pre-stressed concrete. The cutting segments feature small gaps, preventing the bit from snagging on pre-tensioned cables or wire mesh. This bit is 15" in length and contains a 5/8"-11 thread.

DIAMOND PRE-STRESSED CONCRETE WET CORE BITS

FEATURES

- Designed specifically for demands of drilling pre-stressed concrete
- 15" Drilling Depth
- Designed to be used wet

DIAMOND PRE-STRESSED CONCRETE WET CORE BITS

Size	Thread	Part No.
1"	5/8"–11	48-17-1010
1-1/2"	5/8"–11	48-17-1015
2"	1-1/4"-7	48-17-1020
2-1/2"	1-1/4"-7	48-17-1025

BII 2				
Н	Size	Thread	Part No.	
	3"	1-1/4"-7	48-17-1030	
	3-1/2"	1-1/4"-7	48-17-1035	
	4"	1-1/4"-7	48-17-1040	
	4-1/2"	1-1/4"-7	48-17-1045	

Size	Thread	Part No.
5"	1-1/4"-7	48-17-1050
6"	1-1/4"-7	48-17-1060

DIAMOND WET CORE BITS

OVERVIEW

MILWAUKEE® Diamond Wet Core Bits are designed to the highest standards, using only quality diamonds. Available in sizes 2"-6", Diamond Wet Core Bits are ideal for drilling holes in cured concrete with no reinforcement or with small diameter steel mesh and rebar. This bit is 15" in length and contains a 1-1/4"-7 thread.

FEATURES

- Fast drilling in cured concrete with small diameter steel mesh and rebar
- 15" Drilling Depth
- Designed to be used wet



DIAMOND WET CORE BIT EXTENSIONS

OVERVIEW

Allows for quick and easy extended-depth drilling applications. This extension adds 12" to the drill tube length for MILWAUKEE® Diamond Premium Wet Core Bits.

FEATURES

- Designed to be used with MILWAUKEE® Diamond Premium Wet Core Bits
- Extends core bit drilling depth by 12"
- Apply anti-seize lubricant to threads before use





DIAMOND WET CORE BIT EXTENSIONS

Size	Thread	Part No.
1"	5/8"–11	48-17-4010
1-1/4"	5/8"–11	48-17-4012
1-1/2"	5/8"–11	48-17-4015
2"	1-1/4"-7	48-17-4020
2-1/2"	1-1/4"-7	48-17-4025
3"	1-1/4"-7	48-17-4030

Size	Thread	Part No.
3-1/2"	1-1/4"-7	48-17-4035
4"	1-1/4"-7	48-17-4040
4-1/4"	1-1/4"-7	48-17-4042
4-1/2"	1-1/4"-7	48-17-4045
5"	1-1/4"-7	48-17-4050

DIAMOND ULTRA DRY CORE BITS

OVERVIEW

MILWAUKEE® Diamond Ultra Dry Core Bits are engineered with thin kerf segments to provide the fastest drilling in concrete, brick and block applications. These Diamond Ultra Dry Core Bits deliver up to 20% longer run-time versus other MILWAUKEE® dry core bits. The Diamond Ultra Dry Core Bits are specifically designed for use with the MX FUEL™ Core Drill and corded core drills. The Ultra Dry Core Bits feature a 13" drilling depth and 1-1/4"-7 thread connection for easy no-adapter use in the MX FUEL™ Core Drill.

FEATURES

- Fastest drilling compared to other MILWAUKEE® dry core bits
- Maximum Run-Time
- Ideal for concrete, brick and block

DIAMOND ULTRA DRY CORE BITS

Size	Thread	Part No.
1-1/4"	1-1/4"-7	48-17-0112
2"	1-1/4"-7	48-17-0120
2-1/2"	1-1/4"-7	48-17-0125
3"	1-1/4"-7	48-17-0130

Size	Thread	Part No.
3-1/2"	1-1/4"-7	48-17-0135
4"	1-1/4"-7	48-17-0140
5"	1-1/4"-7	48-17-0150
6"	1-1/4"-7	48-17-0160



DIAMOND DRY CORE BITS

OVERVIEW

MILWAUKEE® Diamond Dry Core Bits are designed to the highest standards, using only quality diamonds. Available in sizes 1"-6", Diamond Dry Core Bits are ideal for drilling brick and block with no reinforcement. The large slots facilitate cooling of the bit as well as extracting the cores. The thinner wall provides increased drilling speed. This bit is 10" in length and contains a 5/8-11 thread.

FEATURES

- For use in masonry, brick and block with no reinforcement
- 10" Drilling Depth
- Designed to be used dry



DIAMOND DRY CORE BITS

Size	Thread	Part No.
1"	5/8"–11	48-17-0010
1-1/2"	5/8"-11	48-17-0015
2"	5/8"-11	48-17-0020
2-1/2"	5/8"–11	48-17-0025
3"	5/8"–11	48-17-0030

Size	Thread	Part No.
3-1/2"	5/8"-11	48-17-0035
4"	5/8"-11	48-17-0040
4-1/2"	5/8"-11	48-17-0045
5"	5/8"-11	48-17-0050
6"	5/8"-11	48-17-0060

DIAMOND CORE BIT ACCESSORIES

DIAMOND CORE BIT ADAPTERS

Thread	Part No.
5/8"–11	48-17-6002
1-1/4"-7	48-17-6004
-	45-88-8565
1-1/4"-7	48-17-6006
5/8"–11	48-17-6008
	5/8"-11 1-1/4"-7 - 1-1/4"-7



	Description	Thread	Part No.
	5/8"-11 x 6" Core Bit Extension	5/8"-11	48-17-6010
)	5/8"-11 x 12" Core Bit Extension	5/8"-11	48-17-6012
	1-1/4"-7 x 6" Core Bit Extension	1-1/4"-7	48-17-6014
	1-1/4"-7 x 12" Core Bit Extension	1-1/4"-7	48-17-6016





DRIVING & FASTENING

SHOCKWAVE IMPACT DUTY™ DRIVER BITS

OVERVIEW

Our SHOCKWAVE Impact Duty™ Driver Bits are engineered to be the Most Durable, Best Fitting driver bits on the market. The WEAR GUARD TIP™ delivers increased wear resistance which protects your impact bit's fit over the life of the bit. The SHOCK ZONE™ is optimized for each tip type and length of driver bit in the set to absorb peak torque and prevent breaking. The driver bits have CUSTOM ALLOY76™ for a customized steel and heat treatment per tip type to extend the life of your driver bits, providing up to 50X life versus other impact driver bits on the market. Our MILWAUKEE® SHOCKWAVE Impact Duty™ driver bits are built to provide you with extreme durability for the most demanding applications.

FEATURES

- Optimized SHOCK ZONE[™]: Absorbs peak torque and prevents breaking
- WEAR GUARD TIP™: Protects the fit over the life of the driver bit
- CUSTOM ALLOY76[™] Steel: Customized per tip type to extend the life of the driver bit





♦ SHOCKWAVE IMPACT DUTY™ PHILLIPS DRIVER BITS

Bit	Length	1 Pack	2 Pack	5 Pack	15 Contractor Pack	25 Contractor Pack	25 Pack + Compact Magnetic Bit Holder	10 Pack	25 Pack	250 Pack	Bulk 10	Bulk 25	Bulk 250
	1"	_	48-32-4411	48-32-4661	-	-	-	-	48-32-4111	48-32-4280	-	48-32-4711	48-32-4880
PH1	2"	48-32-4461	48-32-4961	48-32-4638	-	-	-	-	48-32-4160	-	-	48-32-4760	-
РПІ	3-1/2"	48-32-4560	48-32-4660	48-32-4565	-	-	-	-	-	-	-	-	-
	6"	48-32-4800	-	-	-	-	-	48-32-4201	-	-	48-32-4801	-	-
	1"	-	48-32-4412	48-32-4601	48-32-5003	48-32-4604	48-32-5009	-	48-32-4112	48-32-4281	-	48-32-4712	48-32-4881
PH2	2"	48-32-4462	48-32-4962	48-32-4602	48-32-5004	-	-	-	48-32-4162	48-32-4262	-	48-32-4762	48-32-4862
PHZ	3-1/2"	48-32-4562	48-32-4662	48-32-4564	-	-	-	-	48-32-4191	-	-	48-32-4791	-
	6"	48-32-4802	-	-	-	-	-	48-32-4207	-	-	48-32-4807	-	-
PR2	1"	-	48-32-4444	-	-	48-32-4644	-	-	48-32-4114	-	-	48-32-4746	-
	1"	-	48-32-4413	48-32-4663	-	-	-	-	48-32-4113	48-32-4282	-	48-32-4713	48-32-4882
PH3	2"	48-32-4463	48-32-4963	48-32-4639	-	-	-	-	48-32-4163	48-32-4263	-	48-32-4763	48-32-4863
PH3	3-1/2"	48-32-4563	48-32-4664	48-32-4566	-	-	-	-	48-32-4192	-	-	48-32-4792	-
	6"	48-32-4308	-	-	-	-	-	48-32-4208	-	-	48-32-4808	-	-



♦ SHOCKWAVE IMPACT DUTY[™] POZIDRIV® DRIVER BITS

Bit	Length	1 Pack	2 Pack
PZ1	1"	-	48-32-4431
PZI	2"	48-32-4831	-

Bit	Length	1 Pack	2 Pack
D70	1"	-	48-32-4432
PZ2	2"	48-32-4832	-

Bit	Length	1 Pack	2 Pack
PZ3	1"	-	48-32-4433
	2"	48-32-4833	-

○ SHOCKWAVE IMPACT DUTY[™] SQUARE DRIVER BITS

Bit	Length	1 Pack	2 Pack	5 Pack	10 Contractor Pack	15 Contractor Pack	10 Pack	25 Pack	Bulk 10	Bulk 25
	1"	-	48-32-4421	48-32-4621	-	-	-	48-32-4161	-	48-32-4761
SQ1	2"	48-32-4471	48-32-4971	48-32-4671	-	-	-	48-32-4171	-	48-32-4771
SQI	3-1/2"	48-32-4571	48-32-4670	48-32-4575	-	-	-	48-32-4194	-	48-32-4794
	6"	48-32-4622	-	-	-	-	48-32-4214	-	48-32-4814	-
	1"	-	48-32-4422	48-32-4605	48-32-5008	-	-	48-32-4122	-	48-32-4722
SQ2	2"	48-32-4472	48-32-4972	48-32-4606	-	48-32-5010	-	48-32-4172	-	48-32-4772
SQ2	3-1/2"	48-32-4572	48-32-4672	48-32-4574	-	-	-	48-32-4195	-	48-32-4795
	6"	48-32-4805	-	48-32-4855	-	-	48-32-4215	-	48-32-4815	-
	1"	-	48-32-4423	-	-	-	-	-	-	48-32-4723
000	2"	48-32-4473	48-32-4910	-	-	-	-	48-32-4173	-	48-32-4773
SQ3	3-1/2"	48-32-4573	-	-	-	-	-	48-32-4196	-	48-32-4796
	6"	48-32-4809	_	_	-	-	48-32-4216	-	48-32-4816	-

♦ SHOCKWAVE IMPACT DUTY[™] TORX® DRIVER BITS

	Bit	Length	1 Pack	2 Pack	5 Pack	7 PC	15 Pack Contractor Pack	25 Pack + Compact Magnetic Bit Holder	10 Pack	25 Pack	Bulk 10	Bulk 25
		1"	-	48-32-4427	48-32-4627	-	_	-	-	-	-	-
	T10	2"	48-32-4482	48-32-4982	48-32-4682	-	-	-	-	48-32-4182	-	48-32-4782
		3-1/2"	-	48-32-4676	48-32-4576	-	-	-	-	-	-	-
		1"	-	48-32-4428	48-32-4628	-	-	-	-	48-32-4134	-	48-32-4734
		2"	48-32-4483	48-32-4983	48-32-4683	-	-	-	-	-	-	48-32-4783
	T15	3-1/2"	-	48-32-4677	48-32-4577	-	-	-	-	48-32-4394	-	48-32-4594
		6"	-	-	-	_	-	-	48-32-4244	-	48-32-4844	-
		1"	-	48-32-4414	48-32-4614	-	48-32-5011	48-32-5013	-	48-32-4135	-	48-32-4735
		2"	48-32-4484	48-32-4984	48-32-4684	-	48-32-5012	-	-	48-32-4184	-	48-32-4784
	T20	3-1/2"	-	48-32-4678	48-32-4578	-	-	-	-	48-32-4395	-	48-32-4595
		6"	-	-	-	-	-	-	48-32-4245	-	48-32-4845	-



○ SHOCKWAVE IMPACT DUTY[™] TORX[®] DRIVER BITS

SHOOKWAY			IIA DINIVE								
Bit	Length	1 Pack	2 Pack	5 Pack	7 PC	15 Pack Contractor Pack	25 Pack + Compact Magnetic Bit Holder	10 Pack	25 Pack	Bulk 10	Bulk 25
	1"	-	48-32-4436	48-32-4636	-	48-32-5014	48-32-5016	-	48-32-4136	-	48-32-4736
T25	2"	48-32-4485	48-32-4985	48-32-4685	-	48-32-5015	-	-	48-32-4185	-	48-32-4785
125	3-1/2"	48-32-4561	48-32-4679	48-32-4579	-	-	-	-	48-32-4396	-	48-32-4596
	6"	48-32-4810	-	-	-	-	-	48-32-4246	-	48-32-4846	_
	2"	48-32-4486	-	-	-	-	-	-	-	-	48-32-4786
T27	3-1/2"	-	-	-	-	-	-	-	48-32-4397	-	48-32-4597
	6"	-	-	-	-	-	-	48-32-4247	-	48-32-4847	-
	1"	-	48-32-4437	48-32-4637	-	-	-	-	-	-	-
T 00	2"	48-32-4487	48-32-4914	48-32-4687	-	-	-	-	48-32-4187	-	48-32-4787
T30	3-1/2"	48-32-4289	48-32-4680	48-32-4580	-	-	-	-	48-32-4398	-	48-32-4598
	6"	48-32-4290	-	-	-	-	-	48-32-4248	-	48-32-4848	-
T40	2"	48-32-4488	-	-	-	-	-	-	48-32-4188	-	48-32-4788
T50	1"	-	48-32-4989	-	-	-	-	-	48-32-4189	-	48-32-4789
7 PC TORX® Inse (T10, T15, T20, T2 T30, T40)	25, T27,	-	-	-	48-32-4615	-	-	-	-	-	-

)	

○ SHOCKWAVE IMPACT DUTY[™] HEX DRIVER BITS

O GIIGGIATE IIII AGI DOTT							
SAE Bit	Length	Bulk 25					
1/16"	1"	48-32-4700					
5/64"	1"	48-32-4701					
3/32"	1"	48-32-4702					

SAE Bit	Length	Bulk 25
7/64"	1"	48-32-4703
1/8"	1"	48-32-4704
9/64"	1"	48-32-4705

SAE Bit	Length	Bulk 25
5/32"	1"	48-32-4706
3/16"	1"	48-32-4707
1/4"	1"	48-32-4709

SAE Bit	Length	9 Pack
9 PC SAE Hex Insert Bits (1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 1/4")	1"	48-32-4616

O SHOCKWAVE IMPACT DUTY™ METRIC HEX DRIVER BITS

Metric Bit	Length	Bulk 25
2.5 mm	1"	48-32-4724
3 mm	1"	48-32-4725
4 mm	1"	48-32-4726

Metric Bit	Length	Bulk 25
5 mm	1"	48-32-4727
6 mm	1"	48-32-4728
8 mm	1"	48-32-4729

Metric Bit	Length	Bulk 25	
10 mm	1"	48-32-4730	
12 mm	1"	48-32-4731	

Metric Bit	Length	8 Pack
8 PC Metric Hex Insert Bits (2.5 mm, 3 mm, 4 mm, 5 mm, 6 mm, 8 mm, 10 mm, 12 mm)	1"	48-32-4617

SHOCKWAVE IMPACT DUTY™ DOUBLE-ENDED DRIVER BITS

Bit	Length	1 Pack
PH2/SL#10	2-3/8"	48-32-4310
PH2/SQ2	2-3/8"	48-32-4311

Bit	Length	1 Pack
PH2/T25	2-3/8"	48-32-4312
T20/T25	2-3/8"	48-32-4313

SHOCKWAVE IMPACT DUTY™ SPECIALTY DRIVER BITS

SHOCKWAVE IMPACT DUTY™ SLOTTED DRIVER BITS

Drive Size	Length	1 Pack	2 Pack	25 Pack	Bulk 25
SL7/64" / SL#4	1"	-	-	48-32-4115	48-32-4715
3L1/04 / 3L#4	2"	-	-	48-32-4155	48-32-4755
SL1/8" / SL#6	1"	-	48-32-4416	48-32-4116	48-32-4716
3L1/6 / 3L#6	2"	48-32-4916	-	48-32-4156	48-32-4756
SL3/16" / SL#8	1"	-	48-32-4417	48-32-4117	48-32-4717
3L3/10 / 3L#6	2"	48-32-4919	-	48-32-4157	48-32-4757

Drive Size	Length	1 Pack	2 Pack	25 Pack	Bulk 25
SL1/4" / SL#10	1"	-	48-32-4418	48-32-4118	48-32-4718
3L1/4 / 3L#10	2"	48-32-4918	-	48-32-4158	48-32-4758
01.0/0011/.01.1140	1"	-	-	48-32-4119	48-32-4719
SL9/32" / SL#12	2"	-	-	48-32-4159	48-32-4759
SL3/16" / SL#8 SL1/4" / SL#10	2"	-	48-32-4920	-	-

SHOCKWAVE IMPACT DUTY™ SPECIALTY DRIVER BITS				
	Description	Incl	ludes	Part No.
	Specialty Wood Screws SHOCKWAVE Impact Duty™ 1" Insert Bits (2 pk)	(2) HEADLOK™ Bits 1"		48-32-4448
Elin O	Specialty Wood Screws SHOCKWAVE Impact Duty™ 2" Insert Bits (2 pk)	(2) HEADLOK" Bits 2"	?) HEADLOK™ Bits 2"	
SICCEPTY MIX ©	7 PC SHOCKWAVE Impact Duty™ Hex Security 1" Insert Bit Set	(1) Hex Security Bit 1" 5/64" (1) Hex Security Bit 1" 3/32" (1) Hex Security Bit 1" 7/64" (1) Hex Security Bit 1" 1/8"	(1) Hex Security Bit 1" 9/64" (1) Hex Security Bit 1" 5/32" (1) Hex Security Bit 1" 3/16"	48-32-4619
	9 PC SHOCKWAVE Impact Duty™ Security 1" Insert Bit Set	(1) TORX® Security Bit 1" T20 (2) TORX® Security Bits 1" T25 (1) TORX® Security Bit 1" T30 (1) Hex Security Bit 1" 1/8"	(1) Hex Security Bit 1" 5/32" (1) Spanner Bit 1" SL#10 (1) Clutch G Bit 1" 3/16" (1) Clutch G Bit 1" 5/32"	48-32-4620

७ SHOCKWAVE IMPACT DUTY™ ECX™ DRIVER BITS

Drive Size	Length	25 Pack	Bulk 25
ECX1	1"	48-32-4141	48-32-4741
ECXI	2"	48-32-4144	48-32-4744
FOVO	1"	48-32-4142	48-32-4742
ECX2	2"	48-32-4145	48-32-4745

Drive Size	Length	2 Pack
ECX [™] Combo	1"	48-32-4440
#1, #2	2"	48-32-4443



SHOCKWAVE IMPACT DUTY™ SPECIALTY DRIVER BITS

Description	Includes		Part No.
10 PC SHOCKWAVE Impact Duty™ TORX® Security 1" Insert Bit Set	(1) TORX® Security Bit 1" T7 (1) TORX® Security Bit 1" T8 (1) TORX® Security Bit 1" T9 (1) TORX® Security Bit 1" T10 (1) TORX® Security Bit 1" T15	(1) TORX® Security Bit 1" T20 (1) TORX® Security Bit 1" T25 (1) TORX® Security Bit 1" T27 (1) TORX® Security Bit 1" T30 (1) TORX® Security Bit 1" T40	48-32-4618

SHOCKWAVE IMPACT DUTY™ MAGNETIC BIT HOLDERS

OVERVIEW

MILWAUKEE® SHOCKWAVE Impact Duty™ Magnetic Bit Holders are engineered for extreme durability and up to 30X longer life. They are made from CUSTOM ALLOY76™ Steel that maximizes resistance to wear and shock. The bit holders feature an optimized SHOCK ZONE™ which absorbs peak torque and prevents the adapter from breaking. SHOCKWAVE Impact Duty™ Magnetic Bit Holders offer extreme durability for even the most demanding applications.



FEATURES

- CUSTOM ALLOY76™ Steel: Maximizes resistance to wear and shock
- Optimized SHOCK ZONE™: Absorbs peak torque and prevents breaking
- Internal Magnet: Holds fastener
- C-Ring: Holds insert bit in place

SHOCKWAVE IMPACT DUTY™ MAGNETIC BIT HOLDERS

Description	Size	1 Pack	10 Pack	250 Pack	Bulk 10	Bulk 250
SHOCKWAVE Impact Duty [™] Magnetic Bit Holder	Compact	48-32-4502	-	48-32-4204	48-32-4504	48-32-4804
SHOCKWAVE Impact Duty™ Magnetic Bit Holder	3"	48-32-4503	48-32-4305	48-32-4203	48-32-4505	48-32-4803
SHOCKWAVE Impact Duty™ Magnetic Bit Holder	6"	48-32-4511	-	-	48-32-4521	-
SHOCKWAVE Impact Duty™ Magnetic Bit Holder	12"	48-32-4512	-	-	48-32-4522	-



SHOCKWAVE IMPACT DUTY™ LOCKING BIT HOLDERS

OVERVIEW

MILWAUKEE® SHOCKWAVE Impact Duty™ Locking Bit Holders are engineered to be the most durable, strongest locking bit holders on the market. The intuitive auto-locking design fits all inserts and 1/4" hex bits, the small-profile quick release collar allows for easy one-handed bit tip changes. The new locking bit holders feature two magnets to maximize magnetic transfer and holding power to the fastener and prevent drops. As with all SHOCKWAVE Impact Duty™ Accessories, each bit holder features an optimized SHOCK ZONE™ geometry to provide up to 30X longer life and absorb 3X more torque to prevent breakage.



FEATURES

- Auto-Locking Design: Fits all inserts and 1/4" hex bits
- Quick Release Collar: One-handed bit changes
- Dual Magnets: Maximize magnetic transfer and holding power to fastener
- Optimized SHOCK ZONE™: Absorbs peak torque and prevents breaking

SHOCKWAVE IMPACT DUTY™ LOCKING BIT HOLDERS

Description	1 Pack
2-7/8" SHOCKWAVE Impact Duty™ Locking Bit Holder	48-32-4531
6" SHOCKWAVE Impact Duty™ Locking Bit Holder	48-32-4532
12" SHOCKWAVE Impact Duty™ Locking Bit Holder	48-32-4533
18" SHOCKWAVE Impact Duty™ Locking Bit Holder	48-32-4534





SHOCKWAVE IMPACT DUTY™ MAGNETIC DRIVE GUIDES

OVERVIEW

SHOCKWAVE Impact Duty™ Magnetic Drive Guides are engineered to be the most durable and offer the best control on the market. The new stainless steel sleeve provides increased fastener stability and 2X the magnetism of our previous drive guide. MILWAUKEE® drive guides also feature a laser-etched depth gauge for best-in-class depth control. The new drive guides feature our optimized SHOCK ZONE™ that absorbs peak torque and provides us up to 30X longer life vs. the competition.



FEATURES

- Optimized SHOCK ZONE™: Absorbs peak torque and prevents breaking
- Stainless Steel Sleeve: Extends for improved fastener stability
- Laser-etched Depth Gauge: Increased fastener control
- Magnet: Holds fasteners to the drive guide
- C-Ring: Retains the insert bit
- CUSTOM ALLOY76™ Steel: Maximizes resistance to wear and shock

SHOCKWAVE IMPACT DUTY™ MAGNETIC DRIVE GUIDES

Description	1 Pack	Bulk 10
3" SHOCKWAVE Impact Duty™ Magnetic Drive Guide	48-32-4508	48-32-4509
4" SHOCKWAVE Impact Duty™ Magnetic Drive Guide	48-32-4516	48-32-4526
6" SHOCKWAVE Impact Duty™ Magnetic Drive Guide	48-32-4517	48-32-4527

SHOCKWAVE IMPACT DUTY™ MAGNETIC DRIVE GUIDE SETS

Description		Includes	Part No.
	3 PC SHOCKWAVE Impact Duty [™] Magnetic Drive Guide Set	(1) 3" Magnetic Drive Guide (1) 4" Magnetic Drive Guide (1) 6" Magnetic Drive Guide	48-32-4519
	7 PC SHOCKWAVE Impact Duty [™] Magnetic Drive Guide Set	(1) 3" Magnetic Drive Guide (2) Phillips Insert Bits 1" PH2 (1) Square Recess Insert Bit 1" SQ2 (1) TORX® Insert Bit 1" T20 (2) TORX® Insert Bits 1" T25	48-32-4515
C .	7 PC SHOCKWAVE Impact Duty [™] Magnetic Drive Guide Set	(1) 6" Magnetic Drive Guide (2) Phillips Insert Bits 1" PH2 (1) Square Recess Insert Bit 1" SQ2 (1) TORX® Insert Bit 1" T20 (2) TORX® Insert Bits 1" T25	48-32-4518



SHOCKWAVE IMPACT DUTY™ SPECIALTY BIT HOLDERS

OVERVIEW

The MILWAUKEE® SHOCKWAVE Impact Duty™ Right Angle Adapter features an internal optimized SHOCK ZONE™ which absorbs peak torque and prevents breaking. The shank is made from CUSTOM ALLOY76™ Steel which is engineered for extended life. The hardened gears provide increased torque transfer for added durability. With only a 1/4" Slim Profile, the adapter allows access into the tightest of spaces. The SHOCKWAVE Impact Duty™ Right Angle Adapter is designed for use in both Impact Drivers and Drill Drivers and works with all 1/4" Hex Shank accessories.



FEATURES

- Optimzed Internal SHOCK ZONE™: Absorbs peak torque and prevents breaking
- CUSTOM ALLOY76[™] Steel: Engineered for extended life
- 1/4" Slim Profile: For tight access



SHOCKWAVE IMPACT DUTY™ SPECIALTY BIT HOLDERS

Description		Includes	Part No.
SHOCKWAVE Impact Duty™ Right Angle Adapter		(1) Impact Right Angle Adapter	48-32-2390
	5 PC SHOCKWAVE Impact Duty [™] Conduit Reaming Bit Holder	(1) Conduit Reaming Bit Holder (1) ECX" Insert Bit 1" ECX2 (1) Phillips Insert Bit 1" PH2 (1) Square Recess Insert Bit 1" SQ2 (1) Slotted Insert Bit 1" SL#10	48-32-2350
5.	5 PC SHOCKWAVE Impact Duty™ Conduit Reamer Replacement Blades	(2) Cap Screws (1) Hex Key (2) Replacement Blades	48-32-2351
TO COUNTY WIT	11 PC SHOCKWAVE Impact Duty™ 30° KNUCKLE™ Pivoting Bit Holder	(1) 30° KNUCKLE™ Pivoting Bit Holder (1) Phillips Insert Bit 1" PH1 (1) Phillips Insert Bit 1" PH2 (1) Phillips Insert Bit 1" PH3 (1) Square Recess Insert Bit 1" SQ1 (1) Square Recess Insert Bit 1" SQ2 (1) Slotted Insert Bit 1" SL#6 (1) Slotted Insert Bit 1" SL#8 (1) Slotted Insert Bit 1" SL#10 (1) Slotted Insert Bit 1" SL#12 (1) TORX® Insert Bit 1" T25	48-32-2301

49-66-4563



SHOCKWAVE IMPACT DUTY™ MAGNETIC NUT DRIVERS

OVERVIEW

MILWAUKEE® SHOCKWAVE Impact Duty™ Magnetic Nut Drivers are engineered for extreme durability and up to 30X life. They are made from CUSTOM ALLOY76™ Steel that maximizes resistance to wear and shock. The nut drivers feature a powerful magnet allowing for SECURE GRIP™ and unyielding bit engagement. The bits feature color-coded rings for quick and easy size identification and chamfered edges to allow for fastening in tight spaces. SHOCKWAVE Impact Duty™ Nut Drivers offer extreme durability for even the most demanding applications.

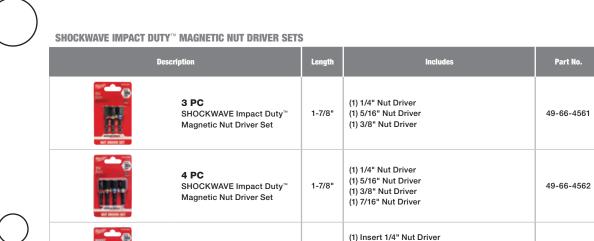


FEATURES

- CUSTOM ALLOY76[™] Steel: Maximizes resistance to wear and shock
- Strong Magnetic Tip: Secure grip
- Color-coded Band: Easy size identification

SHOCKWAVE IMPACT DUTY™ MAGNETIC NUT DRIVERS

Length	Size	1 Pack	3 Pack	10 Pack	250 Pack	Bulk 10	Bulk 250
	1/4"	-	49-66-4512	-	-	49-66-4712	-
	5/16"	-	49-66-4513	-	-	49-66-4713	-
Insert	3/8"	-	49-66-4515	-	-	49-66-4715	-
	7/16"	-	49-66-4516	-	-	49-66-4716	-
	1/2"	-	49-66-4517	-	-	49-66-4717	-
	1/4"	49-66-4502	49-66-4522	49-66-0502	-	49-66-4702	-
1-7/8"	5/16"	49-66-4503	49-66-4523	49-66-0503	-	49-66-4703	-
1-7/6	3/8"	49-66-4505	49-66-4525	49-66-0505	-	49-66-4705	-
	7/16"	49-66-4506	49-66-4526	49-66-0506	-	49-66-4706	-
	1/4"	49-66-4532	-	49-66-0532	49-66-0932	49-66-4732	49-66-4832
	5/16"	49-66-4533	-	49-66-0533	49-66-0933	49-66-4733	49-66-4833
	3/8"	49-66-4535	-	49-66-0535	49-66-0935	49-66-4735	49-66-4835
	7/16"	49-66-4536	-	49-66-0536	-	49-66-4736	-
2-9/16"	1/2"	49-66-4537	-	49-66-0537	-	49-66-4737	-
2-9/10	7 mm	-	-	49-66-0707	-	49-66-4607	-
	8 mm	-	-	49-66-0708	-	49-66-4608	-
	10 mm	-	-	49-66-0710	-	49-66-4610	-
	12 mm	-	-	49-66-0712	-	49-66-4612	-
	13 mm	-	-	49-66-0713	-	49-66-4613	-



SHOCKWAVE IMPACT DUTY™ BIT SETS

SHOCKWAVE Impact Duty™

1" Insert Nut Driver Set

5 PC

SHOCKWAVE IMPACT DUTY™ BIT SETS

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Des	cription	Incl	udes	Part No.
	10 PC SHOCKWAVE Impact Duty [™] Square Recess 2" Power Bit Set w/ Carabiner	(2) Square Bits 2" SQ1 (6) Square Bits 2" SQ2 (2) Square Bits 2" SQ3 (1) Carabiner		48-32-4090
	10 PC SHOCKWAVE Impact Duty" Square Recess 2" Power Bit Set w/ Carabiner	(10) Square Bits 2" SQ2 (1) Carabiner		48-32-4091
	10 PC SHOCKWAVE Impact Duty Phillips and Square Recess 2" Power Bit Set w/ Carabiner	(3) Phillips Bits 2" PH2 (1) Phillips Bit 2" PH3 (1) Square Bit 2" SQ1	(4) Square Bits 2" SQ2 (1) Square Bit 2" SQ3 (1) Carabiner	48-32-4092
	10 PC SHOCKWAVE Impact Duty™ TORX® 2" Power Bit Set w/ Carabiner	(1) Phillips Bit 2" PH2 (1) Square Bit 2" SQ2 (1) TORX® Bit 2" T10 (1) TORX® Bit 2" T15	(1) TORX® Bit 2" T20 (2) TORX® Bits 2" T25 (3) TORX® Bits 2" T30 (1) Carabiner	48-32-4093
	10 PC SHOCKWAVE Impact Duty [™] Expand Set	(1) 6" Magnetic Bit Holder (1) Compact Magnetic Bit Holder (2) Phillips Bits 1" PH2 (2) Square Bits 1" SQ2	(2) TORX® Bits 1" T25 (1) 1/4" Insert Magnetic Nut Driver (1) 5/16" Insert Magnetic Nut Driver	48-32-4513
	18 PC SHOCKWAVE Impact Duty [™] Driver Bit Set	(1) Compact Magnetic Bit Holder (1) Phillips Bit 1" PH1 (1) Phillips Bit 1" PH2 (1) Phillips Bit 1" PH3 (1) Square Bit 1" SQ1 (1) Square Bit 1" SQ2 (1) Slotted Bit 1" SL#8 (1) Slotted Bit 1" SL#10	(2) Phillips Bits 2" PH2 (1) Phillips Bit 2" PH3 (2) Square Bits 2" SQ2 (1) Square Bit 2" SQ3 (1) TORX® Bit 2" T20 (1) TORX® Bit 2" T25 (1) Phillips Bit 3-1/2" PH2 (1) Square Bit 3-1/2" SQ2	48-32-4403

(1) Insert 5/16" Nut Driver

(1) Insert 7/16" Nut Driver

(1) Insert 1/2" Nut Driver

(1) Insert 3/8" Nut Driver



SHOCKWAVE IMPACT DUT	TY™ BIT SETS			
	escription	Inc	ludes	Part No.
	22 PC SHOCKWAVE Impact Duty [™] Driver Bit Set Tube	(1) Compact Magnetic Bit Holder (1) Phillips Bit 1" PH1 (3) Phillips Bits 1" PH2 (2) Phillips Bits 1" PH3 (1) Square Bit 1" SQ1 (3) Square Bits 1" SQ2 (1) Square Bit 1" SQ3 (1) TORX® Bit 1" T10 (1) TORX® Bit 1" T15	(1) TORX® Bit 1" T20 (1) TORX® Bit 1" T25 (1) TORX® Bit 1" T27 (1) TORX® Bit 1" T30 (1) Slotted Bit 1" SL#6 (1) Slotted Bit 1" SL#8 (1) Slotted Bit 1" SL#10 (1) Slotted Bit 1" SL#10	48-32-4011
	22 PC SHOCKWAVE Impact Duty™ Driver Bit Set PDQ	(1) Compact Magnetic Bit Holder (1) Phillips Bit 1" PH1 (3) Phillips Bits 1" PH2 (2) Phillips Bits 1" PH3 (1) Square Bit 1" SQ1 (3) Square Bits 1" SQ2 (1) Square Bit 1" SQ3 (1) TORX® Bit 1" T10 (1) TORX® Bit 1" T15	(1) TORX® Bit 1" T20 (1) TORX® Bit 1" T25 (1) TORX® Bit 1" T27 (1) TORX® Bit 1" T30 (1) Slotted Bit 1" SL#6 (1) Slotted Bit 1" SL#8 (1) Slotted Bit 1" SL#10 (1) Slotted Bit 1" SL#10	48-32-4012
0000	26 PC SHOCKWAVE Impact Duty™ Drive and Fasten Set	(1) Compact Magnetic Bit Holder (1) Phillips Bit 1" PH1 (3) Phillips Bits 1" PH2 (1) Phillips Bits 1" PH3 (1) Square Bit 1" SQ1 (2) Square Bits 1" SQ2 (1) Square Bits 1" SQ3 (2) TORX® Bits 1" T20 (2) TORX® Bits 1" T25 (1) TORX® Bit 1" T30 (1) Slotted Bit 1" SL#8	(1) Phillips Bit 2" PH2 (1) Square Bit 2" SQ2 (1) TORX® Bit 2" T20 (1) TORX® Bit 2" T25 (1) 1/4" Magnetic Nut Driver (1) 5/16" Magnetic Nut Driver (1) 3/8" Magnetic Nut Driver (1) 1/4" Hex to 3/8" Square Socket Adapter (1) 3/8" Drive Deep Socket, 1/2" (1) 3/8" Drive Deep Socket, 9/16"	48-32-4408
	32 PC SHOCKWAVE Impact Duty [™] Driver Bit Set	(1) Compact Magnetic Bit Holder (1) Hex Bit 1" 3/16" (1) Hex Bit 1" 1/4" (1) Phillips Bit 1" PH1 (4) Phillips Bits 1" PH2 (1) Phillips Bit 1" PH3 (1) Phillips Reduced Bit 1" PR2 (1) Square Bit 1" SQ1 (3) Square Bit 1" SQ2 (1) Square Bit 1" SQ3 (1) TORX® Bit 1" T15 (2) TORX® Bits 1" T20	(2) TORX® Bits 1" T25 (1) TORX® Bit 1" T30 (1) Slotted Bit 1" SL#8 (1) Slotted Bit 1" SL#10 (2) Phillips Bits 2" PH2 (1) Phillips Bit 2" PH3 (1) Square Bit 2" SQ2 (1) TORX® Bit 2" T20 (1) TORX® Bit 2" T25 (1) Slotted Bit 2" SL#10 (1) 1/4" Magnetic Nut Driver (1) 5/16" Magnetic Nut Driver	48-32-4004
	36 PC SHOCKWAVE Impact Duty [™] Driver Bit Set	(1) Compact Magnetic Bit Holder (1) 6" Magnetic Bit Tip Holder (1) Hex Bit 1" 5/64" 1) Hex Bit 1" 3/32" (1) Hex Bit 1" 7/64" (1) Hex Bit 1" 1/8" (1) Hex Bit 1" 5/32" (1) Hex Bit 1" 5/32" (1) Hex Bit 1" 5/32" (1) Hex Bit 1" 1/4" (1) Phillips Bit 1" PH1 (3) Phillips Bit 1" PH2 (1) Phillips Bit 1" PH3 (1) Phillips Reduced Bit 1" PR2 (1) Slotted Bit 1" SL#8	(2) Slotted Bits 1" SL#10 (1) Slotted Bit 1" SL#12 (1) Square Bit 1" SQ1 (2) Square Bits 1" SQ2 (1) Square Bit 1" SQ3 (1) TORX® Bit 1" T10 (1) TORX® Bit 1" T15 (2) TORX® Bits 1" T20 (2) TORX® Bits 1" T25 (1) TORX® Bit 1" T27 (1) TORX® Bit 1" T30 (1) TORX® Bit 1" T40 (1) 1/4" Insert Magnetic Nut Driver (1) 5/16" Insert Magnetic Nut Driver (1) Insert 3/8" Socket Adapter	48-32-4005
	40 PC SHOCKWAVE Impact Duty [™] Drill and Drive Set	(1) Compact Magnetic Bit Holder (1) 1/8" Titanium RED HELIX" Drill Bit (1) 3/16" Titanium RED HELIX" Drill Bit (1) 1/4" Titanium RED HELIX" Drill Bit (1) 1/4" Titanium RED HELIX" Drill Bit (1) Hex Bit 1" 1/8" (1) Hex Bit 1" 3/16" (1) Hex Bit 1" 3/16" (1) Hex Bit 1" 1/4" (1) Phillips Bit 1" PH1 (3) Phillips Bits 1" PH2 (1) Phillips Bit 1" PH3 (1) Phillips Reduced Bit 1" PR2 (1) Square Bit 1" SQ1 (2) Square Bit 1" SQ2 (1) Square Bit 1" SQ3 (1) TORX® Bit 1" T15	(1) TORX® Bit 1" T20 (2) TORX® Bits 1" T25 (1) Slotted Bit 1" SL#8 (1) Slotted Bit 1" SL#8 (1) Slotted Bit 1" SL#10 (4) Phillips Bits 2" PH2 (1) Phillips Bit 2" PH3 (1) Square Bit 2" SQ2 (1) Square Bit 2" SQ3 (1) TORX® Bit 2" T20 (2) TORX® Bits 2" T25 (1) Slotted Bit 2" SL#10 (1) 1/4" Magnetic Nut Driver (1) 5/16" Magnetic Nut Driver (1) 3/8" Magnetic Nut Driver (1) 3/8" Socket Adapter (1) 1/2" Socket Adapter	48-32-4006



SHOCKWAVE IMPACT DIITY™ BIT SETS

SHOCKWAVE IMPACT D	NIA BIL 2FI2			
	Description	Includes		Part No.
	50 PC SHOCKWAVE Impact Duty [™] Drill and Drive Set	(1) Compact Magnetic Bit Holder (1) Hex Bit 1" 3/16" (1) Hex Bit 1" 1/4" (1) Phillips Bit 1" PH1 (4) Phillips Bits 1" PH2 (2) Phillips Bits 1" PH3 (2) Phillips Reduced Bits 1" PR2 (1) Square Bit 1" SQ1 (4) Square Bits 1" SQ2 (3) Square Bits 1" SQ3 (1) TORX® Bits 1" T15 (2) TORX® Bits 1" T20 (5) TORX® Bits 1" T25 (1) TORX® Bit 1" T30 (1) Slotted Bit 1" SL#6 (1) Slotted Bit 1" SL#10	(2) Phillips Bits 2" PH2 (2) Phillips Bits 2" PH3 (2) Square Bits 2" SQ2 (1) Square Bit 2" SQ3 (1) TORX® Bit 2" T20 (1) TORX® Bit 2" T25 (1) 1/16" Titanium RED HELIX™ Drill Bit (1) 3/32" Titanium RED HELIX™ Drill Bit (2) 1/8" Titanium RED HELIX™ Drill Bits (1) 3/16" Titanium RED HELIX™ Drill Bits (1) 3/16" Titanium RED HELIX™ Drill Bit (1) 1/4" Titanium RED HELIX™ Drill Bit (1) 1/4" Titanium RED HELIX™ Drill Bit (1) 1/4" Magnetic Nut Driver (1) 5/16" Magnetic Nut Driver (1) 3/8" Socket Adapter (1) 1/2" Socket Adapter	48-32-4013
	52 PC SHOCKWAVE Impact Duty [™] Electrician's Drill and Drive Set	(1) 3" Magnetic Bit Holder (1) Hex Bit 1" 3/16" (1) Hex Bit 1" 1/4" (1) Phillips Bit 1" PH1 (5) Phillips Bits 1" PH2 (1) Phillips Bits 1" PH3 (2) Phillips Bits 2" PH2 (1) Square Bit 1" SQ1 (4) Square Bit 1" SQ2 (1) Square Bit 1" SQ2 (1) Square Bit 1" SQ2 (1) Square Bit 2" SQ2 (1) TORX® Bit 1" T20 (2) TORX® Bit 1" T25 (1) TORX® Bit 1" T25 (1) TORX® Bit 1" T27 (1) TORX® Bit 1" T30 (1) TORX® Bit 1" T40 (1) Slotted Bit 1" SLSL#8 (1) Slotted Bit 1" SL#10 (1) TORX® Security Bit 1" T15 (1) TORX® Security Bit 1" T15 (1) TORX® Security Bit 1" T15	(1) TORX® Security Bit 1" T25 (1) TORX® Security Bit 1" T27 (1) TORX® Security Bit 1" T30 (1) Hex Security Bit 1" 1/8" (1) Hex Security Bit 1" 1/8" (1) Hex Security Bit 1" 5/32" (1) Hex Security Bit 1" 5/32" (1) Hex Security Bit 1" 3/16" (1) Spanner Bit 1" #6 (1) Spanner Bit 1" #8 (1) Spanner Bit 1" #10 (1) Spanner Bit 1" #12 (1) Clutch G Bit 1" 1/8" (1) Clutch G Bit 1" 5/32" (1) Clutch G Bit 1" 5/32" (1) Clutch G Bit 1" 3/16" (2) 1/8" Titanium RED HELIX™ Drill Bit (1) 1/4" Titanium RED HELIX™ Drill Bit (1) 1/4" Insert Magnetic Nut Driver (1) 5/16" Insert Magnetic Nut Driver (1) 3/8" Insert Socket Adapter	48-32-4025
	55 PC SHOCKWAVE Impact Duty [™] Driver Bit Set	(1) Compact Magnetic Bit Holder (1) 3" Magnetic Bit Holder (1) 6" Magnetic Bit Holder (1) Hex Bit 1" 3/32" (1) Hex Bit 1" 7/64" (1) Hex Bit 1" 1/8" (1) Hex Bit 1" 5/32" (1) Hex Bit 1" 5/32" (1) Hex Bit 1" 3/16" (1) Hex Bit 1" 3/16" (1) Hex Bit 1" 3/16" (1) Hex Bit 1" 3 mm (1) Hex Bit 1" 4 mm (1) Hex Bit 1" 5 mm (1) Hex Bit 1" 6 mm (2) Phillips Bits 1" PH1 (3) Phillips Bits 1" PH3 (1) Phillips Reduced Bit 1" PR2	(1) Square Bit 1" SQ1 (3) Square Bits 1" SQ2 (2) Square Bits 1" SQ3 (1) TORX® Bit 1" T10 (1) TORX® Bit 1" T15 (3) TORX® Bits 1" T20 (5) TORX® Bits 1" T25 (1) TORX® Bit 1" T27 (1) TORX® Bit 1" T30 (1) TORX® Bit 1" T40 (1) Slotted Bit 1" SL#8 (2) Slotted Bits 1" SL#8 (2) Slotted Bits 1" SL#10 (1) 1/4" Insert Magnetic Nut Driver (1) 5/16" Insert Magnetic Nut Driver (1) 5/8" Insert Magnetic Nut Driver (1) 1/4" Insert Socket Adapter (1) 3/8" Insert Socket Adapter (1) 1/2" Insert Socket Adapter	48-32-4028









SHOCKWAVE IMPACT DUTY	™ BIT SETS			
Des	cription	Incl	udes	Part No.
	60 PC SHOCKWAVE Impact Duty™ Drill and Drive Set	(1) Compact Magnetic Bit Holder (1) 6" Magnetic Bit Holder (1) Hex Bit 1" 3/16" (1) Hex Bit 1" 1/4" (1) Phillips Bit 1" PH1 (6) Phillips Bits 1" PH2 (2) Phillips Bits 1" PH3 (1) Phillips Reduced Bit 1" PR2 (1) Square Bit 1" SQ1 (3) Square Bit 1" SQ2 (1) Square Bit 1" SQ2 (1) Square Bit 1" T10 (1) TORX® Bit 1" T15 (2) TORX® Bits 1" T25 (3) TORX® Bits 1" T25 (1) TORX® Bit 1" T30 (1) Slotted Bit 1" SL#6 (1) Slotted Bit 1" SL#10 (1) Phillips Bit 2" PH1 (4) Phillips Bits 2" PH2 (2) Phillips Bits 2" PH3	(1) Square Bit 2" SQ1 (3) Square Bits 2" SQ2 (1) Square Bits 2" SQ3 (2) TORX® Bits 2" T20 (2) TORX® Bits 2" T25 (1) TORX® Bits 2" T25 (1) TORX® Bits 2" T30 (1) Slotted Bit 2" SL#10 (1) PH2/SQ2 2" Double-Ended Bit (1) PH2/SQ2 2" Double-Ended Bit (1) PH2/SL#10 2" Double-Ended Bit (1) T20/T25 2" Double-Ended Bit (1) 17/6" Titanium RED HELIX™ Drill Bit (1) 3/32" Titanium RED HELIX™ Drill Bit (1) 1/6" Titanium RED HELIX™ Drill Bit (1) 3/16" Titanium RED HELIX™ Drill Bit (1) 3/16" Titanium RED HELIX™ Drill Bit (1) 1/4" Titanium RED HELIX™ Drill Bit (1) 1/4" Titanium RED HELIX™ Drill Bit (1) 1/4" Magnetic Nut Driver (1) 5/16" Magnetic Nut Driver (1) 3/8" Socket Adapter	48-32-4029
	65 PC SHOCKWAVE Impact Duty™ MRO Driver Bit Set	(1) Compact Magnetic Bit Holder (1) Phillips Bit 1" PH1 (1) Phillips Bit 1" PH2 (1) Phillips Bit 1" PH2 (1) Phillips Bit 1" PH3 (1) Phillips Reduced Bit 1" PR2 (1) Square Bit 1" SQ1 (1) Square Bit 1" SQ2 (1) Square Bit 1" SQ3 (1) TORX® Bit 1" T10 (1) TORX® Bit 1" T15 (1) TORX® Bit 1" T25 (1) TORX® Bit 1" T25 (1) TORX® Bit 1" T25 (1) TORX® Bit 1" T27 (1) TORX® Bit 1" T30 (1) TORX® Bit 1" T40 (1) Slotted Bit 1" SL#8 (1) Slotted Bit 1" SL#8 (1) Slotted Bit 1" SL#10 (1) Hex Bit 1" 1/4" (1) TORX® Security Bit 1" T7 (1) TORX® Security Bit 1" T8 (1) TORX® Security Bit 1" T9 (1) TORX® Security Bit 1" T15 (1) TORX® Security Bit 1" T15 (1) TORX® Security Bit 1" T27 (1) TORX® Security Bit 1" T30 (1) TORX® Security Bit 1" T30 (1) TORX® Security Bit 1" T40 (1) Hex Security Bit 1" T40 (1) Hex Security Bit 1" T64" (1) Hex Security Bit 1" 7/64" (1) Hex Security Bit 1" 7/64" (1) Hex Security Bit 1" 1/8"	(1) Hex Security Bit 1" 9/64" (1) Hex Security Bit 1" 5/32" (1) Hex Security Bit 1" 3/16" (1) Hex Security Bit 1" 7/32" (1) Hex Security Bit 1" 7/32" (1) Hex Security Bit 1" 1/4" (1) Spanner Bit 1" #8 (1) Spanner Bit 1" #8 (1) Spanner Bit 1" #10 (1) Spanner Bit 1" #12 (1) Clutch G Bit 1" 1/8" (1) Clutch G Bit 1" 1/8" (1) Clutch G Bit 1" 1/8" (1) POZIDRIV® Bit 1" PZ1 (1) POZIDRIV® Bit 1" PZ2 (1) POZIDRIV® Bit 1" PZ3 (1) TRI-WING® Bit 1" #3 (1) TRI-WING® Bit 1" #4 (1) TRI-WING® Bit 1" #5 (1) TORQ-SET® Bit 1" #6 (1) TORQ-SET® Bit 1" #8 (1) TORQ-SET® Bit 1" #8 (1) Spline Bit 1" #5 (1) Spline Bit 1" #5 (1) Spline Bit 1" #8 (1) Specialty Wood Screw Bit 1" (1) 1/4" Magnetic Nut Driver (1) 5/16" Magnetic Nut Driver (1) 5/16" Magnetic Nut Driver (1) 1/4" Socket Adapter	48-32-4026
	74 PC SHOCKWAVE Impact Duty™ Driver Bit Set	(1) Compact Magnetic Bit Holder (1) 1/4" Magnetic Nut Driver (1) 5/16" Magnetic Nut Driver (1) PH2/SQ2 2-3/8" Double-Ended Bit (1) PH2/T25 2-3/8" Double-Ended Bit (1) PH2/T25 2-3/8" Double-Ended Bit (2) Phillips Bits 1" PH1 (11) Phillips Bits 1" PH2 (2) Phillips Bits 2" PH2 (1) Phillips Bits 3" PH2 (1) Phillips Bits 1" PR2 (3) Phillips Bit 3-1/2" PH2 (1) Phillips Bit 1" PR2 (3) Phillips Bit 2" PH3 (1) Phillips Bit 2" PH3 (2) Square Recess Bits 1" SQ1 (4) Square Recess Bits 1" SQ2 (2) Square Recess Bits 3-1/2" SQ2 (1) Square Recess Bits 1" SQ3	(1) TORX® Bit 1" T10 (2) TORX® Bits 1" T15 (4) TORX® Bits 1" T20 (1) TORX® Bits 1" T20 (1) TORX® Bits 1" T25 (7) TORX® Bits 1" T25 (1) TORX® Bit 3-1/2" T25 (2) TORX® Bits 1" T27 (2) TORX® Bits 1" T27 (2) TORX® Bits 1" T30 (1) Slotted Bit 1" SL#8 (2) Slotted Bits 1" SL#10 (1) Hex Bit 1" 1/8" (1) Hex Bit 1" 9/64" (1) Hex Bit 1" 3/16" (1) Hex Bit 1" 1/4" (1) Hex Bit 1" 1/4" (1) Hex Bit 1" 4 mm (1) Hex Bit 1" 5 mm (1) Hex Bit 1" 5 mm (1) Hex Bit 1" 6 mm (1) 3/8" Socket Adapter	48-32-4062



SHOCKWAVE IMPACT DUTY™ BIT SETS

Description		Includes	Part No.
75 PC SHOCKWAVE Imp Drill and Drive Set		(1) Square Bit 2" SQ3 (1) TORX® Bit 2" T15 (2) TORX® Bits 2" T20 (2) TORX® Bits 2" T25 (1) TORX® Bits 2" T25 (1) TORX® Bit 2" T30 (1) Slotted Bit 2" SL#10 (1) Phillips Bit 3-1/2" PH2 (1) TORX® Bit 3-1/2" T25 (1) Phillips Bit 6" PH2 (1) Square Bit 6" SQ2 (1) PH2/SQ2 2" Double-Ended Bit (1) T20/T25 2" Double-Ended Bit (1) 170/T25 2" Double-Ended Bit (1) 1/16" Titanium RED HELIX™ Drill Bit (1) 3/32" Titanium RED HELIX™ Drill Bit (1) 3/6" Titanium RED HELIX™ Drill Bit (1) 3/6" Titanium RED HELIX™ Drill Bit (1) 3/6" Titanium RED HELIX™ Drill Bit (1) 1/4" Titanium RED HELIX™ Drill Bit (1) 1/4" Insert Magnetic Nut Driver (1) 5/16" Insert Magnetic Nut Driver (1) 3/6" Insert Magnetic Nut Driver (1) 3/6" Insert Magnetic Nut Driver (1) 3/6" Insert Socket Adapter (1) 3/6" Drive Deep Socket, 1/2" (1) 3/6" Drive Deep Socket, 9/16"	48-32-4030
100 PC SHOCKWAVE Imp Driver Bit Set w/ PACKOUT" Low-Profile Comp	(2) Square Bits 1" SQ1 (6) Square Bits 1" SQ2	(1) Slotted Bit 1" 1/4" (1) Slotted Bit 1" 9/32" (2) Phillips Bits 2" PH1 (5) Phillips Bits 2" PH2 (2) Phillips Bits 2" PH3 (2) Square Bits 2" SQ1 (5) Square Bits 2" SQ2 (2) Square Bits 2" SQ2 (2) Square Bits 2" SQ3 (2) TORX® Bits 2" T10 (2) TORX® Bits 2" T10 (2) TORX® Bits 2" T20 (5) TORX® Bits 2" T25 (2) TORX® Bits 2" T27 (1) Phillips Bit 3-1/2" PH2 (1) Square Bit 3-1/2" SQ2 (1) TORX® Bits 3-1/2" SQ2 (1) TORX® Bits 3-1/2" T25 (1) PH2/PH2 2" Double-Ended Bit (1) PH2/SL#10 2" Double-Ended Bit (2) PH2/T25 2" Double-Ended Bit (1) PH2/SQ2 2" Double-Ended Bit (1) T20/T25 2" Double-Ended Bit (1) T4/" Magnetic Nut Driver (1) 5/16" Magnetic Nut Driver	48-32-4082



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QUICK CHANGE EXTENSIONS

OVERVIEW

The 1/4" Universal QUIK-LOK™ Extension has an innovative design that fits all 1/4" shanks – with or without a power-groove. The unique design requires no tools to change out bits, making it fast and efficient.

FEATURES

- Universal QUIK-LOK™: Accepts ALL 1/4" shanks
- Tool-less Quick Change: No hex key needed
- Hardened Shank: For maximum durability



QUICK CHANGE EXTENSIONS

Bit	Length	Part No.
1/4"	3"	48-28-1000
1/4"	6"	48-28-1010
1/4"	12"	48-28-1020

Extensions are also located on page 21 of this catalog.

DRYWALL SCREW SETTERS

OVERVIEW

MILWAUKEE® Drywall Screw Setters provide ideal depth control when installing drywall. They feature a collar that automatically stops the tool from overdriving a screw. This allows for consistent screw depths and prevents damage to the drywall. The bits are insert style, featuring a 1/4" hex shank intended for use in Drill/Drivers.



FEATURES

- Ideal for Depth Control when installing drywall
- Designed to automatically stop from overdriving screw and damaging drywall

DRYWALL SCREW SETTERS

D	escription	Part No.
NO O MINAL	#2 Phillips Drywall Screw Setters (4 pk)	48-32-2101



RIGHT ANGLE ATTACHMENT

OVERVIEW

MILWAUKEE's Right Angle Attachment allows contractors to drive screws and drill holes in tight, difficult work areas. This attachment is ideal for cordless drills and uses standard 1/4" hex accessories. It has a durable all-metal housing and steel gears with ball bearing construction which allows this adapter to handle up to 235 in-lbs of torque. The compact design measures only 2" wide, allowing it to fit in tight spaces where work is difficult to perform. The convenient quick change chuck accepts standard 1/4" hex drive accessories.



FEATURES

- Compact Design: Allows work in tight areas
- Durable All-metal Housing and Steel Gears
- Rated up to 235 in-lbs of torque

RIGHT ANGLE ATTACHMENT

Description	Part No.
Right Angle Attachment	49-22-8510

STANDARD DRIVER BIT SETS

OVERVIEW

Made of premium grade S2 tool steel, these bits are heavy duty, designed for hard use.

FEATURES

- Premium Grade S2 Tool Steel: Longer bit life
- Driving Bits: Designed for quick change applications
- Magnetic Drive Guide: Helps reduce slipping and wobble by holding long fasteners in place while the sleeve retracts as the screw is driven into the material

STANDARD DRIVER BIT SETS

Description		Includes	Part No.
20 PC Screwdriving Set	(1) Compact Screw Guide (1) Phillips Bit 1" PH1 (7) Phillips Bits 1" PH2 (1) Phillips Bit 1" PH3 (1) Square Bit 1" SQ1 (3) Square Bits 1" SQ2	(1) Square Bit 1" SQ3 (1) TORX® Bit 1" T15 (1) TORX® Bit 1" T20 (1) TORX® Bit 1" T25 (1) Slotted Bit 1" SL#6-8 (1) Slotted Bit 1" SL#8-10	48-32-1700



STANDARD DRIVER BIT SETS

STANDARD DRIVER BIT	2512			
Descrip	tion		Includes	Part No.
	42 PC Driver Bit Set	(1) Magnetic Drive Guide (1) Phillips Bit 1" PH1 (6) Phillips Bits 1" PH2 (2) Phillips Bits 1" PH2 (2) Phillips Bits 1" PH3 (1) Phillips Bit 2" PH2 (1) Phillips Bit 2" PH3 (1) Phillips Bit 3-1/2" PH2 (2) Square Bits 1" SQ1 (6) Square Bits 1" SQ2 (1) Square Bit 1" SQ3 (1) Square Bit 2" SQ2 (1) Square Bit 2" SQ2 (1) Square Bit 2" SQ2 (1) Square Bit 3" SQ3 (1) Square Bit 3" SQ3	(1) TORX® Bit 1" T10 (1) TORX® Bit 1" T15 (1) TORX® Bit 1" T20 (1) TORX® Bit 1" T25 (1) TORX® Bit 1" T30 (1) TORX® Bit 2" T30 (1) TORX® Bit 2" T15 (1) TORX® Bit 2" T25 (1) TORX® Bit 2" T25 (1) Slotted Bit 1" SL#6 (1) Slotted Bit 1" SL#8 (1) Slotted Bit 1" SL#10 (1) Slotted Bit 2" SL#8 (1) Hex Bit 1" 3/16" (1) Hex Bit 1" 3/16" (1) Hex Bit 1" 1/4"	48-32-1551
	64 PC Driver Bit Set	(1) Magnetic Drive Guide (1) 1/4" Magnetic Nut Driver (1) 5/16" Magnetic Nut Driver (1) PH2/SL#10 2" Double Ended Bit (1) PH2/PH2 2" Double Ended Bit (1) PH2/SQ2 2" Double Ended Bit (1) T25/T20 2" Double Ended Bit (1) 3/8" Socket Adapter (1) Phillips Bit 2" PH3 (4) Phillips Bits 2" PH3 (4) Phillips Bits 2" PH2 (2) Phillips Bits 1" PH3 (1) Phillips Bits 1" PR2 (6) Phillips Bits 1" PH2 (1) Phillips Bit 1" PH1 (2) Square Bits 2" SQ2 (2) Square Bits 1" SQ2 (2) Square Bits 1" SQ2 (2) Square Bits 1" SQ1	(1) TORX® Bit 1" T10 (1) TORX® Bit 1" T15 (3) TORX® Bits 1" T20 (2) TORX® Bits 2" T20 (5) TORX® Bits 2" T20 (5) TORX® Bits 1" T25 (4) TORX® Bits 2" T25 (1) TORX® Bits 1" T27 (2) TORX® Bits 1" T30 (1) Slotted Bit 1" SL#6 (1) Slotted Bit 1" SL#6 (1) Slotted Bit 1" SL#8 (2) Slotted Bits 1" SL#10 (1) Slotted Bits 1" SL#10 (1) Hex Bit 1" 1/8" (1) Hex Bit 1" 1/8" (1) Hex Bit 1" 5/32" (1) Hex Bit 1" 3/16" (1) Hex Bit 1" 7/32" (1) Hex Bit 1" 1/4"	48-32-1552
	95 PC Drill and Drive Set	(1) 1/4" Magnetic Nut Driver (1) 5/16" Magnetic Nut Driver (1) TORX® Bit 2" T25 (1) TORX® Bit 2" T20 (2) TORX® Bits 1" T9 (2) TORX® Bits 1" T40 (2) TORX® Bits 1" T40 (2) TORX® Bits 1" T27 (3) TORX® Bits 1" T27 (3) TORX® Bits 1" T25 (3) TORX® Bits 1" T25 (3) TORX® Bits 1" T20 (2) TORX® Bits 1" T10 (1) Square Bits 1" T10 (1) Square Bits 1" SQ2 (3) Square Bits 1" SL#8 (1) Slotted Bit 1" SL#8 (2) Slotted Bits 1" SL#6 (2) Slotted Bits 1" SL#6 (2) Slotted Bits 1" SL#6 (2) Slotted Bits 1" SL#10 (1) POZIDRIV® Bit 1" PZ3 (1) POZIDRIV® Bit 1" PZ3 (1) POZIDRIV® Bit 1" PZ3	(1) Phillips Bit 2" PH2 (3) Phillips Bits 1" PH2 (4) Phillips Bits 1" PH3 (10) Phillips Bits 1" PH3 (10) Phillips Bits 1" PH2 (3) Phillips Bits 1" PH1 (1) Magnetic Drive Guide (1) Hex Bit 1" 9/64" (2) Hex Bits 1" 7/64" (2) Hex Bits 1" 5/64" (1) Hex Bit 1" 5/64" (1) Hex Bit 1" 5/64" (2) Hex Bits 1" 3/32" (2) Hex Bits 1" 3/32" (2) Hex Bits 1" 3/16" (2) Hex Bits 1" 1/4" (2) Hex Bits 1" 1/16" (1) 7/64" THUNDERBOLT® Black Oxide Drill Bit (1) 5/63" THUNDERBOLT® Black Oxide Drill Bit (1) 3/32" THUNDERBOLT® Black Oxide Drill Bit (1) 3/16" THUNDERBOLT® Black Oxide Drill Bit (1) 1/8" THUNDERBOLT® Black Oxide Drill Bit (1) 1/4" THUNDERBOLT® Black Oxide Drill Bit (1) 1/16" THUNDERBOLT® Black Oxide Drill Bit	48-89-1561



SHOCKWAVE IMPACT DUTY™ SOCKET ADAPTERS

OVERVIEW

The MILWAUKEE® SHOCKWAVE Impact Duty™ Socket Adapters are made from a proprietary steel, heat treated to control hardness and provide durability with up to 50X life. The Socket Adapter has a heavy-duty construction for fastening capabilities in all impacts and is built to withstand frequent use. MILWAUKEE® Hex to Square Socket Adapters are engineered for maximum durability and long-lasting use. This impact Socket Adapter is not for use with impact wrenches.



FEATURES

- Designed for use with Impact Drivers
- Optimized SHOCK ZONE™: Added durability in Impact Drivers
- Optimized with Extreme Durability: Up to 50X life

SHOCKWAVE IMPACT DUTY™ SOCKET ADAPTERS

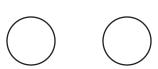
Bit Length	Description	1 Pack	Bulk 10
	1/4" Hex to 1/4" Square Adapter	48-32-5030	48-32-5730
2"	1/4" Hex to 3/8" Square Adapter	48-32-5031	48-32-5731
	1/4" Hex to 1/2" Square Adapter	48-32-5034	48-32-5734

Bit Length	Description	1 Pack	Bulk 10
-	1/2" - 7/16" Quick Change Impact Adapter	48-66-0061	-
-	7/16" - 1/2" Impact Adapter	48-32-5100	48-32-5700
-	3/8" Square to 1/4" Hex Adapter	48-03-4405	-
-	1/2" Square to 1/4" Hex Adapter	48-03-4410	-

SHOCKWAVE IMPACT DUTY™ SOCKET ADAPTER SET

Description		Includes	Part No.
222	DCKWAVE Impact Duty [™] Socket Adapter Set	(1) 1/4" Socket Adapter (1) 3/8" Socket Adapter (1) 1/2" Socket Adapter	48-32-5033







NEW

SHOCKWAVE IMPACT DUTY™ SOCKETS

OVERVIEW

Our SHOCKWAVE Impact Duty™ Sockets feature the boldest, longest lasting markings and high-strength forged steel for extreme impact durability. The stamped and ink-filled size marking enables you to select the right socket every time throughout the life of the socket. Our SHOCKWAVE Impact Duty[™] Sockets are engineered with high-strength forged steel for optimized performance in heavy duty applications. The non-slip hex geometry prevents fastener rounding and our dual hole design and ring groove allows for easy socket attachment and removal. All SHOCKWAVE Impact Duty™ Sockets are backed by our Lifetime Guarantee and meet ASME industry standards

FEATURES

- Stamped and Ink-Filled Markings: Wear resistence
- 6-Point Design: Made with forged impact steel for durability in high torque applications backed by our Lifetime Guarantee
- Non-slip Hex Geometry: Prevents socket and fastener rounding





1/4" DRIVE

NEW

SHOCKWAVE IMPACT DUTY" 1/4" DRIVE SOCKET SETS

SHOCKWAVE IMPACT DUTY™ 1/4" DRIVE SOCKET SETS

Description		Inci	udes	Part No.
	10 PC SHOCKWAVE Impact Duty" 1/4" Drive SAE 6 Point Standard Socket Set	(1) 3/16" Standard Socket (1) 7/32" Standard Socket (1) 1/4" Standard Socket (1) 9/32" Standard Socket (1) 5/16" Standard Socket (1) 11/32" Standard Socket	(1) 3/8" Standard Socket (1) 7/16" Standard Socket (1) 1/2" Standard Socket (1) 9/16" Standard Socket (1) Socket Rail	49-66-7000
11111111	6 PT DEEP 10 PC SHOCKWAVE Impact Duty" 1/4" Drive SAE 6 Point Deep Socket Set	(1) 3/16" Deep Socket (1) 7/32" Deep Socket (1) 1/4" Deep Socket (1) 9/32" Deep Socket (1) 5/16" Deep Socket (1) 11/32" Deep Socket	(1) 3/8" Deep Socket (1) 7/16" Deep Socket (1) 1/2" Deep Socket (1) 9/16" Deep Socket (1) Socket Rail	49-66-7001
***************************************	14 PC SHOCKWAVE Impact Duty" 1/4" Drive Metric 6 Point Standard Socket Set	(1) 4 mm Standard Socket (1) 4.5 mm Standard Socket (1) 5 mm Standard Socket (1) 5.5 mm Standard Socket (1) 6 mm Standard Socket (1) 7 mm Standard Socket (1) 8 mm Standard Socket (1) 9 mm Standard Socket	(1) 10 mm Standard Socket (1) 11 mm Standard Socket (1) 12 mm Standard Socket (1) 13 mm Standard Socket (1) 14 mm Standard Socket (1) 15 mm Standard Socket (1) Socket Rail	49-66-7002



	Description		Includes	Part No.
***************************************	6 PT DEEP 14 PC SHOCKWAVE Impact Duty" 1/4" Drive Metric 6 Point Deep Socket Set	(1) 4 mm Deep Socket (1) 4.5 mm Deep Socket (1) 5 mm Deep Socket (1) 5.5 mm Deep Socket (1) 6 mm Deep Socket (1) 7 mm Deep Socket (1) 8 mm Deep Socket (1) 9 mm Deep Socket	(1) 10 mm Deep Socket (1) 11 mm Deep Socket (1) 12 mm Deep Socket (1) 13 mm Deep Socket (1) 14 mm Deep Socket (1) 15 mm Deep Socket (1) Socket Rail	49-66-7003

NEW

SHOCKWAVE IMPACT DUTY™ 1/4" DRIVE SOCKET ACCESSORIES

SHOCKWAVE IMPACT DUTY™ 1/4" DRIVE SOCKET ACCESSORIES

Description	Part No.
3" 1/4" Drive Extension	49-66-6700
6" 1/4" Drive Extension	49-66-6701
10" 1/4" Drive Extension	49-66-6702
1/4" to 3/8" Drive Adapter	49-66-6720
1/4" Drive Universal Joint	49-66-6721
1/4" Drive Socket Rail	49-66-6734
1/4" Drive Socket Rail Clips (10 pk)	49-66-6739
1/4" Hex to 1/4" Square Drive 2" Socket Adapter	48-32-5030
1/4" Hex to 1/4" Square Drive Socket Adapters (Bulk 10)	48-32-5730



3/8" DRIVE

NEW

SHOCKWAVE IMPACT DUTY™ 3/8" DRIVE SOCKET SETS

SHOCKWAVE IMPACT DITY™ 3/8" DRIVE SOCKET SETS

SHUCKWAVE IMPACT DUTY 3/8" DRI	VE SUCKET SETS		
Description		Includes	Part No.
	3 PC SHOCKWAVE Impact Duty™ 3/8" Drive SAE 6 Point Deep Socket Set	(1) 1/2" Deep Socket (1) 9/16" Deep Socket (1) 1/4" Hex to 3/8" Square 2" Adapter	49-66-4417
:1111111	8 PC SHOCKWAVE Impact Duty" 3/8" Drive SAE 6 Point Deep Socket Set	(1) 5/16" Deep Socket (1) 3/8" Deep Socket (1) 7/16" Deep Socket (1) 1/2" Deep Socket (1) 9/16" Deep Socket (1) 5/8" Deep Socket (1) 3/4" Deep Socket (1) 1/4" Hex to 3/8" Square 2" Adapter (1) Socket Rail	49-66-7024



SHOCKWAVE IMPACT DUTY™ 3/8" DI	RIVE SOCKET SETS		
Descriptio	n	Includes	Part No.
	8 PC SHOCKWAVE Impact Duty™ 3/8" Drive Metric 6 Point Deep Socket Set	(1) 10 mm Deep Socket (1) 13 mm Deep Socket (1) 14 mm Deep Socket (1) 15 mm Deep Socket (1) 17 mm Deep Socket (1) 19 mm Deep Socket (1) 21 mm Deep Socket (1) 1/4" Hex to 3/8" Square 2" Adapter (1) Socket Rail	49-66-7021
2000 B	12 PC SHOCKWAVE Impact Duty " 3/8" Drive SAE 6 Point Standard Socket Set	(1) 5/16" Standard Socket (1) 3/8" Standard Socket (1) 7/16" Standard Socket (1) 1/2" Standard Socket (1) 9/16" Standard Socket (1) 5/8" Standard Socket (1) 11/16" Standard Socket (1) 11/16" Standard Socket (1) 13/4" Standard Socket (1) 13/16" Standard Socket (1) 7/8" Standard Socket (1) 15/16" Standard Socket (1) 15/16" Standard Socket (1) 14 Standard Socket (1) 18/16" Standard Socket (1) 18/16" Standard Socket (1) 18/16" Standard Socket	49-66-7005
Allien Session	12 PC SHOCKWAVE Impact Duty™ 3/8" Drive SAE 6 Point Deep Socket Set	(1) 5/16" Deep Socket (1) 3/8" Deep Socket (1) 7/16" Deep Socket (1) 1/2" Deep Socket (1) 9/16" Deep Socket (1) 5/8" Deep Socket (1) 11/16" Deep Socket (1) 11/16" Deep Socket (1) 13/16" Deep Socket (1) 13/16" Deep Socket (1) 15/16" Deep Socket (1) 15/16" Deep Socket (1) 15/16" Deep Socket (1) 18/16" Deep Socket (1) 18/16" Deep Socket (1) 18/16" Deep Socket	49-66-7006
***************************************	6 PT STANDARD 14 PC SHOCKWAVE Impact Duty™ 3/8" Drive Metric 6 Point Standard Socket Set	(1) 7 mm Standard Socket (1) 8 mm Standard Socket (1) 9 mm Standard Socket (1) 10 mm Standard Socket (1) 11 mm Standard Socket (1) 12 mm Standard Socket (1) 13 mm Standard Socket (1) 13 mm Standard Socket (1) 15 mm Standard Socket (1) 16 mm Standard Socket (1) 17 mm Standard Socket (1) 17 mm Standard Socket (1) 19 mm Standard Socket (1) 19 mm Standard Socket (1) 21 mm Standard Socket (1) 21 mm Standard Socket (1) Socket Rail	49-66-7007
1111111111111	6 PT DEEP 14 PC SHOCKWAVE Impact Duty™ 3/8" Drive Metric 6 Point Deep Socket Set	(1) 7 mm Deep Socket (1) 8 mm Deep Socket (1) 9 mm Deep Socket (1) 10 mm Deep Socket (1) 11 mm Deep Socket (1) 12 mm Deep Socket (1) 13 mm Deep Socket (1) 13 mm Deep Socket (1) 14 mm Deep Socket (1) 15 mm Deep Socket (1) 16 mm Deep Socket (1) 17 mm Deep Socket (1) 19 mm Deep Socket (1) 19 mm Deep Socket (1) 19 mm Deep Socket (1) 21 mm Deep Socket (1) 21 mm Deep Socket (1) Socket Rail	49-66-7008



SHOCKWAVE IMPACT DUTY™ 3/8" DRIVE SOCKET SETS

Description		Inc	ludes	Part No.
	43 PC SHOCKWAVE Impact Duty™ 3/8" Drive Metric & SAE 6 Point Standard & Deep Socket Set	(1) 5/16" Standard Socket (1) 3/8" Standard Socket (1) 7/16" Standard Socket (1) 1/12" Standard Socket (1) 9/16" Standard Socket (1) 9/16" Standard Socket (1) 11/16" Standard Socket (1) 11/16" Standard Socket (1) 13/4" Standard Socket (1) 9 mm Standard Socket (1) 9 mm Standard Socket (1) 10 mm Standard Socket (1) 11 mm Standard Socket (1) 12 mm Standard Socket (1) 13 mm Standard Socket (1) 15 mm Standard Socket (1) 15 mm Standard Socket (1) 16 mm Standard Socket (1) 17 mm Standard Socket (1) 18 mm Standard Socket (1) 18 mm Standard Socket (1) 19 mm Standard Socket	(1) 5/16" Deep Socket (1) 3/8" Deep Socket (1) 7/16" Deep Socket (1) 1/2" Deep Socket (1) 9/16" Deep Socket (1) 9/16" Deep Socket (1) 11/16" Deep Socket (1) 11/16" Deep Socket (1) 11/16" Deep Socket (1) 13/4" Deep Socket (1) 8 mm Deep Socket (1) 10 mm Deep Socket (1) 10 mm Deep Socket (1) 11 mm Deep Socket (1) 12 mm Deep Socket (1) 13 mm Deep Socket (1) 15 mm Deep Socket (1) 15 mm Deep Socket (1) 16 mm Deep Socket (1) 16 mm Deep Socket (1) 17 mm Deep Socket (1) 17 mm Deep Socket (1) 18 mm Deep Socket (1) 14" Hex to 3/8" Square 2" Adapter (1) 3" Extension (1) Universal Joint	49-66-7009

SHOCKWAVE IMPACT DUTY™ 3/8" DRIVE SAE SOCKETS



Diameter	Depth	Part No.
1/4"	Standard	49-66-6100
9/32"	Standard	49-66-6101
5/16"	Standard	49-66-6102
11/32"	Standard	49-66-6103
3/8"	Standard	49-66-6104
7/16"	Standard	49-66-6105
1/2"	Standard	49-66-6106
9/16"	Standard	49-66-6107
5/8"	Standard	49-66-6108
11/16"	Standard	49-66-6109
3/4"	Standard	49-66-6110
13/16"	Standard	49-66-6111
7/8"	Standard	49-66-6112
15/16"	Standard	49-66-6113
1"	Standard	49-66-6114



Diameter	Depth	Part No.
1/4"	Deep	49-66-6115
9/32"	Deep	49-66-6116
5/16"	Deep	49-66-6117
11/32"	Deep	49-66-6118
3/8"	Deep	49-66-6119
7/16"	Deep	49-66-6120
1/2"	Deep	49-66-6121
9/16"	Deep	49-66-6122
5/8"	Deep	49-66-6123
11/16"	Deep	49-66-6124
3/4"	Deep	49-66-6125
13/16"	Deep	49-66-6126
7/8"	Deep	49-66-6127
15/16"	Deep	49-66-6128
1"	Deep	49-66-6129



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SHOCKWAVE IMPACT DUTY™ 3/8" DRIVE METRIC SOCKETS

6 PT STANDARD

Diameter	Depth	Part No.
6 mm	Standard	49-66-6130
7 mm	Standard	49-66-6131
8 mm	Standard	49-66-6132
9 mm	Standard	49-66-6133
10 mm	Standard	49-66-6134
11 mm	Standard	49-66-6135
12 mm	Standard	49-66-6136
13 mm	Standard	49-66-6137
14 mm	Standard	49-66-6138
15 mm	Standard	49-66-6139
16 mm	Standard	49-66-6140
17 mm	Standard	49-66-6141
18 mm	Standard	49-66-6142
19 mm	Standard	49-66-6143
20 mm	Standard	49-66-6737
21 mm	Standard	49-66-6144
22 mm	Standard	49-66-6145
23 mm	Standard	49-66-6146
24 mm	Standard	49-66-6147

6 PT	DEEP

Diameter	Depth	Part No.
6 mm	Deep	49-66-6148
7 mm	Deep	49-66-6149
8 mm	Deep	49-66-6150
9 mm	Deep	49-66-6151
10 mm	Deep	49-66-6152
11 mm	Deep	49-66-6153
12 mm	Deep	49-66-6154
13 mm	Deep	49-66-6155
14 mm	Deep	49-66-6156
15 mm	Deep	49-66-6157
16 mm	Deep	49-66-6158
17 mm	Deep	49-66-6159
18 mm	Deep	49-66-6160
19 mm	Deep	49-66-6161
20 mm	Deep	49-66-6738
21 mm	Deep	49-66-6162
22 mm	Deep	49-66-6163
23 mm	Deep	49-66-6164
24 mm	Deep	49-66-6165



SHOCKWAVE IMPACT DUTY™ 3/8" DRIVE SOCKET ACCESSORIES

Descripti	on	Includes	Part No.
40 	4 PC SHOCKWAVE Impact Duty [™] Socket Adapter Set	(1) 3/8" to 1/4" Socket Reducer (1) 1/2" to 3/8" Socket Reducer (1) 1/4" to 3/8" Socket Adapter (1) 3/8" to 1/2" Socket Adapter	49-66-6742



METRIC

1/2" DRIVE

NEW

SHOCKWAVE IMPACT DUTY™ 1/2" DRIVE SOCKET SETS

SHOCKWAVE IMPACT DUTY™ 1/2" DRIVE SOCKET SETS

	Description		Includes	Part No.
		3 PC SHOCKWAVE Impact Duty" 1/2" Drive SAE 6 Point Deep Socket Set	(1) 1/2" Deep Socket (1) 9/16" Deep Socket (1) 1/4" Hex to 1/2" Square 2" Adapter	49-66-4485
		3 PC SHOCKWAVE Impact Duty 1/2" Drive Metric 6 Point Deep Socket Set	(1) 17 mm Deep Socket (1) 19 mm Deep Socket (1) 21 mm Deep Socket	49-66-7025
		9 PC SHOCKWAVE Impact Duty 1/2" Drive SAE 6 Point Deep Socket Set	(1) 1/2" Deep Socket (1) 9/16" Deep Socket (1) 5/8" Deep Socket (1) 11/16" Deep Socket (1) 13/4" Deep Socket (1) 13/16" Deep Socket (1) 17/8" Deep Socket (1) 15/16" Deep Socket (1) 15/16" Deep Socket (1) 15/16" Deep Socket	49-66-7022
\		6 PT STANDARD 12 PC SHOCKWAVE Impact Duty™ 1/2" Drive	(1) 3/8" Standard Socket (1) 7/16" Standard Socket (1) 1/2" Standard Socket (1) 9/16" Standard Socket (1) 5/8" Standard Socket (1) 11/16" Standard Socket (1) 3/4" Standard Socket (1) 13/16" Standard Socket (1) 1/8" Standard Socket	49-66-7010

(1) 15/16" Standard Socket (1) 1" Standard Socket

(1) 1-1/16" Standard Socket

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SHOCKWAVE IMPACT DUTY™ 3/8" DRIVE SOCKET ACCESSORIES

SHOCKWAVE IMPACT DUTY™ 3/8" DRIVE SOCKET ACCESSORIES

Description	Part No.
3" 3/8" Drive Extension	49-66-6703
6" 3/8" Drive Extension	49-66-6704
10" 3/8" Drive Extension	49-66-6705
3 PC 3/8" Drive Extension Set (3", 6", 10")	49-66-6714
3/8" to 1/4" Drive Reducer	49-66-6722
3/8" to 1/2" Drive Adapter	49-66-6723
3/8" Drive Universal Joint	49-66-6724
3/8" Drive Socket Rail	49-66-6735
3/8" Drive Socket Rail Clips (10 pk)	49-66-6740
1/4" Hex to 3/8" Square Drive 2" Socket Adapter	48-32-5031
1/4" Hex to 3/8" Square Drive Socket Adapters (Bulk 10)	48-32-5731
3/8" Square to 1/4" Hex Quick Change Socket Adapter	48-03-4405















Impact Duty[™] 1/2" Drive SAE 6 Point Standard Socket Set

SHOCKWAVE IMPACT DUTY™ 1/2" DRIVE SOCKET SETS				
Description		Includes		Part No.
	6 PT DEEP 12 PC SHOCKWAVE Impact Duty™ 1/2" Drive SAE 6 Point Deep Socket Set	(1) 3/8" Deep Socket (1) 7/16" Deep Socket (1) 1/2" Deep Socket (1) 9/16" Deep Socket (1) 5/8" Deep Socket (1) 11/16" Deep Socket (1) 13/4" Deep Socket (1) 13/16" Deep Socket (1) 13/16" Deep Socket (1) 15/16" Deep Socket (1) 15/16" Deep Socket (1) 11-1716" Deep Socket (1) Hard Case		49-66-7011
	6 PT STANDARD 14 PC SHOCKWAVE Impact Duty™ 1/2" Drive Metric 6 Point Standard Socket Set	(1) 10 mm Standard Socket (1) 11 mm Standard Socket (1) 12 mm Standard Socket (1) 13 mm Standard Socket (1) 14 mm Standard Socket (1) 15 mm Standard Socket (1) 16 mm Standard Socket (1) 17 mm Standard Socket (1) 17 mm Standard Socket	(1) 18 mm Standard Socket (1) 19 mm Standard Socket (1) 21 mm Standard Socket (1) 22 mm Standard Socket (1) 26 mm Standard Socket (1) 27 mm Standard Socket (1) Hard Case	49-66-7013
	6 PT DEEP 14 PC SHOCKWAVE Impact Duty " 1/2" Drive Metric 6 Point Deep Socket Set	(1) 10 mm Deep Socket (1) 11 mm Deep Socket (1) 12 mm Deep Socket (1) 13 mm Deep Socket (1) 14 mm Deep Socket (1) 15 mm Deep Socket (1) 16 mm Deep Socket (1) 17 mm Deep Socket	(1) 18 mm Deep Socket (1) 19 mm Deep Socket (1) 21 mm Deep Socket (1) 22 mm Deep Socket (1) 26 mm Deep Socket (1) 27 mm Deep Socket (1) 47 mm Deep Socket (1) Hard Case	49-66-7014
AUGUST STATE OF THE PARTY OF TH	6 PT DEEP 19 PC SHOCKWAVE Impact Duty™ 1/2" Drive SAE 6 Point Deep Socket Set	(1) 3/8" Deep Socket (1) 7/16" Deep Socket (1) 1/2" Deep Socket (1) 9/16" Deep Socket (1) 5/8" Deep Socket (1) 11/16" Deep Socket (1) 3/4" Deep Socket (1) 13/16" Deep Socket (1) 7/8" Deep Socket (1) 15/16" Deep Socket	(1) 1" Deep Socket (1) 1-1/16" Deep Socket (1) 1-1/8" Deep Socket (1) 1-3/16" Deep Socket (1) 1-5/16" Deep Socket (1) 1-5/16" Deep Socket (1) 1-7/16" Deep Socket (1) 1-1/2" Deep Socket (1) 1-1/2" Deep Socket	49-66-7012
	29 PC SHOCKWAVE Impact Duty" 1/2" Drive Metric 6 Point Deep Socket Set	(1) 8 mm Deep Socket (1) 9 mm Deep Socket (1) 10 mm Deep Socket (1) 11 mm Deep Socket (1) 12 mm Deep Socket (1) 13 mm Deep Socket (1) 14 mm Deep Socket (1) 15 mm Deep Socket (1) 16 mm Deep Socket (1) 18 mm Deep Socket (1) 18 mm Deep Socket (1) 19 mm Deep Socket (1) 20 mm Deep Socket (1) 21 mm Deep Socket (1) 22 mm Deep Socket (1) 22 mm Deep Socket	(1) 23 mm Deep Socket (1) 24 mm Deep Socket (1) 25 mm Deep Socket (1) 26 mm Deep Socket (1) 27 mm Deep Socket (1) 28 mm Deep Socket (1) 29 mm Deep Socket (1) 30 mm Deep Socket (1) 31 mm Deep Socket (1) 32 mm Deep Socket (1) 33 mm Deep Socket (1) 33 mm Deep Socket (1) 35 mm Deep Socket (1) 36 mm Deep Socket (1) 44 mm Deep Socket (1) 45 mm Deep Socket (1) 46 mm Deep Socket (1) 47 mm Deep Socket (1) 48 mm Deep Socket (1) 49 mm Deep Socket (1) 49 mm Deep Socket (1) 49 mm Deep Socket (1) 41 mm Deep Socket	49-66-7015



SHOCKWAVE IMPACT DUTY™ 1/2" DRIVE SOCKET SETS

Description	Includes	
6 PT DEEP 29 PC SHOCKWAVE Impact Duty" 1/2" Drive Metric & SAE 6 Point Deep Socket Set	(1) 7/16" Deep Socket (1) 7/16" Deep Socket (1) 1/2" Deep Socket (1) 9/16" Deep Socket (1) 9/16" Deep Socket (1) 13 mm Deep Socket (1) 13/4" Deep Socket (1) 11/16" Deep Socket (1) 13/4" Deep Socket (1) 13/4" Deep Socket (1) 13/4" Deep Socket (1) 15/16" Deep Socket (1) 15/16" Deep Socket (1) 15/16" Deep Socket (1) 11/16" Deep Socket	49-66-7016

SHOCKWAVE IMPACT DUTY™ 1/2" DRIVE SAE SOCKETS



Diameter	Depth	Part No.
3/8"	Standard	49-66-6200
7/16"	Standard	49-66-6201
1/2"	Standard	49-66-6202
9/16"	Standard	49-66-6203
5/8"	Standard	49-66-6204
11/16"	Standard	49-66-6205
3/4"	Standard	49-66-6206
13/16"	Standard	49-66-6207
7/8"	Standard	49-66-6208
15/16"	Standard	49-66-6209
1"	Standard	49-66-6210
1-1/16"	Standard	49-66-6211
1-1/8"	Standard	49-66-6212
1-3/16"	Standard	49-66-6213
1-1/4"	Standard	49-66-6214
1-5/16"	Standard	49-66-6215
1-3/8"	Standard	49-66-6216
1-7/16"	Standard	49-66-6217
1-1/2"	Standard	49-66-6218
1-9/16"	Standard	49-66-6219



Diameter	Depth	Part No.
3/8"	Deep	49-66-6220
7/16"	Deep	49-66-6221
1/2"	Deep	49-66-6222
9/16"	Deep	49-66-6223
5/8"	Deep	49-66-6224
11/16"	Deep	49-66-6225
3/4"	Deep	49-66-6226
13/16"	Deep	49-66-6227
7/8"	Deep	49-66-6228
15/16"	Deep	49-66-6229
1"	Deep	49-66-6230
1-1/16"	Deep	49-66-6231
1-1/8"	Deep	49-66-6232
1-3/16"	Deep	49-66-6233
1-1/4"	Deep	49-66-6234
1-5/16"	Deep	49-66-6235
1-3/8"	Deep	49-66-6236
1-7/16"	Deep	49-66-6237
1-1/2"	Deep	49-66-6238
1-9/16"	Deep	49-66-6239

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SHOCKWAVE IMPACT DUTY™ 1/2" DRIVE METRIC SOCKETS

6 PT STANDARD

Diameter	Depth	Part No.
8 mm	Standard	49-66-6240
9 mm	Standard	49-66-6241
10 mm	Standard	49-66-6242
11 mm	Standard	49-66-6243
12 mm	Standard	49-66-6244
13 mm	Standard	49-66-6245
14 mm	Standard	49-66-6246
15 mm	Standard	49-66-6247
16 mm	Standard	49-66-6248
17 mm	Standard	49-66-6249
18 mm	Standard	49-66-6250
19 mm	Standard	49-66-6251
20 mm	Standard	49-66-6252
21 mm	Standard	49-66-6253
22 mm	Standard	49-66-6254
23 mm	Standard	49-66-6255
24 mm	Standard	49-66-6256
25 mm	Standard	49-66-6257
26 mm	Standard	49-66-6258
27 mm	Standard	49-66-6259
28 mm	Standard	49-66-6260
29 mm	Standard	49-66-6261
30 mm	Standard	49-66-6262
31 mm	Standard	49-66-6263
32 mm	Standard	49-66-6264
33 mm	Standard	49-66-6265
34 mm	Standard	49-66-6266
35 mm	Standard	49-66-6267
36 mm	Standard	49-66-6268

6	PT)	DEEP

Diameter	Depth	Part No.
8 mm	Deep	49-66-6269
9 mm	Deep	49-66-6270
10 mm	Deep	49-66-6271
11 mm	Deep	49-66-6272
12 mm	Deep	49-66-6273
13 mm	Deep	49-66-6274
14 mm	Deep	49-66-6275
15 mm	Deep	49-66-6276
16 mm	Deep	49-66-6277
17 mm	Deep	49-66-6278
18 mm	Deep	49-66-6279
19 mm	Deep	49-66-6280
20 mm	Deep	49-66-6281
21 mm	Deep	49-66-6282
22 mm	Deep	49-66-6283
23 mm	Deep	49-66-6284
24 mm	Deep	49-66-6285
25 mm	Deep	49-66-6286
26 mm	Deep	49-66-6287
27 mm	Deep	49-66-6288
28 mm	Deep	49-66-6289
29 mm	Deep	49-66-6290
30 mm	Deep	49-66-6291
31 mm	Deep	49-66-6292
32 mm	Deep	49-66-6293
33 mm	Deep	49-66-6294
34 mm	Deep	49-66-6295
35 mm	Deep	49-66-6296

49-66-6297



METRIC

SHOCKWAVE IMPACT DUTY™ 1/2" DRIVE SOCKET ACCESSORIES

SHOCKWAVE IMPACT DUTY™ 1/2" DRIVE SOCKET ACCESSORIES

Description	Part No.
3" 1/2" Drive Extension	49-66-6706
6" 1/2" Drive Extension	49-66-6707
10" 1/2" Drive Extension	49-66-6708
3 PC 1/2" Drive Extension Set	49-66-6715
1/2" to 3/8" Drive Reducer	49-66-6725
1/2" to 3/4" Drive Adapter	49-66-6726
1/2" Drive Universal Joint	49-66-6727
1/2" Drive Socket Rail	49-66-6736
1/2" Drive Socket Rail Clips (10 pk)	49-66-6741
1/4" Hex to 1/2" Square Drive 2" Socket Adapter	48-32-5034
1/4" Hex to 1/2" Square Drive 2" Socket Adapters (Bulk 10)	48-32-5734





SHOCKWAVE IMPACT DUTY™ 3/4" DRIVE SOCKET SETS

SHOCKWAVE IMPACT DUTY™ 3/4" I	DRIVE SOCKET SETS		
Description		Includes	Part No.
	8 PC SHOCKWAVE Impact Duty [™] 3/4" Drive SAE 6 Point Standard Socket Set	(1) 1" Standard Socket (1) 1-1/16" Standard Socket (1) 1-1/18" Standard Socket (1) 1-1/4" Standard Socket (1) 1-5/16" Standard Socket (1) 1-3/8" Standard Socket (1) 1-7/16" Standard Socket (1) 1-7/16" Standard Socket (1) 1-7/16" Standard Socket (1) 1-1/2" Standard Socket (1) 1-1/2" Standard Socket	49-66-7017
	8 PC SHOCKWAVE Impact Duty" 3/4" Drive SAE 6 Point Deep Socket Set	(1) 1" Deep Socket (1) 1-1/16" Deep Socket (1) 1-1/8" Deep Socket (1) 1-1/4" Deep Socket (1) 1-5/16" Deep Socket (1) 1-3/8" Deep Socket (1) 1-7/16" Deep Socket (1) 1-7/16" Deep Socket (1) 1-7/16" Deep Socket (1) 1-1/2" Deep Socket (1) Hard Case	49-66-7018
	8 PC SHOCKWAVE Impact Duty" 3/4" Drive Metric 6 Point Standard Socket Set	(1) 26 mm Standard Socket (1) 27 mm Standard Socket (1) 29 mm Standard Socket (1) 30 mm Standard Socket (1) 32 mm Standard Socket (1) 35 mm Standard Socket (1) 35 mm Standard Socket (1) 36 mm Standard Socket (1) 38 mm Standard Socket (1) 38 mm Standard Socket (1) Hard Case	49-66-7019



SHOCKWAVE IMPACT DUTY™ 3/4" DRIVE SOCKET SETS

Description	Includes	Part No.
8 PC SHOCKWAVE Impact Duty" 3/4" Drive Metric 6 Point Deep Socket Set	(1) 26 mm Deep Socket (1) 27 mm Deep Socket (1) 29 mm Deep Socket (1) 30 mm Deep Socket (1) 32 mm Deep Socket (1) 35 mm Deep Socket (1) 35 mm Deep Socket (1) 36 mm Deep Socket (1) 38 mm Deep Socket (1) 48 mm Deep Socket (1) 48 mm Deep Socket (1) 49 mm Deep Socket (1) 49 mm Deep Socket	49-66-7020



SHOCKWAVE IMPACT DUTY™ 3/4" DRIVE SAE SOCKETS

6 PT	STANDARD

Diameter	Depth	Part No.	Optional Retaining Ring
9/16"	Standard	49-66-6300	
5/8"	Standard	49-66-6301	
11/16"	Standard	49-66-6302	
3/4"	Standard	49-66-6303	49-66-6743
13/16"	Standard	49-66-6304	49-00-0743
7/8"	Standard	49-66-6305	
15/16"	Standard	49-66-6306	
1"	Standard	49-66-6307	
1-1/16"	Standard	49-66-6308	49-66-6744
1-1/8"	Standard	49-66-6309	
1-3/16"	Standard	49-66-6310	
1-1/4"	Standard	49-66-6311	
1-5/16"	Standard	49-66-6312	
1-3/8"	Standard	49-66-6313	
1-7/16"	Standard	49-66-6314	
1-1/2"	Standard	49-66-6315	
1-9/16"	Standard	49-66-6316	
1-5/8"	Standard	49-66-6317	
1-11/16"	Standard	49-66-6318	
1-3/4"	Standard	49-66-6319	
1-13/16"	Standard	49-66-6320	
1-7/8"	Standard	49-66-6321	
1-15/16"	Standard	49-66-6322	
2"	Standard	40-66-6323	



Diameter	Depth	Part No.	Optional Retaining Ring
9/16"	Deep	49-66-6332	
5/8"	Deep	49-66-6333	
11/16"	Deep	49-66-6334	
3/4"	Deep	49-66-6335	49-66-6743
13/16"	Deep	49-66-6336	49-00-0743
7/8"	Deep	49-66-6337	
15/16"	Deep	49-66-6338	
1"	Deep	49-66-6339	
1-1/16"	Deep	49-66-6340	
1-1/8"	Deep	49-66-6341	
1-3/16"	Deep	49-66-6342	
1-1/4"	Deep	49-66-6343	
1-5/16"	Deep	49-66-6344	
1-3/8"	Deep	49-66-6345	
1-7/16"	Deep	49-66-6346	
1-1/2"	Deep	49-66-6347	49-66-6744
1-9/16"	Deep	49-66-6348	49-00-0744
1-5/8"	Deep	49-66-6349	
1-11/16"	Deep	49-66-6350	
1-3/4"	Deep	49-66-6351	
1-13/16"	Deep	49-66-6352	
1-7/8"	Deep	49-66-6353	
1-15/16"	Deep	49-66-6354	
2"	Deep	49-66-6355	



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SHOCKWAVE IMPACT DUTY™ 3/4" DRIVE METRIC SOCKETS



Diameter	Depth	Part No.	Optional Retaining Ring
17 mm	Standard	49-66-6356	
19 mm	Standard	49-66-6357	
20 mm	Standard	49-66-6358	
21 mm	Standard	49-66-6359	
22 mm	Standard	49-66-6360	
23 mm	Standard	49-66-6361	
24 mm	Standard	49-66-6362	
25 mm	Standard	49-66-6363	
26 mm	Standard	49-66-6364	
27 mm	Standard	49-66-6365	
28 mm	Standard	49-66-6366	
29 mm	Standard	49-66-6367	
30 mm	Standard	49-66-6368	
31 mm	Standard	49-66-6369	
32 mm	Standard	49-66-6370	
33 mm	Standard	49-66-6371	
34 mm	Standard	49-66-6372	
35 mm	Standard	49-66-6373	49-66-6744
36 mm	Standard	49-66-6374	
37 mm	Standard	49-66-6375	
38 mm	Standard	49-66-6376	
39 mm	Standard	49-66-6377	
40 mm	Standard	49-66-6378	
41 mm	Standard	49-66-6379	
42 mm	Standard	49-66-6380	
43 mm	Standard	49-66-6381	
44 mm	Standard	49-66-6382	
45 mm	Standard	49-66-6383	
46 mm	Standard	49-66-6384	
47 mm	Standard	49-66-6385	
48 mm	Standard	49-66-6386	
49 mm	Standard	49-66-6387	
50 mm	Standard	49-66-6388	
60 mm	Standard	49-66-6392	

6 PT	DEEP

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Diameter	Depth	Part No.	Optional Retaining Ring
17 mm	Deep	49-66-6393	
19 mm	Deep	49-66-6394	
20 mm	Deep	49-66-6395	
21 mm	Deep	49-66-6396	
22 mm	Deep	49-66-6397	
23 mm	Deep	49-66-6398	
24 mm	Deep	49-66-6399	
25 mm	Deep	49-66-6400	
26 mm	Deep	49-66-6401	
27 mm	Deep	49-66-6402	
28 mm	Deep	49-66-6403	
29 mm	Deep	49-66-6404	
30 mm	Deep	49-66-6405	
31 mm	Deep	49-66-6406	
32 mm	Deep	49-66-6407	
33 mm	Deep	49-66-6408	
34 mm	Deep	49-66-6409	49-66-6744
35 mm	Deep	49-66-6410	
36 mm	Deep	49-66-6411	
37 mm	Deep	49-66-6412	
38 mm	Deep	49-66-6413	
39 mm	Deep	49-66-6414	
40 mm	Deep	49-66-6415	
41 mm	Deep	49-66-6416	
42 mm	Deep	49-66-6417	
43 mm	Deep	49-66-6418	
44 mm	Deep	49-66-6419	
45 mm	Deep	49-66-6420	
46 mm	Deep	49-66-6421	
47 mm	Deep	49-66-6422	
48 mm	Deep	49-66-6423	
49 mm	Deep	49-66-6424	
50 mm	Deep	49-66-6425	

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METRIC





SHOCKWAVE IMPACT DUTY™ 3/4" DRIVE SOCKET ACCESSORIES

SHOCKWAVE IMPACT DUTY™ 3/4" DRIVE SOCKET ACCESSORIES

Description	Part No.
4" 3/4" Drive Extension	49-66-6709
7" 3/4" Drive Extension	49-66-6710
10" 3/4" Drive Extension	49-66-6711
3/4" to 1/2" Drive Reducer	49-66-6728
3/4" to 1" Drive Adapter	49-66-6729
3/4" Drive Universal Joint	49-66-6730
9/16" to 1" 3/4" Drive Socket Retaining Ring	49-66-6743
1-1/16" to 2" 3/4" Drive Socket Retaining Ring	49-66-6744



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6 PT STANDARD

Diameter	Depth	Part No.	Optional Retaining Ring
27 mm	Standard	49-66-6592	
28 mm	Standard	49-66-6593	
29 mm	Standard	49-66-6594	
30 mm	Standard	49-66-6595	
31 mm	Standard	49-66-6596	
32 mm	Standard	49-66-6597	40.00.0745
33 mm	Standard	49-66-6598	49-66-6745
34 mm	Standard	49-66-6599	
35 mm	Standard	49-66-6600	
36 mm	Standard	49-66-6601	
38 mm	Standard	49-66-6602	
40 mm	Standard	49-66-6603	

Diameter	Depth	Part No.	Optional Retaining Ring	
41 mm	Standard	49-66-6604	40.66.6745	
42 mm	Standard	49-66-6605	49-66-6745	
46 mm	Standard	49-66-6606		
50 mm	Standard	49-66-6607		
52 mm	Standard	49-66-6608		
54 mm	Standard	49-66-6609		
55 mm	Standard	49-66-6610		
56 mm	Standard	49-66-6611	49-66-6746	
58 mm	Standard	49-66-6612		
60 mm	Standard	49-66-6613		
65 mm	Standard	49-66-6614		
67 mm	Standard	49-66-6615		
70 mm	Standard	49-66-6616		

1" DRIVE

NEW

SHOCKWAVE IMPACT DUTY™ 1" DRIVE SAE SOCKETS



Diameter	Depth	Part No.	Optional Retaining Ring
7/8"	Deep	49-66-6502	
15/16"	Deep	49-66-6503	
1"	Deep	49-66-6504	
1-1/16"	Deep	49-66-6505	
1-1/8"	Deep	49-66-6506	
1-3/16"	Deep	49-66-6507	49-66-6745
1-1/4"	Deep	49-66-6508	
1-5/16"	Deep	49-66-6509	
1-3/8"	Deep	49-66-6510	
1-7/16"	Deep	49-66-6511	

Diameter	Depth	Part No.	Optional Retaining Ring
1-1/2"	Deep	49-66-6512	
1-9/16"	Deep	49-66-6513	49-66-6745
1-5/8"	Deep	49-66-6514	49-00-0743
1-11/16"	Deep	49-66-6515	
1-3/4"	Deep	49-66-6516	
1-13/16"	Deep	49-66-6517	
1-7/8"	Deep	49-66-6518	49-66-6746
1-15/16"	Deep	49-66-6519	49-00-0740
2"	Deep	49-66-6520	
2-1/4"	Deep	49-66-6521	

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SHOCKWAVE IMPACT DUTY™ 1" DRIVE SOCKET ACCESSORIES

SHOCKWAVE IMPACT DUTY™ 1" DRIVE METRIC SOCKETS

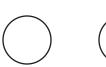
SHOCKWAVE IMPACT DUTY™ 1" DRIVE SOCKET ACCESSORIES

SHOCKWAVE IMPACT DOTT 1 DRIVE SOCKET ACCESSORIES	
Part No.	
49-66-6712	
49-66-6713	
49-66-6731	
49-66-6732	
49-66-6733	
49-66-6745	
49-66-6746	





1" to 1-1/2" Drive



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SHOCKWAVE IMPACT DUTY™ LINEMAN'S 3-IN-1 UTILITY SOCKETS

OVERVIEW

The SHOCKWAVE Impact Duty™ Lineman's 3-in-1 Utility Sockets provide more secure, efficient fastening in all fastening environments and orientations. The sockets feature a 3-in-1 square design for single-sided fastening, eliminating the drop hazard of removing the sockets from the adapter to change sizes. The Push and Twist Barrel Lock allows for secure, one-handed size changes, even while wearing gloves. The sockets feature an interior debris shield that resists interior rust and corrosion from dirt. wood chips, and moisture from the jobsite.

FEATURES

- More secure, efficient fastening
- 3-in-1 Square Design: For single-sided fastening
- Push and Twist Barrel Lock: Secure, one-handed size changes





SHOCKWAVE IMPACT DUTY™ LINEMAN'S 2-IN-1 UTILITY SOCKETS

Description	Part No.
9/16" & 3/4" SHOCKWAVE Impact Duty™ Lineman's 2-in-1 6 Point Socket	49-66-5111
9/16" & 3/4" SHOCKWAVE Impact Duty™ Lineman's 2-in-1 12 Point Socket	49-66-5121
3/8" & 1/2" SHOCKWAVE Impact Duty™ Lineman 2-in-1 12 Point Socket	49-66-5119

Description	Part No.
7/16" & 5/8" SHOCKWAVE Impact Duty™ Lineman's 2-in-1 12 Point Socket	49-66-5120
15/16" & 1-1/8" SHOCKWAVE Impact Duty™ Lineman's 2-in-1 12 Point Socket	49-66-5124
3 PC SHOCKWAVE Impact Duty™ Lineman's 2-in-1 12 Point Socket Set	49-66-5125

SHOCKWAVE IMPACT DUTY™ LINEMAN'S 3-IN-1 UTILITY SOCKETS

Description	Part No.
SHOCKWAVE Impact Duty™ Lineman's 3-in-1 Distribution Utility Socket	49-66-5101
SHOCKWAVE Impact Duty™ Lineman's 3-in-1 Transmission Utility Socket	49-66-5102

SHOCKWAVE IMPACT DUTY™ LINEMAN'S 2-IN-1 UTILITY SOCKETS

OVERVIEW

Our SHOCKWAVE Impact Duty™ Lineman's 2-in-1 Socket is designed to increase efficiency and safety for Lineman. This 2-in-1 socket is the most durable with an internal anti-rust, stainless steel spring-loaded design. The 12PT design will fit both hex and square hardware for increased versatility and provides hands-free changes. A 7/16" to 1/2" impact adapter is included. This MILWAUKEE® socket set features a pin detent hole for locking onto pin detent tools and adapters for maximum jobsite productivity.



FEATURES

- Internal Anti-rust Stainless Steel Spring: Increased durability
- 2-in-1 Design: Fits two different-sized hardware without changing the socket
- 7/16" to 1/2" SHOCKWAVE™ Lineman's Impact Adapter included

SHOCKWAVE IMPACT DUTY™ LINEMAN'S HEX BIT SOCKETS

OVERVIEW

Our SHOCKWAVE Impact Duty™ Lineman's Hex Bit Sockets are designed to be the most durable, providing the best access into tight spaces. Their one-piece design helps these hex bit sockets better withstand the torque of power tools. A 1-3/4" hex fastening depth allows these bits to fit the most common connections and hardware that utilities and electricians encounter. The profile is more compact compared to some competitive hex bit sockets and will fit more connections.

FEATURES

- Internal Anti-rust Stainless Steel Spring: Increased durability
- 2-in-1 Design: Fits two different-sized hardware without changing
- 7/16" to 1/2" SHOCKWAVE Impact Duty™ Lineman's Impact Adapter



SHOCKWAVE IMPACT DUTY™ LINEMAN'S HEX BIT SOCKETS

Description		Drive	Part No.
	5/16" SHOCKWAVE Impact Duty™ Lineman's 3/8" Drive Hex Bit Socket	3/8"	49-66-5151
	3/8" SHOCKWAVE Impact Duty™ Lineman's 3/8" Drive Hex Bit Socket	3/8"	49-66-5152
	1/2" SHOCKWAVE Impact Duty™ Lineman's 3/8" Drive Hex Bit Socket	3/8"	49-66-5154
	5/16" SHOCKWAVE Impact Duty™ Lineman's 1/2" Drive Hex Bit Socket	1/2"	49-66-5141
	3/8" SHOCKWAVE Impact Duty™ Lineman's 1/2" Drive Hex Bit Socket	1/2"	49-66-5142
	1/2" SHOCKWAVE Impact Duty™ Lineman's 1/2" Drive Hex Bit Socket	1/2"	49-66-5144



SHOCKWAVE IMPACT DUTY™ LINEMAN'S HEX BIT SOCKETS - METRIC

Description		Drive	Part No.
	5 mm SHOCKWAVE Impact Duty™ Lineman's 3/8" Drive Hex Bit Socket	3/8"	49-66-5155
	6 mm SHOCKWAVE Impact Duty™ Lineman's 3/8" Drive Hex Bit Socket	3/8"	49-66-5156
	5 mm SHOCKWAVE Impact Duty™ Lineman's 1/2" Drive Hex Bit Socket	1/2"	49-66-5145
	6 mm SHOCKWAVE Impact Duty™ Lineman's 1/2" Drive Hex Bit Socket	1/2"	49-66-5146

SHOCKWAVE IMPACT DUTY™ LINEMAN'S REMOVERS/INSTALLERS

Description	Part No.
5/8" SHOCKWAVE Impact Duty™ Lineman's Pole Step Socket	49-66-5131
SHOCKWAVE Impact Duty [™] Lineman's J-Hook Socket	49-66-5132

SHOCKWAVE IMPACT DUTY™ LINEMAN'S PENTA SOCKET

Description	Part No.	
13/16" SHOCKWAVE Impac	t Duty [™] Lineman's Penta Socket 49-66-5133	

SHOCKWAVE IMPACT DUTY™ LINEMAN'S SOCKET ADAPTERS

Description	Part No.
7/16"-1/2" SHOCKWAVE Impact Duty™ Lineman's Socket Adapter	48-32-5100
7/16"-1/2" SHOCKWAVE Impact Duty™ Lineman's Socket Adapter (10 pk)	49-32-5700



STEEL HAWG® CUTTERS

THREADED STEEL HAWG® CUTTERS

OVERVIEW

MILWAUKEE® Threaded STEEL HAWG® Cutters Are designed to cut Faster and longer in tough metal materials. These long-lasting cutters feature carbide teeth and an alternating cutting pattern to cut up to a 2" hole depth in steel, stainless steel, cast iron or aluminum. A spring-loaded, self-ejecting pin lets you make smoother, more accurate cuts and eject plugs faster. The STEEL HAWG® Cutter works with most electromagnetic drill presses. For best cutting results use HAWG WASH™ cutting fluid to keep cutting surface cool and lubricated. HAWG WASH™ fluid is available in 16 ounce bottles (49-32-0081). One bottle makes one gallon of lubricating solution. Order oil hose (43-75-0010) and hand pump (44-46-0090) separately to distribute cutting fluid during drilling.



FEATURES

- Faster Cutting: Alternating tooth form geometry makes fast work of cutting steel
- Long Life: Abrasion-resistant carbide teeth increase cutter life and produce a cleaner cut
- Versatile: 2" Cutting depth



THREADED STEEL HAWG® CUTTERS

Diameter	Description	Part No.
3/4"	Threaded STEEL HAWG® Cutter	49-57-0750
13/16"	Threaded STEEL HAWG® Cutter	49-57-0812
7/8"	Threaded STEEL HAWG® Cutter	49-57-0875
15/16"	Threaded STEEL HAWG® Cutter	49-57-0937
1"	Threaded STEEL HAWG® Cutter	49-57-1000
1-1/16"	Threaded STEEL HAWG® Cutter	49-57-1062
1-1/8"	Threaded STEEL HAWG® Cutter	49-57-1125
1-3/16"	Threaded STEEL HAWG® Cutter	49-57-1187
1-1/4"	Threaded STEEL HAWG® Cutter	49-57-1250
1-5/16"	Threaded STEEL HAWG® Cutter	49-57-1312
1-3/8"	Threaded STEEL HAWG® Cutter	49-57-1375
1-7/16"	Threaded STEEL HAWG® Cutter	49-57-1437
1-1/2"	Threaded STEEL HAWG® Cutter	49-57-1500
1-9/16"	Threaded STEEL HAWG® Cutter	49-57-1562
1-5/8"	Threaded STEEL HAWG® Cutter	49-57-1625
1-11/16"	Threaded STEEL HAWG® Cutter	49-57-1687
1-3/4"	Threaded STEEL HAWG® Cutter	49-57-1750
1-13/16"	Threaded STEEL HAWG® Cutter	49-57-1812

Threaded STEEL HAWG® Cutter

49-57-1875

Diameter	Description	Part No.
1-15/16"	Threaded STEEL HAWG® Cutter	49-57-1937
2"	Threaded STEEL HAWG® Cutter	49-57-2000
2-1/16"	Threaded STEEL HAWG® Cutter	49-57-2060
2-1/8"	Threaded STEEL HAWG® Cutter	49-57-2120
2-1/4"	Threaded STEEL HAWG® Cutter	49-57-2250
2-5/16"	Threaded STEEL HAWG® Cutter	49-57-2310
2-3/8"	Threaded STEEL HAWG® Cutter	49-57-2370
2-1/2"	Threaded STEEL HAWG® Cutter	49-57-2500
2-9/16"	Threaded STEEL HAWG® Cutter	49-57-2560
2-5/8"	Threaded STEEL HAWG® Cutter	49-57-2620
2-3/4"	Threaded STEEL HAWG® Cutter	49-57-2750
2-7/8"	Threaded STEEL HAWG® Cutter	49-57-2870
3"	Threaded STEEL HAWG® Cutter	49-57-3000
3-1/8"	Threaded STEEL HAWG® Cutter	49-57-3120
3-1/4"	Threaded STEEL HAWG® Cutter	49-57-3250
3-3/8"	Threaded STEEL HAWG® Cutter	49-57-3370
3-1/2"	Threaded STEEL HAWG® Cutter	49-57-3500
3-5/8"	Threaded STEEL HAWG® Cutter	49-57-3620
3-3/4"	Threaded STEEL HAWG® Cutter	49-57-3750



THREADED STEEL HAWG® CUTTERS

Diameter	Description	Part No.
3-7/8"	Threaded STEEL HAWG® Cutter	49-57-3870
4"	Threaded STEEL HAWG® Cutter	49-57-4000
4-1/8"	Threaded STEEL HAWG® Cutter	49-57-4120
4-1/4"	Threaded STEEL HAWG® Cutter	49-57-4250
4-3/8"	Threaded STEEL HAWG® Cutter	49-57-4370
4-1/2"	Threaded STEEL HAWG® Cutter	49-57-4500

Diameter	Description	Part No.
4-5/8"	Threaded STEEL HAWG® Cutter	49-57-4620
4-3/4"	Threaded STEEL HAWG® Cutter	49-57-4750
5"	Threaded STEEL HAWG® Cutter	49-57-5000
5-1/2"	Threaded STEEL HAWG® Cutter	49-57-5500
6"	Threaded STEEL HAWG® Cutter	49-57-6000

THREADED STEEL HAWG® ACCESSORIES

THREADED STEEL HAWG® ACCESSORIES

Description	Part No.
#2 Morse Taper to Threaded STEEL HAWG® Cutter Arbor	49-57-0020
#3 Morse Taper to Threaded STEEL HAWG® Cutter Arbor	49-57-0010
3/4" Shank to Threaded STEEL HAWG® Cutter Arbor	49-57-0030

QUICK CHANGE STEEL HAWG® CUTTERS

OVERVIEW

MILWAUKEE® Quick Change STEEL HAWG® Cutters are designed to cut faster and longer in tough metal materials. These long-lasting cutters feature carbide teeth and an alternating cutting pattern to cut up to a 2" hole depth in steel, stainless steel, cast iron or aluminum. A spring-loaded, self-ejecting pin lets you make smoother, more accurate cuts and eject plugs faster. The STEEL HAWG® Cutter works with most electromagnetic drill presses. For best cutting results use HAWG WASH™ cutting fluid to keep cutting surface cool and lubricated. HAWG WASH™ fluid is available in 16 ounce bottles (49-32-0081). One bottle makes one gallon of lubricating solution. Order oil hose (43-75-0010) and hand pump (44-46-0090) separately to distribute cutting fluid during drilling.



FEATURES

- Faster Cutting: Alternating tooth form geometry makes fast work of cutting steel
- Long Life: Abrasion-resistant carbide teeth increase cutter life and produce a cleaner cut
- Tool-free Operation: Fast changes
- Versatile: 1" Cutting depth

QUICK CHANGE STEEL HAWG® CUTTERS

	Diameter	Description	Part No.
4	1/2"	Quick Change Tang Drive STEEL HAWG® Cutter	49-57-0251
1	9/16"	Quick Change Tang Drive STEEL HAWG® Cutter	49-57-0564
	5/8"	Quick Change Tang Drive STEEL HAWG® Cutter	49-57-0626

QUICK CHANGE STEEL HAWG® CUTTERS

Diameter	Description	Part No.
11/16"	Quick Change Tang Drive STEEL HAWG® Cutter	49-57-0689
3/4"	Quick Change Tang Drive STEEL HAWG® Cutter	49-57-0752
13/16"	Quick Change Tang Drive STEEL HAWG® Cutter	49-57-0814
7/8"	Quick Change Tang Drive STEEL HAWG® Cutter	49-57-0877
15/16"	Quick Change Tang Drive STEEL HAWG® Cutter	49-57-0939
1"	Quick Change Tang Drive STEEL HAWG® Cutter	49-57-1002
1-1/16"	Quick Change Tang Drive STEEL HAWG® Cutter	49-57-1064
1-1/8"	Quick Change Tang Drive STEEL HAWG® Cutter	49-57-1127
1-3/16"	Quick Change Tang Drive STEEL HAWG® Cutter	49-57-1189
1-1/4"	Quick Change Tang Drive STEEL HAWG® Cutter	49-57-1252
1-5/16"	Quick Change Tang Drive STEEL HAWG® Cutter	49-57-1314
1-3/8"	Quick Change Tang Drive STEEL HAWG® Cutter	49-57-1377
1-7/16"	Quick Change Tang Drive STEEL HAWG® Cutter	49-57-1439
1-1/2"	Quick Change Tang Drive STEEL HAWG® Cutter	49-57-1502
1-9/16"	Quick Change Tang Drive STEEL HAWG® Cutter	49-57-1564
1-5/8"	Quick Change Tang Drive STEEL HAWG® Cutter	49-57-1627
1-11/16"	Quick Change Tang Drive STEEL HAWG® Cutter	49-57-1689
1-3/4"	Quick Change Tang Drive STEEL HAWG® Cutter	49-57-1752
1-13/16"	Quick Change Tang Drive STEEL HAWG® Cutter	49-57-1814
1-7/8"	Quick Change Tang Drive STEEL HAWG® Cutter	49-57-1877
1-15/16"	Quick Change Tang Drive STEEL HAWG® Cutter	49-57-1939
2"	Quick Change Tang Drive STEEL HAWG® Cutter	49-57-2002

QUICK CHANGE STEEL HAWG® ACCESSORIES

QUICK CHANGE STEEL HAWG® ACCESSORIES

Description	Part No.
#3 Morse Taper to Quick Change STEEL HAWG® Cutter Arbor	49-57-0012
#3 Morse Taper to Quick Change STEEL HAWG® Cutter Arbor with Chip Breaker	49-57-0013
3/4" Shank to Quick Change STEEL HAWG® Cutter Arbor	49-57-0032



ONE-PIECE STEEL HAWG® CUTTERS

OVERVIEW

Make a thinner cut through material and drill holes up to 3X faster with the MILWAUKEE® One-Piece STEEL HAWG® Cutters. These long-lasting cutters feature carbide teeth and an alternating tooth form geometry to cut holes fast in steel, stainless steel and cast iron up to 1/2" thick. Each cutter features a milled 3-Flat Shank designed to fit into 1/2" chucks. The One-Piece STEEL HAWG® Cutter is often used to cut a hole 1/16" larger than a bolt. It can be used with most electromagnetic drill presses and fits most 1/2" chucks.



FEATURES

- Faster Cutting: Alternating tooth form geometry makes fast work of
- Long Life: Abrasion-resistant carbide teeth increase cutter life and produce a cleaner cut
- Cleaner Holes: Cut less material for clean, accurate holes
- 1/2" Cutting Depth

ONE-PIECE STEEL HAWG® CUTTERS

Diameter	Description	Part No.
9/16"	One-Piece STEEL HAWG® Cutter	49-57-8064
11/16"	One-Piece STEEL HAWG® Cutter	49-57-8068
13/16"	One-Piece STEEL HAWG® Cutter	49-57-8081

Diameter	Description	Part No.
15/16"	One-Piece STEEL HAWG® Cutter	49-57-8093
1-1/16"	One-Piece STEEL HAWG® Cutter	49-57-8106

STEP DRILL BITS

COBALT STEP DRILL BITS

OVERVIEW

MILWAUKEE® Cobalt Step Drill Bits are engineered to deliver up to 15X the life in stainless compared to current solutions and up to 1,000 holes in mild steel. These Cobalt Step Drill Bits are recommended up to 14ga. Each bit features an elongated dual-flute design that also offers users best heat management, MILWAUKEE's RAPID STRIKE™ Tip allows for 2X faster starts in stainless, while smaller steps provide the smoothest possible drilling experience. Made in the USA with global materials, these step bits have best-in-class performance in cordless drills used on low speed in stainless steel and high speed for mild steel.

FEATURES

- Up to 15X Life in Stainless Steel and Over 1,000 Holes in Mild Steel
- Up to 2X Faster: With RAPID STRIKE™ Tip
- Elongated Dual-flute: Best heat management





COBALT STEP DRILL BITS

Description	Number of Holes	Part No.
#1 Cobalt Step Drill Bit, 1/8" – 1/2"	13	48-89-9281
#4 Cobalt Step Drill Bit, 3/16" – 7/8"	12	48-89-9284
#9 Cobalt Step Drill Bit, 7/8" – 1-1/8"	2	48-89-9289

COBALT STEP DRILL BIT SET

COBALT STEP DRILL BIT SET

Description	Includes	Part No.
3 PC Cobalt Step Drill Bit Set	(1) #1 Cobalt Step Drill Bit, 1/8" – 1/2" (1) #4 Cobalt Step Drill Bit, 3/16" – 7/8" (1) #9 Cobalt Step Drill Bit, 7/8" – 1-1/8" (1) Carrying Case	48-89-9291

SHOCKWAVE IMPACT DUTY" STEP DRILL BITS

OVERVIEW

MILWAUKEE's SHOCKWAVE Impact Duty™ Step Drill Bits are engineered to deliver the most durable and fastest impact step bit hole drilling solution. Our step drill bits are made in the USA with global materials and give you best-in-class performance in impact drivers with the versatility to be used in drills. The 1/4" hex shank has an optimized SHOCK ZONE™ body providing you with the industry's most durable shank, reducing early shank breaks. A Titanium Aluminum Nitride (TiAIN) coating helps deliver you 5X longer life, while the step drill bit's RAPID STRIKE™ Tip and dual spiral flute produce 2X faster holes. Our 1/8" – 1/2" step bit features 13 steps with laser engraving for a clear stop on size identification.

FEATURES

- Titanium Aluminum Nitride (TiAIN) coated RAPID STRIKE[™] Tip: Provides fast and accurate starts
- Most Durable Shank with an optimized SHOCK ZONE™
- Laser Engraving: Easy size identification

SHOCKWAVE IMPACT DUTY™ STEP DRILL BITS

Description	Number of Holes	Part No.
#1 SHOCKWAVE Impact Duty" Step Drill Bit, 1/8" – 1/2"	13	48-89-9241
#2 SHOCKWAVE Impact Duty™ Step Drill Bit, 3/16" – 1/2"	6	48-89-9242
#3 SHOCKWAVE Impact Duty™ Step Drill Bit, 3/16" – 3/4"	10	48-89-9243
#4 SHOCKWAVE Impact Duty™ Step Drill Bit, 3/16" – 7/8"	12	48-89-9244
#8 SHOCKWAVE Impact Duty™ Step Drill Bit, 1/2" – 1"	9	48-89-9248
#9 SHOCKWAVE Impact Duty™ Step Drill Bit, 7/8" – 1-1/8"	2	48-89-9249





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SHOCKWAVE IMPACT DUTY™ STEP DRILL BIT SETS

SHOCKWAVE IMPACT DUTY™ STEP DRILL BIT SETS

Description		Includes	Part No.
B	3 PC SHOCKWAVE Impact Duty [™] Step Drill Bit Set	(1) #1 SHOCKWAVE Impact Duty" Step Drill Bit, 1/8" – 1/2" (1) #2 SHOCKWAVE Impact Duty" Step Drill Bit, 3/16" – 1/2" (1) #4 SHOCKWAVE Impact Duty" Step Drill Bit, 3/16" – 7/8" (1) Carrying Case	48-89-9254
	3 PC SHOCKWAVE Impact Duty [™] Mechanical Step Drill Bit Set	(1) #2 SHOCKWAVE Impact Duty" Step Drill Bit, 3/16" – 1/2" (1) #3 SHOCKWAVE Impact Duty" Step Drill Bit, 3/16" – 3/4" (1) #8 SHOCKWAVE Impact Duty" Step Drill Bit, 1/2" – 1" (1) Carrying Case	48-89-9256
	3 PC SHOCKWAVE Impact Duty™ Electrician Step Drill Bit Set	(1) #1 SHOCKWAVE Impact Duty" Step Drill Bit, 1/8" – 1/2" (1) #4 SHOCKWAVE Impact Duty" Step Drill Bit, 3/16" – 7/8" (1) #9 SHOCKWAVE Impact Duty™ Step Drill Bit, 7/8" – 1-1/8" (1) Carrying Case	48-89-9257

SHOCKWAVE IMPACT DUTY™ STEP DRILL BITS - METRIC

SHOCKWAVE IMPACT DUTY™ STEP DRILL BITS - METRIC

Description	Number of Holes	Part No.
Metric SHOCKWAVE Impact Duty™ Step Drill Bit, 4 mm – 12 mm	9	48-89-9261
Metric SHOCKWAVE Impact Duty™ Step Drill Bit, 4 mm – 12 mm	5	48-89-9262
Metric SHOCKWAVE Impact Duty™ Step Drill Bit, 4 mm – 20 mm	9	48-89-9263
Metric SHOCKWAVE Impact Duty™ Step Drill Bit, 4 mm – 30 mm	10	48-89-9265

SHOCKWAVE IMPACT DUTY STEP DRILL BIT SET - METRIC

SHOCKWAVE IMPACT DUTY $^{\text{\tiny{TM}}}$ STEP DRILL BIT SET – METRIC

Description	Includes	Part No.
3 PC SHOCKWAVE Impact Duty™ Metric Step Drill Bit Set	(1) Metric SHOCKWAVE Impact Duty™ Step Bit, 4 mm – 12 mm (1) Metric SHOCKWAVE Impact Duty™ Step Bit, 4 mm – 20 mm (1) Metric SHOCKWAVE Impact Duty™ Step Bit, 4 mm – 30 mm (1) Carrying Case	48-89-9266



JAM-FREE STEP DRILL BITS

OVERVIEW

MILWAUKEE® Step Drill Bits with JAM-FREE Performance feature a dual-flute design delivering up to 2X faster hole times, up to 4X longer life and up to 50% more holes per battery charge than competitors. Ideal for drilling small and large-diameter holes in steel and plastic, these bits are optimized for cordless drills in high speed. The RAPID STRIKE™ Tip allows for a fast and accurate start that generates less heat, resulting in longer bit tip life. Black oxide coating also enhances durability, hole quality, and bit life. For user convenience and accuracy, each bit has laser-engraved reference marks you can see while drilling. The 3-flat SECURE GRIP™ shank ensures a solid connection with the drill chuck. JAM-FREE Performance in high speed with most professional 18-volt cordless drills' lithium-ion battery technology.



FEATURES

- JAM-FREE Performance: Dual-flute design provides greater speed and control
- Up to 2X Faster: Optimized for cordless drills in high speed
- RAPID STRIKE™ Tip: Creates fast, accurate starts and generates less heat

JAM-FREE STEP DRILL BITS

Description	Number of Holes	Part No.
#1 Step Drill Bit, 1/8" – 1/2"	13	48-89-9201
#2 Step Drill Bit, 3/16" – 1/2"	6	48-89-9202
#3 Step Drill Bit, 1/4" – 3/4"	9	48-89-9203
#4 Step Drill Bit, 3/16" – 7/8"	12	48-89-9204
#5 Step Drill Bit, 1/4" – 1-3/8"	10	48-89-9205
#6 Step Drill Bit, 3/8" & 1/2"	2	48-89-9206

Description	Number of Holes	Part No.
#7 Step Drill Bit, 7/8" Single Hole	1	48-89-9207
#8 Step Drill Bit, 1/2" – 1"	9	48-89-9208
#9 Step Drill Bit, 7/8" & 1-1/8"	2	48-89-9209
#11 Step Drill Bit, 7/8" – 1-7/32"	3	48-89-9211
#12 Step Drill Bit, 7/8" – 1-3/8"	5	48-89-9212

JAM-FREE STEP DRILL BIT SETS

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	Description		Includes	Part No.
		2 PC #4 Step Drill Bit Set	(2) #4 Step Drill Bits, 3/16" – 7/8"	48-89-9234
		2 PC #9 Step Drill Bit Set	(2) #9 Step Drill Bits, 7/8" & 1-1/8"	48-89-9239
)		3 PC Step Drill Bit Set	(1) #1 Step Drill Bit, 1/8" – 1/2" (1) #2 Step Drill Bit, 3/16" – 1/2" (1) #4 Step Drill Bit, 3/16" – 7/8" (1) Carrying Case	48-89-9221

JAM-FREE STEP DRILL BIT SETS

JAIN-FREE STEF DRILL DIT 3E13			
Description		Includes	Part No.
	4 PC Step Drill Bit Set	(1) #1 Step Drill Bit, 1/8" – 1/2" (1) #4 Step Drill Bit, 3/16" – 7/8" (1) #7 Step Drill Bit, 7/8" Single Hole (1) #12 Step Drill Bit, 7/8" – 1-3/8" (1) Carrying Case	48-89-9223
	6 PC Step Drill Bit Set	(1) #1 Step Drill Bit, 1/8" – 1/2" (1) #4 Step Drill Bit, 3/16" – 7/8" (1) #6 Step Drill Bit, 3/8" & 1/2" (1) #7 Step Drill Bit, 7/8" Single Hole (1) #8 Step Drill Bit, 1/2" – 1" (1) #9 Step Drill Bit, 7/8" & 1-1/8" (1) Carrying Case	48-89-9224
	10 PC Step and Drill Bit Set	(1) #1 Step Drill Bit, 1/8" – 1/2" (1) #4 Step Drill Bit, 3/16" – 7/8" (2) 1/16" THUNDERBOLT® Black Oxide Drill Bits (2) 3/32" THUNDERBOLT® Black Oxide Drill Bits (2) 1/8" THUNDERBOLT® Black Oxide Drill Bits (2) 3/16" THUNDERBOLT® Black Oxide Drill Bits (1) Carrying Case	48-89-9222

JAM-FREE METRIC STEP DRILL BITS

JAM-FREE METRIC STEP DRILL BITS

Description	Number of Holes	Part No.	
Step Drill Bit 4 mm – 12 mm	9	48-89-9301	
Step Drill Bit 4 mm – 12 mm	5	48-89-9302	
Step Drill Bit 4 mm – 20 mm	9	48-89-9320	
Step Drill Bit PG7-PG21 (28 mm)	9	48-89-9321	

Description	Number of Holes	Part No.
Step Drill Bit M6-M32 (32.5 mm)	13	48-89-9332
Step Drill Bit 6 mm – 35 mm	14	48-89-9335
Step Drill Bit 6 mm – 40.5 mm	17	48-89-9340

JAM-FREE METRIC STEP DRILL BIT SET

Description	Includes	Part No.
3 PC Metric Step Drill Bit Set	(1) 4-12mm Step Drill Bit (1) 4-20mm Step Drill Bit (1) 6-35mm Step Drill Bit	48-89-9399

TWIST DRILL BITS

SHOCKWAVE IMPACT DUTY™ RED HELIX™ TITANIUM HEX DRILL BITS

OVERVIEW

SHOCKWAVE Impact Duty™ RED HELIX™ Titanium Drill Bits are engineered for use in Impacts and Drill/Drivers. RED HELIX™ Drill Bits feature a QUAD EDGE™ Tip designed with four cutting edges that help decrease heat buildup and allow for faster drilling. These bits also feature an Enhanced Tapered Web, strengthening the bits' cores to increase flute durability, and a Variable Helix flute including an aggressive 35 degree Helix Angle which ends at 15 degrees. Designed to provide precision starts and prevent walking for fast, accurate holes in Wood, PVC and Mild Steel, Shockwave RED HELIX™ Titanium Drill Bits provide up to 5X life vs. Black Oxide Drill Bits. Choose from single drill bit sizes ranging from 1/16" to 1/2" or from several drill bit sets.

FEATURES

- 5X Longer Life vs. Black Oxide Drill Drills
- Ability to drill through wood, PVC, mild steel
- SHOCKWAVE Impact Duty™ Bits: 1/4" Hex Shank for use with an impact driver or drill





SHOCKWAVE IMPACT DUTY™ RED HELIX™ TITANIUM HEX DRILL BITS

Diameter	VARIABLE HELIX	QUAD EDGE™	Shank	Part No.
1/16"			1/4" Hex	48-89-4601
5/64"			1/4" Hex	48-89-4602
3/32"			1/4" Hex	48-89-4603
7/64"			1/4" Hex	48-89-4604
1/8"	х		1/4" Hex	48-89-4605
9/64"	х		1/4" Hex	48-89-4606
5/32"	х		1/4" Hex	48-89-4607
11/64"	х		1/4" Hex	48-89-4608
3/16"	х	х	1/4" Hex	48-89-4609
13/64"	х	х	1/4" Hex	48-89-4610
7/32"	х	х	1/4" Hex	48-89-4611
15/64"	х	х	1/4" Hex	48-89-4612
1/4"	х	х	1/4" Hex	48-89-4613
17/64"	х	х	1/4" Hex	48-89-4614
9/32"	х	х	1/4" Hex	48-89-4615

Diameter	VARIABLE HELIX	QUAD EDGE™	Shank	Part No.
19/64"	х	х	1/4" Hex	48-89-4616
5/16"	Х	Х	1/4" Hex	48-89-4617
21/64"	х	х	1/4" Hex	48-89-4618
11/32"	х	х	1/4" Hex	48-89-4619
23/64"	х	х	1/4" Hex	48-89-4620
3/8"	Х	Х	1/4" Hex	48-89-4621
25/64"	х	х	1/4" Hex	48-89-4622
13/32"	х	х	1/4" Hex	48-89-4623
27/64"	х	х	1/4" Hex	48-89-4624
7/16"	х	х	1/4" Hex	48-89-4625
29/64"	х	х	1/4" Hex	48-89-4626
15/32"	Х	Х	1/4" Hex	48-89-4627
31/64"	х	х	1/4" Hex	48-89-4628
1/2"	х	х	1/4" Hex	48-89-4629



SHOCKWAVE IMPACT DUTY™ RED HELIX™ TITANIUM HEX DRILL BITS - METRIC

SHOCKWAVE IMPACT DUTY™ RED HELIX™ TITANIUM HEX DRILL BITS – METRIC

	THARIOM HEX DILLE BITS - METHIO				
Diameter	VARIABLE HELIX	QUAD EDGE™	Shank	Part No.	
2 mm			1/4" Hex	48-89-4803	
2.5 mm			1/4" Hex	48-89-4804	
3 mm	х		1/4" Hex	48-89-4805	
3.2 mm	х		1/4" Hex	48-89-4806	
3.5 mm	х		1/4" Hex	48-89-4807	
4 mm	х		1/4" Hex	48-89-4808	
4.2 mm	х	х	1/4" Hex	48-89-4809	
4.5 mm	х	х	1/4" Hex	48-89-4810	
4.8 mm	х	х	1/4" Hex	48-89-4811	
5 mm	х	х	1/4" Hex	48-89-4812	
5.5 mm	х	х	1/4" Hex	48-89-4813	
6 mm	х	х	1/4" Hex	48-89-4814	
6.5 mm	х	х	1/4" Hex	48-89-4815	
6.8 mm	х	х	1/4" Hex	48-89-4816	

Diameter	VARIABLE HELIX	QUAD EDGE™	Shank	Part No.
7 mm	х	х	1/4" Hex	48-89-4817
7.5 mm	х	х	1/4" Hex	48-89-4818
8 mm	х	х	1/4" Hex	48-89-4819
8.5 mm	х	х	1/4" Hex	48-89-4820
9 mm	х	х	1/4" Hex	48-89-4821
9.5 mm	х	х	1/4" Hex	48-89-4822
10 mm	х	х	1/4" Hex	48-89-4823
10.5 mm	х	х	1/4" Hex	48-89-4824
11 mm	х	х	1/4" Hex	48-89-4825
11.5 mm	х	х	1/4" Hex	48-89-4826
12 mm	х	х	1/4" Hex	48-89-4827
12.5 mm	х	х	1/4" Hex	48-89-4828
13 mm	х	Х	1/4" Hex	48-89-4829

SHOCKWAVE IMPACT DUTY™ RED HELIX™ TITANIUM HEX DRILL BIT SETS

SHOCKWAVE IMPACT DUTY™ RED HELIX™ TITANIUM HEX DRILL BIT SETS

Description		Includes	Part No.
	4 PC SHOCKWAVE Impact Duty™ RED HELIX™ Titanium Drill Bit Set	(1) 1/8" Titanium SHOCKWAVE Impact Duty™ RED HELIX™ (1) 5/32" Titanium SHOCKWAVE Impact Duty™ RED HELIX™ (1) 3/16" Titanium SHOCKWAVE Impact Duty™ RED HELIX™ (1) 1/4" Titanium SHOCKWAVE Impact Duty™ RED HELIX™	48-89-4644
market and the second	10 PC SHOCKWAVE Impact Duty™ RED HELIX™ Titanium Drill Bit Set	(2) 1/8" Titanium SHOCKWAVE Impact Duty™ RED HELIX™ (1) 9/64" Titanium SHOCKWAVE Impact Duty™ RED HELIX™ (1) 5/32" Titanium SHOCKWAVE Impact Duty™ RED HELIX™ (1) 11/64" Titanium SHOCKWAVE Impact Duty™ RED HELIX™ (1) 3/16" Titanium SHOCKWAVE Impact Duty™ RED HELIX™ (1) 7/32" Titanium SHOCKWAVE Impact Duty™ RED HELIX™ (1) 1/4" Titanium SHOCKWAVE Impact Duty™ RED HELIX™ (1) 5/16" Titanium SHOCKWAVE Impact Duty™ RED HELIX™ (1) 3/8" Titanium SHOCKWAVE Impact Duty™ RED HELIX™	48-89-4633
	15 PC SHOCKWAVE Impact Duty™ RED HELIX™ Titanium Drill Bit Set	(2) 1/16" Titanium SHOCKWAVE Impact Duty TM RED HELIX TM (1) 5/64" Titanium SHOCKWAVE Impact Duty TM RED HELIX TM (1) 3/32" Titanium SHOCKWAVE Impact Duty TM RED HELIX TM (1) 7/64" Titanium SHOCKWAVE Impact Duty TM RED HELIX TM (2) 1/8" Titanium SHOCKWAVE Impact Duty TM RED HELIX TM (1) 9/64" Titanium SHOCKWAVE Impact Duty TM RED HELIX TM (1) 5/32" Titanium SHOCKWAVE Impact Duty TM RED HELIX TM (2) 3/16" Titanium SHOCKWAVE Impact Duty TM RED HELIX TM (1) 7/32" Titanium SHOCKWAVE Impact Duty TM RED HELIX TM (1) 1/4" Titanium SHOCKWAVE Impact Duty TM RED HELIX TM (1) 5/16" Titanium SHOCKWAVE Impact Duty TM RED HELIX TM (1) 3/8" Titanium SHOCKWAVE Impact Duty TM RED HELIX TM (1) 3/8" Titanium SHOCKWAVE Impact Duty TM RED HELIX TM	48-89-4630



	Description	Includes	Part No.
23 PC SHOCKWAVE Impact Duty™ RED HELIX™ Titanium Drill Bit Set		(2) 1/16" Titanium SHOCKWAVE Impact Duty™ RED HELIX™ (2) 5/64" Titanium SHOCKWAVE Impact Duty™ RED HELIX™ (1) 3/32" Titanium SHOCKWAVE Impact Duty™ RED HELIX™ (2) 7/64" Titanium SHOCKWAVE Impact Duty™ RED HELIX™ (2) 1/8" Titanium SHOCKWAVE Impact Duty™ RED HELIX™ (2) 9/64" Titanium SHOCKWAVE Impact Duty™ RED HELIX™ (2) 5/32" Titanium SHOCKWAVE Impact Duty™ RED HELIX™ (1) 11/64" Titanium SHOCKWAVE Impact Duty™ RED HELIX™ (2) 3/16" Titanium SHOCKWAVE Impact Duty™ RED HELIX™ (1) 13/64" Titanium SHOCKWAVE Impact Duty™ RED HELIX™ (1) 15/64" Titanium SHOCKWAVE Impact Duty™ RED HELIX™ (2) 1/4" Titanium SHOCKWAVE Impact Duty™ RED HELIX™ (2) 1/4" Titanium SHOCKWAVE Impact Duty™ RED HELIX™ (2) 1/4" Titanium SHOCKWAVE Impact Duty™ RED HELIX™ (1) 5/16" Titanium SHOCKWAVE Impact Duty™ RED HELIX™ (1) 5/16" Titanium SHOCKWAVE Impact Duty™ RED HELIX™ (1) 3/8" Titanium SHOCKWAVE Impact Duty™ RED HELIX™	48-89-4631
29 PC SHOCKWAVE Impact Duty™ RED HELIX™ Titanium Drill Bit Set		(1) 1/16" Titanium SHOCKWAVE Impact Duty™ RED HELIX™ (1) 5/64" Titanium SHOCKWAVE Impact Duty™ RED HELIX™ (1) 3/32" Titanium SHOCKWAVE Impact Duty™ RED HELIX™ (1) 7/64" Titanium SHOCKWAVE Impact Duty™ RED HELIX™ (1) 7/64" Titanium SHOCKWAVE Impact Duty™ RED HELIX™ (1) 9/64" Titanium SHOCKWAVE Impact Duty™ RED HELIX™ (1) 5/32" Titanium SHOCKWAVE Impact Duty™ RED HELIX™ (1) 5/32" Titanium SHOCKWAVE Impact Duty™ RED HELIX™ (1) 11/64" Titanium SHOCKWAVE Impact Duty™ RED HELIX™ (1) 13/64" Titanium SHOCKWAVE Impact Duty™ RED HELIX™ (1) 13/64" Titanium SHOCKWAVE Impact Duty™ RED HELIX™ (1) 17/64" Titanium SHOCKWAVE Impact Duty™ RED HELIX™ (1) 17/64" Titanium SHOCKWAVE Impact Duty™ RED HELIX™ (1) 11/64" Titanium SHOCKWAVE Impact Duty™ RED HELIX™ (1) 19/32" Titanium SHOCKWAVE Impact Duty™ RED HELIX™ (1) 19/64" Titanium SHOCKWAVE Impact Duty™ RED HELIX™ (1) 11/32" Titanium SHOCKWAVE Impact Duty™ RED HELIX™ (1) 11/32" Titanium SHOCKWAVE Impact Duty™ RED HELIX™ (1) 21/64" Titanium SHOCKWAVE Impact Duty™ RED HELIX™ (1) 21/64" Titanium SHOCKWAVE Impact Duty™ RED HELIX™ (1) 13/32" Titanium SHOCKWAVE Impact Duty™ RED HELIX™ (1) 3/64" Titanium SHOCKWAVE Impact Duty™ RED HELIX™ (1) 3/64" Titanium SHOCKWAVE Impact Duty™ RED HELIX™ (1) 17/64" Titanium SHOCKWAVE Impact Duty™ RED HELIX™ (1) 11/64" Titanium SHOCKWAVE Impact Duty™ RED HELIX™ (1) 11/64" Titanium SHOCKWAVE Impact Duty™ RED HELIX™ (1) 11/64" Titanium SHOCKWAVE Impact Duty™ RED HELIX™	48-89-4632



SHOCKWAVE IMPACT DUTY™ RED HELIX™ TITANIUM HEX DRILL BIT SETS - METRIC

SHOCKWAVE IMPACT DUTY™ RED HELIX™ TITANIUM HEX DRILL BIT SETS – METRIC

SHOOKWAYE HIM ACT DOTT HED HELEX THANDON HEX DRIEL DIT 3-18-1810				
	Description	Includes	Part No.	
E PARTICIPATION OF THE PARTICI	10 PC Metric SHOCKWAVE Impact Duty™ RED HELIX™ Titanium Drill Bit Set	(1) 3 mm Metric Titanium SHOCKWAVE Impact Duty [™] RED HELIX [™] (1) 3.5 mm Metric Titanium SHOCKWAVE Impact Duty [™] RED HELIX [™] (1) 4 mm Metric Titanium SHOCKWAVE Impact Duty [™] RED HELIX [™] (1) 4.5 mm Metric Titanium SHOCKWAVE Impact Duty [™] RED HELIX [™] (1) 5 mm Metric Titanium SHOCKWAVE Impact Duty [™] RED HELIX [™] (1) 6 mm Metric Titanium SHOCKWAVE Impact Duty [™] RED HELIX [™] (1) 7 mm Metric Titanium SHOCKWAVE Impact Duty [™] RED HELIX [™] (1) 8 mm Metric Titanium SHOCKWAVE Impact Duty [™] RED HELIX [™] (1) 9 mm Metric Titanium SHOCKWAVE Impact Duty [™] RED HELIX [™] (1) 10 mm Metric Titanium SHOCKWAVE Impact Duty [™] RED HELIX [™]	48-89-4859	



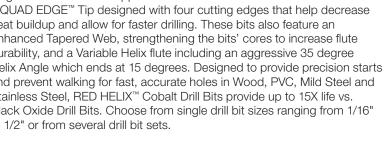
SHOCKWAVE IMPACT DUTY™ RED HELIX™ TITANIUM HEX DRILL BIT SETS – METRIC				
	Description	Includes	Part No.	
MATTER.	19 PC Metric SHOCKWAVE Impact Duty™ RED HELIX™ Titanium Drill Bit Set	(1) 2 mm Metric Titanium SHOCKWAVE Impact Duty" RED HELIX" (1) 2.5 mm Metric Titanium SHOCKWAVE Impact Duty" RED HELIX" (2) 3 mm Metric Titanium SHOCKWAVE Impact Duty" RED HELIX" (1) 3.5 mm Metric Titanium SHOCKWAVE Impact Duty" RED HELIX" (2) 4 mm Metric Titanium SHOCKWAVE Impact Duty" RED HELIX" (1) 4.5 mm Metric Titanium SHOCKWAVE Impact Duty" RED HELIX" (1) 5 mm Metric Titanium SHOCKWAVE Impact Duty" RED HELIX" (1) 6.5 mm Metric Titanium SHOCKWAVE Impact Duty" RED HELIX" (1) 6.5 mm Metric Titanium SHOCKWAVE Impact Duty" RED HELIX" (1) 6.5 mm Metric Titanium SHOCKWAVE Impact Duty" RED HELIX" (1) 7 mm Metric Titanium SHOCKWAVE Impact Duty" RED HELIX" (1) 8 mm Metric Titanium SHOCKWAVE Impact Duty" RED HELIX" (1) 8.5 mm Metric Titanium SHOCKWAVE Impact Duty" RED HELIX" (1) 8.5 mm Metric Titanium SHOCKWAVE Impact Duty" RED HELIX" (1) 9 mm Metric Titanium SHOCKWAVE Impact Duty" RED HELIX" (1) 9.5 mm Metric Titanium SHOCKWAVE Impact Duty" RED HELIX" (1) 9.5 mm Metric Titanium SHOCKWAVE Impact Duty" RED HELIX" (1) 10 mm Metric Titanium SHOCKWAVE Impact Duty" RED HELIX" (1) 10 mm Metric Titanium SHOCKWAVE Impact Duty" RED HELIX"	48-89-4860	
	25 PC Metric SHOCKWAVE Impact Duty™ RED HELIX™ Titanium Drill Bit Set	(1) 2 mm Metric Titanium SHOCKWAVE Impact Duty" RED HELIX" (2) 3 mm Metric Titanium SHOCKWAVE Impact Duty" RED HELIX" (3) 3.5 mm Metric Titanium SHOCKWAVE Impact Duty" RED HELIX" (4) 3.5 mm Metric Titanium SHOCKWAVE Impact Duty" RED HELIX" (5) 4 mm Metric Titanium SHOCKWAVE Impact Duty" RED HELIX" (6) 4.5 mm Metric Titanium SHOCKWAVE Impact Duty" RED HELIX" (7) 5.5 mm Metric Titanium SHOCKWAVE Impact Duty" RED HELIX" (8) 5.5 mm Metric Titanium SHOCKWAVE Impact Duty" RED HELIX" (9) 6.5 mm Metric Titanium SHOCKWAVE Impact Duty" RED HELIX" (10) 6.5 mm Metric Titanium SHOCKWAVE Impact Duty" RED HELIX" (11) 7.5 mm Metric Titanium SHOCKWAVE Impact Duty" RED HELIX" (12) 7.5 mm Metric Titanium SHOCKWAVE Impact Duty" RED HELIX" (13) 8.5 mm Metric Titanium SHOCKWAVE Impact Duty" RED HELIX" (14) 8.5 mm Metric Titanium SHOCKWAVE Impact Duty" RED HELIX" (15) 9.5 mm Metric Titanium SHOCKWAVE Impact Duty" RED HELIX" (16) 9.5 mm Metric Titanium SHOCKWAVE Impact Duty" RED HELIX" (17) 10.5 mm Metric Titanium SHOCKWAVE Impact Duty" RED HELIX" (18) 10.5 mm Metric Titanium SHOCKWAVE Impact Duty" RED HELIX" (19) 11.5 mm Metric Titanium SHOCKWAVE Impact Duty" RED HELIX" (19) 11.5 mm Metric Titanium SHOCKWAVE Impact Duty" RED HELIX" (19) 11.5 mm Metric Titanium SHOCKWAVE Impact Duty" RED HELIX" (19) 12.5 mm Metric Titanium SHOCKWAVE Impact Duty" RED HELIX" (19) 12.5 mm Metric Titanium SHOCKWAVE Impact Duty" RED HELIX" (19) 12.5 mm Metric Titanium SHOCKWAVE Impact Duty" RED HELIX" (19) 12.5 mm Metric Titanium SHOCKWAVE Impact Duty" RED HELIX" (19) 12.5 mm Metric Titanium SHOCKWAVE Impact Duty" RED HELIX" (19) 12.5 mm Metric Titanium SHOCKWAVE Impact Duty" RED HELIX" (19) 12.5 mm Metric Titanium SHOCKWAVE Impact Duty" RED HELIX" (19) 12.5 mm Metric Titanium SHOCKWAVE Impact Duty" RED HELIX" (19) 13 mm Metric Titanium SHOCKWAVE Impact Duty" RED HELIX"	48-89-4861	
The state of the s	29 PC Metric SHOCKWAVE Impact Duty™ RED HELIX™ Titanium Drill Bit Set	(1) 2 mm Metric Titanium SHOCKWAVE Impact Duty** RED HELIX** (1) 2.5 mm Metric Titanium SHOCKWAVE Impact Duty** RED HELIX** (2) 3 mm Metric Titanium SHOCKWAVE Impact Duty** RED HELIX** (1) 3.2 mm Metric Titanium SHOCKWAVE Impact Duty** RED HELIX** (1) 3.5 mm Metric Titanium SHOCKWAVE Impact Duty** RED HELIX** (2) 4 mm Metric Titanium SHOCKWAVE Impact Duty** RED HELIX** (1) 4.2 mm Metric Titanium SHOCKWAVE Impact Duty** RED HELIX** (1) 4.5 mm Metric Titanium SHOCKWAVE Impact Duty** RED HELIX** (1) 4.5 mm Metric Titanium SHOCKWAVE Impact Duty** RED HELIX** (1) 5 mm Metric Titanium SHOCKWAVE Impact Duty** RED HELIX** (1) 6.5 mm Metric Titanium SHOCKWAVE Impact Duty** RED HELIX** (1) 6.5 mm Metric Titanium SHOCKWAVE Impact Duty** RED HELIX** (1) 6.5 mm Metric Titanium SHOCKWAVE Impact Duty** RED HELIX** (1) 6.8 mm Metric Titanium SHOCKWAVE Impact Duty** RED HELIX** (1) 7.5 mm Metric Titanium SHOCKWAVE Impact Duty** RED HELIX** (1) 7.5 mm Metric Titanium SHOCKWAVE Impact Duty** RED HELIX** (1) 8.5 mm Metric Titanium SHOCKWAVE Impact Duty** RED HELIX** (1) 9.5 mm Metric Titanium SHOCKWAVE Impact Duty** RED HELIX** (1) 9.5 mm Metric Titanium SHOCKWAVE Impact Duty** RED HELIX** (1) 10 mm Metric Titanium SHOCKWAVE Impact Duty** RED HELIX** (1) 11.5 mm Metric Titanium SHOCKWAVE Impact Duty** RED HELIX** (1) 11.5 mm Metric Titanium SHOCKWAVE Impact Duty** RED HELIX** (1) 11.5 mm Metric Titanium SHOCKWAVE Impact Duty** RED HELIX** (1) 11.5 mm Metric Titanium SHOCKWAVE Impact Duty** RED HELIX** (1) 12.5 mm Metric Titanium SHOCKWAVE Impact Duty** RED HELIX** (1) 11.5 mm Metric Titanium SHOCKWAVE Impact Duty** RED HELIX** (1) 11.5 mm Metric Titanium SHOCKWAVE Impact Duty** RED HELIX** (1) 11.5 mm Metric Titanium SHOCKWAVE Impact Duty** RED HELIX** (1) 11.5 mm Metric Titanium SHOCKWAVE Impact Duty** RED HELIX** (1) 11.5 mm Metric Titanium SHOCKWAVE Impact Duty** RED HELIX** (1) 11.5 mm Metric Titanium SHOCKWAVE Impact Duty** RED HELIX** (1) 11.5 mm Metric Titanium SHOCKWAVE Impact Duty** RED HELIX** (1) 11.5 mm Metric Titanium	48-89-4862	



RED HELIX™ COBALT DRILL BITS

OVERVIEW

RED HELIX™ Cobalt Drill Bits are engineered for extreme durability and longer life in hard metal applications. RED HELIX™ Cobalt Drill Bits feature a QUAD EDGE™ Tip designed with four cutting edges that help decrease heat buildup and allow for faster drilling. These bits also feature an Enhanced Tapered Web, strengthening the bits' cores to increase flute durability, and a Variable Helix flute including an aggressive 35 degree Helix Angle which ends at 15 degrees. Designed to provide precision starts and prevent walking for fast, accurate holes in Wood, PVC, Mild Steel and Stainless Steel, RED HELIX™ Cobalt Drill Bits provide up to 15X life vs. Black Oxide Drill Bits. Choose from single drill bit sizes ranging from 1/16" to 1/2" or from several drill bit sets.



FEATURES

- 15X Longer Life vs. Black Oxide Drill Bits
- Ability to drill through wood, PVC, mild steel and stainless steel
- NEW Features including, QUAD EDGE™ Tip, Enhanced Tapered Web and Variable Helix



RED HELIX™ COBALT DRILL BITS

Diameter	VARIABLE HELIX	QUAD EDGE™	Shank	Part No.
1/16"			Round	48-89-2301
5/64"			Round	48-89-2302
3/32"			Round	48-89-2303
7/64"			Round	48-89-2304
1/8"	х		Round	48-89-2305
9/64"	х		Round	48-89-2306
5/32"	х		Round	48-89-2307
11/64"	х		Round	48-89-2308
3/16"	х	х	3-Flat	48-89-2309
13/64"	х	х	3-Flat	48-89-2310
7/32"	х	х	3-Flat	48-89-2311
15/64"	х	х	3-Flat	48-89-2312
1/4"	х	х	3-Flat	48-89-2313
17/64"	х	х	3-Flat	48-89-2314
9/32"	Х	Х	3-Flat	48-89-2315

Diameter	VARIABLE HELIX	QUAD EDGE™	Shank	Part No.
19/64"	х	х	3-Flat	48-89-2316
5/16"	Х	Х	3-Flat	48-89-2317
21/64"	Х	Х	3-Flat	48-89-2318
11/32"	Х	Х	3-Flat	48-89-2319
23/64"	Х	Х	3-Flat	48-89-2320
3/8"	Х	Х	3-Flat	48-89-2321
25/64"	Х	Х	3-Flat Reduced 3/8"	48-89-2322
13/32"	Х	Х	3-Flat Reduced 3/8"	48-89-2323
27/64"	Х	Х	3-Flat Reduced 3/8"	48-89-2324
7/16"	Х	Х	3-Flat Reduced 3/8"	48-89-2325
29/64"	Х	Х	3-Flat Reduced 3/8"	48-89-2326
15/32"	Х	Х	3-Flat Reduced 3/8"	48-89-2327
31/64"	х	х	3-Flat Reduced 3/8"	48-89-2328
1/2"	Х	х	3-Flat Reduced 3/8"	48-89-2329









RED HELIX™ COBALT DRILL BITS - METRIC

RED HELIX™ COBALT DRILL BITS - METRIC

RED HELIX™ COBALT DRILL BITS – METRIC						
Diameter	VARIABLE HELIX	QUAD EDGE™	Shank	Part No.		
1 mm			Round	48-89-2501		
1.5 mm			Round	48-89-2502		
2 mm			Round	48-89-2503		
2.5 mm			Round	48-89-2504		
3 mm	х		Round	48-89-2505		
3.2 mm	х		Round	48-89-2506		
3.5 mm	х		Round	48-89-2507		
4 mm	х		Round	48-89-2508		
4.2 mm	х		Round	48-89-2509		
4.5 mm	х		Round	48-89-2510		
4.8 mm	х	х	3-Flat	48-89-2511		
5 mm	х	х	3-Flat	48-89-2512		
5.5 mm	х	х	3-Flat	48-89-2513		
6 mm	х	х	3-Flat	48-89-2514		
6.5 mm	х	х	3-Flat	48-89-2515		

Diameter	VARIABLE HELIX	QUAD EDGE™	Shank	Part No.
6.8 mm	х	х	3-Flat	48-89-2516
7 mm	х	х	3-Flat	48-89-2517
7.5 mm	х	х	3-Flat	48-89-2518
8 mm	х	х	3-Flat	48-89-2519
8.5 mm	х	х	3-Flat	48-89-2520
9 mm	х	х	3-Flat	48-89-2521
9.5 mm	х	х	3-Flat	48-89-2522
10 mm	х	х	3-Flat	48-89-2523
10.5 mm	х	х	3-Flat Reduced 3/8"	48-89-2524
11 mm	х	х	3-Flat Reduced 3/8"	48-89-2525
11.5 mm	х	х	3-Flat Reduced 3/8"	48-89-2526
12 mm	х	х	3-Flat Reduced 3/8"	48-89-2527
12.5 mm	х	х	3-Flat Reduced 3/8"	48-89-2528
13 mm	х	х	3-Flat Reduced 3/8"	48-89-2529

RED HELIX™ COBALT DRILL BIT SETS

RED HELIX™ COBALT DRILL BIT SETS

Description		Includes		Part No.
	15 PC RED HELIX™ Cobalt Drill Bit Set	(2) 1/16" Cobalt RED HELIX" Drill Bits (1) 5/64" Cobalt RED HELIX" Drill Bit (1) 3/32" Cobalt RED HELIX" Drill Bit (1) 7/64" Cobalt RED HELIX" Drill Bit (2) 1/8" Cobalt RED HELIX" Drill Bits (1) 9/64" Cobalt RED HELIX" Drill Bits	(1) 5/32" Cobalt RED HELIX™ Drill Bit (1) 3/16" Cobalt RED HELIX™ Drill Bit (1) 7/32" Cobalt RED HELIX™ Drill Bit (2) 1/4" Cobalt RED HELIX™ Drill Bits (1) 5/16" Cobalt RED HELIX™ Drill Bit (1) 3/8" Cobalt RED HELIX™ Drill Bit	48-89-2331
BANKS SATTED	23 PC RED HELIX™ Cobalt Drill Bit Set	(2) 1/16" Cobalt RED HELIX™ Drill Bits (2) 5/64" Cobalt RED HELIX™ Drill Bits (1) 3/32" Cobalt RED HELIX™ Drill Bit (2) 7/64" Cobalt RED HELIX™ Drill Bits (2) 1/8" Cobalt RED HELIX™ Drill Bits (2) 9/64" Cobalt RED HELIX™ Drill Bits (2) 5/32" Cobalt RED HELIX™ Drill Bits (1) 11/64" Cobalt RED HELIX™ Drill Bits	(2) 3/16" Cobalt RED HELIX™ Drill Bits (1) 13/64" Cobalt RED HELIX™ Drill Bit (1) 7/32" Cobalt RED HELIX™ Drill Bit (1) 15/64" Cobalt RED HELIX™ Drill Bit (2) 1/4" Cobalt RED HELIX™ Drill Bits (1) 5/16" Cobalt RED HELIX™ Drill Bit (1) 5/16" Cobalt RED HELIX™ Drill Bit	48-89-2338



Descr	ription		Includes	Part No.
	29 PC RED HELIX™ Cobalt Drill Bit Set	(1) 1/16" Cobalt RED HELIX™ Drill Bit (1) 5/64" Cobalt RED HELIX™ Drill Bit (1) 3/32" Cobalt RED HELIX™ Drill Bit (1) 3/32" Cobalt RED HELIX™ Drill Bit (1) 1/64" Cobalt RED HELIX™ Drill Bit (1) 9/64" Cobalt RED HELIX™ Drill Bit (1) 5/32" Cobalt RED HELIX™ Drill Bit (1) 11/64" Cobalt RED HELIX™ Drill Bit (1) 11/64" Cobalt RED HELIX™ Drill Bit (1) 13/64" Cobalt RED HELIX™ Drill Bit (1) 13/64" Cobalt RED HELIX™ Drill Bit (1) 15/64" Cobalt RED HELIX™ Drill Bit (1) 15/64" Cobalt RED HELIX™ Drill Bit (1) 1/4" Cobalt RED HELIX™ Drill Bit (1) 1/4" Cobalt RED HELIX™ Drill Bit (1) 17/64" Cobalt RED HELIX™ Drill Bit (1) 9/32" Cobalt RED HELIX™ Drill Bit	(1) 19/64" Cobalt RED HELIX™ Drill Bit (1) 5/16" Cobalt RED HELIX™ Drill Bit (1) 21/64" Cobalt RED HELIX™ Drill Bit (1) 11/32" Cobalt RED HELIX™ Drill Bit (1) 13/64" Cobalt RED HELIX™ Drill Bit (1) 3/6" Cobalt RED HELIX™ Drill Bit (1) 25/64" Cobalt RED HELIX™ Drill Bit (1) 13/32" Cobalt RED HELIX™ Drill Bit (1) 27/64" Cobalt RED HELIX™ Drill Bit (1) 27/64" Cobalt RED HELIX™ Drill Bit (1) 7/16" Cobalt RED HELIX™ Drill Bit (1) 29/64" Cobalt RED HELIX™ Drill Bit (1) 29/64" Cobalt RED HELIX™ Drill Bit (1) 15/32" Cobalt RED HELIX™ Drill Bit (1) 11/2" Cobalt RED HELIX™ Drill Bit (1) 11/2" Cobalt RED HELIX™ Drill Bit	48-89-2332

RED HELIX™ COBALT DRILL BIT SETS - METRIC

RED HELIX™ COBALT DRILL BIT SETS – METRIC

Description		Includes		Part No.
	19 PC Metric RED HELIX [™] Cobalt Drill Bit Set	(1) 1 mm Cobalt RED HELIX™ Drill Bit (1) 1.5 mm Cobalt RED HELIX™ Drill Bit (1) 2 mm Cobalt RED HELIX™ Drill Bit (1) 2.5 mm Cobalt RED HELIX™ Drill Bit (1) 3.5 mm Cobalt RED HELIX™ Drill Bit (1) 3.5 mm Cobalt RED HELIX™ Drill Bit (1) 4 mm Cobalt RED HELIX™ Drill Bit (1) 4.5 mm Cobalt RED HELIX™ Drill Bit (1) 5 mm Cobalt RED HELIX™ Drill Bit (1) 5 mm Cobalt RED HELIX™ Drill Bit (1) 5.5 mm Cobalt RED HELIX™ Drill Bit	(1) 6 mm Cobalt RED HELIX™ Drill Bit (1) 6.5 mm Cobalt RED HELIX™ Drill Bit (1) 7 mm Cobalt RED HELIX™ Drill Bit (1) 7.5 mm Cobalt RED HELIX™ Drill Bit (1) 8 mm Cobalt RED HELIX™ Drill Bit (1) 8.5 mm Cobalt RED HELIX™ Drill Bit (1) 9 mm Cobalt RED HELIX™ Drill Bit (1) 9 mm Cobalt RED HELIX™ Drill Bit (1) 9.5 mm Cobalt RED HELIX™ Drill Bit (1) 10 mm Cobalt RED HELIX™ Drill Bit	48-89-2530
	25 PC Metric RED HELIX™ Cobalt Drill Bit Set	(1) 1 mm Cobalt RED HELIX™ Drill Bit (1) 1.5 mm Cobalt RED HELIX™ Drill Bit (1) 2 mm Cobalt RED HELIX™ Drill Bit (1) 2.5 mm Cobalt RED HELIX™ Drill Bit (1) 3.5 mm Cobalt RED HELIX™ Drill Bit (1) 3.5 mm Cobalt RED HELIX™ Drill Bit (1) 4 mm Cobalt RED HELIX™ Drill Bit (1) 4.5 mm Cobalt RED HELIX™ Drill Bit (1) 5 mm Cobalt RED HELIX™ Drill Bit (1) 5.5 mm Cobalt RED HELIX™ Drill Bit (1) 6.5 mm Cobalt RED HELIX™ Drill Bit (1) 7 mm Cobalt RED HELIX™ Drill Bit	(1) 7.5 mm Cobalt RED HELIX™ Drill Bit (1) 8 mm Cobalt RED HELIX™ Drill Bit (1) 8.5 mm Cobalt RED HELIX™ Drill Bit (1) 9 mm Cobalt RED HELIX™ Drill Bit (1) 9.5 mm Cobalt RED HELIX™ Drill Bit (1) 10.5 mm Cobalt RED HELIX™ Drill Bit (1) 10.5 mm Cobalt RED HELIX™ Drill Bit (1) 11.5 mm Cobalt RED HELIX™ Drill Bit (1) 11.5 mm Cobalt RED HELIX™ Drill Bit (1) 12.5 mm Cobalt RED HELIX™ Drill Bit (1) 12.5 mm Cobalt RED HELIX™ Drill Bit (1) 12.5 mm Cobalt RED HELIX™ Drill Bit (1) 13 mm Cobalt RED HELIX™ Drill Bit	48-89-2531



THUNDERBOLT® TITANIUM-COATED DRILL BITS

OVERVIEW

MILWAUKEE® THUNDERBOLT® Titanium-Coated Drill Bits are designed for extreme durability and up to 3X longer life. The THUNDERBOLT® web features a thicker core than a standard drill bit to provide ultimate strength and protect against sideload breakage. The titanium coating reduces heat buildup and keeps the bit sharp to extend performance. A specially-designed parabolic flute form clears chips and debris fast to keep the bit cool. The 135° split point tip delivers a precision start and prevents walking for fast, accurate holes. Effective for drilling on curved surfaces, THUNDERBOLT® Titanium-Coated Bits require less effort to drill through wood, metal and PVC, and are highly recommended for use with portable drills.



FEATURES

- 3X Longer Life
- Thicker Web: Provides greater strength
- Fast, Accurate Drilling: 135° split point tip starts on contact to prevent walking, while the parabolic flute clears chips fast

THUNDERBOLT® TITANIUM-COATED DRILL BITS

Diameter	Shank	Part No.
1/16"	Round	48-89-2201
5/64"	Round	48-89-2202
3/32"	Round	48-89-2203
7/64"	Round	48-89-2204
1/8"	Round	48-89-2205
9/64"	Round	48-89-2206
5/32"	Round	48-89-2207
11/64"	Round	48-89-2208
3/16"	3-Flat	48-89-2209
13/64"	3-Flat	48-89-2210
7/32"	3-Flat	48-89-2211
15/64"	3-Flat	48-89-2212
1/4"	3-Flat	48-89-2213
17/64"	3-Flat	48-89-2214
9/32"	3-Flat	48-89-2215

Diameter	Shank	Part No.
19/64"	3-Flat	48-89-2216
5/16"	3-Flat	48-89-2217
21/64"	3-Flat	48-89-2218
11/32"	3-Flat	48-89-2219
23/64"	3-Flat	48-89-2220
3/8"	3-Flat	48-89-2221
25/64"	3-Flat Reduced 3/8"	48-89-2222
13/32"	3-Flat Reduced 3/8"	48-89-2223
27/64"	3-Flat Reduced 3/8"	48-89-2224
7/16"	3-Flat Reduced 3/8"	48-89-2225
29/64"	3-Flat Reduced 3/8"	48-89-2226
15/32"	3-Flat Reduced 3/8"	48-89-2227
31/64"	3-Flat Reduced 3/8"	48-89-2228
1/2"	3-Flat Reduced 3/8"	48-89-2229

THUNDERBOLT® TITANIUM-COATED DRILL BIT SETS

THUNDERBOLT® TITANIUI	M-COATED DRILL BIT SETS			
Description		Includes	Part No.	
MATTAL.	14 PC THUNDERBOLT® Titanium-Coated Drill Bit Set	(1) 1/16" THUNDERBOLT® Titanium-Coated Drill Bit (1) 5/64" THUNDERBOLT® Titanium-Coated Drill Bit (1) 3/32" THUNDERBOLT® Titanium-Coated Drill Bit (1) 3/64" THUNDERBOLT® Titanium-Coated Drill Bit (2) 1/8" THUNDERBOLT® Titanium-Coated Drill Bits (1) 9/64" THUNDERBOLT® Titanium-Coated Drill Bit (1) 5/32" THUNDERBOLT® Titanium-Coated Drill Bit (1) 3/16" THUNDERBOLT® Titanium-Coated Drill Bit (1) 3/16" THUNDERBOLT® Titanium-Coated Drill Bit (1) 1/4" THUNDERBOLT® Titanium-Coated Drill Bit (1) 5/16" THUNDERBOLT® Titanium-Coated Drill Bit (1) 3/8" THUNDERBOLT® Titanium-Coated Drill Bit (1) 3/8" THUNDERBOLT® Titanium-Coated Drill Bit (1) 1/2" THUNDERBOLT® Titanium-Coated Drill Bit	48-89-0011	
MEYAL	20 PC THUNDERBOLT® Titanium-Coated Drill Bit Set	(2) 1/16" THUNDERBOLT® Titanium-Coated Drill Bits (2) 5/64" THUNDERBOLT® Titanium-Coated Drill Bits (2) 3/32" THUNDERBOLT® Titanium-Coated Drill Bits (2) 7/64" THUNDERBOLT® Titanium-Coated Drill Bits (2) 1/8" THUNDERBOLT® Titanium-Coated Drill Bits (1) 9/64" THUNDERBOLT® Titanium-Coated Drill Bit (1) 5/32" THUNDERBOLT® Titanium-Coated Drill Bit (1) 11/64" THUNDERBOLT® Titanium-Coated Drill Bit (1) 3/16" THUNDERBOLT® Titanium-Coated Drill Bit (1) 3/36" THUNDERBOLT® Titanium-Coated Drill Bit (1) 1/32" THUNDERBOLT® Titanium-Coated Drill Bit (1) 1/4" THUNDERBOLT® Titanium-Coated Drill Bit (1) 1/4" THUNDERBOLT® Titanium-Coated Drill Bit (1) 5/16" THUNDERBOLT® Titanium-Coated Drill Bit (1) 3/8" THUNDERBOLT® Titanium-Coated Drill Bit (1) 1/2" THUNDERBOLT® Titanium-Coated Drill Bit (1) 1/2" THUNDERBOLT® Titanium-Coated Drill Bit	48-89-1105	
MARTIAL	29 PC THUNDERBOLT® Titanium-Coated Drill Bit Set	(1) 1/16" THUNDERBOLT® Titanium-Coated Drill Bit (1) 5/64" THUNDERBOLT® Titanium-Coated Drill Bit (1) 3/32" THUNDERBOLT® Titanium-Coated Drill Bit (1) 7/64" THUNDERBOLT® Titanium-Coated Drill Bit (1) 1/64" THUNDERBOLT® Titanium-Coated Drill Bit (1) 9/64" THUNDERBOLT® Titanium-Coated Drill Bit (1) 5/32" THUNDERBOLT® Titanium-Coated Drill Bit (1) 5/32" THUNDERBOLT® Titanium-Coated Drill Bit (1) 11/64" THUNDERBOLT® Titanium-Coated Drill Bit (1) 3/16" THUNDERBOLT® Titanium-Coated Drill Bit (1) 13/64" THUNDERBOLT® Titanium-Coated Drill Bit (1) 13/64" THUNDERBOLT® Titanium-Coated Drill Bit (1) 14" THUNDERBOLT® Titanium-Coated Drill Bit (1) 14" THUNDERBOLT® Titanium-Coated Drill Bit (1) 19/32" THUNDERBOLT® Titanium-Coated Drill Bit (1) 19/64" THUNDERBOLT® Titanium-Coated Drill Bit (1) 19/64" THUNDERBOLT® Titanium-Coated Drill Bit (1) 21/64" THUNDERBOLT® Titanium-Coated Drill Bit (1) 21/64" THUNDERBOLT® Titanium-Coated Drill Bit (1) 21/64" THUNDERBOLT® Titanium-Coated Drill Bit (1) 11/32" THUNDERBOLT® Titanium-Coated Drill Bit (1) 13/32" THUNDERBOLT® Titanium-Coated Drill Bit (1) 29/64" THUNDERBOLT® Titanium-Coated Drill Bit (1) 29/64" THUNDERBOLT® Titanium-Coated Drill Bit (1) 15/32" THUNDERBOLT® Titanium-Coated Drill Bit (1) 29/64" THUNDERBOLT® Titanium-Coated Drill Bit (1) 29/64" THUNDERBOLT® Titanium-Coated Drill Bit (1) 15/32" THUNDERBOLT® Titanium-Coated Drill Bit (1) 29/64" THUNDERBOLT® Titanium-Coated Drill Bit (1) 15/32" THUNDERBOLT® Titanium-Coated Drill Bit (1) 15/64" THUNDERBOLT® Titanium-Coated Drill Bit (1) 29/64" THUNDERBOLT® Titanium-Coated Drill Bit (1) 15/32" THUNDERBOLT® Titanium-Coated Drill Bit (1) 15/64" THUNDERBOLT® Titanium-Coated Drill Bit	48-89-0012	





THUNDERBOLT® BLACK OXIDE DRILL BITS

OVERVIEW

MILWAUKEE® THUNDERBOLT® Black Oxide Jobber-Length Drill Bits are designed for extreme durability and long life. The THUNDERBOLT® web features a thicker core than a standard drill bit to provide ultimate strength and protect against side-load breakage. A specially-designed parabolic flute form clears chips and debris fast to keep the bit cool. The 135° split point tip delivers a precision start and prevents walking for fast, accurate holes. Effective for drilling on curved surfaces, THUNDERBOLT® Black Oxide Bits require less effort to drill through metal, wood and PVC, and are highly recommended for use with portable drills.

FEATURES

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- Thicker Web: Provides greater strength and longer life
- Fast, Accurate Drilling: 135° split point tip starts on contact to prevent walking, while the parabolic flute clears chips fast
- Corrosion Resistant: Black oxide coating provides lubricity and resists corrosion of the bit

THUNDERBOLT® BLACK OXIDE DRILL BITS

Diameter	Shank	1 Pack	12 Pack	6 Pack
1/16"	Round	48-89-2710	48-89-2820	-
5/64"	Round	48-89-2711	48-89-2821	-
3/32"	Round	48-89-2712	48-89-2822	-
7/64"	Round	48-89-2713	48-89-2823	-
1/8"	Round	48-89-2714	48-89-2824	-
9/64"	Round	48-89-2715	48-89-2825	-
5/32"	Round	48-89-2716	48-89-2826	-
11/64"	Round	48-89-2717	48-89-2827	-
3/16"	Round	48-89-2718	48-89-2828	-
13/64"	3-Flat	48-89-2719	48-89-2829	-
7/32"	3-Flat	48-89-2720	48-89-2830	-
15/64"	3-Flat	48-89-2721	48-89-2831	-
1/4"	3-Flat	48-89-2722	48-89-2832	-
7/64"	3-Flat	48-89-2723	-	48-89-2833
9/32"	3-Flat	48-89-2724	-	48-89-2834
9/64"	3-Flat	48-89-2725	-	48-89-2835
5/16"	3-Flat	48-89-2726	-	48-89-2836
21/64"	3-Flat	48-89-2727	-	48-89-2837
11/32"	3-Flat	48-89-2728	-	48-89-2838





IIIONDENDOLI	I BLACK UNIDE DRILL DITS			
Diameter	Shank	1 Pack	12 Pack	6 Pack
23/64"	3-Flat	48-89-2729	-	48-89-2839
3/8"	3-Flat	48-89-2730	-	48-89-2840
25/64"	3/8" Reduced 3-Flat	48-89-2731	-	48-89-2841
27/64"	3/8" Reduced 3-Flat	48-89-2733	-	48-89-2843
7/16"	3/8" Reduced 3-Flat	48-89-2734	-	48-89-2844
29/64"	3/8" Reduced 3-Flat	48-89-2735	-	48-89-2845
15/32"	3/8" Reduced 3-Flat	48-89-2736	-	48-89-2846
13/32"	3/8" Reduced 3-Flat	48-89-2732	-	48-89-2842
31/64"	3/8" Reduced 3-Flat	48-89-2737	-	48-89-2847
1/2"	3/8" Reduced 3-Flat	48-89-2738	-	48-89-2848

THUNDERBOLT® BLACK OXIDE DRILL BIT SETS

THUNDERBOLT® BLACK OXIDE DRILL BIT SETS

	Description	Includes	Part No.
	15 PC THUNDERBOLT® Black Oxide Drill Bit Set	(1) 1/16" THUNDERBOLT® Black Oxide Drill Bit (1) 11/64" THUNDERBOLT® Black Oxide Drill Bit (1) 13/64" THUNDERBOLT® Black Oxide Drill Bit (1) 14" THUNDERBOLT® Black Oxide Drill Bit (1) 1/4" THUNDERBOLT® Black Oxide Drill Bit (1) 3/16" THUNDERBOLT® Black Oxide Drill Bit (1) 3/32" THUNDERBOLT® Black Oxide Drill Bit (1) 3/8" THUNDERBOLT® Black Oxide Drill Bit (1) 5/16" THUNDERBOLT® Black Oxide Drill Bit (1) 5/16" THUNDERBOLT® Black Oxide Drill Bit (1) 5/64" THUNDERBOLT® Black Oxide Drill Bit (1) 5/64" THUNDERBOLT® Black Oxide Drill Bit (1) 7/64" THUNDERBOLT® Black Oxide Drill Bit (1) 7/64" THUNDERBOLT® Black Oxide Drill Bit (1) 9/64" THUNDERBOLT® Black Oxide Drill Bit (1) 9/64" THUNDERBOLT® Black Oxide Drill Bit (1) 9/64" THUNDERBOLT® Black Oxide Drill Bit	48-89-2803
	21 PC THUNDERBOLT® Black Oxide Drill Bit Set	(2) 1/16" THUNDERBOLT® Black Oxide Drill Bits (1) 11/64" THUNDERBOLT® Black Oxide Drill Bit (1) 1/2" THUNDERBOLT® Black Oxide Drill Bit (1) 13/64" THUNDERBOLT® Black Oxide Drill Bit (2) 1/4" THUNDERBOLT® Black Oxide Drill Bits (1) 15/64" THUNDERBOLT® Black Oxide Drill Bits (2) 3/16" THUNDERBOLT® Black Oxide Drill Bits (2) 3/16" THUNDERBOLT® Black Oxide Drill Bits (1) 3/32" THUNDERBOLT® Black Oxide Drill Bit (1) 3/8" THUNDERBOLT® Black Oxide Drill Bit (1) 5/16" THUNDERBOLT® Black Oxide Drill Bit (1) 5/32" THUNDERBOLT® Black Oxide Drill Bit (2) 5/64" THUNDERBOLT® Black Oxide Drill Bits (1) 7/32" THUNDERBOLT® Black Oxide Drill Bits (1) 7/64" THUNDERBOLT® Black Oxide Drill Bits (1) 7/64" THUNDERBOLT® Black Oxide Drill Bit (1) 7/64" THUNDERBOLT® Black Oxide Drill Bit (1) 9/64" THUNDERBOLT® Black Oxide Drill Bit	48-89-2801

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THIINDERROLT® RI ACK OYIDE DRILL RIT SETS

THUNDERBOLT® BLACK OXIDE DRILL BIT SETS					
Desc	cription	Includes	Part No.		
OENERAL PLANTOSE	29 PC THUNDERBOLT® Black Oxide Drill Bit Set	(1) 11/32" THUNDERBOLT® Black Oxide Drill Bit (1) 1/16" THUNDERBOLT® Black Oxide Drill Bit (1) 11/64" THUNDERBOLT® Black Oxide Drill Bit (1) 11/2" THUNDERBOLT® Black Oxide Drill Bit (1) 13/32" THUNDERBOLT® Black Oxide Drill Bit (1) 13/64" THUNDERBOLT® Black Oxide Drill Bit (1) 13/64" THUNDERBOLT® Black Oxide Drill Bit (1) 15/32" THUNDERBOLT® Black Oxide Drill Bit (1) 15/32" THUNDERBOLT® Black Oxide Drill Bit (1) 15/64" THUNDERBOLT® Black Oxide Drill Bit (1) 17/64" THUNDERBOLT® Black Oxide Drill Bit (1) 19/64" THUNDERBOLT® Black Oxide Drill Bit (1) 19/64" THUNDERBOLT® Black Oxide Drill Bit (1) 21/64" THUNDERBOLT® Black Oxide Drill Bit (1) 23/64" THUNDERBOLT® Black Oxide Drill Bit (1) 25/64" THUNDERBOLT® Black Oxide Drill Bit (1) 27/64" THUNDERBOLT® Black Oxide Drill Bit (1) 37/6" THUNDERBOLT® Black Oxide Drill Bit (1) 3/16" THUNDERBOLT® Black Oxide Drill Bit (1) 3/32" THUNDERBOLT® Black Oxide Drill Bit (1) 3/32" THUNDERBOLT® Black Oxide Drill Bit (1) 5/16" THUNDERBOLT® Black Oxide Drill Bit (1) 7/16" THUNDERBOLT® Black Oxide Drill Bit (1) 7/18" THUNDERBOLT® Black Oxide Drill Bit (1) 7/19" THUNDERBOLT® Black Oxide Drill Bit	48-89-2802		

S & D TITANIUM DRILL BITS

OVERVIEW

MILWAUKEE® Titanium Silver and Deming Drill Bits are engineered for all jobsite drilling applications. Designed with a 1/2" SECURE GRIP™ shank to prevent chuck slippage and 135° split point tip for no walking, which delivers increased accuracy.

FEATURES

- 135° Split Point Tip: Precision start, no walking
- Titanium Coating: Increased durability
- SECURE GRIP™: Prevents bit from slipping in chuck

S & D TITANIUM DRILL BITS

Diameter	Shank	Part No.
3/4"	3-Flat (1/2")	48-89-4640
5/8"	3-Flat (1/2")	48-89-4636
9/16"	3-Flat (1/2")	48-89-4634





S & D BLACK OXIDE DRILL BITS

OVERVIEW

MILWAUKEE® Silver and Deming Black Oxide Drill Bits are designed for extreme durability and long life. A specially-designed parabolic flute form clears chips fast, while the 3-Flat SECURE GRIP™ shank holds the bit firmly in the drill chuck. The 135° split point tip delivers a precision start and prevents walking for fast, accurate holes. Effective for drilling on curved surfaces, MILWAUKEE® Black Oxide Bits require less effort to drill through metal, wood and PVC, and

are highly recommended for use with portable drills.

FEATURES

- Fast, Accurate Drilling: 135° split point tip starts on contact to prevent walking, while the parabolic flute clears chips fast
- Reduced Slipping: 3-Flat SECURE GRIP™ shank holds the bit firmly in the drill chuck
- Corrosion Resistant: Black oxide coating provides lubricity and resists corrosion of the bit



S & D BLACK OXIDE DRILL BITS

Diameter	Shank	Part No.
17/32"	3-Flat (1/2")	48-89-2739
9/16"	3-Flat (1/2")	48-89-2740
19/32"	3-Flat (1/2")	48-89-2741
5/8"	3-Flat (1/2")	48-89-2742
21/32"	3-Flat (1/2")	48-89-2743
11/16"	3-Flat (1/2")	48-89-2744
23/32"	3-Flat (1/2")	48-89-2745
3/4"	3-Flat (1/2")	48-89-2746
25/32"	3-Flat (1/2")	48-89-2747
13/16"	3-Flat (1/2")	48-89-2748

Diameter	Shank	Part No.
27/32"	3-Flat (1/2")	48-89-2749
7/8"	3-Flat (1/2")	48-89-2750
15/16"	3-Flat (1/2")	48-89-2752
31/32"	3-Flat (1/2")	48-89-2753
29/32"	3-Flat (1/2")	48-89-2751
1"	3-Flat (1/2")	48-89-2754
1-1/16"	3-Flat (1/2")	48-89-2755
1-1/8"	3-Flat (1/2")	48-89-2756
1-3/16"	3-Flat (1/2")	48-89-2757
1-1/4"	3-Flat (1/2")	48-89-2758

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AIRCRAFT LENGTH BLACK OXIDE DRILL BITS

SHOCKWAVE IMPACT DUTY™ DRILL TAP SETS

Description	Includes	Part No.	
5 PC SHOCKWAVE Impact Duty™ SAE Drill Tap Set	(1) 8 – 32 UNC (1) 10 – 24 UNC (1) 10 – 32 UNF (1) 12 – 24 UNC (1) 1/4 – 20 UNC	48-89-4874	
5 PC SHOCKWAVE Impact Duty™ Metric Drill Tap Set	(1) M4 (1) M5 (1) M6 (1) M8 (1) M10	48-89-4875	

OVERVIEW

MILWAUKEE® Aircraft Length Black Oxide Drill Bits are ideal for extra reach and deep drilling applications in metal, wood and PVC. The 135° split point tip delivers a precision start and prevents walking for fast, accurate holes.

FEATURES

- Fast, Accurate Drilling: 135° split point tip starts on contact to prevent walking
- Reduced Slipping: 3-Flat SECURE GRIP™ shank holds the bit firmly in the drill chuck
- 12 inch Length for hard to reach areas

AIRCRAFT LENGTH BLACK OXIDE DRILL BITS

Diameter	Shank	Part No.
1/8"	3-Flat	48-89-2770
3/16"	3-Flat	48-89-2771
1/4"	3-Flat	48-89-2772
5/16"	3-Flat	48-89-2773

Diameter	Shank	Part No.
3/8"	3-Flat	48-89-2774
7/16"	3-Flat	48-89-2775
1/2"	3-Flat	48-89-2776

SHOCKWAVE IMPACT DUTY™ DRILL TAPS

OVERVIEW

MILWAUKEE® SHOCKWAVE Impact Duty™ Drill Taps combine drilling and tapping applications in metal materials up to 1/4". Designed for use in Impacts or Drill/Drivers, each bit features laser-etched sizing for easy identification.

FEATURES

- Features a countersink
- Laser-etched Size: Easy size identification
- 1/4" Quick Change Hex Shank













SHOCKWAVE IMPACT DUTY" LINEMAN'S FIBERGLASS DRILL BITS

OVERVIEW

The SHOCKWAVE Impact Duty™ Lineman's Fiberglass Drill Bits are engineered for fiberglass and composite power utility arms and poles. Our carbide tip design allows linemen to make faster cuts while maintaining best life. They are available in 12" and 22" lengths. These length assortments can pass through power utility poles and arms in a single pass, which eliminates the need to flip over the pole, line up the holes and drill through the other side. The 7/16" hex shank allows for quick connection. Pair this accessory with our 2865-20 for ultimate performance in Fiberglass/Composite poles and arms.

FEATURES

- Engineered for Fiberglass and Composite power utility arms and poles
- Best Life in fiberglass and composite with our Carbide Tip design
- Optimized Bit Length: Straight through holes



SHOCKWAVE IMPACT DUTY™ LINEMAN'S FIBERGLASS DRILL BITS

Description	Part No.
9/16" SHOCKWAVE Impact Duty™ Lineman's 12" Fiberglass Drill Bit	48-13-7703
11/16" SHOCKWAVE Impact Duty™ Lineman's 12" Fiberglass Drill Bit	48-13-7705
13/16" SHOCKWAVE Impact Duty™ Lineman's 12" Fiberglass Drill Bit	48-13-7707
15/16" SHOCKWAVE Impact Duty™ Lineman's 12" Fiberglass Drill Bit	48-13-7709
11/16" SHOCKWAVE Impact Duty™ Lineman's 22" Fiberglass Drill Bit	48-13-7805
13/16" SHOCKWAVE Impact Duty™ Lineman's 22" Fiberglass Drill Bit	48-13-7807
15/16" SHOCKWAVE Impact Duty™ Lineman's 22" Fiberglass Drill Bit	48-13-7809

SHOCKWAVE IMPACT DUTY™ DRILL TAPS

Description	Part No.
8-32 UNC Impact Drill Tap	48-89-4870
5/16-18 UNC Impact Drill Tap	48-89-4871
10-24 UNC Impact Drill Tap	48-89-4872
1/4-20 UNC Impact Drill Tap	48-89-4873



ANNULAR CUTTERS

HIGH SPEED STEEL ANNULAR CUTTERS

OVERVIEW

Dual alternating tooth geometry and thin-wall construction help MILWAUKEE's High Speed Steel Annular Cutter cut up to 15% faster than the competition. With 20% thinner walls, the cutter displaces less material for the same size hole, giving you fast, burr-free holes in anything from sheet metal to thick steel plate. MILWAUKEE's proprietary high speed steel with three hardness zones minimizes breakage and helps the bit last longer. It comes with a 3/4" Weldon shank, which is ideal for use with most small magnetic drill presses and large magnetic drill presses with the correct arbor.



FEATURES

- 15% Faster Cutting: Thinner wall construction displaces less material
- Long Lasting: Proprietary steel with three hardness zones reduces breakage and extends bit life
- Versatile Design: One retractable pilot pin works for all 1" sizes and another works for all 2" sizes

HIGH SPEED STEEL ANNULAR CUTTERS

Diameter	Cutting Depth	Shank	Material	Part No.
1/2"	1"	3/4" Weldon	1	49-59-0500
9/16"	1"	3/4" Weldon	1	49-59-0562
5/8"	1"	3/4" Weldon	1	49-59-0625
11/16"	1"	3/4" Weldon	1	49-59-0687
3/4"	1"	3/4" Weldon	1	49-59-0750
13/16"	1"	3/4" Weldon	1	49-59-0812
7/8"	1"	3/4" Weldon	1	49-59-0875
15/16"	1"	3/4" Weldon	1	49-59-0937
1"	1"	3/4" Weldon	1	49-59-1000
1-1/16"	1"	3/4" Weldon	1	49-59-1062
1-1/8"	1"	3/4" Weldon	1	49-59-1125
1-3/16"	1"	3/4" Weldon	1	49-59-1187
1-1/4"	1"	3/4" Weldon	1	49-59-1250
1-5/16"	1"	3/4" Weldon	1	49-59-1312
1-3/8"	1"	3/4" Weldon	1	49-59-1375
1-7/16"	1"	3/4" Weldon	1	49-59-1437
1-1/2"	1"	3/4" Weldon	1	49-59-1500
1-9/16"	1"	3/4" Weldon	I	49-59-1562

Diameter	Cutting Depth	Shank	Material	Part No.
1-5/8"	1"	3/4" Weldon	I	49-59-1625
1-11/16"	1"	3/4" Weldon	I	49-59-1687
1-3/4"	1"	3/4" Weldon	I	49-59-1750
1-13/16"	1"	3/4" Weldon	I	49-59-1812
1-7/8"	1"	3/4" Weldon	I	49-59-1875
1-15/16"	1"	3/4" Weldon	I	49-59-1937
2"	1"	3/4" Weldon	I	49-59-2000
2-1/16"	1"	3/4" Weldon	I	49-59-2006
2-1/8"	1"	3/4" Weldon	I	49-59-2012
2-3/16"	1"	3/4" Weldon	I	49-59-2018
2-1/4"	1"	3/4" Weldon	I	49-59-2025
1/2"	2"	3/4" Weldon	I	49-59-2050
9/16"	2"	3/4" Weldon	I	49-59-2056
5/8"	2"	3/4" Weldon	I	49-59-2063
11/16"	2"	3/4" Weldon	I	49-59-2069
3/4"	2"	3/4" Weldon	I	49-59-2075
13/16"	2"	3/4" Weldon	I	49-59-2081
7/8"	2"	3/4" Weldon	I	49-59-2089

HIGH SPEED STEEL ANNULAR CUTTERS

	HIGH SPEED STEEL ANNULAN GUTTENS					
Diameter	Cutting Depth	Shank	Material	Part No.		
15/16"	2"	3/4" Weldon	I	49-59-2094		
1"	2"	3/4" Weldon	1	49-59-2100		
1-1/16"	2"	3/4" Weldon	1	49-59-2106		
1-1/8"	2"	3/4" Weldon	1	49-59-2113		
1-3/16"	2"	3/4" Weldon	1	49-59-2119		
1-1/4"	2"	3/4" Weldon	1	49-59-2125		
1-5/16"	2"	3/4" Weldon	1	49-59-2131		
1-3/8"	2"	3/4" Weldon	1	49-59-2138		
1-7/16"	2"	3/4" Weldon	1	49-59-2144		
1-1/2"	2"	3/4" Weldon	1	49-59-2150		
1-9/16"	2"	3/4" Weldon	1	49-59-2156		

Diameter	Cutting Depth	Shank	Material	Part No.
1-5/8"	2"	3/4" Weldon	1	49-59-2163
1-11/16"	2"	3/4" Weldon	1	49-59-2169
1-3/4"	2"	3/4" Weldon	1	49-59-2175
1-13/16"	2"	3/4" Weldon	1	49-59-2181
1-7/8"	2"	3/4" Weldon	1	49-59-2188
1-15/16"	2"	3/4" Weldon	1	49-59-2194
2"	2"	3/4" Weldon	1	49-59-2200
2-1/16"	2"	3/4" Weldon	I	49-59-2206
2-1/8"	2"	3/4" Weldon	I	49-59-2212
2-3/16"	2"	3/4" Weldon	I	49-59-2218
2-1/4"	2"	3/4" Weldon	I	49-59-2225

HIGH SPEED STEEL ANNULAR CUTTER SETS

HIGH SPEED STEEL ANNULAR CUTTER SETS

Description	Cutting Depth	Shank	Includes		Part No.
6 PC 1" High Sp Annular Co		3/4" Weldon	(1) 9/16" Annular Cutter (1) 5/8" Annular Cutter (1) 11/16" Annular Cutter (1) 13/16" Annular Cutter	(1) 15/16" Annular Cutter (1) 1-1/16" Annular Cutter (1) Retractable Pilot Pin	49-22-8400
9 PC 2" High Sp Annular Co		3/4" Weldon	(1) 1/2" Annular Cutter (1) 9/16" Annular Cutter (1) 5/8" Annular Cutter (1) 11/16" Annular Cutter (1) 3/4" Annular Cutter	(1) 13/16" Annular Cutter (1) 7/8" Annular Cutter (1) 15/16" Annular Cutter (1) 1-1/16" Annular Cutter (2) Retractable Pilot Pins	49-22-8410

TUNGSTEN CARBIDE TIPPED ANNULAR CUTTERS

OVERVIEW

Dual alternating tooth geometry allows MILWAUKEE's Tungsten Carbide Tipped Annular Cutters to displace material quicker and give the user fast, burr-free holes in anything from sheet metal to steel plate. Carbide tipping allows for versatile cutting in mild and hardened steel materials and can cut up to 35% longer than the competition. It comes with a 3/4" Weldon shank, which is the industry standard for most small magnetic drill presses and can be used in large magnetic drill presses with the correct arbor.

FEATURES

- 35% Longer Cutting: Carbide tipping allows for longer life in various forms of steel
- Versatility of Material: Carbide teeth allow for users to cut in mild and hardened steel
- Breadth of Line: (5) indexes at a 1-3/8" depth of cut and (23) indexes at a 2" depth of cut



TUNGSTEN CARBIDE TIPPED ANNULAR CUTTERS

Diameter	Cutting Depth	Shank	Material	Part No.	
9/16"	1-3/8"	3/4" Weldon	11-0	49-59-3056	
11/16"	1-3/8"	3/4" Weldon	1-0	49-59-3069	
13/16"	1-3/8"	3/4" Weldon	1-0	49-59-3081	
15/16"	1-3/8"	3/4" Weldon	1-0	49-59-3094	
1-1/16"	1-3/8"	3/4" Weldon	1-0	49-59-3106	
9/16"	2"	3/4" Weldon	1-0	49-59-4056	
5/8"	2"	3/4" Weldon	1 -0	49-59-4063	
11/16"	2"	3/4" Weldon	1 -0	49-59-4069	
3/4"	2"	3/4" Weldon	1-0	49-59-4075	
13/16"	2"	3/4" Weldon		49-59-4081	
7/8"	2"	3/4" Weldon	1-0	49-59-4089	
15/16"	2"	3/4" Weldon	1-0	49-59-4094	
1"	2"	3/4" Weldon	1-0	49-59-4100	
1-1/16"	2"	3/4" Weldon	1-0	49-59-4106	

Diameter	Cutting	Shank	Material	Part No.
Diamotoi	Depth	Ondin	matorial	T di t itoi
1-1/8"	2"	3/4" Weldon	1-0	49-59-4113
1-3/16"	2"	3/4" Weldon	1-0	49-59-4119
1-1/4"	2"	3/4" Weldon	11-0	49-59-4125
1-5/16"	2"	3/4" Weldon	1-0	49-59-4131
1-3/8"	2"	3/4" Weldon	1-0	49-59-4138
1-7/16"	2"	3/4" Weldon	1-0	49-59-4144
1-1/2"	2"	3/4" Weldon	1 -0	49-59-4150
1-9/16"	2"	3/4" Weldon	1 -0	49-59-4156
1-5/8"	2"	3/4" Weldon	1	49-59-4163
1-3/4"	2"	3/4" Weldon	1 -0	49-59-4175
1-7/8"	2"	3/4" Weldon	1-0	49-59-4188
2"	2"	3/4" Weldon	1-0	49-59-4200
2-1/8"	2"	3/4" Weldon	1-0	49-59-4212
2-1/4"	2"	3/4" Weldon		49-59-4225

TUNGSTEN CARBIDE TIPPED ANNULAR CUTTER SETS

TUNGSTEN CARBIDE TIPPED ANNULAR CUTTER SETS

Description		Cutting Depth	Shank	Includes	Part No.
IN THE	4 PC 1-3/8" Tungsten Carbide Tipped Annular Cutter Set	1-3/8"	3/4" Weldon	(1) 9/16" Annular Cutter (1) 11/16" Annular Cutter (1) 13/16" Annular Cutter (1) 15/16" Annular Cutter (1) Retractable Pilot Pin (9/16" – 11/16") (1) Retractable Pilot Pin (13/16" – 1-1/16")	49-22-8430
#HHHH	8 PC 2" Tungsten Carbide Tipped Annular Cutter Set	2"	3/4" Weldon	(1) 9/16" Annular Cutter (1) 5/8" Annular Cutter (1) 11/16" Annular Cutter (1) 3/4" Annular Cutter (1) 13/16" Annular Cutter (1) 7/8" Annular Cutter (1) 15/16" Annular Cutter (1) 1-1/16" Annular Cutter (1) 1-1/16" Annular Cutter (1) Retractable Pilot Pin (9/16" – 11/16") (1) Retractable Pilot Pin (3/4" – 2-1/4")	49-22-8440

ANNULAR CUTTER ACCESSORIES

ANNULAR CUTTER ACCESSORIES

Description	Pack Quantity	Part No.
#3 Morse Taper to 3/4" Chuck	1 Chuck, 1 Arbor	49-22-1550
#3 Morse Taper to Weldon Shank Arbor	1 Pack	49-57-0025
1" High Speed Steel Retractable Pilot Pin	2 Pack	49-59-0011
2" High Speed Steel Retractable Pilot Pin	2 Pack	49-59-0012

ANNULAR CUTTER ACCESSORIES

Description	Pack Quantity	Part No.
1-3/8" Tungsten Carbide Tipped Retractable Pilot Pin (13/16" – 1-1/16")	2 Pack	49-59-0013
2" Tungsten Carbide Tipped Retractable Pilot Pin (3/4" – 2-1/4")	2 Pack	49-59-0014
1-3/8" Tungsten Carbide Tipped Retractable Pilot Pin (9/16" – 11/16")	2 Pack	49-59-0015
2" Tungsten Carbide Tipped Retractable Pilot Pin (9/16" - 11/16")	2 Pack	49-59-0016
3/4" Weldon to 1/2" Chuck Adapter with Chuck Key	1 Pack	49-59-0020
Arbor Wrench Set	1 Pack	49-96-0010
HAWG WASH™ Cooling / Lubrication Concentrate (16 oz Bottle)	12 Pack	49-32-0081
HAWG WASH™ Hand Pump	1	44-46-0090
HAWG WASH™ Hand Pump Oil Hose	1	43-75-0010

CARBIDE HOLE CUTTERS

NEW

ONE-PIECE CARBIDE HOLE CUTTERS

OVERVIEW

MILWAUKEE® One-Piece Carbide Hole Cutters feature carbide teeth for longer life and smooth cuts in stainless steel and other hard metals. Each cutter features a stop shoulder design which prevents over-drilling, limiting cuts to a 3/16" depth, while a 3-Flat Shank optimizes each cutter for use in drill/drivers. To ensure clean, efficient cutting, the spring loaded pilot bit provides complete plug ejection upon completion of each hole. The solid one-piece design of each cutter provides added durability and dependability cut after cut. MILWAUKEE® One-Piece Carbide Hole Cutters are available in sizes ranging from 3/4" – 4-1/2".

FEATURES

- Carbide Teeth: Longer life and smooth cuts in hard metals
- Stop Shoulder: Prevents over-drilling limits cuts to 3/16" depth
- Up to 10X Life vs. Standard Hole Saws

ONE-PIECE CARBIDE HOLE CUTTERS

Diameter	Cutting Depth	Material	Part No.
3/4"	3/16"	MI ->=	49-57-8605
7/8"	3/16"	NI -=	49-57-8609
1"	3/16"	NI -=	49-57-8611
1-1/8"	3/16"	NI -=	49-57-8615
1-7/32"	3/16"		49-57-8617
1-1/4"	3/16"		49-57-8619
1-3/8"	3/16"		49-57-8623
1-1/2"	3/16"		49-57-8627

Diameter	Cutting Depth	Material	Part No.
1-3/4"	3/16"	NI =	49-57-8629
2"	3/16"		49-57-8631
2-1/2"	3/16"		49-57-8639
3"	3/16"		49-57-8643
3-1/2"	3/16"		49-57-8645
4"	3/16"		49-57-8647
4-1/2"	3/16"		49-57-8649



ONE-PIECE CARBIDE HOLE CUTTER KITS

ONE-PIECE CARBIDE HOLE CUTTER KITS

	Description	Includes	Material	Part No.
	4 PC One-Piece Carbide Hole Cutter Kit	(1) 7/8" Carbide Cutter (1) 1-1/8" Carbide Cutter (1) 1-3/8" Carbide Cutter (1) Pilot Bit	41-	49-22-8610
dia.	8 PC One-Piece Carbide Hole Cutter Kit	(1) 7/8" Carbide Cutter (1) 1-1/8" Carbide Cutter (1) 1-3/8" Carbide Cutter (1) 1-3/4" Carbide Cutter (1) 2" Carbide Cutter (1) 2-1/2" Carbide Cutter (2) Pilot Bits	41-2	49-22-8620

ONE-PIECE CARBIDE HOLE CUTTER ACCESSORIES

ONE-PIECE CARBIDE HOLE CUTTER ACCESSORIES

Description	Part No.
One-Piece Carbide Hole Cutter Pilot Bit	49-57-8660

QUICK CHANGE SHEET METAL CARBIDE HOLE CUTTERS

OVERVIEW

Designed for use in handheld drills in materials up to 3/16", Carbide Tipped Sheet Metal Carbide Cutters produce fine holes in stainless steel or structural steel studs, as well as brass, aluminum and other thin sheet metals. Cutting fluid is recommended. For best results and to keep cutting surface cool and lubricated, use MILWAUKEE® HAWG WASH™ fluid, available in 16 ounce bottles (49-32-0081). Compatible with 3/8" Shank Quick Change Adapter 49-57-0035 (Other Arbor options available).



FEATURES

- Clean Holes: Drills burr-free holes
- Long Life: Carbide tips stay sharper longer than high-speed steel or bi-metal cutters
- Versatile: 3/16" Cutting depth





QUICK CHANGE SHEET METAL CARBIDE HOLE CUTTERS

QUICK CHAN	GE OHEET MEIAL	. OARDIDE HOLL OUT IL	inə
Diameter	Cutting Depth	Material	Part No.
3/4"	3/16"	100	49-57-8305
7/8"	3/16"	100	49-57-8309
1"	3/16"	100	49-57-8311
1-1/8"	3/16"	100	49-57-8315
1-7/32"	3/16"	100	49-57-8317
1-1/4"	3/16"	100	49-57-8319
1-5/16"	3/16"	100	49-57-8321
1-3/8"	3/16"	100	49-57-8323
1-1/2"	3/16"	100	49-57-8327

Diameter	Cutting Depth	Material	Part No.
1-7/16"	3/16"	100	49-57-8325
1-3/4"	3/16"	100	49-57-8329
2"	3/16"	100	49-57-8331
2-1/8"	3/16"	10	49-57-8333
2-1/4"	3/16"	10	49-57-8335
2-3/8"	3/16"	10	49-57-8337
2-1/2"	3/16"	10	49-57-8339
2-5/8"	3/16"	10	49-57-8341
3"	3/16"	100	49-57-8343

QUICK CHANGE SHEET METAL CARBIDE HOLE CUTTER KITS

QUICK CHANGE SHEET METAL CARBIDE HOLE CUTTER KITS

	Description	Includes	Material	Part No.
6 2 1	5 PC Electrician's Sheet Metal Carbide Hole Cutter Kit	(1) 7/8" Carbide Cutter (1) 1-1/8" Carbide Cutter (1) 1-3/8" Carbide Cutter (1) Pilot Bit (1) Quick Change Arbor w/ Pilot Bit	100	49-22-8300
	7 PC Electrician's Sheet Metal Carbide Hole Cutter Kit	(1) 7/8" Carbide Cutter (1) 1-1/8" Carbide Cutter (1) 1-3/8" Carbide Cutter (1) 1-3/4" Carbide Cutter (1) 2" Carbide Cutter (1) Pilot Bit (1) Quick Change Arbor w/ Pilot Bit	10=	49-22-8310



QUICK CHANGE STEEL PLATE CARBIDE HOLE CUTTERS

OVERVIEW

Specifically designed to produce drill press quality holes in materials up to 1/2" thick, MILWAUKEE® Carbide tipped Steel Plate Hole Cutters stay sharper longer than High Speed Steel or Bi-Metal Hole Saws. These Hole Cutters can be used in a handheld drill, but a drill press is recommended for materials 3/8" or thicker. Cutting fluid is recommended. For best results and to keep cutting surface cool and lubricated, use MILWAUKEE® HAWG WASH™ fluid, available in 16 ounce bottles (49-32-0081). Compatible with 3/8" Shank Quick Change Adapter 49-57-0035 (Other Arbor options available).





- Clean Holes: Drills burr-free holes
- Long Life: Carbide tips stay sharper longer than high-speed steel or bi-metal cutters
- Versatile: 1/2" Cutting depth



QUICK CHANGE STEEL PLATE CARBIDE HOLE CUTTERS

Diameter	Cutting Depth	Material	Part No.
11/16"	1/2"	100	49-57-8201
3/4"	1/2"	100	49-57-8203
13/16"	1/2"	100	49-57-8205
7/8"	1/2"	100	49-57-8207
15/16"	1/2"	100	49-57-8209
1"	1/2"	100	49-57-8211
1-1/16"	1/2"	100	49-57-8213

Diameter	Cutting Depth	Material	Part No.
Diameter	Cutting Depth	material	rait no.
1-1/8"	1/2"	100	49-57-8215
1-3/16"	1/2"	100	49-57-8217
1-1/4"	1/2"	100	49-57-8219
1-5/16"	1/2"	100	49-57-8221
1-3/8"	1/2"	100	49-57-8223
1-7/16"	1/2"	100	49-57-8225
1-1/2"	1/2"	100	49-57-8227

QUICK CHANGE STEEL PLATE CARBIDE HOLE CUTTER KITS

QUICK CHANGE STEEL PLATE CARBIDE HOLE CUTTER KITS

	Description	Includes	Material	Part No.
300	5 PC Contractor's Steel Plate Carbide Hole Cutter Kit	(1) 11/16" Carbide Cutter (1) 13/16" Carbide Cutter (1) 15/16" Carbide Cutter (1) Pilot Bit (1) Quick Change Arbor w/ Pilot Bit	10=	49-22-8200
353	7 PC Contractor's Steel Plate Carbide Hole Cutter Kit	(1) 11/16" Carbide Cutter (1) 13/16" Carbide Cutter (1) 15/16" Carbide Cutter (1) 1-1/8" Carbide Cutter (1) 1-3/8" Carbide Cutter (1) Pilot Bit (1) Quick Change Arbor w/ Pilot Bit	10=	49-22-8210

QUICK CHANGE CARBIDE HOLE CUTTER ACCESSORIES

QUICK CHANGE CARBIDE HOLE CUTTER ACCESSORIES

Description	Part No.
3/8" Shank Quick Change Adapter for Sheet Metal & Steel Plate Cutters	49-57-0035
Centering Pin Arbor with Detachable Drill Cap	49-57-0037
Compact Electromagnetic Drill to 1/2" Chuck Adapter	48-66-2125
Drill Cap for 49-57-0037 Arbor	42-52-1015

Description	Part No.
Ejection Spring for 49-57-0035	40-50-8780
HAWG WASH™ Hand Pump	44-46-0090
HAWG WASH™ Hand Pump Oil Hose	43-75-0010
Pilot Bit	49-57-0038

WOOD BORING BITS

BELLHANGER BITS

OVERVIEW

Install small wire systems easily and efficiently with the MILWAUKEE® Bellhanger Bit. Designed for installing all types of small wire systems including computer, security, phone and cable, Bellhanger Bits provide extra reach where needed and a hole in the tip to help pull wires through holes. The bits feature an aggressive tip geometry for faster cutting and non-stick, coated flutes for fast chip removal and reduced binding. The 3-Flat SECURE GRIP™ shank prevents the bits from spinning in the drill chuck. Bellhanger Bits are available in 12", 18" and 24" lengths.

FEATURES

- Versatile: Provides a pull-through hole in the tip for easy installation of small wire systems
- High-speed Drilling: Features an aggressive tip geometry and coated flutes for fast cutting and debris removal
- Reduced Slipping: 3-Flat SECURE-GRIP™ shank holds the bit firmly in the drill chuck

BELLHANGER 12" BITS

Description	Part No.
1/4" x 12" Bellhanger Bit	48-13-7125
5/16" x 12" Bellhanger Bit	48-13-7131
3/8" x 12" Bellhanger Bit	48-13-7137

BELLHANGER 18" BITS

Description	Part No.
3/16" x 18" Bellhanger Bit	48-13-7218
1/4" x 18" Bellhanger Bit	48-13-7225
5/16" x 18" Bellhanger Bit	48-13-7231
3/8" x 18" Bellhanger Bit	48-13-7237
7/16" x 18" Bellhanger Bit	48-13-7243
1/2" x 18" Bellhanger Bit	48-13-7249

BELLHANGER 24" BITS

Description	Part No.
1/4" x 24" Bellhanger Bit	48-13-7325
3/8" x 24" Bellhanger Bit	48-13-7337

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BRAD POINT BITS

OVERVIEW

MILWAUKEE® Brad Point Bits deliver the most accurate holes in plywood and studs without splinters. The machined tips maintain a sharp cutting edge for longer life on the job. The bits feature 1/4" depth marks for easy visual reference during drilling.

FEATURES

- Accurate, Clean Holes: Professionals' choice for drilling in hard and soft woods and plywood
- Long-lasting: Precision-ground tip maintains sharp cutting edge
- 1/4" Depth References: Locate common depths without stopping the drill





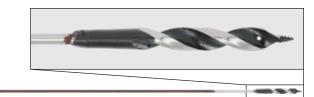


FORSTNER BIT SET

Description	Includes	Part No.	
4 PC Forstner Bit Set	(1) 1/4" Forstner Bit (1) 1/2" Forstner Bit (1) 5/8" Forstner Bit (1) 3/4" Forstner Bit	48-14-0004	

The MILWAUKEE® Cable Bit is ideal for installing small wire systems in unreachable spaces. Cable Bits have an extra long, flexible steel shaft that lets you reach behind the wall with greater precision and ease when installing all types of small wire systems, including computer, security, phone and cable. The bits feature holes in both ends to pull the wire through after drilling. Use the MILWAUKEE® Placement Guide (48-08-0275) to properly locate the hole within the interior of the wall. Cable Bits are

CABLE BITS



BRAD POINT BITS

Description	Part No.
Brad Point 1/8" Diameter	48-15-0125
Brad Point 3/16" Diameter	48-15-0185
Brad Point 1/4" Diameter	48-15-0250
Brad Point 5/16" Diameter	48-15-0312

Description	Part No.
Brad Point 3/8" Diameter	48-15-0375
Brad Point 7/16" Diameter	48-15-0437
Brad Point 1/2" Diameter	48-15-0500

FEATURES

available in 54" and 72" lengths.

- Extended Drilling: Extra long, flexible steel shaft permits drilling between and behind walls
- Versatile: Provides pull-through holes in both ends for easy installation of small wire systems
- Reduced Slipping: 3-Flat shank holds the bit firmly in the drill chuck

FORSTNER BITS

OVERVIEW

MILWAUKEE® Forstner Bits provide superior results in drilling pocket holes, overlapping holes, or holes on the edge of materials. Forstner Bits feature precision-ground kerf cutters for clean, accurate holes and a polished surface finish that creates flat bottom holes. The bit's round shank reduces runout for more precise wood boring.



CABLE BITS

Description	Part No.
Cable Bit 3/8" x 54"	48-13-8237
Cable Bit 3/8" x 72"	48-13-8337
Cable Bit 1/2" x 54"	48-13-8250
Cable Bit 1/2" x 72"	48-13-8350

Description	Part No.
Cable Bit 9/16" x 54"	48-13-8256
Cable Bit 9/16" x 72"	48-13-8356
Cable Bit 3/4" x 54"	48-13-8275
Cable Bit 3/4" x 72"	48-13-8375
Placement Guide	48-08-0275

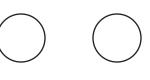
FEATURES

- Specially Designed: Ideal for pocket holes, overlapping holes, and holes at the edge
- Clean, Accurate Holes: Fine kerf teeth improve accuracy and deliver clean, smooth results
- Precision Control: Round shank style reduces runout for more precise holes

FORSTNER BITS

TORISTREM DITS		
Description	Part No.	
3/8" Forstner Bit	48-14-0376	
1/2" Forstner Bit	48-14-0501	
5/8" Forstner Bit	48-14-0626	
3/4" Forstner Bit	48-14-0751	

Description	Part No.
1" Forstner Bit	48-14-1001
1-3/8" Forstner Bit	48-14-1374
35 mm Forstner Bit	48-14-1376





FLAT BORING BITS

OVERVIEW

Bore small, clean holes at any angle in a variety of materials with the economical MILWAUKEE® Flat Boring Bit. This premium quality Flat Boring Bit is made of heat-treated high-carbon steel, so the drill point and cutting edge can be resharpened for cost savings and long life. Bore clean, fast holes at any angle in wood, plastic, plywood and Formica.

FEATURES

- Economical: Drill point and cutting edges can be resharpened for long life
- Clean Holes: Heat-treated carbon steel lets you bore clean holes quickly
- Versatile: Ideal for boring small holes in wood, plastic, plywood and Formica

FLAT BORING BITS

Description	4 -1/2" Part No.	6" Part No.	16" Part No.
1/4" Flat Boring Bit	-	48-27-0251	-
5/16" Flat Boring Bit	-	48-27-0311	-
3/8" Flat Boring Bit	-	48-27-0371	48-27-0170
7/16" Flat Boring Bit	-	48-27-0441	-
1/2" Flat Boring Bit	-	48-27-0501	48-27-0175
9/16" Flat Boring Bit	-	48-27-0561	-
5/8" Flat Boring Bit	-	48-27-0621	48-27-0180
11/16" Flat Boring Bit	-	48-27-0681	-
3/4" Flat Boring Bit	-	48-27-0751	48-27-0185
13/16" Flat Boring Bit	-	48-27-0811	-
7/8" Flat Boring Bit	-	48-27-0871	48-27-0190
15/16" Flat Boring Bit	-	48-27-0941	-
1" Flat Boring Bit	-	48-27-1001	48-27-0195
1-1/8" Flat Boring Bit	-	48-27-1121	-
1-1/4" Flat Boring Bit	-	48-27-1251	-
1-3/8" Flat Boring Bit	-	48-27-1371	-
1-1/2" Flat Boring Bit	-	48-27-1501	-
1/2" Stubby Flat Boring Bit	48-27-0005	-	-
5/8" Stubby Flat Boring Bit	48-27-0007	-	-
3/4" Stubby Flat Boring Bit	48-27-0009	-	-
7/8" Stubby Flat Boring Bit	48-27-0011	-	-
1" Stubby Flat Boring Bit	48-27-0013	-	-
1-1/4" Stubby Flat Boring Bit	48-27-0015	-	-
1-1/2" Stubby Flat Boring Bit	48-27-0017	-	-







FLAT BORING BIT SETS

FLAT BORING BIT SETS

Description		Includes	Part No.	
	3 PC Stubby Flat Boring Bit Set	(1) 1/2" Flat Boring Bit (1) 3/4" Flat Boring Bit (1) 1" Flat Boring Bit	48-27-0020	
	13 PC Stubby Flat Boring Bit Set	(1) 1/4" Flat Boring Bit (1) 5/16" Flat Boring Bit (1) 3/8" Flat Boring Bit (1) 7/16" Flat Boring Bit (1) 1/2" Flat Boring Bit (1) 9/16" Flat Boring Bit (1) 5/8" Flat Boring Bit (1) 11/16" Flat Boring Bit (1) 11/16" Flat Boring Bit (1) 13/4" Flat Boring Bit (1) 13/16" Flat Boring Bit (1) 16/16" Flat Boring Bit (1) 17/8" Flat Boring Bit (1) 15/16" Flat Boring Bit (1) 11/16" Flat Boring Bit	48-27-1520	
100000	6 PC 6" Universal Flat Boring Bit Set	(1) 3/8" Flat Boring Bit (1) 1/2" Flat Boring Bit (1) 5/8" Flat Boring Bit (1) 3/4" Flat Boring Bit (1) 7/8" Flat Boring Bit (1) 1" Flat Boring Bit	49-22-0071	
THE PARTY OF THE P	8 PC 6" Universal Flat Boring Bit Set	(1) 6" QUIK-LOK" Extension (1) 3/8" Flat Boring Bit (1) 1/2" Flat Boring Bit (1) 5/8" Flat Boring Bit (1) 3/4" Flat Boring Bit (1) 7/8" Flat Boring Bit (1) 1" Flat Boring Bit (1) 1" Flat Boring Bit (1) 1-1/16" Flat Boring Bit	49-22-0175	









SELFEED BITS

OVERVIEW

MILWAUKEE® Selfeed Drill Bits deliver speed and endurance for repetitive drilling of large holes. Designed for any trade that demands wood cutting for installing pipe and conduit, Selfeed bits bore into wood without pressure while providing fast, clean and accurate holes. The bits have improved balance with reduced runout, while the hex shank provides a secure gripping surface for the drill chuck. Every MILWAUKEE® Selfeed Drill Bit is coated with a rust inhibitor. Built to last and designed to perform, these Selfeed Bits are resharpenable so you can keep them cutting like new. Two feed screws are included.



FEATURES

- Faster, More Accurate Drilling: Center feed screw pilots the bit and allows the bit to pull through fast
- Clean Holes: Inside cutting plane shaves the hole radius for clean, smooth holes without pressure
- Long-lasting Performance: Bits are resharpenable and include two removable, replaceable feed screws

SELFEED BITS

JEH EED DITS		
Description	Part No.	
1" Selfeed Bit	48-25-1002	
1-1/8" Selfeed Bit	48-25-1122	
1-1/4" Selfeed Bit	48-25-1252	
1-3/8" Selfeed Bit	48-25-1372	
1-1/2" Selfeed Bit	48-25-1502	
1-3/4" Selfeed Bit	48-25-1752	
2" Selfeed Bit	48-25-2002	
2" Selfeed Bit	48-25-2002	

Description	Part No.
2-1/8" Selfeed Bit	48-25-2122
2-1/4" Selfeed Bit	48-25-2252
2-9/16" Selfeed Bit	48-25-2562
3" Selfeed Bit	48-25-3001
3-5/8" Selfeed Bit	48-25-3621
4-1/8" Selfeed Bit	48-25-4125
4-5/8" Selfeed Bit	48-25-4621

SELFEED BIT KITS

CEI EEEN RIT KITS

SELFEED BILKIIS				
De	escription	Includes	Part No.	
	3 PC Plumber's Selfeed Bit Set	(1) 1-1/2" Selfeed Bit (1) 2" Selfeed Bit (1) 2-9/16" Selfeed Bit	49-22-0030	
477	7 PC Plumber's Selfeed Bit Kit	(1) 7/8" Auger Bit (1) 1-1/8" Auger Bit (1) 1-1/4" Auger Bit (1) 1-1/2" Auger Bit (1) 1-3/4" Selfeed Bit (1) 2-1/8" Selfeed Bit (1) 2-9/16" Selfeed Bit (1) 5-1/2" Extension (1) Carrying Case	49-22-0065	



SELFEED BIT KITS

Description		Includes	Part No.
THE THE	7 PC Contractor's Selfeed Bit Kit	(1) 1" Selfeed Bit (1) 1-1/8" Selfeed Bit (1) 1-1/4" Selfeed Bit (1) 1-1/2" Selfeed Bit (1) 1-3/4" Selfeed Bit (1) 2-1/8" Selfeed Bit (1) 2-9/16" Selfeed Bit (1) 2-9/16" Selfeed Bit (1) 5-1/2" Extension (1) Carrying Case	49-22-0130
9474	4 PC Contractor's Selfeed Bit Kit	(1) 1-3/8" Selfeed Bit (1) 1-1/2" Selfeed Bit (1) 2-1/8" Selfeed Bit (1) 2-9/16" Selfeed Bit (1) 5-1/2" Extension (1) Carrying Case	49-22-0135

SELFEED BIT ACCESSORIES

SELFEED BIT ACCESSORIES

Description	Part No.
1/8" Hex Key for up to 2-9/16" Selfeed Bits	49-96-0060
5/32" Hex Key for 3" & Larger Selfeed Bits	49-96-0070
Feed and Set Screw Accessory Set	48-25-6000
Feed and Set Screw Kit	48-25-7000

Description	Part No.
Feed Screw Coarse Thread	48-28-6870
Feed Screw Single Ended	48-28-6880
Replaceable Shank for 3" & Larger Selfeed Bits	48-07-0201

SWITCHBLADE™ SELFEED BITS

OVERVIEW

The MILWAUKEE® SWITCHBLADE™ Selfeed Bits drill up to 12% faster and deliver up to 2X longer life. Designed for any trade that demands repetitive cutting of large holes in wood, SWITCHBLADE™ Selfeed Bits allow you to remove and replace blades rather than resharpen. Every quick and convenient change of the hardened steel blade allows for a new bit for less downtime on the job. An aggressive feed screw design enables the bit to pull through quickly for faster drilling. Built to last and designed to perform, SWITCHBLADE™ Selfeed Bits deliver more holes for the money.

FEATURES

- Superior Performance: Blades are easily replaced to provide a new bit on demand
- Faster Drilling: Aggressive feed screw design allows the bit to pull through wood faster
- Longer Bit Life: Replaceable blades are made of hardened steel
- Easy Size Reference: Bit and blades are engraved for quick and easy size identification





SWITCHBLADE™ SELFEED BITS

Description	Part No.
1-3/8" SWITCHBLADE™ Selfeed Bit	48-25-5120
1-1/2" SWITCHBLADE™ Selfeed Bit	48-25-5125
2" SWITCHBLADE™ Selfeed Bit	48-25-5135

Description	Part No.
2-1/8" SWITCHBLADE™ Selfeed Bit	48-25-5140
2-1/4" SWITCHBLADE™ Selfeed Bit	48-25-5143
2-9/16" SWITCHBLADE™ Selfeed Bit	48-25-5150

SWITCHBLADE™ SELFEED BIT KIT

SWITCHBLADE™ SELFEED BIT KIT

Description	Includes	Part No.
5 PC SWITCHBLADE™ Selfeed Bit Plumber's Kit	(1) 1-3/8" SWITCHBLADE™ Selfeed Bit (1) 1-1/2" SWITCHBLADE™ Selfeed Bit (1) 2-1/8" SWITCHBLADE™ Selfeed Bit (1) 2-9/16" SWITCHBLADE™ Selfeed Bit (1) 7/16" x 5-1/2" QUIK-LOK™ Extension (1) Hex Wrench	49-22-5100

SWITCHBLADE™ SELFEED BIT COMPATIBILITY

SWITCHBLADE™ SELFEED BIT COMPATIBILITY

Size	1 PC	3 PC	3" Blade Replacement Kit	10 PC Blade Replacement Kit	Replacement Feed Screw Kit	SWITCHBLADE™ Feed Screw Kit
1-3/8"	48-25-5420	48-25-5520	48-25-5220	48-25-5320	48-25-5275	48-25-5280
1-1/2"	48-25-5425	48-25-5525	48-25-5225	48-25-5325		
2"	48-25-5435	48-25-5535	48-25-5235	48-25-5335		
2-1/8"	48-25-5440	48-25-5540	48-25-5240	48-25-5340		
2-1/4"	48-25-5443	48-25-5543	48-25-5243	48-25-5343		
2-9/16"	48-25-5450	48-25-5550	48-25-5250	48-25-5350		







OVERVIEW

The SHOCKWAVE Impact Duty™ Lineman's Auger Bits are engineered to deliver cleaner, faster holes in wooden utility poles. They feature a single-spur design, which scores the edge of the hole, creating a cleaner finish that allows bolts to slide through without resistance. The bits are coated with a reinforced anti-friction PTFE coating for overall smoother drilling and easier removal of the bit from the pole. The aggressive feed screw and cutting edge pull the bit through the material while the optimized wide flute geometry quickly ejects the chips to clear the hole and reduce clogs, leading to overall faster drilling speeds.

FEATURES

- Engineered for the power utility lineman to drill cleaner, faster holes in wooden utility poles
- Single-Spur Design: Scores the hole for a cleaner finish
- Reinforced Anti-Friction PTFE Coating: Overall smoother drilling

SHOCKWAVE IMPACT DUTY $^{\text{\tiny{TM}}}$ LINEMAN'S AUGER BITS

Description	18" Part No.	24" Part No.	30" Part No.
3/8" SHOCKWAVE Impact Duty™ Lineman's Auger Bit	48-13-6700	48-13-6800	-
1/2" SHOCKWAVE Impact Duty™ Lineman's Auger Bit	48-13-6702	48-13-6802	-
9/16" SHOCKWAVE Impact Duty™ Lineman's Auger Bit	48-13-6703	48-13-6803	-
5/8" SHOCKWAVE Impact Duty™ Lineman's Auger Bit	48-13-6704	48-13-6804	48-13-6904
11/16" SHOCKWAVE Impact Duty™ Lineman's Auger Bit	48-13-6705	48-13-6805	48-13-6905
13/16" SHOCKWAVE Impact Duty™ Lineman's Auger Bit	48-13-6707	48-13-6807	48-13-6907
15/16" SHOCKWAVE Impact Duty™ Lineman's Auger Bit	48-13-6709	48-13-6809	48-13-6909
1" SHOCKWAVE Impact Duty™ Lineman's Auger Bit	48-13-6710	48-13-6810	-
1-1/16" SHOCKWAVE Impact Duty™ Lineman's Auger Bit	48-13-6711	48-13-6811	-
1-1/8" SHOCKWAVE Impact Duty™ Lineman's Auger Bit	48-13-6712	48-13-6812	-
1-1/4" SHOCKWAVE Impact Duty™ Lineman's Auger Bit	48-13-6713	48-13-6813	-
11/16" SHOCKWAVE Impact Duty™ Lineman's Auger Bits (25 pk)	48-13-6795	-	-
13/16" SHOCKWAVE Impact Duty™ Lineman's Auger Bits (25 pk)	48-13-6797	-	-
15/16" SHOCKWAVE Impact Duty™ Lineman's Auger Bits (25 pk)	48-13-6799	-	-



SHIP AUGER BITS



OVERVIEW

The MILWAUKEE® Ship Auger Bit drills through up to 2X the nails of competitive auger bits without needing resharpening. Drill into clean or nail-embedded wood with confidence when installing Romex wire, PEX water lines, rebar, bolts and rope in piers, playground equipment and landscaping. The flutes are wider for maximum chip removal, even in deep holes. The polished and coated flute finish means chips won't stick to the bit, even when drilling in material that contains sap or glue. The through-center cutting design creates a more solid striking point against nails compared to the competitions' ahead-of-center and behind-center designs. The longer shaft length makes it easy to drill deeper or overhead without an extension.

FEATURES

- Durable: Hardened, one-face 20° rake angle design enhances nail resistance, chip removal and fast, easy sharpening
- Fast Chip Removal: Nonstick, polished and coated flutes eliminate costly cleaning time
- Impact-rated Shank: Optimized for the high torque of impact wrenches

SHIP AUGER BITS

Description	6"	18"	
3/8" Ship Auger Bit	48-13-0373	48-13-5500	
7/16" Ship Auger Bit	-	48-13-5520	
1/2" Ship Auger Bit	48-13-0503	48-13-5540	
9/16" Ship Auger Bit	-	48-13-5560	
5/8" Ship Auger Bit	48-13-0623	48-13-5620	
11/16" Ship Auger Bit	48-13-0683	48-13-5680	
3/4" Ship Auger Bit	48-13-0753	48-13-5750	
13/16" Ship Auger Bit	48-13-0813	48-13-5810	

Description	6"	18"
7/8" Ship Auger Bit	48-13-0873	48-13-5870
15/16" Ship Auger Bit	48-13-0933	48-13-5930
1" Ship Auger Bit	48-13-1003	48-13-6000
1-1/16" Ship Auger Bit	48-13-1063	48-13-6010
1-1/8" Ship Auger Bit	48-13-1123	48-13-6120
1-1/4" Ship Auger Bit	48-13-1253	48-13-6250
1-3/8" Ship Auger Bit	48-13-1373	48-13-6370
1-1/2" Ship Auger Bit	48-13-1503	48-13-6500

SHIP AUGER BIT SET

SHIP AUGER BIT SET

Description	Includes	Part No.
3 PC 18" Ship Auger Bit Set	(1) 1/2" Ship Auger Bit (1) 3/4" Ship Auger Bit (1) 1" Ship Auger Bit (1) Carrying Case	48-13-3000



SPEED FEED™ BITS

OVERVIEW

MILWAUKEE® SPEED FEED™ Wood Bits let you drill up to 10X faster than flat boring bits. These self-feeding wood bits feature double wing spurs for drilling fast holes in clean wood. The feed screw and dual cutting edges permit fast cutting of clean holes that are ideal for feeding wire or bolts.

FEATURES

- Efficient: Up to 10X faster drilling than flat boring bits
- Fast Chip Removal: Nonstick, polished and coated flutes eliminate costly cleaning time
- Clean Holes: Double wing spurs permit cleaner hole cutting



SPEED FEED™ BITS

Description	Part No.
1/2" x 6" SPEED FEED™ Wood Bit	48-13-0048
5/8" x 6" SPEED FEED™ Wood Bit	48-13-0058
3/4" x 6" SPEED FEED™ Wood Bit	48-13-0068

Description	Part No.
7/8" x 6" SPEED FEED™ Wood Bit	48-13-0078
1" x 6" SPEED FEED™ Wood Bit	48-13-0088
1-1/4" x 6" SPEED FEED™ Wood Bit	48-13-0108

SPEED FEED™ BIT SETS

SPEED FEED™ BIT SETS

Description		Includes	Part No.
10 Ha	4 PC 6" SPEED FEED™ Wood Bit Set	(1) 1/2" x 6" SPEED FEED™ Wood Bit (1) 5/8" x 6" SPEED FEED™ Wood Bit (1) 3/4" x 6" SPEED FEED™ Wood Bit (1) 1" x 6" SPEED FEED™ Wood Bit	48-13-0400
	6 PC 6" SPEED FEED™ Wood Bit Set	(1) 1/2" x 6" SPEED FEED™ Wood Bit (1) 5/8" x 6" SPEED FEED™ Wood Bit (1) 3/4" x 6" SPEED FEED™ Wood Bit (1) 7/8" x 6" SPEED FEED™ Wood Bit (1) 1" x 6" SPEED FEED™ Wood Bit (1) 1-1/4" x 6" SPEED FEED™ Wood Bit	48-13-0600



SPUR AUGER BITS

OVERVIEW

The MILWAUKEE® Spur Auger Bit features double wing spurs for fast, clean holes in wood. Designed with electricians, plumbers, utilities and other trades in mind, Spur Auger bits are impact-rated, so they're strong enough for a variety of applications. The double wing spurs continually scribe the hole, producing smooth holes without breakout. The polished and coated flute finish means chips won't stick, eliminating time-consuming stops to clean the bit.



FEATURES

- Double Wing Spurs: Allow for fast, clean hole cutting
- Fast Chip Removal: Nonstick, polished and coated flutes eliminate costly cleaning time
- Impact-rated Shank: Strong enough to use with an impact wrench

SPUR AUGER BITS

Description	Part No.
1/2" x 6-1/2" Spur Auger Bit	48-13-0700
5/8" x 6-1/2" Spur Auger Bit	48-13-0725
3/4" x 6-1/2" Spur Auger Bit	48-13-0750
7/8" x 6-1/2" Spur Auger Bit	48-13-0870
1" x 6-1/2" Spur Auger Bit	48-13-1000

Description	Part No.
1-1/8" x 6-1/2" Spur Auger Bit	48-13-1120
1-1/4" x 6-1/2" Spur Auger Bit	48-13-1250
1-3/8" x 6-1/2" Spur Auger Bit	48-13-1370
1-1/2" x 6-1/2" Spur Auger Bit	48-13-1500

SPUR AUGER BIT SET

SPUR AUGER BIT SET

Description	Includes	Part No.	
4 PC 6-1/2" Spur Auger Bit Set	(1) 1/2" Spur Auger Bit (1) 3/4" Spur Auger Bit (1) 7/8" Spur Auger Bit (1) 1" Spur Auger Bit	48-13-4000	



COUNTERSINKS

OVERVIEW

MILWAUKEE® Countersink bits have a tapered flute for quick and clean pre-drilled holes. The 1/4" Quick Change Hex Shanks allow for quick size changes. The drill bit length is adjustable to allow for precise depth control.

FEATURES

- 1/8" Hex: For adjusting drill bit length
- 1/4" Quick Change Hex Shank
- Designed for use in Drill/Drivers

COUNTERSINKS

Diameter	Description	Part No.	
9/64"	#6 Countersink	48-13-5000	
11/64"	#8 Countersink	48-13-5001	
3/16"	#10 Countersink	48-13-5002	

COUNTERSINK SET

COUNTERSINK SET

Description	Includes	Part No.
3 PC Countersink Set	(1) #6 Countersink (1) #8 Countersink (1) #10 Countersink	48-13-5003



WOOD BORING EXTENSIONS

Extensions are located on page 21 of this catalog.







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