



# PLUMBING, MECHANICAL & HVAC/R SOLUTIONS GUIDE



**REDLITHIUM™**



FORCE LOGIC™

BATTERIES &  
CHARGERS

M12™ CORDLESS

M18™ CORDLESS

VACUUMS &  
LASERS

MX FUEL™  
EQUIPMENT SYSTEM

ACCESSORIES

TEMP & PERSONAL  
LIGHTING

PERSONAL  
PROTECTIVE  
EQUIPMENT

STORAGE

**SUMMER 2025**

## PRESS SOLUTIONS

### M18™ FORCE LOGIC™ Long Throw Press Tool Kit w/ 1/2" - 1" SS Jaws

2773-22L

**Includes:** 2773-20L Long Throw Press Tool, (2) M18™ REDLITHIUM™ XC3.0 Battery Packs, 1/2", 3/4", 1" IPS-IA Jaws, Multi-Voltage Charger and Carrying Case.



### M18™ FORCE LOGIC™ Long Throw Press Tool Kit

2773-20L

**Includes:** 2773-20L Long Throw Press Tool, (2) M18™ REDLITHIUM™ XC3.0 Battery Packs, Multi-Voltage Charger and Carrying Case. Jaws Not Included.



### M18™ FORCE LOGIC™ Press Tool Kit w/ ONE-KEY™ with 1/2" - 2" CTS Jaws

2922-22

**Includes:** 2922-20 Press Tool w/ ONE-KEY™, (2) M18™ REDLITHIUM™ CP2.0 Battery Packs, 1/2", 3/4", 1", 1-1/4", 1-1/2", 2" CTS Jaws, Multi-Voltage Charger and Carrying Case.



### M18™ Short Throw Press Tool Kit w/ Viega® PureFlow® Jaws

2674-22P

**Includes:** 2674-20P Short Throw Press Tool, (2) M18™ REDLITHIUM™ CP2.0 Battery Packs, 49-16-2631P 1/2" Viega® PureFlow® Jaw, 49-16-2633P 3/4" Viega® PureFlow® Jaw, 49-16-2634P 1" Viega® PureFlow® Jaw, Multi-Voltage Charger and Carrying Case.



### M18™ Short Throw Press Tool Kit w/ PEX Crimp Jaws

2674-22C

**Includes:** 2674-20C Short Throw Press Tool, (2) M18™ REDLITHIUM™ CP2.0 Battery Packs, 49-16-2631C 1/2" PEX Crimp Jaw, 49-16-2633C 3/4" PEX Crimp Jaw, 49-16-2634C 1" PEX Crimp Jaw, Multi-Voltage Charger and Carrying Case.



### M12™ FORCE LOGIC™ Press Tool Kit w/ 1/2" - 1" CTS Jaws

2473-22

**Includes:** 2473-20 Press Tool, (2) M12™ REDLITHIUM™ CP1.5 Battery Packs, 49-16-2450 1/2" CTS Jaw, 49-16-2451 3/4" CTS Jaw, 49-16-2452 1" CTS Jaw, M12™ Charger and Carrying Case.



### M12™ FORCE LOGIC™ Press Tool Kit

2473-20

**Includes:** 2473-20 Press Tool, (2) M12™ REDLITHIUM™ CP1.5 Battery Packs, M12™ Charger and Carrying Case. Jaws Not Included.




## COMPATIBLE JAWS & RINGS

### M18™ FORCE LOGIC™ Long Throw Press Tool

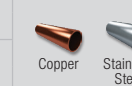
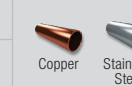
2773-20L

#### CTS

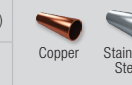
##### JAWS

MET Part #	Description	Material
49-16-2650	1/2" CTS-V	 Copper    Stainless Steel
49-16-2651	3/4" CTS-V	
49-16-2652	1" CTS-V	
49-16-2653	1-1/4" CTS-V	
49-16-2654	1-1/2" CTS-V	
49-16-2655	2" CTS-V	

##### PIVOTING RINGS

MET Part #	Description	Requires Ring Jaw	Material
49-16-2650X	1/2" CTS-V Pivoting	X4 Ring Jaw	 Copper    Stainless Steel
49-16-2651X	3/4" CTS-V Pivoting		
49-16-2652X	1" CTS-V Pivoting		
49-16-2653X	1-1/4" CTS-V Pivoting		
49-16-2654X	1-1/2" CTS-V Pivoting		
49-16-2655X	2" CTS-V Pivoting	X5 Ring Jaw	 Copper    Stainless Steel
49-16-2656X	2-1/2" CTS-V Pivoting		
49-16-2657X	3" CTS-V Pivoting		
49-16-2658X	4" CTS-V Pivoting		

##### PIVOTING RING KITS

MET Part #	Description	Requires Ring Jaw	Material
49-16-2692X	1/2" – 2" CTS-V Pivoting	X4, X5 Ring Jaw (Included)	 Copper    Stainless Steel
49-16-2690X	2-1/2" – 4" CTS-V Pivoting	X5 Ring Jaw (Included)	

#### NIBCO®

##### PIVOTING RINGS



MET Part #	Description	Requires Ring Jaw	Material
49-16-2656NX	2-1/2" NIBCO®	X6 Ring Jaw	 Copper
49-16-2657NX	3" NIBCO®		
49-16-2658NX	4" NIBCO®		

##### PIVOTING RING KIT




MET Part #	Description	Requires Ring Jaw	Material
49-16-2690NX	2-1/2" – 4" NIBCO®	X6 Ring Jaw (Included)	 Copper

#### IPS


##### JAWS

MET Part #	Description	Material
49-16-2650B	1/2" IPS-P	 Black Pipe    Stainless Steel
49-16-2651B	3/4" IPS-P	
49-16-2652B	1" IPS-P	 Stainless Steel
49-16-2650S	1/2" IPS-IA	
49-16-2651S	3/4" IPS-IA	
49-16-2652S	1" IPS-IA	
49-16-2650SA	1/2" IPS-ASP	
49-16-2651SA	3/4" IPS-ASP	
49-16-2652SA	1" IPS-ASP	


##### KITS

MET Part #	Description	Requires Ring Jaw	Material
49-16-2696	1/2" – 1" IPS-P	N/A	 Black Pipe    Stainless Steel
49-16-2691S	1-1/4" – 2" IPS-IAr2	r1, r2 Ring Jaw (Included)	 Stainless Steel
49-16-2691SA	1/2" – 2" IPS-ASP	r2 Ring Jaw (Included)	 Stainless Steel

##### RINGS

MET Part #	Description	Requires Ring Jaw	Material
49-16-2654SA	1-1/2" IPS-ASP	r2 Ring Jaw	 Stainless Steel
49-16-2655SA	2" IPS-ASP		
49-16-2653S	1-1/4" IPS-IAr1	r1 Ring Jaw	
49-16-2654S	1-1/2" IPS-IAr2	r2 Ring Jaw	
49-16-2655S	2" IPS-IAr2		

##### PIVOTING RINGS

MET Part #	Description	Requires Ring Jaw	Material
49-16-2650BX	1/2" IPS-P Pivoting	X4 Ring Jaw	 Black Pipe    Stainless Steel
49-16-2651BX	3/4" IPS-P Pivoting		
49-16-2652BX	1" IPS-P Pivoting		
49-16-2653BX	1-1/4" IPS-P Pivoting	X5 Ring Jaw	
49-16-2654BX	1-1/2" IPS-P Pivoting		
49-16-2655BX	2" IPS-P Pivoting	X6 Ring Jaw	
49-16-2656BX	2-1/2" IPS-P Pivoting		
49-16-2657BX	3" IPS-P Pivoting		
49-16-2658BX	4" IPS-P Pivoting		

##### PIVOTING RING KITS

MET Part #	Description	Requires Ring Jaw	Material
49-16-2697X	1/2" – 2" IPS-P Pivoting	X4, X5 Ring Jaw (Included)	 Black Pipe    Stainless Steel
49-16-2698X	2-1/2" – 4" IPS-P Pivoting	X6 Ring Jaw (Included)	

## COMPATIBLE JAWS & RINGS


### M18™ FORCE LOGIC™ Long Throw Press Tool

2773-20L

#### ACR

##### RLS®

##### JAWS


MET Part #	Description	Material
49-16-2650R	1/4" RLS®	 ACR Copper
49-16-2652R	3/8" RLS®	
49-16-2653R	1/2" RLS®	
49-16-2654R	5/8" RLS®	
49-16-2655R	3/4" RLS®	
49-16-2656R	7/8" RLS®	
49-16-2657R	1-1/8" RLS®	
49-16-2658R	1-3/8" RLS®	

##### JAW KIT


MET Part #	Description	Material
49-16-2662R	1/4" – 1-1/8" RLS®	 ACR Copper

#### ZOOMLOCK® MAX

##### JAWS


MET Part #	Description	Material
49-16-2650Z	1/4" ZoomLock® MAX	 ACR Copper
49-16-2652Z	3/8" ZoomLock® MAX	
49-16-2653Z	1/2" ZoomLock® MAX	
49-16-2654Z	5/8" ZoomLock® MAX	
49-16-2655Z	3/4" ZoomLock® MAX	
49-16-2656Z	7/8" ZoomLock® MAX	
49-16-2657Z	1-1/8" ZoomLock® MAX	

##### JAW KIT

MET Part #	Description	Material
49-16-2662Z	1/4" – 1-1/8" ZoomLock® MAX	 ACR Copper

#### PEX

##### JAWS

MET Part #	Description	Material
49-16-2651C	1/2"	 PEX
49-16-2653C	3/4"	
49-16-2654C	1"	
49-16-2655C	1-1/4"	
49-16-2656C	1-1/2"	
49-16-2657C	2"	

#### RING JAWS

##### JAWS

MET Part #	Description
49-16-2659X4	X4 Ring Jaw for M18™ FORCE LOGIC™ Press Tools
49-16-2659X5	X5 Ring Jaw for M18™ FORCE LOGIC™ Press Tools
49-16-2659X6	X6 Ring Jaw for M18™ FORCE LOGIC™ Long Throw Press Tool
49-16-2659	r1 Ring Jaw For M18™ FORCE LOGIC™ Press Tools
49-16-2659S	r2 Ring Jaw For M18™ FORCE LOGIC™ Long Throw Press Tool

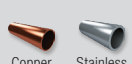
## COMPATIBLE JAWS & RINGS

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

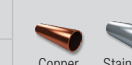
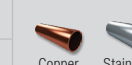
2922-20

### CTS


#### JAWS

MET Part #	Description	Material
49-16-2650	1/2" CTS-V	 Copper    Stainless Steel
49-16-2651	3/4" CTS-V	
49-16-2652	1" CTS-V	
49-16-2653	1-1/4" CTS-V	
49-16-2654	1-1/2" CTS-V	
49-16-2655	2" CTS-V	

#### PIVOTING RINGS



MET Part #	Description	Requires Ring Jaw	Material
49-16-2650X	1/2" CTS-V Pivoting	X4 Ring Jaw	 Copper    Stainless Steel
49-16-2651X	3/4" CTS-V Pivoting		
49-16-2652X	1" CTS-V Pivoting		
49-16-2653X	1-1/4" CTS-V Pivoting		
49-16-2654X	1-1/2" CTS-V Pivoting	X5 Ring Jaw	 Copper    Stainless Steel
49-16-2655X	2" CTS-V Pivoting		
49-16-2656X	2-1/2" CTS-V Pivoting		
49-16-2657X	3" CTS-V Pivoting		
49-16-2658X	4" CTS-V Pivoting		

#### PIVOTING RING KITS

MET Part #	Description	Requires Ring Jaw	Material
49-16-2692X	1/2" – 2" CTS-V Pivoting	X4, X5 Ring Jaw (Included)	 Copper    Stainless Steel
49-16-2690X	2-1/2" – 4" CTS-V Pivoting	X5 Ring Jaw (Included)	

### IPS

#### JAWS

MET Part #	Description	Material
49-16-2650B	1/2" IPS-P	 Black Pipe    Stainless Steel
49-16-2651B	3/4" IPS-P	
49-16-2652B	1" IPS-P	 Stainless Steel
49-16-2650S	1/2" IPS-IA	
49-16-2651S	3/4" IPS-IA	
49-16-2652S	1" IPS-IA	
49-16-2650SA	1/2" IPS-ASP	
49-16-2651SA	3/4" IPS-ASP	

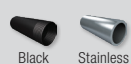
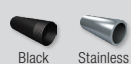
#### RINGS

MET Part #	Description	Requires Ring Jaw	Material
49-16-2653S	1-1/4" IPS-IAr1	r1 Ring Jaw	 Stainless Steel


#### JAW KIT

MET Part #	Description	Material
49-16-2696	1/2" – 1" IPS-P	 Black Pipe    Stainless Steel

#### PIVOTING RINGS

MET Part #	Description	Requires Ring Jaw	Material
49-16-2650BX	1/2" IPS-P Pivoting	X4 Ring Jaw	 Black Pipe    Stainless Steel
49-16-2651BX	3/4" IPS-P Pivoting		
49-16-2652BX	1" IPS-P Pivoting		
49-16-2653BX	1-1/4" IPS-P Pivoting	X5 Ring Jaw	 Black Pipe    Stainless Steel
49-16-2654BX	1-1/2" IPS-P Pivoting		
49-16-2655BX	2" IPS-P Pivoting		

#### PIVOTING RING KIT

MET Part #	Description	Requires Ring Jaw	Material
49-16-2697X	1/2" – 2" IPS-P Pivoting	X4, X5 Ring Jaw (Included)	 Black Pipe    Stainless Steel

## COMPATIBLE JAWS & RINGS


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

2922-20

### ACR

#### RLS®

##### JAWS


MET Part #	Description	Material
49-16-2650R	1/4" RLS®	 ACR Copper
49-16-2652R	3/8" RLS®	
49-16-2653R	1/2" RLS®	
49-16-2654R	5/8" RLS®	
49-16-2655R	3/4" RLS®	
49-16-2656R	7/8" RLS®	
49-16-2657R	1-1/8" RLS®	
49-16-2658R	1-3/8" RLS®	

##### JAW KIT

MET Part #	Description	Material
49-16-2662R	1/4" – 1-1/8" RLS®	 ACR Copper

### ZOOMLOCK® MAX

##### JAWS


MET Part #	Description	Material
49-16-2650Z	1/4" ZoomLock® MAX	 ACR Copper
49-16-2652Z	3/8" ZoomLock® MAX	
49-16-2653Z	1/2" ZoomLock® MAX	
49-16-2654Z	5/8" ZoomLock® MAX	
49-16-2655Z	3/4" ZoomLock® MAX	
49-16-2656Z	7/8" ZoomLock® MAX	
49-16-2657Z	1-1/8" ZoomLock® MAX	

##### JAW KIT

MET Part #	Description	Material
49-16-2662Z	1/4" – 1-1/8" ZoomLock® MAX	 ACR Copper

### PEX

##### JAWS

MET Part #	Description	Material
49-16-2651C	1/2"	 PEX
49-16-2653C	3/4"	
49-16-2654C	1"	
49-16-2655C	1-1/4"	
49-16-2656C	1-1/2"	
49-16-2657C	2"	

### RING JAWS

##### JAWS

MET Part #	Description
49-16-2659X4	X4 Ring Jaw for M18™ FORCE LOGIC™ Press Tools
49-16-2659X5	X5 Ring Jaw for M18™ FORCE LOGIC™ Press Tools
49-16-2659	r1 Ring Jaw For M18™ FORCE LOGIC™ Press Tools


## COMPATIBLE JAWS & RINGS

M18™ FORCE LOGIC™ Short Throw Press Tool


2674-20

### PEX

VIEGA® PUREFLOW® PEX PRESS

JAWS		
MET Part #	Description	Material
49-16-2630P	3/8"	 PEX
49-16-2631P	1/2"	
49-16-2632P	5/8"	
49-16-2633P	3/4"	
49-16-2634P	1"	

### F1807 & F2159

JAWS		
MET Part #	Description	Material
49-16-2630C	3/8"	 PEX
49-16-2631C	1/2"	
49-16-2632C	5/8"	
49-16-2633C	3/4"	
49-16-2634C	1"	


## COMPATIBLE JAWS & RINGS

### M12™ FORCE LOGIC™ Press Tool


2473-20

#### CTS

##### JAWS

MET Part #	Description	Material
49-16-2450	1/2" CTS-V	 Copper    Stainless Steel
49-16-2451	3/4" CTS-V	
49-16-2452	1" CTS-V	
49-16-2453	1-1/4" CTS-V	

##### PIVOTING RINGS

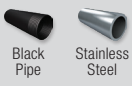
MET Part #	Description	Requires Ring Jaw	Material
49-16-2650X	1/2" CTS-V Pivoting	X3 Ring Jaw	 Copper    Stainless Steel
49-16-2651X	3/4" CTS-V Pivoting		
49-16-2652X	1" CTS-V Pivoting		
49-16-2653X	1-1/4" CTS-V Pivoting		

##### PIVOTING RING KIT

MET Part #	Description	Requires Ring Jaw	Material
49-16-2490X	1/2" – 1-1/4" CTS-V Pivoting	X3 Ring Jaw (Included)	 Copper    Stainless Steel

#### IPS

##### JAWS

MET Part #	Description	Material
49-16-2450B	1/2" IPS-P	 Black Pipe    Stainless Steel
49-16-2451B	3/4" IPS-P	
49-16-2452B	1" IPS-P	

##### JAW KIT

MET Part #	Description	Material
49-16-2496	1/2" – 1" IPS-P	 Black Pipe    Stainless Steel

##### PIVOTING RINGS

MET Part #	Description	Requires Ring Jaw	Material
49-16-2650BX	1/2" IPS-P Pivoting	X3 Ring Jaw	 Black Pipe    Stainless Steel
49-16-2651BX	3/4" IPS-P Pivoting		
49-16-2652BX	1" IPS-P Pivoting		


##### PIVOTING RING KIT

MET Part #	Description	Required Ring Jaw	Material
49-16-2496X	1/2" – 1" IPS-P Pivoting	X3 Ring Jaw (Included)	 Black Pipe    Stainless Steel


#### ACR

##### ZOOMLOCK® MAX

##### JAWS


MET Part #	Description	Material
49-16-2450Z	1/4" ZoomLock® MAX	 ACR Copper
49-16-2452Z	3/8" ZoomLock® MAX	
49-16-2453Z	1/2" ZoomLock® MAX	
49-16-2454Z	5/8" ZoomLock® MAX	
49-16-2455Z	3/4" ZoomLock® MAX	
49-16-2456Z	7/8" ZoomLock® MAX	
49-16-2457Z	1-1/8" ZoomLock® MAX	

##### JAW KIT

MET Part #	Description	Material
49-16-2462Z	1/4" – 1-1/8" ZoomLock® MAX	 ACR Copper

#### PEX

##### JAWS

MET Part #	Description	Material
49-16-2451C	1/2"	 PEX
49-16-2453C	3/4"	
49-16-2454C	1"	
49-16-2455C	1-1/4"	
49-16-2456C	1-1/2"	

#### RING JAW

MET Part #	Description
49-16-2459X3	X3 Ring Jaw for M12™ FORCE LOGIC™ Press Tool

# M18 M12 DRAIN CLEANING

## TRAPSAKE™ PORCELAIN AUGER SYSTEM

### TRAPSAKE™ 4' URINAL AUGER



**TRAPSAKE™ 4' Urinal Auger**  
49-16-3574

**Includes:** 49-16-3574 TRAPSAKE™ 4' Urinal Auger, TRAPSAKE™ Auger Handle and Cable



**TRAPSAKE™ 4' Urinal Auger Replacement Cable**  
48-53-3574



**M12™ TRAPSAKE™ 4' Urinal Auger Kit**  
3574-21

**Includes:** 3574-20 TRAPSAKE™ 4' Urinal Auger, M12™ TRAPSAKE™ Driver, Cable, (1) M12™ REDLITHIUM™ CP1.5 Battery Pack and M12™ Charger



**TRAPSAKE™ Urinal Auger Case**  
48-22-2577



### TRAPSAKE™ 6' TOILET AUGER



**TRAPSAKE™ 6' Toilet Auger**  
49-16-3576

**Includes:** 49-16-3576 TRAPSAKE™ 6' Toilet Auger, TRAPSAKE™ Auger Handle and Cable



**TRAPSAKE™ 6' Toilet Auger Replacement Cable**  
48-53-3576



**M12™ TRAPSAKE™ 6' Toilet Auger Kit**  
3576-21

**Includes:** 3576-20 TRAPSAKE™ 6' Toilet Auger, M12™ TRAPSAKE™ Driver, Cable, (1) M12™ REDLITHIUM™ CP1.5 Battery Pack and M12™ Charger



**TRAPSAKE™ Toilet Auger Case**  
48-22-2576



### TRAPSAKE™ 25' AUGER



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

**Includes:** 48-53-2579 1/4" x 25' Bulb Head Cable



**TRAPSAKE™ 1/4" x 25' Bulb Head Replacement Cable**  
48-53-2579



**TRAPSAKE™ 1/4" x 25' Drop Head Replacement Cable**  
48-53-2578



### ADDITIONAL TRAPSAKE™ KITS



**M12™ TRAPSAKE™ Driver Upgrade Kit**  
2575-21

**Includes:** 2575-20 M12™ TRAPSAKE™ Driver, (1) M12™ REDLITHIUM™ CP1.5 Battery Pack, M12™ Charger



**M12™ TRAPSAKE™ 2-Tool Combo Kit**  
3577-21

**Includes:** 3576-20 TRAPSAKE™ 6' Toilet Auger, 3574-20 TRAPSAKE™ 4' Urinal Auger, M12™ TRAPSAKE™ Driver, Cables, (1) M12™ REDLITHIUM™ CP1.5 Battery Pack and M12™ Charger



**M12™ DRAIN SNAKE**


**M12™ Drain Snake with 5/16" Cable (Tool-Only)**  
2571-20

**Includes:** 2571-20 M12™ Drain Snake, 5/16" x 25' Inner Core Bulb Head Cable with Inner Drum, 5 Gallon Drain Snake Storage Bucket



**M12™ Drain Snake Kit with 5/16" Cable**  
2571-21

**Includes:** 2571-20 M12™ Drain Snake, 5/16" x 25' Inner Core Bulb Head Cable with Inner Drum, (1) M12™ REDLITHIUM™ CP1.5 Battery Pack, M12™ Charger, 5 Gallon Drain Snake Storage Bucket


**M18 FUEL™ DRAIN SNAKE w/ CABLE DRIVE™**


**M18 FUEL™ Drain Snake w/ CABLE DRIVE™ Kit with 5/16" Cable**  
2772A-21

**Includes:** 2772-20 M18 FUEL™ Drain Snake and 5/16" x 35' Inner Core Bulb Head Cable w/ RUST GUARD™ Plating, (1) M18™ REDLITHIUM™ CP2.0 Battery Pack, M18™ and M12™ Multi-Voltage Charger, Storage Bucket


**M18™ DRUM MACHINE**


**M18™ Drum Machine with 3/8" Cable Kit**  
2817A-21

**Includes:** 2817A-20 M18™ Drum Machine, (1) M18™ REDLITHIUM™ XC4.0 Battery Pack, M18™ and M12™ Multi-Voltage Charger, 3/8" x 75' Cable, Medium Funnel Head Attachment w/ RUST GUARD™ Plating, Medium Drop Head Attachment w/ RUST GUARD™ Plating, 1-1/2" Spade Bit Attachment w/ RUST GUARD™ Plating, 1-1/2" C-Cutter Attachment w/ RUST GUARD™ Plating, Pin Key, Anchor Cable



**CABLE DRIVE™ Assembly**  
47-53-2816



**Drum w/ Anchor Cable for M18™ Drum Machine**  
47-53-2817



**M18 FUEL™ SWITCH PACK™ SECTIONAL DRUM SYSTEM**



**M18 FUEL™ SWITCH PACK™**  
Sectional Drum Machine Kit for 5/16" – 5/8" Cables  
2775-211

**Includes:** 2775-20 M18 FUEL™ SWITCH PACK™ Powered Base, SWITCH PACK™ Drum w/ Anchor Cable, (1) M18™ REDLITHIUM™ XC5.0 Battery Pack and M18™ and M12™ Multi-Voltage Charger



**M18 FUEL™ SWITCH PACK™**  
Sectional Drum Machine Kit with 5/16" Cable  
2775A-211

**Includes:** 2775-20 M18 FUEL™ SWITCH PACK™ Powered Base, SWITCH PACK™ Drum w/ Anchor Cable, 5/16" x 75' Inner Core Drop Head Cable w/ RUST GUARD™ Plating, (1) M18™ REDLITHIUM™ XC5.0 Battery Pack and M18™ and M12™ Multi-Voltage Charger



**M18 FUEL™ SWITCH PACK™**  
Sectional Drum Machine Kit with 3/8" Cable  
2775B-211

**Includes:** 2775-20 M18 FUEL™ SWITCH PACK™ Powered Base, SWITCH PACK™ Drum w/ Anchor Cable, 3/8" x 50' Inner Core Coupling Cable w/ RUST GUARD™ Plating, 1-1/2" Spade Bit, 1-1/2" C-Cutter, Medium Funnel, Medium Drop Head, Pin Key, (1) M18™ REDLITHIUM™ XC5.0 Battery Pack and M18™ and M12™ Multi-Voltage Charger



**M18 FUEL™ SWITCH PACK™**  
Sectional Drum Machine Kit with 1/2" Cable  
2775C-222

**Includes:** 2775-20 M18 FUEL™ SWITCH PACK™ Powered Base, (2) SWITCH PACK™ Drums w/ Anchor Cables, (2) 1/2" x 50' Inner Core Coupling Cables w/ RUST GUARD™ Plating, 1-1/2" Spade Bit, 1-1/2" C-Cutter, Medium Funnel, Medium Drop Head, Pin Key, (2) M18™ REDLITHIUM™ XC5.0 Battery Packs and M18™ and M12™ Multi-Voltage Charger



**M18 FUEL™ SWITCH PACK™**  
Sectional Drum Machine Kit with 5/8" Open Wind Cable  
2775E-211

**Includes:** 2775-20 M18 FUEL™ SWITCH PACK™ Powered Base, SWITCH PACK™ Drum w/ Anchor Cable, 5/8" x 50' Open Wind Coupling Cable w/ RUST GUARD™ Plating, 1-1/2" Spade Bit, 1-1/2" C-Cutter, Medium Funnel, Medium Drop Head, Pin Key, (1) M18™ REDLITHIUM™ XC5.0 Battery Pack and M18™ and M12™ Multi-Voltage Charger



**SWITCH PACK™ Drum**  
w/ Anchor Cable  
47-53-2775



**CABLE DRIVE™ Assembly**  
47-53-2774



**Mounting Plate**  
47-53-2773



**Guide Hose**  
47-53-2776



**M12™ AIRSNAKE™ DRAIN CLEANING AIR GUN**

**M12™ AIRSNAKE™ Drain Cleaning Air Gun Kit**  
 2572B-21

**Includes:** 2572B-20 M12™ AIRSNAKE™, (3) Drain Plug Attachments (1" – 2", 2" – 3", 3" – 4"), Drain Shroud Attachment, Toilet Seal Attachment, 10" Extension, (3) Straight Connectors, 15° Offset Connector, (1) M12™ REDLITHIUM™ CP2.0 Battery Pack, M12™ Charger and Carrying Case


**MX FUEL™ SEWER DRUM MACHINE**

**MX FUEL™ Sewer Drum Machine Kit for 5/8" – 3/4" Cables**  
 MXF500-1CP

**Includes:** MXF500-0 MX FUEL™ Sewer Drum Machine, (1) MX FUEL™ REDLITHIUM™ CP203 Battery Pack, MX FUEL™ Charger and 3/4" Anchor Cable


**MX FUEL™ Sewer Drum Machine w/ POWERTREDZ™ Kit for 5/8" – 3/4" Cables**  
 MXF501-1CP

**Includes:** MXF501-0 MX FUEL™ Sewer Drum Machine w/ POWERTREDZ™, (1) MX FUEL™ REDLITHIUM™ CP203 Battery Pack, MX FUEL™ Charger and 3/4" Anchor Cable


**Load Wheel**  
 47-53-5002

**Guide Hose**  
 47-53-5001


**Anchor Adapter for General® Machines**  
 48-53-3001

**Anchor Adapter for Ridgid® Machines**  
 48-53-3002

**Anchor Adapter for MX FUEL™ to Connect to Ridgid® Cable**  
 48-53-3003

**M18 FUEL™ SECTIONAL MACHINE**



**M18 FUEL™ Sectional Machine Kit for 5/8" & 7/8" Cables**  
2818-21

**Includes:** 2818-20 M18 FUEL™ Sectional Machine, Large Rear Guide Hose, Carry Strap, (1) M18™ REDLITHIUM™ HIGH OUTPUT™ HD12.0 Battery Pack and M18™ and M12™ Rapid Charger



**M18 FUEL™ Sectional Machine Kit with 7/8" Cable**  
2818A-21

**Includes:** 2818-20 M18 FUEL™ Sectional Machine, Large Rear Guide Hose, Medium Cable Container, (5) 7/8" x 15' All-Purpose Open Wind Cables, Carry Strap, 2" Opening Tool, 3" Opening Tool, 2" Root Cutter, 3" Root Cutter, Flexible Funnel Auger, Flexible Straight Auger, 3" Grease Cutter, Pin Key, Accessory Case, (1) M18™ REDLITHIUM™ HIGH OUTPUT™ HD12.0 Battery Pack and M18™ and M12™ Rapid Charger



**M18 FUEL™ Sectional Machine Kit with 5/8" Cable**  
2818B-21

**Includes:** 2818-20 M18 FUEL™ Sectional Machine, Small Rear Guide Hose, Small Cable Container, (6) 5/8" x 7-1/2' All-Purpose Open Wind Cables, Carry Strap, 1-1/4" Opening Tool, 1-1/2" Opening Tool, Drop Head Bulb Auger, Drop Head Straight Auger, Funnel Auger, Pin Key, Accessory Case, (1) M18™ REDLITHIUM™ HIGH OUTPUT™ HD12.0 Battery Pack and M18™ and M12™ Rapid Charger



**Small Rear Guide Hose**  
47-53-2874



**Large Rear Guide Hose**  
47-53-2873



**Small Cable Container**  
47-53-2869



**Medium Cable Container**  
47-53-2870



**Carry Strap**  
48-08-0555

**M18 FUEL™ SEWER SECTIONAL MACHINE**



**M18 FUEL™ Sewer Sectional Machine Kit w/ CABLE DRIVE™ for 7/8" & 1-1/4" Cables**  
2871-22

**Includes:** 2871-20 M18 FUEL™ Sewer Sectional Machine w/ CABLE DRIVE™, (2) M18™ REDLITHIUM™ HIGH OUTPUT™ HD12.0 Battery Packs, Rear Guide Hose and M18™ and M12™ Rapid Charger



**M18 FUEL™ Sewer Sectional Machine Kit w/ CABLE DRIVE™ with 1-1/4" Cable**  
2871A-22

**Includes:** 2871-20 M18 FUEL™ Sewer Sectional Machine w/ CABLE DRIVE™, (2) M18™ REDLITHIUM™ HIGH OUTPUT™ HD12.0 Battery Packs, Rear Guide Hose, (7) 1-1/4" x 15' All-Purpose Open Wind Cables, (2) Large Cable Containers, Straight Auger, Funnel Auger, 3" Opening Tool, 4" Opening Tool, 3" Grease Cutter, 3" Root Cutter, 4" Root Cutter, Pin Key, Accessory Case and M18™ and M12™ Rapid Charger



**Large Cable Container**  
47-53-2871



**Rear Guide Hose**  
47-53-2872



**M18 FUEL™ HIGH SPEED CHAIN SNAKE**

**M18 FUEL™ High Speed Chain Snake  
for 1-1/2" – 4" Pipes**  
2819-22

**Includes:** 2819-20 M18 FUEL™ High Speed Chain Snake for 1-1/2" – 4" Pipes, (2) M18™ REDLITHIUM™ HIGH OUTPUT™ HD12.0 Battery Packs, M18™ and M12™ Rapid Charger, 5/16" x 75' Chain Snake Cable, 1-1/2" – 4" Standard Chain Knockers, 250 mL Oil Bottle, Set Screw Tool and Chain Knocker Sheathing


**1-1/2" Standard Chain Knocker  
for 5/16" Chain Snake Cable**  
48-53-3020

**1-1/2" Carbide Chain Knocker  
for 5/16" Chain Snake Cable**  
48-53-3024

**Grease Penetrating Head  
for 5/16" Chain Snake Cable**  
48-53-3028

**2" Standard Chain Knocker  
for 5/16" Chain Snake Cable**  
48-53-3021

**2" Carbide Chain Knocker  
for 5/16" Chain Snake Cable**  
48-53-3025

**5/16" x 75'  
Chain Snake Cable**  
48-53-2819

**3" Standard Chain Knocker  
for 5/16" Chain Snake Cable**  
48-53-3022

**3" Carbide Chain Knocker  
for 5/16" Chain Snake Cable**  
48-53-3026

**4" Standard Chain Knocker  
for 5/16" Chain Snake Cable**  
48-53-3023

**4" Carbide Chain Knocker  
for 5/16" Chain Snake Cable**  
48-53-3027

**HEAD ATTACHMENTS**

Drop Head Straight Auger



**Used for All-Purpose Cleaning and to Retrieve Parts of the Blockages**

Drop Head Bulb Auger



**All-Purpose Cleaning and Retrieval of Lost Objects**

Funnel Head



**Retrieval of Lost Objects and Broken Cables**

Straight Auger



**Used to Retrieve Part of the Blockage**

Funnel Auger



**Retrieval of Lost Objects and Broken Cables**

Spade Bit



**Breaks Up and Clears Solid Blockages**

C-Cutter



**Scrapes Grease and Sludge From Pipe Walls**

Opening Tool



**Breaks Up Solid Blockages and Scales Down Build Up**

Grease Cutter



**Breaks Up Grease**

Root Cutter



**Cuts Through Roots**

Pin Key



**Release Interlocking Cable Connectors and Cable Head Attachments**

Head Attachment Case  
48-53-2839



**Store Cable Head Attachments**

**CABLE AND ACCESSORY MATRIX**

	LINE SIZE	CABLE DIAMETER	MODEL #	DESCRIPTION	COMPATIBLE WITH	HEAD ATTACHMENTS w/ RUST GUARD™ PLATING				
<b>AUGER CABLES</b>	1-1/4" – 2"	3/8"	48-53-2577	3/8" x 6' Bulb Head TRAPSSNAKE™ Urinal	TRAPSSNAKE™ 4' Urinal Auger 3574, 49-16-3574	N/A				
	2" – 4"	1/2"	48-53-2576	1/2" x 4' Bulb Head TRAPSSNAKE™ Toilet	TRAPSSNAKE™ 6' Toilet Auger 3576, 49-16-3576	N/A				
	1/2" – 2"	1/4"	48-53-2578	1/4" x 25' Drop Head Cable	TRAPSSNAKE™ 25' Auger w/ CABLE DRIVE™ 49-16-2573	N/A				
	1/2" – 2"	1/4"	48-53-2579	1/4" x 25' Bulb Head Cable	TRAPSSNAKE™ 25' Auger w/ CABLE DRIVE™ 49-16-2573	N/A				
<b>HANDHELD MACHINE CABLES</b>	1-1/4" – 2"	1/4"	48-53-2563	1/4" x 25' Inner Core Bulb Head w/ RUST GUARD™	M12™ Drain Snake – 2571 M18 FUEL™ Drain Snake w/ CABLE DRIVE™ – 2772	N/A				
			48-53-2564	1/4" x 25' Inner Core Drop Head w/ RUST GUARD™						
			48-53-2671	1/4" x 35' Inner Core Bulb Head w/ RUST GUARD™	M18 FUEL™ Drain Snake w/ CABLE DRIVE™ 2772					
			48-53-2672	1/4" x 50' Inner Core Bulb Head w/ RUST GUARD™						
	1-1/4" – 2-1/2"	5/16"	48-53-2561	5/16" x 25' Inner Core Bulb Head w/ RUST GUARD™	M12™ Drain Snake – 2571 M18 FUEL™ Drain Snake w/ CABLE DRIVE™ – 2772	N/A				
			48-53-2562	5/16" x 25' Inner Core Drop Head w/ RUST GUARD™						
			48-53-2673	5/16" x 35' Inner Core Bulb Head w/ RUST GUARD™	M18 FUEL™ Drain Snake w/ CABLE DRIVE™ – 2772					
			48-53-2674	5/16" x 50' Inner Core Bulb Head w/ RUST GUARD™						
	2" – 3"	3/8"	48-53-2676	3/8" x 25' Inner Core w/ RUST GUARD™	M18 FUEL™ Drain Snake w/ CABLE DRIVE™ 2772	48-53-2685	2" – 3" Head Attachment Kit	48-53-2681	Small Bulb Head	
			48-53-2675	3/8" x 35' Inner Core w/ RUST GUARD™				48-53-2682	Small Drop Head	
								48-53-2683	1" Spade Bit	
								48-53-2684	1" C-Cutter	
<b>DRUM MACHINE CABLES</b>	1-1/4" – 2"	5/16"	48-53-2772	5/16" x 75' Inner Core Drop Head w/ RUST GUARD™	M18 FUEL™ SWITCH PACK™ Sectional Drum Machine 2775	N/A				
	1-1/4" – 3"	5/8"	48-53-2775	5/8" x 50' Flexible Open Wind w/ RUST GUARD™	M18 FUEL™ SWITCH PACK™ Sectional Drum Machine 2775	48-53-2685	2" – 3" Head Attachment Kit	48-53-2681	Small Bulb Head	
								48-53-2682	Small Drop Head	
								48-53-2683	1" Spade Bit	
								48-53-2684	1" C-Cutter	
	1-1/2" – 3"	3/8"	48-53-2776	3/8" x 75' Inner Core Cable	M18™ Drum Machine 2817	48-53-2790	3" – 4" Head Attachment Kit	48-53-2786	Medium Funnel Head	
								48-53-2787	Medium Drop Head	
	1-1/2" – 3"	3/8"	48-53-2777	3/8" x 100' Inner Core Cable	M18 FUEL™ SWITCH PACK™ Sectional Drum Machine 2775	48-53-2790	3" – 4" Head Attachment Kit	48-53-2788	1-1/2" Spade Bit	
								48-53-2789	1-1/2" C-Cutter	
	2" – 3"	3/8"	48-53-2773	3/8" x 50' Inner Core w/ RUST GUARD™	M18 FUEL™ SWITCH PACK™ Sectional Drum Machine 2775	48-53-2790	3" – 4" 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	
3" – 4"	1/2"	48-53-2774	1/2" x 25' Inner Core w/ RUST GUARD™	M18 FUEL™ SWITCH PACK™ Sectional Drum Machine 2775	48-53-2790	3" – 4" 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		
3" – 4"	1/2"	48-53-2778	1/2" x 75' Inner Core Cable	M18™ Drum Machine 2817	48-53-2790	3" – 4" 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		

**CABLE AND ACCESSORY MATRIX**

	LINE SIZE	CABLE DIAMETER	MODEL #	DESCRIPTION	COMPATIBLE WITH	HEAD ATTACHMENTS w/ RUST GUARD™ PLATING					
<b>DRUM MACHINE CABLES CONT'D</b>	3" – 6"	5/8"	48-53-2325	5/8" x 25' Inner Core	MX FUEL™ Sewer Drum Machine MXF500	48-53-2840	3" – 8" Head Attachment Kit	48-53-2830	Straight Auger		
								48-53-2831	Funnel Auger		
								48-53-2832	3" Root Cutter		
			48-53-2350	5/8" x 50' Inner Core	MX FUEL™ Sewer Drum Machine w/ POWERTREDZ™ MXF501	48-53-2840	3" – 8" Head Attachment Kit	48-53-2833	4" Root Cutter		
			48-53-2310	5/8" x 100' Inner Core				48-53-2834	6" Root Cutter		
								48-53-2835	3" Opening Tool		
								48-53-2836	4" Opening Tool		
								48-53-2837	3" Grease Cutter		
								48-53-2838	4" Grease Cutter		
	<b>DRUM MACHINE CABLES CONT'D</b>	4" – 8"	3/4"	48-53-2425	3/4" x 25' Inner Core	MX FUEL™ Sewer Drum Machine MXF500	48-53-2840	3" – 8" Head Attachment Kit	48-53-2830	Straight Auger	
									48-53-2831	Funnel Auger	
									48-53-2832	3" Root Cutter	
			48-53-2450	3/4" x 50' Inner Core	MX FUEL™ Sewer Drum Machine w/ POWERTREDZ™ MXF501	48-53-2840	3" – 8" Head Attachment Kit	48-53-2833	4" Root Cutter		
			48-53-2410	3/4" x 100' Inner Core				48-53-2834	6" Root Cutter		
								48-53-2835	3" Opening Tool		
							48-53-2836	4" Opening Tool			
							48-53-2837	3" Grease Cutter			
							48-53-2838	4" Grease Cutter			
<b>SECTIONAL MACHINE CABLES</b>	1-1/4" – 2"	5/8"	48-53-2680	5/8" x 7-1/2' All-Purpose	M18 FUEL™ Sectional Machine 2818	48-53-3820	1-1/4" – 2" Head Attachment Kit	48-53-3811	Drop Head Bulb Auger		
								48-53-3812	Drop Head Straight Auger		
								48-53-3813	Funnel Auger		
								48-53-3814	Opening Tool		
								48-53-3815	1-1/2" Opening Tool		
	2" – 6"	7/8"	48-53-2852	7/8" x 15' All-Purpose	M18 FUEL™ Sectional Machine 2818	48-53-3839	2" – 4" Head Attachment Kit	48-53-3829	Flexible Straight Auger		
								48-53-3828	Flexible Funnel Auger		
								48-53-3827	2" Opening Tool		
								48-53-3835	3" Opening Tool		
								48-53-3825	2" Root Cutter		
								48-53-3832	3" Root Cutter		
								48-53-3837	3" Grease Cutter		
								48-53-3840	3" – 6" Head Attachment Kit	48-53-3830	Straight Auger
										48-53-3831	Funnel Auger
										48-53-3832	3" Root Cutter
										48-53-3833	4" Root Cutter
										48-53-3834	6" Root Cutter
										48-53-3835	3" Opening Tool
										48-53-3836	4" Opening Tool
	48-53-3837	3" Grease Cutter									
	48-53-4840	3" – 8" Head Attachment Kit	48-53-2851	1-1/4" x 15' All-Purpose	M18 FUEL™ Sewer Sectional Machine w/ CABLE DRIVE™ 2871	48-53-4840	3" – 8" Head Attachment Kit	48-53-4830	Straight Auger		
								48-53-4831	Funnel Auger		
								48-53-4832	3" Root Cutter		
								48-53-4833	4" Root Cutter		
48-53-4834								6" Root Cutter			
48-53-2854	1-1/4"	48-53-2854	1-1/4" x 15' Heavy Duty	M18 FUEL™ Sewer Sectional Machine w/ CABLE DRIVE™ 2871	48-53-4840	3" – 8" Head Attachment Kit	48-53-4835	3" Opening Tool			
							48-53-4836	4" Opening Tool			
							48-53-4837	3" Grease Cutter			
							48-53-4838	4" Grease Cutter			

**PIPELINE INSPECTION**

**M18™ 100' Flexible Modular Pipeline Inspection System Kit**  
 3972-22

**Includes:** 3972-20 100' Flexible Reel, (2) M18™ REDLITHIUM™ XC5.0 Battery Packs, M18™ 500 GB Control Hub, Tablet Mount, Barrel Skids, Grounding Stake, Lead Clamp, Carrying Strap and M18™ and M12™ Rapid Charger


**100' Flexible Modular Pipeline Inspection Reel**  
 3972-20

**Includes:** 3972-20 100' Flexible Reel, Barrel Skids and Carrying Strap


**M18™ 120' Mid-Stiff Modular Pipeline Inspection System Kit**  
 3973-22

**Includes:** 3973-20 120' Mid-Stiff Reel, (2) M18™ REDLITHIUM™ XC5.0 Battery Packs, M18™ 500 GB Control Hub, Tablet Mount, Small Camera Skid, (2) Star Skids, Medium Camera Skid, Grounding Stake, Lead Clamp and M18™ and M12™ Rapid Charger


**120' Mid-Stiff Modular Pipeline Inspection Reel**  
 3973-20

**Includes:** 3973-20 120' Mid-Stiff Reel, Small Camera Skid, (2) Star Skids and Medium Camera Skid


**M18™ 200' Mid-Stiff Modular Pipeline Inspection System Kit**  
 3975-22

**Includes:** 3975-20 200' Mid-Stiff Reel, (2) M18™ REDLITHIUM™ XC5.0 Battery Packs, M18™ 500 GB Control Hub, Tablet Mount, Small Camera Skid, (2) Star Skids, Medium Camera Skid, Grounding Stake, Lead Clamp and M18™ and M12™ Rapid Charger


**200' Mid-Stiff Modular Pipeline Inspection Reel**  
 3975-20

**Includes:** 3975-20 200' Mid-Stiff Reel, Small Camera Skid, (2) Star Skids and Medium Camera Skid

**CONTINUED PIPELINE INSPECTION**



**M18™ 200' Stiff Pipeline Inspection System Kit**  
3974-22

**Includes:** 3974-20 200' Stiff Reel, (2) M18™ REDLITHIUM™ XC5.0 Battery Packs, M18™ 500 GB Control Hub, Tablet Mount, Small Camera Skid, (2) Star Skids, Medium Camera Skid, Grounding Stake, Lead Clamp and M18™ and M12™ Rapid Charger



**200' Stiff Pipeline Inspection Reel**  
3974-20

**Includes:** 3974-20 200' Stiff Reel, Small Camera Skid, (2) Star Skids and Medium Camera Skid



**M18™ 325' Stiff Pipeline Inspection System Kit**  
3976-22

**Includes:** 2976-20 325' Stiff Reel, (2) M18™ REDLITHIUM™ XC5.0 Battery Packs, M18™ 500 GB Control Hub, Tablet Mount, Small Camera Skid, (2) Star Skids, Medium Camera Skid, Grounding Stake, Lead Clamp and M18™ and M12™ Rapid Charger



**325' Stiff Pipeline Inspection Reel**  
3976-20

**Includes:** 2976-20 325' Stiff Reel, Small Camera Skid, (2) Star Skids and Medium Camera Skid



**LOCATING**



**M18™ 500 GB Control Hub (Tool-Only)**  
2970-20

**Includes:** 2970-20 M18™ 500 GB Control Hub



**M18™ Wireless Monitor (Tool-Only)**  
2971-20

**Includes:** 2971-20 M18™ Wireless Monitor



**Tablet Mount**  
48-53-2970

**Includes:** Adhesive Metal Plate



**M12™ Pipeline Locator Kit**  
2580-21

**Includes:** 2580-20 M12™ Pipeline Locator, (1) M12™ REDLITHIUM™ CP1.5 Battery Pack, M12™ Charger and Carrying Case



# REDLITHIUM<sup>MC</sup>

## HIGH OUTPUT<sup>TM</sup>

**50%**  
**MORE POWER  
 & RUNS COOLER**  
 vs REDLITHIUM<sup>TM</sup>



**CP** Less weight and smaller size



**48-11-1820**  
 M18<sup>TM</sup> REDLITHIUM<sup>TM</sup>  
 CP2.0 Battery Pack



**HIGH OUTPUT**  
**48-11-1835**  
 M18<sup>TM</sup> REDLITHIUM<sup>TM</sup> HIGH  
 OUTPUT<sup>TM</sup> CP3.0 Battery Pack

**XC** More power and run-time, great performance for all demands



**48-11-1828** **48-11-1822**  
 M18<sup>TM</sup> REDLITHIUM<sup>TM</sup> 2PK  
 XC3.0 Battery Pack



**48-11-1840**  
 M18<sup>TM</sup> REDLITHIUM<sup>TM</sup>  
 XC4.0 Extended Capacity  
 Battery Pack



**48-11-1850R**  
 M18<sup>TM</sup> REDLITHIUM<sup>TM</sup> XC5.0  
 Resistant Battery



**48-11-1850** **48-11-1852**  
 M18<sup>TM</sup> REDLITHIUM<sup>TM</sup> 2PK  
 XC5.0 Battery Pack



**HIGH OUTPUT**  
**48-11-1865** **48-11-1862**  
 M18<sup>TM</sup> REDLITHIUM<sup>TM</sup> 2PK  
 HIGH OUTPUT<sup>TM</sup>  
 XC6.0 Battery Pack



**48-11-1880**  
 M18<sup>TM</sup> REDLITHIUM<sup>TM</sup>  
 HIGH OUTPUT<sup>TM</sup> XC8.0 Battery

**M18 REDLITHIUM FORGE**



**48-11-1861**  
 M18<sup>TM</sup> REDLITHIUM<sup>TM</sup>  
 FORGE<sup>TM</sup> XC6.0 Battery Pack



**48-11-1881**  
 M18<sup>TM</sup> REDLITHIUM<sup>TM</sup>  
 FORGE<sup>TM</sup> XC8.0 Battery Pack

**HD** Best performance for high demand applications



**M18 REDLITHIUM FORGE**

**48-11-1813**  
 M18<sup>TM</sup> REDLITHIUM<sup>TM</sup>  
 FORGE<sup>TM</sup> HD12.0 Battery Pack



### M18™ CHARGERS



**48-59-1815**  
M18™ Dual Bay Simultaneous Super Charger



**48-59-1810**  
M18™ / M12™ Vehicle Charger



**48-59-1809**  
M18™ PACKOUT™ Six Bay Rapid Charger  
(Batteries Sold Separately)



**48-59-1806**  
M18™ 6-Port Sequential Charger  
(Batteries Sold Separately)



**48-59-1802**  
M18™ Dual Bay Simultaneous Rapid Charger  
(Batteries Sold Separately)



**48-59-2012**  
USB Rechargeable Portable Power Source & Charger

### M18™ / M12™ CHARGERS



**48-59-1808**  
M18™ and M12™ Rapid Charger



**48-59-1807**  
M18™ and M12™ Rapid Charge Station  
(Batteries Sold Separately)

### PORTABLE POWER SOURCES



**3300R**  
ROLL-ON™ 7200W/3600W 2.5kWh Power Supply



**2845-20**  
M18™ CARRY-ON™ 3600W/1800W Power Supply



**2846-20**  
M18™ Top-Off™ 175w Power Supply

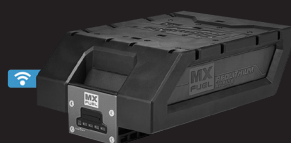


**MXF002**  
MX FUEL™ CARRY-ON™ 3600W/1800W Power Supply Kit

Milwaukee® is committed to improving productivity by providing performance-driven and trade-focused solutions so users can perform an entire day's work on one battery system. \*Due to the physical size increase of the M18™ REDLITHIUM™ HIGH OUTPUT™ HD12.0, it does not fit the following tools prior to a 6/1/2018 manufacturing date without applicable service part: 2787-20, 2788-20, 2771-20, 2122-20, 2130-20, 2135-20, 2361-20, 2145-20, 2146-20, 2360-20. Milwaukee® is committed to protecting end user's investments, offering FREE service upgrades for the listed products to any customer that purchases a HIGH OUTPUT™ HD12.0 battery pack (starting summer 2018 you will be able to visit eService to request your service upgrade).



**MXFCP203**  
MX FUEL™ REDLITHIUM™ CP203 Battery Pack



**MXFXC406**  
MX FUEL™ REDLITHIUM™ XC406 Battery Pack



**MXFXC608**  
MX FUEL™ REDLITHIUM™ FORGE™ XC8.0 Battery Pack



**MXFHD812**  
MX FUEL™ REDLITHIUM™ FORGE™ HD12.0 Battery Pack



**MXFSC-1HD12**  
MX FUEL™ REDLITHIUM™ FORGE™ HD12.0 Battery/Super Charger Expansion Kit



### MX FUEL™ CHARGERS

**MXFC**  
MX FUEL™ Charger



**MXFRC**  
MX FUEL™ Rapid Charger



**MXFSC**  
MX FUEL™ Super Charger



# UPGRADE. OUTWORK. OUTLAST.

UP TO  
**3X**  
MORE  
RUN-TIME

UP TO  
**20%**  
MORE  
POWER

OVER  
**2X**  
MORE  
LIFE



**REDLITHIUM**  
**CP3.0/XC6.0**

## M12 REDLITHIUM BATTERIES GUIDE



**CP** Less weight and smaller size

**XC** More power and run-time

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

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

**48-11-2430**  
M12™ REDLITHIUM™ CP3.0 Battery Pack

**48-11-2425**  
M12™ REDLITHIUM™ HIGH OUTPUT™ CP2.5 Battery

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

**48-11-2412**  
M12™ REDLITHIUM™ XC3.0 Battery 2PK

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

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

**48-11-2450**  
M12™ REDLITHIUM™ HIGH OUTPUT™ XC5.0 Battery Pack

**M12™ CORDLESS****M12 FUEL****3404-22**  
1/2" Hammer Drill/  
Driver Kit**M12 FUEL****3403-22**  
1/2" Drill/Driver Kit**M12 FUEL****3453-22**  
1/4" Hex Impact  
Driver Kit**M12 FUEL****2551-22**  
SURGE™ 1/4" Hex  
Hydraulic Driver Kit**M12 FUEL****2505-22**  
Installation Drill/  
Driver Kit**M12 FUEL****2455-20**  
Cordless No-Hub  
Driver - Tool Only**M12 FUEL****2465-20**  
3/8" Digital Torque Wrench  
w/ ONE-KEY™ - Tool Only**M12 FUEL****2466-20**  
1/2" Digital Torque Wrench  
w/ ONE-KEY™ - Tool Only**M12 FUEL****2566-22**  
1/4" High Speed  
Ratchet Kit**M12 FUEL****2567-22**  
3/8" High Speed  
Ratchet Kit**M12 FUEL****2558-22**  
1/2" Ratchet 2  
Battery Kit**M12 FUEL****2467-20**  
1/4" Hex Right Angle  
Impact Driver - Tool Only**M12 FUEL****2416-21XC**  
5/8" SDS  
Plus Rotary  
Hammer Kit**M12 FUEL****2520-21XC**  
HACKZALL®  
Recip Saw Kit**M12 FUEL****2476-20**  
16-Gauge Variable  
Speed Nibbler - Tool Only**M12**  
**2429-21XC**  
Cordless  
Sub-Compact  
Band Saw Kit**M12 FUEL****2529-21XC**  
Compact  
Band Saw Kit**M12****2479-20**  
Brushless 1-1/4"  
- 2" Copper Tubing  
Cutter - Tool Only**M12****2471-20**  
Copper Tubing  
Cutter - Tool Only**M12****2470-20**  
Plastic Pipe Shear  
- Tool Only**M12**  
**0820-20**  
Mounting Fan  
- Tool Only**M12 FUEL**  
**2482-20**  
1/2" X 18" Bandfile  
- Tool Only

**M12™ CORDLESS**

**M12 FUEL**

**2522-21XC**  
3" Compact  
Cut-Off Tool Kit



**M12**

**2475-20**  
Compact Inflator  
- Tool Only



**M12**

**2509-22**  
HAMMERCAC™ Universal  
Dust Extractor Kit



**M12 FUEL**

**2532-22**  
ProPEX® Expander  
Kit w/ 1/2"-1" RAPID  
SEAL™ ProPEX®  
Expander Heads



**M12**

**2579-20**  
Stick Transfer  
Pump - Tool Only



**M12 FUEL**

**0852-20**  
Compact Spot  
Blower - Tool Only



**M12**

**2488-21**  
Soldering Iron Kit



**M12**

**2132-20**  
ROCKET™ Dual Power  
Tower Light - Tool Only



**M12**

**2364-20**  
ROVER™ Mounting  
Flood Light -  
Tool Only



**M12**

**2126-20**  
Underbody  
Light  
- Tool Only



**M12**

**2367-20**  
ROVER™ Service and  
Repair Flood Light  
w/ USB Charging  
- Tool Only



**M12**

**2353-20**  
Spot Light - Tool Only



**M12**

**2362-20**  
Trouble Light w/ USB  
Charging - Tool Only



**M18™ CORDLESS****M18 FUEL****2808-22**  
HOLE HAWG® Right Angle  
Drill w/QUIK-LOK™ Kit**M18 FUEL****2811-22**  
SUPER HAWG™ Right Angle  
Drill w/ QUIK-LOK™ Kit**M18 FUEL****2903-22**  
1/2" Drill/Driver Kit**M18 FUEL****2904-22**  
1/2" Hammer  
Drill/Driver Kit**M18 FUEL****2906-20**  
1/2" Hammer Drill/Driver  
w/ ONE-KEY™ Kit**M18 FUEL****2953-22**  
1/4" Hex Impact  
Driver Kit**M18 FUEL****2957-20**  
1/4" Hex Impact Driver w/  
ONE-KEY™ - Tool Only**M18 FUEL****2760-22**  
SURGE™ 1/4" Hex  
Hydraulic Driver Kit**M18 FUEL****2854-22**  
3/8" Compact  
Impact Wrench w/  
Friction Ring Kit**M18 FUEL****3061-20**  
1/2" Controlled Torque  
Compact Impact Wrench w/  
TORQUE-SENSE™ - Tool Only**M18 FUEL****3062-20**  
1/2" Controlled Mid-Torque  
Impact Wrench w/  
TORQUE-SENSE™ - Tool Only**M18 FUEL****2962-22**  
1/2" Mid-Torque  
Impact Wrench w/  
Friction Ring Kit**M18 FUEL****2967-22**  
1/2" High Torque  
Impact Wrench w/  
Friction Ring Kit**M18 FUEL****2863-22**  
1/2" High Torque  
Impact Wrench w/  
Friction Ring w/  
ONE-KEY™ Kit**M18 FUEL****2864-22**  
3/4" High Torque  
Impact Wrench w/  
Friction Ring w/  
ONE-KEY™ Kit**M18 FUEL****2867-22**  
1" High Torque  
Impact Wrench w/  
ONE-KEY™ Kit**M18 FUEL****2868-22HD**  
1" D-Handle High  
Torque Impact Wrench  
w/ ONE-KEY™ Kit**M18 FUEL****2914-22DE**  
1" SDS Plus  
Rotary Hammer  
w/ ONE-KEY™  
Dust Extractor Kit**M18 FUEL****2915-22DE**  
1-1/8" SDS Plus Rotary  
Hammer w/ ONE-KEY™ &  
HAMMERVAC™ Dedicated  
Dust Extractor Kit**M18 FUEL****3311-22**  
Overhead Rotary  
Hammer w/  
Integrated Dust  
Extraction Kit**M18 FUEL****2718-22HD**  
1-3/4" SDS MAX  
Rotary Hammer Kit  
w/ (2) 12.0 Battery**M18 FUEL****2880-20**  
4-1/2" / 5" Braking  
Grinder Paddle  
Switch, No-Lock  
- Tool Only**M18 FUEL****3670-20**  
4-1/2"-6" Braking  
Grinder, Paddle  
Switch - Tool Only**M18 FUEL****2984-20**  
Variable Speed,  
Braking Die Grinder,  
Paddle Switch w/  
ONE-KEY™ - Tool Only

**M18™ CORDLESS**

**M18 FUEL**



**2986-20**  
4-1/2" / 5" Dual-Trigger Braking Grinder - Tool Only

**M18 FUEL**



**2829-22**  
Compact Band Saw Kit

**M18 FUEL**



**2829S-22**  
Compact Dual-Trigger Band Saw Kit  
**2829S-20**  
Tool-Only

**M18 FUEL**



**2929-22**  
Deep Cut Band Saw Kit  
**2929-20**  
Tool Only

**M18 FUEL**



**2929S-20**  
Deep Cut Dual Trigger Band Saw w/ ONE-KEY™

**M18 FUEL**



**2982-20**  
8" Metal Cutting Circular Saw - Tool Only

**M18 FUEL**



**2782-20**  
Metal Cutting Circular Saw - Tool Only

**M18**



**2933-21**  
FORCE LOGIC™ Single Channel Strut Shear Kit

**M18**



**2872-20**  
Brushless Threaded Rod Cutter - Tool Only

**M18**



**2983-22HD**  
Compact 1-Ton Chain Hoist w/ ONE-KEY™ Kit

**M18 FUEL**



**2874-22HD**  
Pipe Threader w/ ONE-KEY™ Kit

**M18 FUEL**



**2870-22**  
Compact Pipe Threader w/ ONE-KEY™ w/ 1/2" - 1-1/4" Compact NPT Forged Aluminum Die Heads Kit

**COMING SOON!**

**M18 FUEL**



**2927-22**  
RINGER™ Roll Groover Kit

**COMING SOON!**

**M18 FUEL**



**2928-22**  
RINGER™ Roll Groover

**M18 FUEL**



**2660-20**  
1/4" Blind Rivet Tool w/ ONE-KEY™ - Tool Only

**M18**



**2635-20**  
18-Gauge Double Cut Shear - Tool Only

**M18**



**2636-20**  
14-Gauge Double Cut Shear - Tool Only

**M18 FUEL**



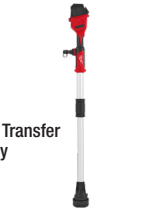
**2941-21**  
5 CFM Vacuum Pump Kit

**M18**



**2771-20**  
Transfer Pump - Tool Only

**M18**



**2940-20**  
Brushless Stick Transfer Pump - Tool Only

**M18 FUEL**



**2821-21**  
SAWZALL® Recip Saw - 1 Battery XC5.0 Kit

**M18 FUEL**



**2722-21**  
SUPER SAWZALL® Reciprocating Saw Kit

**M18 FUEL**



**2719-21**  
HACKZALL® Kit

**M18 FUEL**



**2932-22XC**  
2" ProPEX® Expander Kit w/ ONE-KEY™ w/ 1 1/4"-2" Expander Heads

**M18**



**2633-22HD**  
FORCE LOGIC™ 2"-3" ProPEX® Expansion Tool Kit

**M18 FUEL**



**2836-20**  
Oscillating Multi-Tool - Tool Only

**M18 FUEL**



**3476-20**  
10 Gauge Nibbler - Tool Only

**M18**



**2688-20**  
Compact Heat Gun - Tool Only

**M18**



**2845-20**  
CARRY-ON™ 3600W/1800W Power Supply - Tool Only



**M18™ CORDLESS****M18****2357-20**  
PACKOUT™ Light/  
Charger - Tool Only**M18****2366-20**  
ROVER™ Dual Power  
Flood Light - Tool Only**M18****2361-20**  
ROVER™ Flood  
Light - Tool Only**M18****2358-20**  
ROVER™ Clamping  
Flood Light - Tool Only**M18****2363-20**  
Trouble Light w/ USB  
Charging - Tool Only**M18****2131-20**  
ROCKET™ Dual Power  
Tower Light - Tool Only**M18****2136-20**  
ROCKET™ Tower Light/  
Charger - Tool Only**M18****2120-20**  
ROCKET™ Dual  
Pack Tower Light  
w/ ONE-KEY™ - Tool Only**M18****2145-20**  
RADIUS™  
Compact Site  
Light - Tool Only**M18****2146-20**  
RADIUS™ Compact  
Site Light w/  
ONE-KEY™ - Tool Only**M18****2144-20**  
RADIUS™ Compact  
Site Light w/ Flood  
Mode - Tool Only**M18****2151-20**  
RADIUS™ Site  
Light - Tool Only**M18****2150-20**  
RADIUS™ Site  
Light/Charger w/  
ONE-KEY™ - Tool Only**M18****2354-20**  
Search Light  
- Tool Only**M18****2352-20**  
Stick Light - Tool Only**M18****2368-20**  
ROVER™ Dual  
Power Triple-Panel  
Flood & Area Light  
- Tool Only**M18****2359-20**  
ROVER™ Compact  
Folding Flood Light w/  
USB Charging - Tool Only**M18****2129-20**  
Magnetic Extendable  
Boom Light - Tool Only**M18****2735-20**  
Work Light  
- Tool Only**M18****2792-20**  
Jobsite  
Radio/Charger  
- Tool Only**M18****2820-21WS**  
SWITCH TANK™  
4-Gallon Backpack  
Water Supply Kit**M18****0821-20**  
Brushless 18"  
Fan - Tool Only**M18****0818-20**  
Brushless  
PACKOUT™ Fan**M18****2954-20**  
Bluetooth®  
Jobsite Speaker**M18****2950-20**  
PACKOUT™ Radio +  
Charger - Tool Only**M18****0884-20**  
Compact Blower  
- Tool Only

**VACUUMS & ACCESSORIES**

**M18**  
**0880-20**  
2-Gallon Wet/Dry  
Vacuum - Tool Only



**M12 FUEL**  
**0960-20**  
1.6 Gallon Wet/Dry  
Vacuum - Tool Only



**M18 FUEL**  
**0970-20**  
PACKOUT™ 2.5-Gallon  
Wet/Dry Vacuum  
- Tool Only



**M18 FUEL**  
**0888-20**  
PACKOUT™ 9  
Gallon Dual-Battery  
Dust Extractor w/  
VACLINK™ - Tool Only


**VACUUM ACCESSORIES**

Part No.	Description
49-90-2022	AIR-TIP™ Dust Collector
49-90-2037	AIR-TIP™ Long Reach Flexible Micro Hose Set
0980-20	M12™ AIR-TIP™ Utility Nozzle
49-90-1900	HEPA Filter
49-90-1977	Large Wet/Dry Vacuum HEPA Filter
49-90-1978	Large Wet/Dry Vacuum High Efficiency Filter
49-90-1979	Fleece Dust Bags (5PK) - 6-Gallon
49-90-1980	1-7/8" Dust Extraction Adaptor Kit
49-90-1983	1-7/8" Curved Nozzle
49-90-1988	1-7/8" Crevice Tool
49-90-1989	Fleece Dust Bags (5PK) - 9-Gallon
49-90-1990	Large Wet / Dry Vacuum Foam Wet Filter
49-90-1996	1-7/8" X 9' flexible hose
49-90-2015	Foam Wet Filter
49-90-2016	3PK Fleece Dust Bags
49-90-2021	AIR-TIP™ Rotating Corner Brush Tool
49-90-2023	AIR-TIP™ 3in1 Crevice and Brush Tool
49-90-2026	AIR-TIP™ 4in1 Right Angle Cleaning Tool
49-90-2028	AIR-TIP™ 2in1 Utility Brush Tool
49-90-2030	AIR-TIP™ Flexible Long Reach Crevice Tool
49-90-2031	AIR-TIP™ Pivoting Extension Wand
49-90-2032	AIR-TIP™ Magnetic Utility Nozzle

# M18 FUEL

## 6, 9 & 12-GALLON WET/DRY VACUUMS

**6**  
GALLON



**M18 FUEL**  
**0910-20**  
6-Gallon Wet/Dry  
Vacuum - Tool Only

**9**  
GALLON



**M18 FUEL**  
**0920-22HD**  
9-Gallon Dual-Battery  
Wet/Dry Vacuum Kit

**2**  
BATTERIES  
REQUIRED  
& INCLUDED

**12**  
GALLON



**M18 FUEL**  
**0930-22HD**  
12-Gallon Dual-Battery  
Wet/Dry Vacuum Kit

**2**  
BATTERIES  
REQUIRED  
& INCLUDED

# AIR-TIP™

## TRADE FOCUSED VACUUM ACCESSORIES

**49-90-2022**  
AIR-TIP™ Dust  
Collector



**49-90-2037**  
AIR-TIP™ Long  
Reach Flexible  
Micro Hose Set



**49-90-2026**  
AIR-TIP™ 4in1  
Right  
Angle Cleaning Tool



**49-90-2032**  
AIR-TIP™ Magnetic  
Utility Nozzle



**M12™ GREEN LASERS**



**M12**  
**3632-21**  
Green Laser Kit –  
360° 3-Plane



**M12**  
**3624-21**  
Green Cross Line &  
4-Points Laser Kit  
**3624-20**  
Tool Only



**M12**  
**3622-21**  
Green Laser – Cross  
Line & Plumb Points Kit  
**3622-20**  
Tool Only



**3522-21**  
USB Rechargeable Green  
Laser – Cross Line &  
Plumb Points



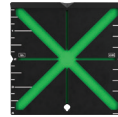
**3521-21**  
USB Rechargeable  
Green Laser –  
Cross Line



**3510-21**  
USB Rechargeable  
Green Laser –  
3-Point



**3421**  
Green Cross Line  
Laser



**48-35-1111**  
Responsive Laser  
Alignment Target



**48-35-1311**  
360° Laser Bracket



**48-35-1313**  
Laser Track Clip



**48-35-1411**  
72" Laser Tripod



**48-35-1314**  
Wireless Laser  
Alignment Base w/  
Remote

**M18™ ROTARY LASERS**



**M18**  
**3704-21**  
Red Exterior Dual  
Slope Rotary Laser  
Level



**M18**  
**3701-21**  
Red Exterior Rotary  
Laser Level Kit w/  
Receiver



**M18**  
**3702-21**  
Green Interior Rotary  
Laser Level Kit w/  
Remote/Receiver &  
Wall Mount Bracket



**MX FUEL™ TOOLS**



**MX FUEL**  
**MXF512-2XC**  
 Pipe Threading Machine Kit

**MX FUEL**  
**MXF315-2XC**  
 14" Cut-Off Saw w/ RAPIDSTOP™ Kit

**MX FUEL**  
**MXF302-2HD**  
 Core Rig w/ Stand Kit

**MX FUEL**  
**MXF301-2CXS**  
 Handheld Core Drill Kit w/ Stand

**MX FUEL**  
**MXF301-2CP**  
 Handheld Core Drill Kit

**MX FUEL**  
**MXF368-1XC**  
 Breaker Kit

**MX FUEL**  
**MXF041-1XC**  
 ROCKET™ Tower Light/Charger

**MX FUEL**  
**MXF040-1XC**  
 ROCKET™ Dual Power Compact Tower Light

**MX FUEL**  
**MXF501-1CP**  
 Sewer Drum Machine w/ POWERTREDZ™ for 5/8" - 3/4" Cable Kit

**MX FUEL**  
**MXF010-0**  
 Portable Battery Extension

**MX FUEL**  
**MXF220-2HD**  
 20" Plate Compactor Kit

**COMING SOON!**

**MX FUEL**  
**MXF270-2HD**  
 70kg Rammer Kit

**MX FUEL**  
**MXF211-1XC**  
 1 HP 2" Submersible Pump Kit

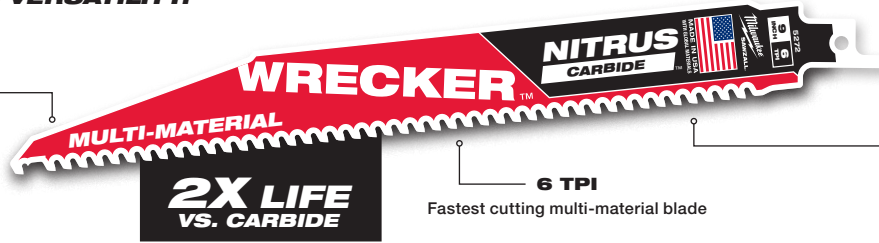
# WRECKER™

TACKLE ANYTHING

## WRECKER™ w/ NITRUS CARBIDE™ SAWZALL® BLADES

**UNMATCHED LIFE.**  
SUPERIOR CUTTING VERSATILITY.

**FANG TIP™**  
For the fastest plunge cuts  
in woods and abrasives



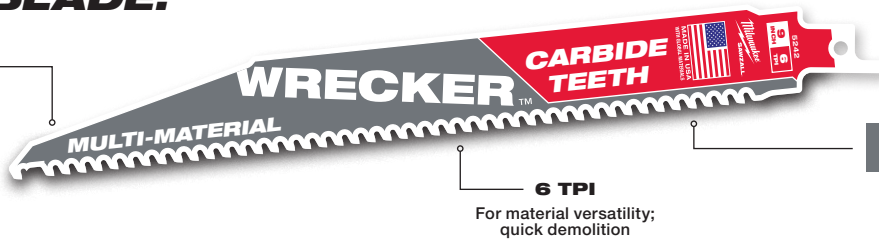
Delivers the fastest cutting  
and longest life

TPI	Length	Material	1 Pack	3 Pack	5 Pack
6	6"		48-00-5271	48-00-5371	48-00-5571
6	9"		48-00-5272	48-00-5372	48-00-5572
6	12"		48-00-5273	48-00-5373	48-00-5573

## WRECKER™ w/ CARBIDE TEETH SAWZALL® BLADES

**THE MOST VERSATILE  
CARBIDE BLADE.**

**FANG TIP™**  
For rapid plunge cutting



Cut longer. Cut more. Cut faster.

TPI	Length	Material	1 Pack	3 Pack	5 Pack
6	6"		48-00-5241	48-00-5341	48-00-5541
6	9"		48-00-5242	48-00-5342	48-00-5542
6	12"		48-00-5243	48-00-5343	48-00-5543

**WRECKER™ BI-METAL SAWZALL® BLADES**

**BLADE PROFILE**  
For fast plunging



**TOOTH PROTECTION**  
For greater durability

**7/11 TPI**  
For best bi-metal versatility to cut woods, metals and plastics

**5X LIFE**

TPI	Length	Material	5 Pack	10 Pack	25 Pack	10 Pack (Bulk)	25 Pack (Bulk)	100 Pack (Bulk)
7/11	6"		48-00-5701	–	48-00-8701	–	48-01-2701	48-01-7701
7/11	9"		48-00-5706	48-00-1706	48-00-8706	48-01-2702	48-01-2706	48-01-7706
7/11	12"		48-00-5711	–	48-00-8711	–	48-01-2711	48-01-7711

**STANDARD MULTI-MATERIAL SAWZALL® BLADES**


**VARIABLE TPI**  
For greater material versatility to cut woods, metals and plastics

**THIN BLADE**  
For fast, straight cuts

**3X LIFE**

TPI	Length	Material	5 Pack	25 Pack	50 Pack	10 Pack (Bulk)	25 Pack (Bulk)	100 Pack (Bulk)
8/12	6"		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"		48-00-5094	–	48-01-6094	–	48-01-2094	–
10/14	8"		48-00-5193	–	–	–	–	–
10/14	12"		48-00-5194	–	–	–	–	–

# TORCH™

## FOR MEDIUM & THIN METALS

### THE TORCH™ w/ NITRUS CARBIDE™ SAWZALL® BLADES FOR THICK METAL

**3X LONGER LIFE IN  
CAST IRON**

**OPTIMIZED TOOTH  
GEOMETRY**  
For clean, square cuts



**2X LIFE  
VS. CARBIDE**

**10 TPI**  
For smooth, fast cuts in metal

**TORCH™**  
NITRUS CARBIDE  
Delivers the fastest cutting  
and longest life

TPI	Length	Material	1 Pack	3 Pack	5 Pack
8	6"		48-00-5261	48-00-5361	48-00-5561
8	9"		48-00-5262	48-00-5362	48-00-5562
8	12"		48-00-5263	48-00-5363	48-00-5563

### TORCH™ w/ NITRUS CARBIDE™ SAWZALL® BLADES FOR MEDIUM METALS

**UNMATCHED LIFE  
IN CONDUIT & STRUT.**

**OPTIMIZED TOOTH  
GEOMETRY**  
For clean, square cuts



**2X LIFE  
VS. CARBIDE**

**10 TPI**  
For smooth, fast cuts in metal

**TORCH™**  
NITRUS CARBIDE  
Delivers the fastest cutting  
and longest life

TPI	Length	Material	1 Pack	3 Pack	5 Pack
10	6"		48-00-6251	48-00-6351	48-00-6551
10	9"		48-00-6252	48-00-6352	48-00-6552
10	12"		48-00-6253	48-00-6353	48-00-6553

### TORCH™ w/ CARBIDE TEETH SAWZALL® BLADES FOR MEDIUM METALS

**LONG LIFE,  
SMOOTH CUTS  
IN CONDUIT & STRUT.**

**70% LARGER GULLETS**  
For easy chip ejection



**10 TPI**  
For smooth, fast cuts in metal

**CARBIDE TEETH**  
Cut longer. Cut more. Cut faster.

TPI	Length	Material	1 Pack	3 Pack	5 Pack
10	6"		48-00-5251	48-00-5351	48-00-5551
10	9"		48-00-5252	48-00-5352	48-00-5552
10	12"		48-00-5253	48-00-5353	48-00-5553



## TORCH™ BI-METAL SAWZALL® BLADES

**GRID IRON™  
HONEYCOMB PATTERN**  
Increases blade rigidity to resist  
blade bucking



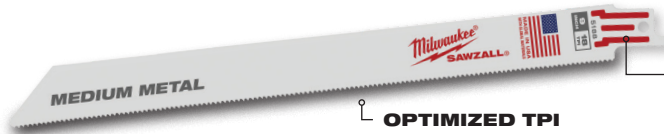
**OPTIMIZED TPI**  
Provides widest range of blades for  
metal cutting applications

**TOUGH NECK™ RIBS**  
Strengthens the blade tang and  
minimizes breakage

### 5X LIFE

TPI	Length	Material	5 Pack	10 Pack	25 Pack	10 Pack (Bulk)	25 Pack (Bulk)	100 Pack (Bulk)
14	6"		48-00-5782	-	48-00-8782	48-01-2762	48-01-2782	48-01-7782
14	9"		48-00-5787	-	48-00-8787	48-01-2767	48-01-2787	48-01-7787
14	12"		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	48-00-1788	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"		48-00-5786	-	-	-	-	-
24	9"		48-00-5790	-	-	-	-	-
24	12"		48-00-5791	-	-	-	-	-

## STANDARD METAL CUTTING SAWZALL® BLADES



**OPTIMIZED TPI**  
Provides widest range of blades for  
metal cutting applications

**TOUGH NECK™ RIBS**  
Strengthens the blade tang and  
minimizes breakage

### 3X LIFE

TPI	Length	Material	5 Pack	25 Pack	50 Pack	10 Pack (Bulk)	25 Pack (Bulk)	100 Pack (Bulk)
14	4"		48-00-5181	-	-	-	-	-
14	6"		48-00-5182	48-00-8182	48-01-6182	48-01-2162	48-01-2182	48-01-7182
14	9"		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"		48-00-5185	-	-	-	-	-
24	6"		48-00-5186	48-00-8186	48-01-6186	-	48-01-2186	48-01-7186

## BAND SAW BLADES

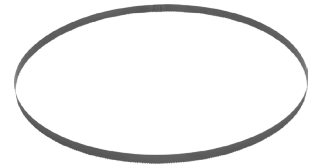
### EXTREME METAL BAND SAW BLADES

TPI	44-7/8"			35-3/8"			27"		
	3 Pack	25 Pack	100 Pack	3 Pack	25 Pack	100 Pack	3 Pack	25 Pack	100 Pack
8/10	48-39-0601	48-39-0605	48-39-0603	48-39-0609	48-39-0606	48-39-0653	-	-	-
12/14	48-39-0611	48-39-0615	48-39-0613	48-39-0619	48-39-0616	48-39-0663	48-39-0711	-	-



### STANDARD BAND SAW BLADES

TPI	44-7/8"			35-3/8"		32-7/8"	27"
	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	-	-	-	-
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	-	-



### COMPACT BAND SAW BLADES

TPI	30-9/16"		
	3 Pack	25 Pack	100 Pack
12/14	48-39-0631	48-39-0636	48-39-0639
8/10	48-39-0630	48-39-0635	48-39-0637

## DIE HEADS

### DIE HEADS

Description	Includes	Part No.
	1/2" HIGH SPEED NPT Portable Pipe Threading Forged Aluminum Die Head (48-36-1007) (1) 3/4" HIGH SPEED NPT Portable Pipe Threading Forged Aluminum Die Head (48-36-1008) (1) 1" HIGH SPEED NPT Portable Pipe Threading Forged Aluminum Die Head (48-36-1009) (1) 1-1/4" HIGH SPEED NPT Portable Pipe Threading Forged Aluminum Die Head (48-36-1010) (1) 1-1/2" HIGH SPEED NPT Portable Pipe Threading Forged Aluminum Die Head (48-36-1011) (1) 2" HIGH SPEED NPT Portable Pipe Threading Forged Aluminum Die Head (48-36-1012)	48-36-1063

### DIE HEADS

Description	Includes	Part No.
	1/2" HIGH SPEED NPT Portable Pipe Threading Forged Aluminum Die Head (48-36-1007) (1) 3/4" HIGH SPEED NPT Portable Pipe Threading Forged Aluminum Die Head (48-36-1008) (1) 1" HIGH SPEED NPT Portable Pipe Threading Forged Aluminum Die Head (48-36-1009) (1) 1-1/4" HIGH SPEED NPT Portable Pipe Threading Forged Aluminum Die Head (48-36-1010) (1) 1-1/2" HIGH SPEED NPT Portable Pipe Threading Forged Aluminum Die Head (48-36-1011) (1) 2" HIGH SPEED NPT Portable Pipe Threading Forged Aluminum Die Head (48-36-1012)	48-36-1060

INDIVIDUAL DIES AND HEADS AVAILABLE - SEE [milwaukee.com](http://milwaukee.com) FOR FULL LISTING

## ANNULAR CUTTERS

### TUNGSTEN CARBIDE TIPPED ANNULAR CUTTER SETS

Description	Cutting Depth	Shank	Includes	Part No.
	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
	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) Retractable Pilot Pin (9/16" - 11/16") (1) Retractable Pilot Pin (3/4" - 2-1/4")	49-22-8440



**SHEET METAL CARBIDE HOLE CUTTER KITS**

Description	Includes	Material	Part No.
5PC 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		49-22-8300
7PC 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		49-22-8310


**ONE-PIECE CARBIDE HOLE CUTTER KITS**

Description	Includes	Material	Part No.
One-Piece Carbide Hole Cutter Kit: 4PC	(1) 7/8" One-Piece Carbide Hole Cutter (49-57-8609) (1) 1-1/8" One-Piece Carbide Hole Cutter (49-57-8615) (1) 1-3/8" One-Piece Carbide Hole Cutter (49-57-8623) (1) Carbide Hole Cutter Pilot Bit (49-57-8660)		49-22-8610
One-Piece Carbide Hot Cutter Kit: 8PC	(1) 7/8" One-Piece Carbide Hole Cutter (49-57-8609) (1) 1-1/8" One-Piece Carbide Hole Cutter (49-57-8615) (1) 1-3/8" One-Piece Carbide Hole Cutter (49-57-8623) (1) 1-3/4" One-Piece Carbide Hole Cutter (49-57-8629) (1) 2" One-Piece Carbide Hole Cutter (49-57-8631) (1) 2-1/2" One-Piece Carbide Cutter (49-57-8639) (2) Carbide Hole Cutter Pilot Bit (49-57-8660)		49-22-8620

**HOLE SAWS**
**HOLE DOZER™ PLUMBER'S BI-METAL HOLE SAW KITS**

Description	Includes	Part No.
 12PC HOLE DOZER™ Plumber's Hole Saw Kit	(1) Small Thread Arbor, 3/8" Shank (2) High Speed Steel Pilot Bit 1/4" x 3-1/2" (1) Large Thread Quick Change Arbor, 7/16" Shank (1) 3/4" HOLE DOZER™ Bi-Metal Hole Saw (1) 7/8" HOLE DOZER™ Bi-Metal Hole Saw (1) 1-1/8" HOLE DOZER™ Bi-Metal Hole Saw (1) 1-1/2" HOLE DOZER™ Bi-Metal Hole Saw (1) 1-3/4" HOLE DOZER™ Bi-Metal Hole Saw (1) 2-1/8" HOLE DOZER™ Bi-Metal Hole Saw (1) 2-1/4" HOLE DOZER™ Bi-Metal Hole Saw (1) 2-5/8" HOLE DOZER™ Bi-Metal Hole Saw	49-22-4143
 16PC HOLE DOZER™ Plumber's Hole Saw Kit	(1) 3/4" HOLE DOZER™ Bi-Metal Hole Saw (1) 7/8" HOLE DOZER™ Bi-Metal Hole Saw (1) 1-1/8" HOLE DOZER™ Bi-Metal Hole Saw (1) 1-1/2" HOLE DOZER™ Bi-Metal Hole Saw (1) 1-3/4" HOLE DOZER™ Bi-Metal Hole Saw (1) 2-1/4" HOLE DOZER™ Bi-Metal Hole Saw (1) 2-5/8" HOLE DOZER™ Bi-Metal Hole Saw (1) 3" HOLE DOZER™ Bi-Metal Hole Saw (1) 3-5/8" HOLE DOZER™ Bi-Metal Hole Saw (1) 4" HOLE DOZER™ Bi-Metal Hole Saw (1) 4-1/4" HOLE DOZER™ Bi-Metal Hole Saw (1) 4-5/8" HOLE DOZER™ Bi-Metal Hole Saw (1) Small Thread Arbor, 3/8" Shank (1) Large Thread Quick Change Arbor, 7/16" Shank (1) High Speed Steel Pilot Bit 1/4" x 3-1/2" (1) Hex Key	49-22-4156



## HOLE SAWS

### HOLE DOZER™ w/ CARBIDE TEETH HOLE SAWS

Description	Part No.
1-1/2" HOLE DOZER™ w/ Carbide Teeth Hole Saw	49-56-0713
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
3-5/8" HOLE DOZER™ w/ Carbide Teeth Hole Saw	49-56-0739
4" HOLE DOZER™ w/ Carbide Teeth Hole Saw	49-56-0742
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
5" HOLE DOZER™ w/ Carbide Teeth Hole Saw	49-56-0748
6" HOLE DOZER™ w/ Carbide Teeth Hole Saw	49-56-0749




### HOLE DOZER™ w/ CARBIDE TEETH HOLE SAW KITS

Description	Includes	Part No.
 <p>9PC HOLE DOZER™ w/ Carbide Teeth Hole Saw Kit</p>	(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" THUNDERBOLT® High Speed Steel Pilot Bit (1) Hex Key	49-22-3079
 <p>12PC HOLE DOZER™ w/ Carbide Teeth Hole Saw Kit</p>	(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" THUNDERBOLT® High Speed Steel Pilot Bit (1) Hex Key	49-22-3090




### BIG HAWG™ w/ CARBIDE TEETH HOLE SAW KIT

Description	Includes	Part No.
 <p>10PC BIG HAWG™ w/ Carbide Teeth Hole Saw Kit</p>	(1) 2-1/8" BIG HAWG™ w/ Carbide Teeth(49-56-9210) (1) 2-1/4" BIG HAWG™ w/ Carbide Teeth(49-56-9215) (1) 2-9/16" BIG HAWG™ w/ Carbide Teeth(49-56-9220) (1) 3" BIG HAWG™ w/ Carbide Teeth(49-56-9230) (1) 3-5/8" BIG HAWG™ w/ Carbide Teeth(49-56-9240) (1) 4-1/4" BIG HAWG™ w/ Carbide Teeth(49-56-9255) (2) BIG HAWG™ w/ Carbide Teeth Pilot Bit(49-56-9300) (1) BIG HAWG™ w/ Carbide Teeth Arbor(49-56-9305) (1) BIG HAWG™ w/ Carbide Teeth Diamond File(48-09-5055)	49-56-9290



### SHOCKWAVE IMPACT DUTY™ HOLE SAW KIT

Description	Includes	Part No.
 <p>3PC SHOCKWAVE IMPACT DUTY™ Hole Saw Kit</p>	(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



## METAL CUTTING CIRCULAR SAW BLADES

### 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
7-1/4"	48	Metal	2°	0.071"	5/8"	48-40-4235
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
10"	50	Metal	0°	0.079"	5/8"	48-40-4260
12"	60	Metal	0°	0.087"	1"	48-40-4265
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
7-1/4"	56	Aluminum	-6°	0.079"	5/8"	48-40-4335
8"	58	Aluminum	-6°	0.094"	5/8"	48-40-4345
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


**CARBIDE TEETH**

## MULTI-TOOL BLADES

### NITRUS CARBIDE™ EXTREME METAL BLADES

Description	1 PACK	2 PACK	3 PACK
NITRUS CARBIDE™ Extreme Metal Universal Fit OPEN-LOK™ Multi-Tool Blade	49-25-1561	49-25-1563	49-25-1565



### NITRUS CARBIDE™ EXTREME MATERIALS BLADES

Description	1 PACK	3 PACK	5 PACK
NITRUS CARBIDE™ Extreme Materials Universal Fit OPEN-LOK™ Multi-Tool Blade	49-25-1571	49-25-1573	49-25-1575




### OPEN-LOK™ MULTI-TOOL BLADES

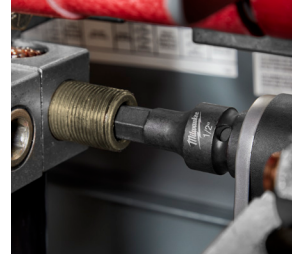
Description	Part No.
OPEN-LOK™ 1-3/8" Titanium Enhanced Bi-Metal Multi-Material Blades 3PK	49-25-1233
OPEN-LOK™ 1-3/8" Titanium Enhanced Carbide Teeth Multi-Material Blade 1PK	49-25-1521
OPEN-LOK™ 1-3/8" Titanium Enhanced Bi-Metal Multi-Material Blades 10PK	49-25-1239

Description	Part No.
3PC OPEN-LOK™ All Purpose Multi-Tool Blade Variety Pack	49-10-9001
3PC OPEN-LOK™ Multi-Material Cutting Multi-Tool Blade Variety Pack	49-10-9005
6PC OPEN-LOK™ Multi-Tool Blade Kit	49-10-9112
9PC OPEN-LOK™ Multi-Tool Blade Kit	49-10-9113
15PC Universal Fit OPEN-LOK™ Oscillating Multi-Tool Blade Kit w/ Modular Case	49-10-9114



## SHOCKWAVE IMPACT DUTY™ DUTY BITS

### 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™ SPECIALTY BIT HOLDERS

Description	Includes	Part No.
 SHOCKWAVE IMPACT DUTY™ Right Angle Adapter	(1) Impact Right Angle Adapter	48-32-2390
 5PC 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

### + SHOCKWAVE IMPACT DUTY™ PHILLIPS DRIVER BITS

Bit	Length	1 Pack	2 Pack
PH1	1"	-	48-32-4411
	2"	48-32-4461	-



### SHOCKWAVE IMPACT DUTY™ ECX™ DRIVER BITS

Drive Size	Length	2 Pack
ECX™ Combo	2"	48-32-4443

### SHOCKWAVE IMPACT DUTY™ DOUBLE-ENDED DRIVER BITS

Bit	Length	1 Pack
PH2/SQ2	2-3/8"	48-32-4311


### SHOCKWAVE IMPACT DUTY™ MAGNETIC BIT HOLDERS

Description	Size	1 Pack
SHOCKWAVE IMPACT DUTY™ Magnetic Bit Holder	6"	48-32-4511




### SHOCKWAVE IMPACT DUTY™ LOCKING BIT HOLDERS

Description	1 Pack
2-7/8" SHOCKWAVE IMPACT DUTY™ Locking Bit Holder	48-32-4531


### SHOCKWAVE IMPACT DUTY™ MAGNETIC DRIVE GUIDE SETS

Description	Includes	Part No.
 7PC SHOCKWAVE IMPACT DUTY™ Magnetic Drive Guide Set	(1) 3" Magnetic Drive Guide (2) Phillips Insert Bit 1" PH2 (1) Square Recess Insert Bit 1" SQ2 (1) TORX® Insert Bit 1" T20 (2) TORX® Insert Bit 1" T25	48-32-4515


**SHOCKWAVE IMPACT DUTY™ MAGNETIC NUT DRIVER SETS**

Description	Length	Includes	Part No.
 <p>4PC SHOCKWAVE IMPACT DUTY™ Magnetic Nut Driver Set</p>	1-7/8"	(1) 1/4" Nut Driver (1) 5/16" Nut Driver (1) 3/8" Nut Driver (1) 7/16" Nut Driver	49-66-4562
 <p>2PC SHOCKWAVE IMPACT DUTY™ QUIK-CLEAR™ 2in1 Magnetic Nut Driver Set</p>			49-66-4565
 <p>6PC SHOCKWAVE IMPACT DUTY™ 6" Magnetic Nut Driver Set</p>	6"	(1) 1/4" Nut Driver (1) 5/16" Nut Driver (1) 3/8" Nut Driver (1) 7/16" Nut Driver (1) 1/2" Nut Driver (1) 9/16" Nut Driver	49-66-4567





**SHOCKWAVE IMPACT DUTY™ SOCKET ADAPTER SETS**

Description	Includes	Part No.
 <p>3PC SHOCKWAVE IMPACT DUTY™ Socket Adapter Set</p>	(1) 1/4" Socket Adapter (1) 3/8" Socket Adapter (1) 1/2" Socket Adapter	48-32-5033

**SHOCKWAVE IMPACT DUTY™ BIT SETS**

Description	Includes	Part No.
 <p>80PC SHOCKWAVE IMPACT DUTY™ Driver Bit Set</p>	(1) SHOCKWAVE IMPACT DUTY™ Compact Magnetic Bit Holder (1) TORX® Bit 1" T10 (1) TORX® Bit 1" T15 (3) Square Bit 1" SQ2 (4) Phillips Bit 1" P2 (1) Phillips Bit 1" P1 (1) Phillips Bit 3-1/2" P2 (1) Square Bit 3-1/2" SQ2 (1) Hex Bit 1" 1/8" (1) Hex Bit 1" 3/16" (1) Hex Bit 1" 3/32" (1) Hex Bit 1" 5/32" (1) Hex Bit 1" 7/64" (1) Hex Bit 1" 9/64" (1) Insert 1/4" Nut Driver (1) Insert 3/8" Nut Driver (1) Insert 5/16" Nut Driver (1) P2/SQ2 Double Ended Bit (1) P2/T25 Double Ended Bit (2) Phillips Bit 1" P3 (1) Hex3mm 312 Power Groove Bit (1) Hex4mm 312 Power Groove Bit (1) Square Bit 1" SQ1 (1) Hex5mm 312 Power Groove Bit (1) Square Bit 1" SQ3 (1) TORX® Bit 1" T27 (3) Phillips Bit 2" P2 (3) Phillips Bit 2" P3 (1) Slotted 1" #10 Bit (1) Phillips Bit 1" PR2 (1) Square Bit 2" SQ2 (1) Square Bit 2" SQ3 (1) TORX® Bit 2" T20 (1) TORX® Bit 2" T25 (3) TORX® Bit 1" T20 (5) TORX® Bit 1" T25 (1) TORX® Bit 1" T30 (1) 1/4" Magnetic Nut Driver (1) 3/8" Magnetic Nut Driver (1) 5/16" Magnetic Nut Driver	48-32-4094

**SHOCKWAVE IMPACT DUTY™ SOCKET SETS**

Description	Drive Guide Size	Includes	Part No.
 <p>3PC SHOCKWAVE IMPACT DUTY™ 3/8" Drive SAE Deep 6-Point Socket Set</p>	1/2"	(1) 9/16" Impact Socket (1) 3/8" Socket Adapter (1) 1/2" Impact Socket	49-66-4417
 <p>9PC SHOCKWAVE IMPACT DUTY™ 1/2" Drive SAE Deep 6-Point Socket Set</p>	1/2"	(1) 1/2" Socket (1) 9/16" Socket (1) 5/8" Socket (1) 11/16" Socket (1) 3/4" Socket (1) 13/16" Socket (1) 7/8" Socket (1) 15/16" Socket (1) 1" Socket	49-66-7022
 <p>12PC SHOCKWAVE IMPACT DUTY™ 1/2" Drive SAE Deep 6-Point Socket Set</p>	1/2"	(1) 1/2" Drive 3/8" Deep Socket (1) 1/2" Drive 7/16" Deep 6-Point Socket (1) 1/2" Drive 1/2" Deep 6-Point Socket (1) 1/2" Drive 9/16" Deep 6-Point Socket (1) 1/2" Drive 5/8" Deep 6-Point Socket (1) 1/2" Drive 11/16" Deep 6-Point Socket (1) 1/2" Drive 3/4" Deep 6-Point Socket (1) 1/2" Drive 7/8" Deep 6-Point Socket (1) 1/2" Drive 15/16" Deep 6-Point Socket (1) 1/2" Drive 1" Deep 6-Point Socket (1) 1/2" Drive 1-1/16" Deep 6-Point Socket	49-66-7011
 <p>43PC SHOCKWAVE IMPACT DUTY™ 3/8" Drive SAE &amp; Metric Deep 6-Point Socket Set</p>	1/2"	(1) 3/8" Drive 5/16" Standard 6-Point Socket (1) 3/8" Drive 3/8" Standard 6-Point Socket (1) 3/8" Drive 7/16" Standard 6-Point Socket (1) 3/8" Drive 1/2" Standard 6-Point Socket (1) 3/8" Drive 9/16" Standard 6-Point Socket (1) 3/8" Drive 5/8" Standard 6-Point Socket (1) 3/8" Drive 11/16" Standard 6-Point Socket (1) 3/8" Drive 3/4" Standard 6-Point Socket (1) 3/8" Drive 5/16" Deep 6-Point Socket (49-66-6117) (1) 3/8" Drive 3/8" Deep 6-Point Socket (1) 3/8" Drive 7/16" Deep 6-Point Socket (1) 3/8" Drive 1/2" Deep 6-Point Socket (1) 3/8" Drive 9/16" Deep 6-Point Socket (1) 3/8" Drive 5/8" Deep 6-Point Socket (1) 3/8" Drive 11/16" Deep 6-Point Socket (1) 3/8" Drive 11/16" Deep 6-Point Socket (1) 3/8" Drive 3/4" Deep 6-Point Socket (1) 3/8" Drive 8MM Standard 6-Point Socket (1) 3/8" Drive 9MM Standard 6-Point Socket (1) 3/8" Drive 10MM Standard 6-Point Socket (49-66-6134) (1) 3/8" Drive 11MM Standard 6-Point Socket (49-66-6135) (1) 3/8" Drive 12MM Standard 6-Point Socket (49-66-6136) (1) 3/8" Drive 13MM Standard 6-Point Socket (1) 3/8" Drive 14MM Standard 6-Point Socket (1) 3/8" Drive 15MM Standard 6-Point Socket (1) 3/8" Drive 16MM Standard 6-Point Socket (1) 3/8" Drive 17MM Standard 6-Point Socket (1) 3/8" Drive 18MM Standard 6-Point Socket (1) 3/8" Drive 19MM Standard 6-Point Socket	49-66-7009

## CONCRETE DRILLING & CHISELING

### SDS PLUS

#### MX4™ 4-CUTTER SDS PLUS BITS

Diameter	Usable Length	Length	1 Pack
3/16"	4"	6"	48-20-7311
1/4"	4"	6"	48-20-7331
3/8"	4"	6"	48-20-7351

#### MX4™ 4-CUTTER SDS PLUS BITS

Diameter	Usable Length	Length	1 Pack
1/2"	4"	6"	48-20-7371
5/8"	6"	8"	48-20-7200

#### M/2™ 2-CUTTER SDS PLUS BITS

Diameter	Usable Length	Length	1 Pack
5/32"	4"	6"	48-20-7401
3/16"	4"	6"	48-20-7411
1/4"	4"	6"	48-20-7431

#### M/2™ 2-CUTTER SDS PLUS BITS



Diameter	Usable Length	Length	1 Pack
3/8"	4"	6"	48-20-7451
1/2"	4"	6"	48-20-7471
5/8"	4"	6"	48-20-7601



This product complies with ANSI B212.15 standard

TORX® is a registered trademark of Acument™ Global Technologies.

### SDS PLUS DRILL BIT KITS

Description	Includes	Part No.
 <b>NEW</b> 5PC SDS Plus MX4™ Kit	(1) 3/16" x 4" 4-Cutter Rotary Hammer Drill Bit (1) 1/4" x 6" 4-Cutter Rotary Hammer Drill Bit (1) 5/16" x 6" 4-Cutter Rotary Hammer Drill Bit (1) 3/8" x 6" 4-Cutter Rotary Hammer Drill Bit (1) 1/2" x 6" 4-Cutter Rotary Hammer Drill Bit	48-20-7498
 5PC SDS Plus M/2™ Kit	(1) 3/16" x 4" 2-Cutter Rotary Hammer Drill Bit (1) 1/4" x 6" 2-Cutter Rotary Hammer Drill Bit (1) 5/16" x 6" 2-Cutter Rotary Hammer Drill Bit (1) 3/8" x 6" 2-Cutter Rotary Hammer Drill Bit (1) 1/2" x 6" 2-Cutter Rotary Hammer Drill Bit	48-20-7490



This product complies with ANSI B212.15 standard



### SDS PLUS CONCRETE SCREW INSTALLATION DRILL BITS

Diameter	Usable Length	Length	Concrete Screw Diameter Size	1 Pack
5/32"	4"	7"	3/16"	48-20-7091
3/16"	4"	7"	1/4"	48-20-7092



This product complies with ANSI B212.15 standard



### 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




This product complies with ANSI B212.15 standard



### SDS PLUS SLEDGE™ SELF-SHARPENING CHISELS

Style	Size	Part No.
SLEDGE™ SDS Plus Bull Point	10"	48-62-6050
SLEDGE™ SDS Plus Flat Chisel	3/4" x 10"	48-62-6052
SLEDGE™ Self-Sharpening Chisels	1-1/2" x 10"	48-62-6056

### SDS PLUS CONCRETE SCREW INSTALLATION KIT

Description	Includes	Part No.
 SDS Plus Installation Kit for Concrete Screws	(1) 5/32" x 7" w/ 1/4" Hex Rotary Hammer Drill Bit (1) 3/16" x 7" w/ 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 DUST TRAP™ DRILLING SHROUD

Description	10 Pack
SDS Plus DUST TRAP™ Drilling Shroud (Bulk 10)	48-03-3135



### SDS PLUS DEMOLITION STEEL

Style	Size	1 Pack
Ground Rod Driver	1/2" & 5/8" x 10"	48-62-6031



### 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

## CONCRETE DRILLING & CHISELING

### SDS MAX



#### SDS MAX DEMOLITION STEEL

Style	Size	1 Pack
Ground Rod Driver	10-1/2" L - 5/8" and 3/4" Rod Dia.	48-62-4091





#### SDS MAX CHISELS

Style	Size	1 Pack
SDS Max Bull Point	12"	48-62-4075
SDS Max Flat Chisel	1" x 12"	48-62-4079
SLEDGE™ SDS Max Scaling Chisel	3" x 12"	48-62-4087
SLEDGE™ SDS Max Self-Sharpening Bull Point	16"	48-62-4250
SLEDGE™ SDS Max Self-Sharpening Flat Chisel	1" x 16"	48-62-4252

### HAMMER DRILL BITS

#### HAMMER DRILL BIT SET


Description	Includes		Part No.
 <p>7PC Large SHOCKWAVE IMPACT DUTY™ Carbide Hammer Drill Bit Set</p>	(1) 1/8" x 4" x 6" (1) 5/32" x 4" x 6" (1) 3/16" x 4" x 6" (1) 1/4" x 4" x 6"	(1) 5/16" x 4" x 6" (1) 3/8" x 4" x 6" (1) 1/2" x 4" x 6"	48-20-9057
 <p>7PC SHOCKWAVE IMPACT DUTY™ Carbide Hammer Drill Bit Concrete Screw Install Set</p>	(1) 5/32" x 4" x 6" (1) 3/16" x 4" x 6" (1) 1/4" Screw Nut Driver (1) 5/16" Concrete Screw Nut Driver	(1) 2" Impact Torx® T25 Power Bit (1) 2" Impact Torx® T30 Power Bit (1) Drive Sleeve	48-20-9097




This product complies with ANSI B212.15 standard

## DRILL BITS

#### RED HELIX™ COBALT DRILL BIT SETS

Description	Includes		Part No.
 <p>15PC RED HELIX™ Cobalt Drill Bit Set</p>	(2) 1/16" Cobalt RED HELIX™ Drill Bit (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 Bit (1) 9/64" Cobalt RED HELIX™ Drill Bit	(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 Bit (1) 5/16" Cobalt RED HELIX™ Drill Bit (1) 3/8" Cobalt RED HELIX™ Drill Bit	48-89-2370

#### THUNDERBOLT® BLACK OXIDE DRILL BIT SETS

Description	Includes		Part No.
 <p>21PC THUNDERBOLT® Black Oxide Drill Bit Set</p>	(2) 1/16" THUNDERBOLT® Black Oxide Drill Bit (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 Bit (1) 15/64" THUNDERBOLT® Black Oxide Drill Bit (2) 1/8" THUNDERBOLT® Black Oxide Drill Bit (2) 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) 5/32" THUNDERBOLT® Black Oxide Drill Bit (2) 5/64" THUNDERBOLT® Black Oxide Drill Bit (1) 7/32" THUNDERBOLT® Black Oxide Drill Bit (1) 7/64" THUNDERBOLT® Black Oxide Drill Bit (1) 9/64" THUNDERBOLT® Black Oxide Drill Bit	48-89-2801

## WET CORE BITS



### DIAMOND ULTRA™ WET CORE BITS

- 13" Drilling Depth 5/8" - 1-1/2"
- 16" Drilling Depth 2" - 14"

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
1-1/2"	5/8"-11	48-17-5015
2"	1-1/4"-7	48-17-5020
2-1/2"	1-1/4"-7	48-17-5025
3"	1-1/4"-7	48-17-5030
3-1/2"	1-1/4"-7	48-17-5035

Size	Thread	Part No.
4"	1-1/4"-7	48-17-5040
4-1/2"	1-1/4"-7	48-17-5045
5"	1-1/4"-7	48-17-5050
6"	1-1/4"-7	48-17-5060
8"	1-1/4"-7	48-17-5080
10"	1-1/4"-7	48-17-5100
12"	1-1/4"-7	48-17-5120
14"	1-1/4"-7	48-17-5140



## DIAMOND BLADES



**FASTEST CUTTING.  
MAXIMUM RUN-TIME.**



**FASTER CUTTING.  
FEWER BLADE CHANGES.**



**UP TO 5X LONGER LIFE.  
ULTIMATE CONTROL.**

### DIAMOND ULTRA™ SEGMENTED TURBO GENERAL PURPOSE

Size	Arbor	Part No.	Tool Use
14"	1" - 20mm	49-93-7540	
12"	1" - 20mm	49-93-7535	
9"	7/8" - 5/8"	49-93-7532	
4-1/2"	7/8" - 20mm - 5/8"	49-93-7523	

### DIAMOND MAX™ ALL-PURPOSE SEGMENTED TURBO

Size	Arbor	Part No.	Tool Use
14"	1" - 20mm	49-93-7140	
9"	7/8" - 5/8"	49-93-7125	

### DIAMOND MAX™ SEGMENTED TURBO GENERAL PURPOSE

Size	Arbor	Part No.	Tool Use
14"	1" - 20mm	49-93-9014	
12"	1" - 20mm	49-93-9012	
9"	7/8" - 5/8"	49-93-9009	
4-1/2"	7/8" - 20mm - 5/8"	49-93-9004	

## TURBO DIAMOND BLADES



**POWER TO CUT  
HARD AGGREGATE**

### DIAMOND MAX™ TURBO GENERAL PURPOSE

Size	Arbor	Part No.	Tool Use
9"	7/8" – 5/8"	49-93-9109	
4-1/2"	7/8" – 20mm – 5/8"	49-93-9104	

## APPLICATION SPECIFIC DIAMOND BLADES



**THE MOST  
VERSATILE BLADE**

### MULTI-MATERIAL

Size	Arbor	Part No.	Tool Use
14"	1" – 20mm	49-93-9614	
9"	7/8" – 5/8"	49-93-9609	
4-1/2"	7/8" – 20mm – 5/8"	49-93-9604	

## CUP WHEELS



**UP TO 2X FASTER  
MATERIAL REMOVAL**

### DIAMOND MAX™ TURBO

Size	Arbor	Part No.	Tool Use
7"	5/8"-11	49-93-7796	
7"	5/8"-11	49-93-7795	
5"	5/8"-11	49-93-7790	
4-1/2"	5/8"-11	49-93-7784	
4"	5/8"-11	49-93-7780	

## CUTTING AND GRINDING WHEELS

### CUT-OFF WHEELS



Part No.	Description
49-94-4500	4-1/2" x .045" x 7/8" Cut-Off Wheel (Type 1)
49-94-1475	14" x 1/8" x 1" Cut-Off Wheel (Type 1)
49-94-1470	14" x 1/8" x 20mm Cut-Off Wheel (Type 1)

### GRINDING WHEELS



Part No.	Description
49-94-4510	4-1/2" x 1/8" x 7/8" Grinding Wheel (Type 27)
49-94-4520	4-1/2" x 1/4" x 7/8" Grinding Wheel (Type 27)

## TEMPORARY & PERSONAL LIGHTING

REDLITHIUM™  
USB

**2162-21**  
REDLITHIUM™ USB 2,000L  
Slide Focus Flashlight Kit



**2161-21**  
REDLITHIUM™ USB 1100L  
Twist Focus Flashlight



**2163-21**  
REDLITHIUM™ USB  
Hard Hat Headlamp



**2114-21**  
REDLITHIUM™ USB  
ROVER™ Pivoting  
Flood Light



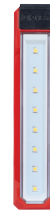
**48-59-2012**  
USB Rechargeable  
Portable Power  
Source & Charger



**2113-21**  
REDLITHIUM™ USB  
Pivoting Flashlight



**2112-21**  
REDLITHIUM™ USB  
ROVER™ Pocket  
Flood Light



**48-11-2130**  
REDLITHIUM™  
USB Battery



**2160-20**  
USB Rechargeable  
800L Compact  
Flashlight



**2110-21**  
USB Rechargeable  
700L Flashlight



**2107**  
325L Focusing  
Flashlight



**2108**  
ROVER™ Magnetic  
Flood Light



**2104**  
Spot/Flood Headlamp



**2105**  
Penlight



**2103R**  
Rechargeable Low-Profile  
Magnetic Task Light



**2118-21**  
BOLT™ REDLITHIUM™  
USB Headlamp



**2011R**  
Rechargeable 500L  
Everyday Carry  
Flashlight w/ Magnet



**2012R**  
Rechargeable  
Magnetic Headlamp  
And Task Light



**2010R**  
Rechargeable 250L  
Penlight w/ Laser



**2110-21**  
USB Rechargeable  
700L Flashlight



**2115-21**  
REDLITHIUM™ USB  
Low-Profile Headlamp



## MEASURING

### TAPE MEASURES



Part No.	Description
48-22-9735	35ft STUD™ Tape Measure
48-22-9725	25ft STUD™ Tape Measure
48-22-9716	16ft STUD™ Tape Measure
48-22-0225M	25' Wide Blade Magnetic Tape Measure
48-22-0216M	16' Wide Blade Magnetic Tape Measure
48-22-0240	40' Wide Blade Tape Measure
48-22-0235	35' Wide Blade Tape Measure
48-22-0230	30' Wide Blade Tape Measure
48-22-0225	25' Wide Blade Tape Measure
48-22-0226	8m/26' Wide Blade Tape Measure
48-22-0217	5m/16' Wide Blade Tape Measure
48-22-0216	16' Wide Blade Tape Measure
48-22-6630	30ft Compact Tape Measure
48-22-6625	25ft Compact Tape Measure
48-22-6825	25ft Compact Auto-Lock Tape Measure
48-22-6625E	25ft compact tape - engineering scale
48-22-6816	16ft Compact Auto-Lock Tape Measure
48-22-0325	25ft Compact Wide Blade Magnetic Tape Measure
48-22-0316	16ft Compact Wide Blade Magnetic Tape Measure

### LONG TAPES & MEASURING WHEELS



Part No.	Description
48-22-5201	100 ft Steel Open Reel Long Tape
48-22-5230	300 ft Steel Open Reel Long Tape
48-22-5101	100 ft Closed Reel Long Tape
48-22-5006	6" Measuring Wheel
48-22-5012	12" Measuring Wheel
48-22-5301	100 ft Fiberglass Open Reel Long Tape

### LASER DISTANCE METER



Part No.	Description
48-22-9801	65 ft Laser Distance Meter
48-22-9802	150 ft Laser Distance Meter
48-22-9803	330 ft Laser Distance Meter

### FOLDING RULER



Part No.	Description
48-22-3801	6-1/2 ft Composite Folding Rule
48-22-3802	6-1/2 ft Engineer's Composite Folding Rule

### SQUARES



Part No.	Description
MLSQ124	400mm x 600mm Aluminum Framing Square
MLSQ024	16" x 24" Aluminum Framing Square
MLSQM070	7" Magnetic Rafter Square
MLSQ170	180mm Rafter Square
MLSQ070	7" Rafter Square
MLSQ040	4-1/2" Trim Square

### LEVELS



Part No.	Description
MLIBM78	Milwaukee® 78" Magnetic I-Beam Level
MLIBM48	48" Magnetic I-Beam Level
MLIBM24	Milwaukee® 24" Magnetic I-Beam Level
48-22-5210	10" Die cast Torpedo Level with 360 Degree Locking Vial
48-22-5107	Compact Billet Torpedo Level
48-22-5207	Metric Compact Billet Torpedo Level
48-22-5603	Pocket Level
48-22-5110	6.5" Pipe Lock Billet Torpedo Level



## MARKING

### INKZALL™ JOBSITE MARKERS



Part No.	Description
48-22-3150	12PC INKZALL™ Ultra Fine Point Black Jobsite Markers
48-22-3154	4PC INKZALL™ Ultra Fine Point Black Jobsite Markers
48-22-3104	4PC INKZALL™ Fine Point Black Jobsite Markers
48-22-3105	2PC INKZALL™ Fine Point Black Jobsite Markers
48-22-3106	4PC INKZALL™ Fine Point Colored Jobsite Markers
48-22-3101	INKZALL™ Stylus & Fine Point Black Jobsite Marker
48-22-3102	2PC INKZALL™ Medium Point Black Jobsite Markers
48-22-3103	INKZALL™ Chisel Tip Black Jobsite Marker
48-22-3100	36PC INKZALL™ Fine Point Black Jobsite Markers (Bulk)
48-22-3130	36PC INKZALL™ Chisel Tip Black Jobsite Markers (Bulk)
48-22-3170	36PC INKZALL™ Fine Point Red Jobsite Markers (Bulk)
48-22-3180	36PC INKZALL™ Fine Point Blue Jobsite Markers (Bulk)
48-22-3121	2PC INKZALL™ Fine Point Silver Metallic Jobsite Markers
48-22-3122	2PC INKZALL™ Fine Point Gold Metallic Jobsite Markers
48-22-3712	INKZALL™ Medium Point White Liquid Paint Marker
48-22-3721	12PC INKZALL™ Medium Point Yellow Liquid Paint Marker
48-22-3711	12PC INKZALL™ Medium Point White Liquid Paint Markers (Bulk)
48-22-3751	12PC INKZALL™ Medium Point Green Liquid Paint Markers (Bulk)
48-22-3164	4PC INKZALL™ Ultra Fine Point Black Jobsite Pens

## CUTTING

### TUBING CUTTERS



Part No.	Description
48-22-4260	1/2" Close Quarters Copper Tubing Cutter
48-22-4250	1/2" Mini Copper Tubing Cutter
48-22-4261	3/4" Close Quarters Copper Tubing Cutter
48-22-4258	3/4" Mini Copper Tubing Cutter
48-22-4262	1" Close Quarters Copper Tubing Cutter
48-22-4259	1" Constant Swing Copper Tubing Cutter
48-22-4251	1" Mini Copper Tubing Cutter
48-22-4252	1-1/2" Constant Swing Copper Tubing Cutter
48-22-4210	1-5/8" Ratcheting Pipe Cutter
48-22-4211	1-5/8" Ratcheting Pipe Cutter Replacement Blades
48-22-4215	2-3/8" Ratcheting Pipe Cutter
48-22-4216	2-3/8" Ratcheting Pipe Cutter Replacement Blades
48-22-4253	2-1/2" Quick-Adjust Copper Tubing Cutter
48-22-4254	3-1/2" Quick-Adjust Copper Tubing Cutter
48-22-4256	2PC Replacement Cutter Wheels
48-22-4267	3PC Close Quarter Copper Tubing Cutter Set
48-22-4257	3PC Replacement Reaming Blade
48-22-4206	Cutter Wheel for PVC & PEX
48-22-4255	Reaming Pen
48-22-4204	Tubing Cutter
48-22-4203	Tubing Cutter Blade
48-22-4266	Replacement Copper Tubing Cutter Wheels

### SNIPS & SCISSORS



Part No.	Description
48-22-4569	Straight Cutting Aviation Snips
48-22-4540	Left Cutting Aviation Snips
48-22-4542	Left Cutting Offset Aviation Snips
48-22-4550	Right Cutting Aviation Snips
48-22-4552	Right Cutting Offset Aviation Snips
48-22-4560	Straight Cutting Aviation Snips
48-22-4562	Straight Cutting Offset Aviation Snips
48-22-4567	Long Cut Straight Aviation Snips
48-22-4568	Long Cut Offset Aviation Snips
48-22-4553	2PC Offset Aviation Snip Set
48-22-4563	3PC Aviation Snips Set

### VICES



#### VICES

Part No.	Description
48-22-8690	6" Leveling Tripod Chain Vise

### KNIVES



Part No.	Description
48-22-1500	FASTBACK™ Compact Flip Utility Knife
48-22-1502	FASTBACK™ Flip Utility Knife w/ Blade Storage
48-22-1505	FASTBACK™ 6in1 Folding Utility Knife
48-22-1512	Safety Utility Knife
48-22-1515	Side Sliding Utility Knife
48-22-1516	Compact Side Slide Utility Knife
48-22-1520	FASTBACK™ Folding Pocket Knife
48-22-1524	FASTBACK™ Camo Folding Pocket Knife
48-22-1530	FASTBACK™ Spring Assisted Knife
48-22-1535	FASTBACK™ Camo Spring Assisted Knife
48-22-1540	FASTBACK™ 5in1 Folding Pocket Knife
48-22-1901	FASTBACK™ Flip Utility Knife
48-22-1921	Smooth Blade Insulation Knife
48-22-1922	Serrated Blade Insulation Knife
48-22-1927	Duct Knife
48-22-1994	HARDLINE™ 3" Smooth Blade Pocket Knife
48-22-1997	HARDLINE™ 2-1/2" Smooth Blade Pocket Knife
48-22-1998	HARDLINE™ 3" Serrated Blade Pocket Knife
48-22-1999	HARDLINE™ 3-1/2" Smooth Blade Pocket Knife
48-22-1521	Compact Folding Pocket Knife

### SAWS



Part No.	Description
48-22-0012	Compact Hacksaw
48-22-0050	12" High-Tension Hacksaw
48-22-0104	Rasping Jab Saw
48-22-0307	Folding Jab Saw
48-22-0212	12" PVC / ABS Saw
48-22-0218	18" PVC / ABS Saw

**PLIERS**
**FASTENING PLIERS**


Part No.	Description
48-22-6208	8" Comfort Grip V-Jaw Pliers
48-22-6210	10" Comfort Grip V-Jaw Pliers
48-22-6212	12" Comfort Grip V-Jaw Pliers
48-22-6306	6" Comfort Grip Straight Jaw Pliers
48-22-6310	10" Comfort Grip Straight Jaw Pliers
48-22-6312	12" Comfort Grip Straight Jaw Pliers
48-22-6316	16" Comfort Grip Straight Jaw Pliers
48-22-6320	20" Comfort Grip Straight Jaw Pliers
48-22-6330	2PC 6" & 10" Comfort Grip Straight Jaw Pliers Set
48-22-6550	10" Smooth Jaw Pliers
48-22-6552	12" Smooth Jaw Pliers
48-22-6510	10" Straight Jaw Pliers
48-22-6512	12" Straight Jaw Pliers

**LINEMAN'S PLIERS**


Part No.	Description
48-22-6100	Comfort Grip High-Leverage Lineman's Pliers with Crimper
MT500	9" Lineman's Dipped Grip Pliers <b>(USA)</b>
MT500C	9" Lineman's Dipped Grip Pliers w/ Crimper & Bolt Cutter <b>(USA)</b>
MT550	9" Lineman's Comfort Grip Pliers <b>(USA)</b>
MT550C	9" Lineman's Comfort Grip Pliers w/ Crimper and Bolt Cutter <b>(USA)</b>

**SPECIALTY PLIERS**


Part No.	Description
48-22-6103	Comfort Grip Crimping Pliers
48-22-6104	Comfort Grip Cable Cutting Pliers
48-22-6321	Comfort Grip PVC / Oil Filter Pliers
48-22-6407	7" Comfort Grip Nipping Pliers

**LONG NOSE PLIERS**


Part No.	Description
48-22-6101	8" Comfort Grip Long Nose Pliers
MT505	8" Long Nose Dipped Grip Pliers <b>(USA)</b>
MT555	8" Long Nose Comfort Grip Pliers <b>(USA)</b>

**TORQUE LOCK PLIERS**


Part No.	Description
48-22-3607	7" MAX BITE™ Curved Jaw Locking Pliers
48-22-3610	10" MAX BITE™ Curved Jaw Locking Pliers
48-22-3702	2PC 7" & 10" MAX BITE™ Curved Jaw Locking Pliers Set
48-22-3707	7" MAX BITE™ Curved Jaw Locking Pliers w/ Grip
48-22-3710	10" MAX BITE™ Curved Jaw Locking Pliers w/ Grip
48-22-3405	5" Curved Jaw Locking Pliers w/ Grip
48-22-3407	7" Curved Jaw Locking Pliers w/ Grip
48-22-3410	10" Curved Jaw Locking Pliers w/ Grip
48-22-3406	6" Long Nose Locking Pliers w/ Grip
48-22-3409	9" Long Nose Locking Pliers w/ Grip
48-22-3807	7" Straight Jaw Locking Pliers w/ Grip
48-22-3810	10" Straight Jaw Locking Pliers w/ Grip
48-22-3402	2PC Curved Jaw Locking Pliers w/ Grip
48-22-3602	6" Long Nose & 10" Curved Jaw Locking Pliers Set
48-22-3423	4" Curved Jaw Locking Pliers
48-22-3422	5" Curved Jaw Locking Pliers
48-22-3421	7" Curved Jaw Locking Pliers
48-22-3420	10" Curved Jaw Locking Pliers
48-22-3504	4" Long Nose Locking Pliers
48-22-3506	6" Long Nose Locking Pliers
48-22-3507	7" Straight Jaw Locking Pliers
48-22-3510	10" Straight Jaw Locking Pliers
48-22-3541	12" Large Jaw Locking Pliers

**DIAGONAL CUTTING PLIERS**


Part No.	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
MT508	8" Diagonal Dipped Grip Cutting Pliers <b>(USA)</b>
MT558	8" Diagonal Comfort Grip Cutting Pliers <b>(USA)</b>
MT506	6" Diagonal Dipped Grip Cutting Pliers <b>(USA)</b>
MT556	6" Diagonal Comfort Grip Cutting Pliers <b>(USA)</b>
MT507	7" Diagonal Dipped Grip Cutting Pliers <b>(USA)</b>
MT557	7" Diagonal Comfort Grip Cutting Pliers <b>(USA)</b>

## WRENCHES

### ADJUSTABLE WRENCHES



Part No.	Description
48-22-7400	2PC. 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
48-22-7414	14" Aluminum Self-Adjusting Pipe Wrench
48-22-7418	18" Aluminum Self-Adjusting Pipe Wrench
48-22-7508	8" Wide Jaw Adjustable Wrench

### PLUMBING WRENCHES



Part No.	Description
48-22-7001	Basin Wrench - 1.25" Capacity
48-22-7002	Basin Wrench - 2.5" Capacity
48-22-7100	Faucet Swap-Out Wrench

### PIPE WRENCHES



Part No.	Description
48-22-7184	14" Aluminum Offset Pipe Wrench
48-22-7185	18" Aluminum Offset Pipe Wrench
48-22-7182	24" Aluminum Offset Pipe Wrench
48-22-7322	CHEATER™ Aluminum Adaptable Offset Pipe Wrench
48-22-7318	CHEATER™ Aluminum Adaptable Pipe Wrench
48-22-7314	CHEATER™ Steel Adaptable Pipe Wrench
48-22-7215	14" Aluminum Pipe Wrench w/ POWERLENGTH™ Handle
48-22-7213	10" Aluminum Pipe Wrench w/ POWERLENGTH™ Handle
48-22-7186	12" Smooth Jaw Pipe Wrench
48-22-7210	10" Aluminum Pipe Wrench
48-22-7212	12" Aluminum Pipe Wrench
48-22-7214	14" Aluminum Pipe Wrench
48-22-7218	18" Aluminum Pipe Wrench
48-22-7224	24" Aluminum Pipe Wrench
48-22-7236	36" Aluminum Pipe Wrench
48-22-7248	48" Aluminum Pipe Wrench
48-22-7171	Steel Offset Hex Pipe Wrench
48-22-7106	6" Steel Pipe Wrench
48-22-7108	8" Steel Pipe Wrench
48-22-7110	10" Steel Pipe Wrench
48-22-7112	12" Steel Pipe Wrench
48-22-7114	14" Steel Pipe Wrench
48-22-7118	18" Steel Pipe Wrench
48-22-7124	24" Steel Pipe Wrench
48-22-7136	36" Steel Pipe Wrench
48-22-7148	48" Steel Pipe Wrench
48-22-7160	60" Steel Pipe Wrench

## WIRE STRIPPERS



### WIRE STRIPPERS

Part No.	Description
48-22-6579	Multi-Purpose Wire Stripper
48-22-6109	7-1/8" Wire Stripper/Cutter for Solid & Stranded Wire
48-22-3082	Self-Adjusting Wire Stripper & Cutter
48-22-3079	Comfort Grip 6in1

## AUGERS



### AUGERS

Part No.	Description
48-22-5765	3' Toilet Auger
48-22-5760	25' Hand Auger

**SCREWDRIVERS**


SCREWDRIVERS	
Part No.	Description
MT200-4	4PC Cushion Grip Screwdriver Set (USA)
MT200-6	6PC Cushion Grip Screwdriver Set (USA)
MT201	#1 Phillips 3" Cushion Grip Screwdriver (USA)
MT202	#2 Phillips 4" Cushion Grip Screwdriver (USA)
MT203	#3 Phillips 6" Cushion Grip Screwdriver (USA)
MT204	#2 Phillips 10" Cushion Grip Screwdriver (USA)
MT206	1/4" Slotted 4" Cushion Grip Screwdriver (USA)
MT207	5/16" Slotted 6" Cushion Grip Screwdriver (USA)
MT209	3/8" Slotted 8" Cushion Grip Screwdriver (USA)
MT211	3/16" Cabinet 3" Cushion Grip Screwdriver (USA)
MT212	3/16" Cabinet 6" Cushion Grip Screwdriver (USA)
MT213	3/16" Cabinet 8" Cushion Grip Screwdriver (USA)
MT214	1/4" Cabinet 10" Cushion Grip Screwdriver (USA)
MT215	#1 ECX 4" Cushion Grip Screwdriver (USA)

SCREWDRIVERS	
Part No.	Description
MT216	#2 ECX 4" Cushion Grip Screwdriver (USA)
MT217	#1 Square 3" Cushion Grip Screwdriver (USA)
MT218	#2 Square 4" Cushion Grip Screwdriver (USA)
MT219	#3 Square 6" Cushion Grip Screwdriver (USA)
MT205	#2 Phillips 6" Cushion Grip Demolition Screwdriver (USA)
MT208	5/16" Slotted 6" Cushion Grip Demolition Screwdriver (USA)
MT210	3/8" Slotted 8" Cushion Grip Demolition Screwdriver (USA)
48-22-4760	11in1 Screwdriver
48-22-2914	11in1 Magnetic Multi-Bit Screwdriver
48-22-2903E	14in1 Ratcheting Multi-Bit Driver
48-22-2206	Isulated Screwdrivers
48-22-2217	Isulated Screwdrivers
48-22-2218	Isulated Screwdrivers

**NUT DRIVERS**


NUT DRIVERS	
Part No.	Description
48-22-2442	2PC SAE HOLLOWCORE™ Nut Driver Set
48-22-2444	4PC SAE HOLLOWCORE™ Nut Driver Set
48-22-2447	7PC SAE HOLLOWCORE™ Nut Driver Set
48-22-2448	7PC Metric HOLLOWCORE™ Nut Driver Set
48-22-2451	1/4" HOLLOWCORE™ Nut Driver
48-22-2452	5/16" HOLLOWCORE™ Nut Driver
48-22-2453	11/32" HOLLOWCORE™ Nut Driver
48-22-2454	3/8" HOLLOWCORE™ Nut Driver
48-22-2455	7/16" HOLLOWCORE™ Nut Driver
48-22-2456	1/2" HOLLOWCORE™ Nut Driver
48-22-2457	9/16" HOLLOWCORE™ Nut Driver
48-22-2461	5mm HOLLOWCORE™ Nut Driver
48-22-2462	5.5mm HOLLOWCORE™ Nut Driver
48-22-2463	6mm HOLLOWCORE™ Nut Driver
48-22-2464	7mm HOLLOWCORE™ Nut Driver
48-22-2465	8mm HOLLOWCORE™ Nut Driver
48-22-2466	10mm HOLLOWCORE™ Nut Driver
48-22-2467	13mm HOLLOWCORE™ Nut Driver

NUT DRIVERS	
Part No.	Description
48-22-2542	2PC SAE HOLLOWCORE™ Magnetic Nut Driver Set
48-22-2544	4PC SAE HOLLOWCORE™ Magnetic Nut Driver Set
48-22-2547	7PC SAE HOLLOWCORE™ Magnetic Nut Driver Set
48-22-2548	7PC Metric HOLLOWCORE™ Magnetic Nut Driver Set
48-22-2551	1/4" HOLLOWCORE™ Magnetic Nut Driver
48-22-2552	5/16" HOLLOWCORE™ Magnetic Nut Driver
48-22-2553	11/32" HOLLOWCORE™ Magnetic Nut Driver
48-22-2554	3/8" HOLLOWCORE™ Magnetic Nut Driver
48-22-2555	7/16" HOLLOWCORE™ Magnetic Nut Driver
48-22-2556	1/2" HOLLOWCORE™ Magnetic Nut Driver
48-22-2557	9/16" HOLLOWCORE™ Magnetic Nut Driver
48-22-2561	5mm HOLLOWCORE™ Magnetic Nut Driver
48-22-2562	5.5mm HOLLOWCORE™ Magnetic Nut Driver
48-22-2563	6mm HOLLOWCORE™ Magnetic Nut Driver
48-22-2564	7mm HOLLOWCORE™ Magnetic Nut Driver
48-22-2565	8mm HOLLOWCORE™ Magnetic Nut Driver
48-22-2566	10mm HOLLOWCORE™ Magnetic Nut Driver
48-22-2567	13mm HOLLOWCORE™ Magnetic Nut Driver

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.™



## SAFETY GLASSES



Part No.	Description
48-73-2045	Performance Safety Glasses w/ Gasket – Polarized Fog-Free Lenses
48-73-2046	Performance Safety Glasses w/ Gasket – Polarized Fog-Free Lenses (Polybag)
48-73-2040	Performance Safety Glasses w/ Gasket – Clear Fog-Free Lenses
48-73-2041	Performance Safety Glasses w/ Gasket – Clear Fog-Free Lenses (Polybag)
48-73-2025	Performance Safety Glasses – Tinted Fog-Free Lenses
48-73-2026	Performance Safety Glasses – Tinted Fog-Free Lenses (Polybag)
48-73-2020	Performance Safety Glasses – Clear Fog-Free Lenses
48-73-2021	Performance Safety Glasses – Clear Fog-Free Lenses (Polybag)
48-73-2129	Performance Safety Glasses – Mirrored Fog-Free Lenses (Blister)
48-73-2010	Safety Glasses - Clear Anti-Scratch Lenses
48-73-2011	Safety Glasses - Clear Anti-Scratch Lenses (Polybag)
48-73-2052	3PK Safety Glasses - Clear Anti-Scratch Lenses

Part No.	Description
48-73-2012	Safety Glasses - Clear Fog-Free Lenses
48-73-2013	Safety Glasses - Clear Fog-Free Lenses (Polybag)
48-73-2015	Safety Glasses - Tinted Anti-Scratch Lenses
48-73-2016	Safety Glasses - Tinted Anti-Scratch Lenses (Polybag)
48-73-2019	Safety Glasses - Mirrored Anti-Scratch Lenses (Blister)
48-73-2054	3PK Safety Glasses - Tinted Anti-Scratch Lenses
48-73-2017	Safety Glasses - Tinted Fog-Free Lenses
48-73-2018	Safety Glasses - Tinted Fog-Free Lenses (Polybag)
48-73-1462	10PK Mirrored Eye Visor Replacement Lenses (Helmet & Hard Hat Mount)
48-73-1437	10PK Mirrored Face Shield Replacement Lenses (Helmet & Hard Hat Mount)
48-73-1429	BOLT™ Full Face Shield - Mirrored Dual Coat Lens (Compatible w/ Milwaukee® Safety Helmets & Hard Hats)
48-73-1419	BOLT™ Eye Visor - Mirrored Dual Coat Lens (Compatible w/ Milwaukee® Safety Helmets & Hard Hats)

## EAR PLUGS



Part No.	Description
48-73-3001	10 Pairs Ear Plugs
48-73-3005	100 Pairs Ear Plugs
48-73-3006	100 Pairs Ear Plugs (Individually Wrapped)
48-73-3151	3PK Reusable Corded Ear Plugs

## LANYARDS



Part No.	Description
48-22-8810	10 lbs Locking Tool Lanyard
48-22-8820	10 lbs Quick-Connect Locking Tool Lanyard
48-22-8811	10 lbs 54" Extended Reach Locking Tool Lanyard
48-22-8815	15 lbs Locking Tool Lanyard
48-22-8850	35 lbs Locking Tool Lanyard
48-22-8816	15 lbs 54" Extended Reach Locking Tool Lanyard
48-22-8830	5 lbs Wrist Lanyard
48-22-8835	5 lbs Quick-Connect Wrist Lanyard
48-22-8855	50 lbs Anchor Strap
48-22-8812	10 lbs 72" Extended Reach Locking Tool Lanyard
48-22-8817	15 lbs 72" Extended Reach Locking Tool Lanyard
48-22-8825	5 lbs 50" Retractable Lanyard

## LANYARD ACCESSORIES



Part No.	Description
48-22-8823	3PC 10 lbs Quick-Connect Lanyard Accessory
48-22-8871	5PC 5 lbs D-Ring Web Attachment
48-22-8880	5PC 2 lbs 3/4" Split Ring
48-22-8881	5PC 2 lbs 1" Split Ring
48-22-8882	5PC 2 lbs 1-1/2" Split Ring
48-22-8883	5PC 2 lbs 2" Split Ring
48-22-8860	12' Self-Adhering Tape

## SAFETY VESTS



Part No.	Description
S/M: 48-73-5021 L/XL: 48-73-5022 2XL/3XL: 48-73-5023	Class 2 Safety Vest – Yellow (ANSI)
S/M: 48-73-5061 L/XL: 48-73-5062 2XL/3XL: 48-73-5063	Class 2 Safety Vest – Yellow (ANSI/CSA)
S/M: 48-73-5031 L/XL: 48-73-5032 2XL/3XL: 48-73-5033	Class 2 Safety Vest – Orange (ANSI)
S/M: 48-73-5071 L/XL: 48-73-5072 2XL/3XL: 48-73-5073	Class 2 Safety Vest – Orange (ANSI/CSA)
S/M: 48-73-5041 L/XL: 48-73-5042 2XL/3XL: 48-73-5043	Class 2 Performance Safety Vest – Yellow (ANSI)
S/M: 48-73-5081 L/XL: 48-73-5082 2XL/3XL: 48-73-5083	Class 2 Performance Safety Vest – Yellow (ANSI/CSA)
S/M: 48-73-5051 L/XL: 48-73-5052 2XL/3XL: 48-73-5053	Class 2 Performance Safety Vest – Orange (ANSI)
S/M: 48-73-5091 L/XL: 48-73-5092 2XL/3XL: 48-73-5093	Class 2 Performance Safety Vest – Orange (ANSI/CSA)

## ONE-POCKET VESTS



Part No.	Description
S/M: 48-73-2241 L/XL: 48-73-2242 2XL/3XL: 48-73-2243 4XL/5XL: 48-73-2244	Class 2 Mesh One-Pocket Safety Vest – Yellow (ANSI)
S/M: 48-73-2245 L/XL: 48-73-2246 2XL/3XL: 48-73-2247 4XL/5XL: 48-73-2248	Class 2 Mesh One-Pocket Safety Vest – Orange (ANSI)
S/M: 48-73-2251 L/XL: 48-73-2252 2XL/3XL: 48-73-2253 4XL/5XL: 48-73-2254	Class 2 Mesh One-Pocket Safety Vest – Yellow (ANSI/CSA)
S/M: 48-73-2255 L/XL: 48-73-2256 2XL/3XL: 48-73-2257 4XL/5XL: 48-73-2258	Class 2 Mesh One-Pocket Safety Vest – Orange (ANSI/CSA)

## CUT RESISTANT GLOVES



Part No.	Description
S: 48-22-8900 M: 48-22-8901 L: 48-22-8902 XL: 48-22-8903 XXL: 48-22-8904	Cut Level 1 Nitrile Dipped Gloves
S: 48-22-8925 M: 48-22-8926 L: 48-22-8927 XL: 48-22-8928 XXL: 48-22-8929	Cut Level 2 Nitrile Dipped Gloves
S: 48-22-8930 M: 48-22-8931 L: 48-22-8932 XL: 48-22-8933 XXL: 48-22-8934	Cut Level 3 Nitrile Dipped Gloves
S: 48-22-8945 M: 48-22-8946 L: 48-22-8947 XL: 48-22-8948 XXL: 48-22-8949	Cut Level 4 Nitrile Dipped Gloves
S: 48-22-8954 M: 48-22-8953 L: 48-22-8952 XL: 48-22-8951 XXL: 48-22-8950	Cut Level 5 Nitrile Dipped Gloves
S: 48-73-8910 M: 48-73-8911 L: 48-73-8912 XL: 48-73-8913 XXL: 48-73-8914	High Visibility Cut Level 1 Polyurethane Dipped Gloves
S: 48-73-8920 M: 48-73-8921 L: 48-73-8922 XL: 48-73-8923 XXL: 48-73-8924	High Visibility Cut Level 2 Polyurethane Dipped Gloves
S: 48-73-8930 M: 48-73-8931 L: 48-73-8932 XL: 48-73-8933 XXL: 48-73-8934	High Visibility Cut Level 3 Polyurethane Dipped Gloves
S: 48-73-8940 M: 48-73-8941 L: 48-73-8942 XL: 48-73-8943 XXL: 48-73-8944	High Visibility Cut Level 4 Polyurethane Dipped Gloves
S: 48-73-8950 M: 48-73-8951 L: 48-73-8952 XL: 48-73-8953 XXL: 48-73-8954	High Visibility Cut Level 5 Polyurethane Dipped Gloves

## AR/FR VESTS



Part No.	Description
S/M: 48-73-5201 L/XL: 48-73-5202 2XL/3XL: 48-73-5203 4XL/5XL: 48-73-5204	AR/FR Cat. 1 Class 2 Mesh Safety Vest – Yellow (ANSI)
S/M: 48-73-5211 L/XL: 48-73-5212 2XL/3XL: 48-73-5213 4XL/5XL: 48-73-5214	AR/FR Cat. 1 Class 2 Breakaway Mesh Safety Vest – Yellow (ANSI/CSA)
S/M: 48-73-5221 L/XL: 48-73-5222 2XL/3XL: 48-73-5223 4XL/5XL: 48-73-5224	AR/FR Cat. 1 Class 3 Mesh Safety Vest – Yellow (ANSI)
S/M: 48-73-5231 L/XL: 48-73-5232 2XL/3XL: 48-73-5233 4XL/5XL: 48-73-5234	AR/FR Cat. 1 Class 3 Breakaway Mesh Safety Vest – Yellow (ANSI/CSA)
S/M: 48-73-5301 L/XL: 48-73-5302 2XL/3XL: 48-73-5303 4XL/5XL: 48-73-5304	AR/FR Cat. 1 Class 2 Safety Vest – Yellow (ANSI)
S/M: 48-73-5311 L/XL: 48-73-5312 2XL/3XL: 48-73-5313 4XL/5XL: 48-73-5314	AR/FR Cat. 1 Class 2 Breakaway Safety Vest – Yellow (ANSI/CSA)
S/M: 48-73-5321 L/XL: 48-73-5322 2XL/3XL: 48-73-5323 4XL/5XL: 48-73-5324	AR/FR Cat. 1 Class 3 Safety Vest – Yellow (ANSI)
S/M: 48-73-5331 L/XL: 48-73-5332 2XL/3XL: 48-73-5333 4XL/5XL: 48-73-5334	AR/FR Cat. 1 Class 3 Breakaway Safety Vest – Yellow (ANSI/CSA)

## HIGH DEXTERITY CUT RESISTANT GLOVES



Part No.	Description
S: 48-73-8720 M: 48-73-8721 L: 48-73-8722 XL: 48-73-8723 XXL: 48-73-8724	Cut 2 High Dex Gloves
S: 48-73-8730 M: 48-73-8731 L: 48-73-8732 XL: 48-73-8733 XXL: 48-73-8734	Cut 3 High Dex Gloves
S: 48-73-8740 M: 48-73-8741 L: 48-73-8742 XL: 48-73-8743 XXL: 48-73-8744	Cut 4 High Dex Gloves



**CUSTOMIZE YOUR PPE**



## RESPIRATORS



Part No.	Description
48-73-4001	N95 Valved Respirator w/ Gasket
48-73-4004	10PK N95 Valved Respirator w/ Gasket
48-73-4011	N95 Valved Respirator
48-73-4014	10PK N95 Valved Respirator
48-73-4031	1PK N95 Respirator
48-73-4034	10PK N95 Respirator
48-73-4035	20PK N95 Respirator



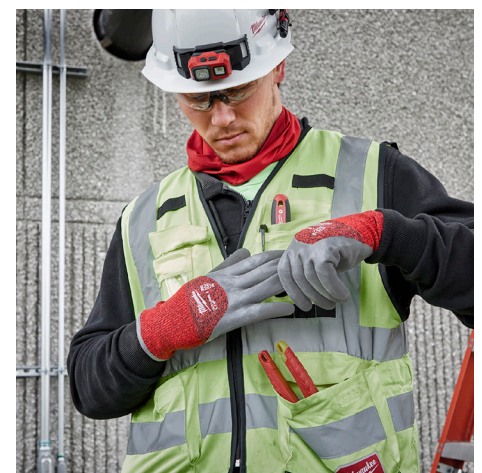
## SAFETY HELMETS



Part No.	Description
48-73-1300	White Vented Helmet w/ BOLT™ - Class C
48-73-1301	White Helmet w/ BOLT™ - Class E
48-73-1302	Yellow Vented Helmet w/ BOLT™ - Class C
48-73-1303	Yellow Helmet w/ BOLT™ - Class E
48-73-1304	Blue Vented Helmet w/ BOLT™ - Class C
48-73-1305	Blue Helmet w/ BOLT™ - Class E
48-73-1306	Green Vented Helmet w/ BOLT™ - Class C
48-73-1307	Green Helmet w/ BOLT™ - Class E
48-73-1308	Red Vented Helmet w/ BOLT™ - Class C
48-73-1309	Red Helmet w/ BOLT™ - Class E
48-73-1310	Black Vented Helmet w/ BOLT™ - Class C
48-73-1311	Black Helmet w/ BOLT™ - Class E
48-73-1312	Orange Vented Helmet w/ BOLT™ - Class C
48-73-1313	Orange Helmet w/ BOLT™ - Class E
48-73-1320	White Front Brim Vented Helmet w BOLT™ - Class C
48-73-1321	White Front Brim Helmet w/ BOLT™ - Class E
48-73-1322	Yellow Front Brim Vented Helmet w/ BOLT™ - Class C
48-73-1323	Yellow Front Brim Helmet w/ BOLT™ - Class E
48-73-1324	Blue Front Brim Vented Helmet w/ BOLT™ - Class C
48-73-1325	Blue Front Brim Helmet w/ BOLT™ - Class E
48-73-1326	Green Front Brim Vented Helmet w/ BOLT™ - Class C
48-73-1327	Green Front Brim Helmet w/ BOLT™ - Class E
48-73-1328	Red Front Brim Vented Helmet w/ BOLT™ - Class C
48-73-1329	Red Front Brim Helmet w/ BOLT™ - Class E
48-73-1330	Black Front Brim Vented Helmet w/ BOLT™ - Class C
48-73-1331	Black Front Brim Helmet w/ BOLT™ - Class E
48-73-1332	Orange Front Brim Vented Helmet w/ BOLT™ - Class C
48-73-1333	Orange Front Brim Helmet w/ BOLT™ - Class E
48-73-1337	Gray Front Brim Helmet w/ BOLT™ - Class E

Part No.	Description
48-73-1410	BOLT™ Eye Visor - Clear Dual Coat Lens (Compatible w/ Milwaukee® Safety Helmets & Hard Hats)
48-73-1415	BOLT™ Eye Visor - Tinted Dual Coat Lens (Compatible w/ Milwaukee® Safety Helmets & Hard Hats)
48-73-1420	BOLT™ Full Face Shield - Clear Dual Coat Lens (Compatible w/ Milwaukee® Safety Helmets & Hard Hats)
48-73-1425	BOLT™ Full Face Shield - Gray Dual Coat Lens (Compatible w/ Milwaukee® Safety Helmets & Hard Hats)
48-73-1430	BOLT™ Full Face Shield - Metal Mesh (Compatible w/ Milwaukee® Safety Helmets & Hard Hats)
48-73-1070	BOLT™ Sunshade
48-73-1072	BOLT™ Sun Visor w/ Sunshade
48-73-1073	BOLT™ Sun Visor
48-73-3250	BOLT™ 24dB Earmuffs
48-73-3251	BOLT™ 26dB Earmuffs
48-73-1094	BOLT™ Low-Profile Headlamp Mount
2118-21	BOLT™ REDLITHIUM™ USB Headlamp
48-73-1411	BOLT™ Eye Visor - Clear Dual Coat Lens (Compatible w/ Milwaukee® Safety Helmets)
48-73-1416	BOLT™ Eye Visor - Tinted Dual Coat Lens (Compatible w/ Milwaukee® Safety Helmets)
48-73-1421	BOLT™ Full Face Shield - Clear Dual Coat Lens (Compatible w/ Milwaukee® Safety Helmet [No Brim])
48-73-1426	BOLT™ Full Face Shield - Gray Dual Coat Lens (Compatible w/ Milwaukee® Safety Helmet [No Brim])
48-73-1431	BOLT™ Full Face Shield - Metal Mesh (Compatible w/ Milwaukee® Safety Helmet [No Brim])
48-73-1432	5PK Mesh Shield Replacement (Helmet & Hard Hat Mount)
48-73-1433	10PK Mesh Shield Replacement (Helmet & Hard Hat Mount)
48-73-1434	5PK Mesh Shield Replacement (No-brim Helmet Only Mount)

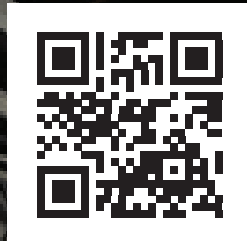
Part No.	Description
48-73-1435	10PK Mesh Shield Replacement (No-brim Helmet Only Mount)
48-73-1440	5PK Clear Face Shield Replacement Lenses (Helmet & Hard Hat Mount)
48-73-1441	10PK Clear Face Shield Replacement Lenses (Helmet & Hard Hat Mount)
48-73-1442	5PK Gray Face Shield Replacement Lenses (Helmet & Hard Hat Mount)
48-73-1443	10PK Gray Face Shield Replacement Lenses (Helmet & Hard Hat Mount)
48-73-1444	5PK Clear Face Shield Replacement Lenses (No-brim Helmet Only Mount)
48-73-1445	10PK Clear Face Shield Replacement Lenses (No-brim Helmet Only Mount)
48-73-1446	5PK Gray Face Shield Replacement Lenses (No-brim Helmet Only Mount)
48-73-1447	10PK Gray Face Shield Replacement Lenses (No-brim Helmet Only Mount)
48-73-1448	BOLT™ Full Face Shield Mount Replacement (Helmet & Hard Hat)
48-73-1449	BOLT™ Full Face Shield Mount Replacement (No Brim Helmet Only)
48-73-1450	5PK Clear Eye Visor Replacement Lenses
48-73-1451	10PK Clear Eye Visor Replacement Lenses
48-73-1452	5PK Tinted Eye Visor Replacement Lenses
48-73-1453	10PK Tinted Eye Visor Replacement Lenses
48-73-1458	BOLT™ Eye Visor Mount Replacement (Helmet & Hard Hat)
48-73-1459	BOLT™ Eye Visor Mount Replacement (Helmet Only)
48-73-1084	Helmet Chin Strap
48-73-1092	Helmet Sweatband
48-73-1093	Helmet Liner
48-73-1098	Helmet Ratchet Suspension



# PACKOUT™

**MOST** VERSATILE  
**DURABLE**  
MODULAR STORAGE SYSTEM

**VIRTUALLY  
BUILD YOUR  
SYSTEM**



or visit <https://qr.mke.tl/2rzwd>



**STORAGE & ORGANIZATION**



Part No.	Description
48-22-8112	Electrician's Work Pouch w/ Quick-Adjust Belt
48-22-8118	Compact Utility Pouch
48-22-8119	Utility Pouch
48-22-8180	Zipper Pouch
48-22-8193	3PC Zipper Pouches
48-22-8460	PACKOUT™ 16 Qt Compact Cooler
48-22-8462	PACKOUT™ XL Cooler
48-22-8301	PACKOUT™ Backpack
48-22-8303	PACKOUT™ Structured Backpack
48-22-8311	PACKOUT™ 10" Structured Tote
48-22-8315	PACKOUT™ 15" Tote
48-22-8316	PACKOUT™ 15" Structured Tool Bag
48-22-8317	PACKOUT™ 15" Structured Tote
48-22-8393B	PACKOUT™ 30 oz Tumbler - Black
48-22-8393R	PACKOUT™ 30 oz Tumbler - Red
48-22-8422	PACKOUT™ Compact Tool Box
48-22-8424	PACKOUT™ Tool Box
48-22-8425	PACKOUT™ Large Tool Box
48-22-8427	PACKOUT™ Rolling Tool Box
48-22-8430	PACKOUT™ Organizer
48-22-8431	PACKOUT™ Low-Profile Organizer
48-22-8435	PACKOUT™ Compact Organizer

Part No.	Description
48-22-8436	PACKOUT™ Low-Profile Compact Organizer
48-22-8485	PACKOUT™ Mounting Plate
48-22-8488	PACKOUT™ Customizable Work Top
48-22-8410	PACKOUT™ Dolly
48-22-8415	PACKOUT™ 2-Wheel Cart
48-22-8440	PACKOUT™ Crate
48-22-8480	PACKOUT™ 2-Shelf Racking Kit
48-22-8481	PACKOUT™ Racking Shelf
48-22-8482	Vertical E-Track (2PK)
48-22-8429	PACKOUT™ XL Tool Box
48-22-8428	PACKOUT™ Rolling Tool Chest
48-22-8432	PACKOUT™ Deep Organizer
48-22-8442	PACKOUT™ 2-Drawer Tool Box
48-22-8443	PACKOUT™ 3-Drawer Tool Box
48-22-8444	PACKOUT™ Low-Profile Customizable
48-22-8447	PACKOUT™ Low-Profile Customizable Foam Insert
48-22-8396R	PACKOUT™ 24oz Insulated Bottle with Chug Lid
48-22-8397R	PACKOUT™ 36oz Insulated Bottle with Chug Lid

**PACKOUT™ SHOP STORAGE**



Part No.	Description
48-22-8445	PACKOUT™ Cabinet
48-22-8496	PACKOUT™ Compact Wall Plate
48-22-8497	PACKOUT™ Large Wall Plate
48-22-8330	PACKOUT™ 9" Straight Hook
48-22-8331	PACKOUT™ 6" Curved Hook
48-22-8332	PACKOUT™ Wide Hook
48-22-8333	PACKOUT™ 4" S-Hook
48-22-8334	PACKOUT™ 4" Straight Hook
48-22-8335	PACKOUT™ 3" Curved Hook
48-22-8336	PACKOUT™ Organizer Cup
48-22-8337	PACKOUT™ Roll Holder
48-22-8338	PACKOUT™ M12™ Battery Rack
48-22-8339	PACKOUT™ M18™ Battery Rack
48-22-8340	PACKOUT™ Tool Rack
48-22-8341	PACKOUT™ Screwdriver Rack
48-22-8343	PACKOUT™ Tool Station
48-22-8347	PACKOUT™ Compact Shelf
48-22-8349	PACKOUT™ Long Handle Tool Rack
48-22-8062	PACKOUT™ Bin Set - 2PK
48-22-8063	PACKOUT™ Large Bin Set - 2PK





# TOOL REPAIR OPTIONS

1



## eSERVICE

The **24/7** solution for quick, convenient repairs; best for smaller tool quantities

### SUBMIT INFO



Fill out tool and user information at [milwaukeetool.com/eservice](http://milwaukeetool.com/eservice)

### PRINT LABEL



Print a free FedEx shipping label for the Milwaukee® Tool repair facility

### GET TOOL



Your repaired tool will be returned directly to you – no need to pick it up

2



## FACTORY SERVICE CENTERS

- Fast turn-around: get your tool back in 7 – 10 business days
- Repairs under warranty are covered at no charge
- Repairs performed by factory-trained technicians are done using only genuine Milwaukee® parts
- Refer to back page for Factory Service Center locations

3

## AUTHORIZED SERVICE CENTERS

- Hundreds of locations throughout the U.S.
- Repairs under warranty are covered at no charge
- Repairs performed by factory-trained technicians using only genuine Milwaukee® parts
- For Authorized Service Center locations, refer to [milwaukeetool.com/Support/Find-A-Service-Center](http://milwaukeetool.com/Support/Find-A-Service-Center)

### IS MY TOOL COVERED UNDER WARRANTY?

#### YES

##### WARRANTY SERVICE:

- Free repairs or replacements for Milwaukee® products defective in material or workmanship
- Qualifying products must be within their specific warranty period

#### NO

##### LIGHTNING MAX REPAIR:

- Speed:** Repairs in 7 – 10 business 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

Visit [milwaukeetool.com/warranty](http://milwaukeetool.com/warranty) for more information

# FACTORY SERVICE CENTERS

Benefit from a face-to-face experience with professional representatives and service technicians, whether your repair needs are large or small. 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

949 Providence Hwy  
Norwood, MA 02062

### Charlotte

510 Eagleton Downs  
Suite A  
Pineville, NC 28134

### Chicago

6310 Gross Point Road  
Niles, IL 60714

### Cleveland

8200 Sweet Valley Drive  
Suite 108  
Valley View, OH 44125

### Dallas

1625 W Mockingbird Lane  
Unit 205  
Dallas, TX 75235

### Denver

2500 W 8th Avenue  
Unit E  
Denver, CO 80204

### Greenwood

2198 Southtech Drive  
Greenwood, IN 46143

### Houston

3566 West T.C. Jester Blvd  
Houston, TX 77018

### Las Vegas

6738 W Sunset Road  
Bldg A, Suite 170  
Las Vegas, NV 89118

### Miami

3311 NW 82nd Avenue  
Doral, FL 33122

### Minneapolis/St. Paul

9705 Valley View Road  
Eden Prairie, MN 55344

### Milwaukee

13145 W Lisbon Road  
Brookfield, WI 53005

### New York City

30-68 Whitestone Expressway  
Flushing, NY 11354

### Philadelphia

711 – 713 West Chester Pike  
Havertown, PA 19083

### San Antonio

14329 San Pedro Avenue  
Suite D  
San Antonio, TX 78232

### San Diego

7851 Clairemont Mesa Blvd  
San Diego, CA 92111

### SF/Oakland Bay Area

2341 Lincoln Avenue  
Hayward, CA 94545

### Seattle

5963 Corson Avenue South  
Suite 104  
Seattle, WA 98108

### Washington D.C.

11900 Baltimore Avenue  
Suite B  
Beltsville, MD 20705

## WARRANTY REPAIR

Free repairs or replacements for Milwaukee® products defective in material or workmanship and within their warranty period.

- Date code of tool will be used to determine if product is within warranty period
- Copy of invoice or bill of sale will be required for warranty verification if date code is over warranty period

## Product Warranties

Warranty Period	Product Covered
5-Year Limited	Portable Power Tools, Test & Measurement, Air Nailer, Stapler
2-Year Limited	Airless Paint Sprayer, Portable Generator, Light Equipment, MX FUEL™ Equipment
1-Year Limited	M12™ Heated Gear, Hoist, Reconditioned Product, Jobsite Radios
Lifetime Limited	Hand Tools

## Battery Warranties

Warranty Period	Product Covered
3-Year	M12™, M18™ and M28™ REDLITHIUM™ XC Battery Packs M28™ XC Lithium-Ion Battery Packs
2-Year	M4™, M12™ and M18™ REDLITHIUM™ CP2.0 Battery Packs, M12™ and M18™ REDLITHIUM™ CP1.5 Battery Packs, M12™ and M18™ Compact Lithium-Ion Battery Packs, M12™ XC Lithium-Ion Battery Packs, V4 Lithium-Ion Battery Packs, MX FUEL™ Battery Packs
2-Year – Plus, 3-Year Prorated	M18™ XC Lithium-Ion Battery Packs, V18 V-Technology Lithium-Ion Battery Packs Serial # Prefix “A95”, V28 V-Technology Lithium-Ion Battery Packs
1-Year	Ni-Cd, Ni-Cd Super Tough, Ni-Cd Power-Plus, Ni-MH Battery Packs, V18 V-Technology Lithium-Ion Battery Packs Serial # Prefix “E95”

## Products not covered under 30-Day Satisfaction Policy:

- Panel Saws
- Mag Stands
- Diamond Drilling Equipment
- Sprayers
- Breaker/Demo Hammers
- Obsolete Tools
- Drain Cleaning
- Reconditioned Tools
- Accessories
- FORCE LOGIC™
- Hoist and Trolleys
- Service Parts
- Batteries (unless part of eligible tool kit)

Visit [milwaukeetool.com](http://milwaukeetool.com) for more details





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**M12**<sup>™</sup>

**PORTABLE PRODUCTIVITY.**  
TRADE FOCUSED. SYSTEM WIDE.

**100+ TOOLS**



**M18**<sup>™</sup>

**PERFORMANCE DRIVEN.**  
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**275+ TOOLS**



**MX  
FUEL**<sup>™</sup>

**EQUIPMENT REDEFINED**  
TRADE FOCUSED  
SYSTEM WIDE

