





The MX FUEL™ Equipment System revolutionizes the light equipment market by delivering the performance, run-time, and durability demanded by the trades without the hazards associated with emissions, noise, vibration, and the frustrations of gas maintenance. This completely compatible system goes beyond the limitations of gasoline and power-cord units, utilizing the industry's most advanced batteries, motors, and electronics to deliver a best-in-class experience for users.

THIS IS EQUIPMENT REDEFINED.









#### MX FUEL" 70 kg Rammer Kit

MXF270-2HD

#### Specifications:

		-
Plate Width	11"	
Weight w/ Battery	172 lbs	
Max Travel Speed	78 ft/min	2.0
Foldable Handles	No	
Height w/Handlebar	40.5"	
Push Button Start	Yes	
AUTO-STOP™ Compatible	Safety and Control	
Speed Control	Fast & Slow	
ONE-KEY™ Compatible	Track and Manage w/ included ONE-KEY	™ Bluetooth® Card
Battery Compatibility	Fits All MX FUEL™ Batt	eries

Kit Includes: MX FUEL™ 70 kg Pammer, (2) MX FUEL™ REDUTHIUM™ FORGE™ HD12.0 Battery Packs and MX FUEL™ Super Charger



#### MX FUEL" 20" Plate Compactor Kit

2 Year Equipment, Battery & Charger

2 Year Equipment, Battery & Charger

MXF220-2HD

Warranty

#### Specifications:

The state of the s	
Plate Width	20"
Centrifugal Force	3,700 lbf
Weight w/ Battery	174 lbs
Max Travel Speed	86ft/min
Foldable Handles	Yes
Height (w/ Handlebar Folded)	23"
Push Button Start	Yes
Multi-Direction Capability	Yes, Forward & Reverse
Speed Control	Fast & Slow
ONE-KEY™ Compatible	Track and Manage w/included ONE-KEY™ Bluetooth® Card
Battery Compatibility	Fits All MX FUEL™ Batteries

Kit Includes: MX FUEL™ 20" Plate Compactor, (2) MX FUEL™ REDLITHIUM™ FORGE™ HD12.0 Battery Packs and MX FUEL™ Super Charger



#### MX FUEL"1HP 2" Submersible Pump Kit

MXF211-1XC

Warranty

#### Specifications:

Performance Modes	High, Auto, Low	
Auto Shut-Off	Yes, less than 1' of water	
Max Row Pate	86	
Max Head Height	59'	
Motor Output	1 HP	
Discharge Bore	2"	
Cable Length	35'	
Remote	Included / Rum p Status Notifications	
ONE-KEY™ Compatible	Track and Manage	
Battery Compatibility	Fits All MX FUEL™ Batteries	
Warranty	2 Year Equipment, Battery & Charger	

Kit Includes: MX FUEL™ 1HP 2" Submersible Pump, (1) MX FUEL™ Portable Pump Power Base, (1) Pemote, (1) MX FUEL™ REDLITHIUM™ XC406 Battery Pack, (1) MX FUEL™ Charger



MX FUEL"14" Cut-Off Saw w/ RAPIDSTOP" Kit

MXF315-2XC

#### Specifications:

Blade Diameter	14"
Cut Depth	5"
Blade Arbor	1"/20mm
RPM	5,350
On-Board Bectric Water Delivery	Yes, Automatic
Blade Brake	Yes
Kiddback Control	Yes
Weight w/ Battery	29.6 lbs
Rush Button Start	Yes
ONE-KEY™ Compatible	Track and Manage
Battery Compatibility	Fits All MX FUEL™ Batteries
Warranty	2 Year Equipment, Battery & Charger

Kit Includes: MX FUEL™ 14" Cut-Off Saw w/ RAPIDSTOP™, (2) MX FUEL™ REDLITHIUM™ FORG E™ XC8.0 Battery Packs, MX FUEL™ Super Charger and DIAMOND ULTRA™ Blade

#### Available Accessories: (Included)

49-93-7540 14" Diamond Ultra" Segmented





49-93-7140 14" Diamond Universal segmented

49-93-7340 14" Ductile Iran Segmented

(Not Included)

49-93-7040 14" Diamond Segmented

49-93-7240 14" Asphalt & Green Concrete Segmented

49-93-7840 14" Steel Head Diam and Cut-Off

#### Additional Equipment: (Not Included)

3105 14" Out-Off Saw Cart



49-94-1475 14" x 1/8" x 1" Cut-Off Wheel (Type 1)





#### MX FUEL™Handheld Gore Drill Kit

MXF301-2CP

#### Specifications:

Maximum Bit Capacity	6"	
RPMs Low / High	790 / 1,550	
Spindle Size	1-1/4" - 7	
Wet/Dry Caring	Both	
On-Board Water Delivery	Yes	
Weight w/ Battery	21,6 lbs	
Push Button Start	Yes	
ONE-KEY™ Compatible	Track and Manage	
Battery Compatibility	Fits All MX FUEL™ Batteries	
Warranty	2 Year Equipment, Battery & Charger	

Kit Includes: MX FUEL™ Handheld Core Drill, (2) MX FUEL™ REDLITHIUM™ CP203 Battery Packs, MX FUEL™ Charger, Trigger Lock, 5/8" – 11 Bit Adapter, Quick Connect, Hard Case with Wheels

#### MX FUEL™Handheld Gore Drill Kit w/ Stand

MXF301-2GXS

#### Specifications:

Maximum Bit Capacity	6"	
RPMs Low / High	790 / 1,550	
Spindle Size	1-1/4" - 7	
Wet / Dry Coring	Both	
On-Board Water Delivery	Yes A	
Stand Included	Yes	
Weight: Machine w/CP Battery	21.6 lbs	
Weight: Stand Only	29 lbs	
Push Button Start	Yes	
ONE-KEY** Compatible	Track and Manage	
Battery Compatibility	Fits All MX FUEL™ Batteries	
Warranty	2 Year Equipment, Battery & Charger	

Kit Includes: MX FUEL™ Handheld Core Drill, (2) MX FUEL™ REDLITHIUM™ XC406 Battery Packs, MX FUEL™ Charger, Compact Core Drill Stand, Trigger Lock, 5/8" – 11 Bit Adapter, Quick Connect, Hard Case with Wheels

#### Available Accessories: (Not Included)

3019-21WS M18™ 4-Gallon WaterSupply Kit w/SWITCHTANK™



8960-20 M18 FUEL™ PACKOUT™ 9 Gallon Dual-Battery Dust Extractor w/VACLINK™ Kit



48-17-5030 3" Diamond Utra™ Wet Core Bit

Fastest Drilling, Maximum Run-Time 48-17-0130 3" Diamond Ultra™ Dry Core Bit

Fastest Drilling, Maximum Run-Time



#### MX FUEL™ Core Rig w/ Stand Kit

MXF302-2HD

#### Specifications:

-positive district		
Maximum Bit Capacity	14"	
Number of Gears	4	
Chuck Size	1-1/4" - 7	
Wet / Dry Coring	Both	
Drilling Depth	26.5"	1
On-Board Water Delivery	Yes	
Stand Induded	Yes	T V
Weight w/ Battery	109.5 lbs	
Push Button Start	Yés	
ONE-KEY™ Compatible	Track and Ma	nage
Battery Compatibility	Fits All MX FUEL™ Batteries	
Warranty	2 Year Equipment, Battery & Charger	

Kit Includes: MX FUEL™ Core Rig.(1) Core Rig Stand, (2) MX FUEL™ REDLITHIUM™ FORGE™ HD12.0 Battery Packs and MX FUEL™ Super Charger

#### Available Accessories: (Not Included)

3019-21WS M18™ 4-Gallon WaterSupply Kit w/SWITCHTANK™



Diamond Ultra™ Wet Core Bits Available sizes: 5/8" – 6"

Diamond Ultra™ Dry Core Bits Available sizes: 1-1/4" – 6"



Fastest Drilling, Maximum Run-Time



#### MX FUEL" Breaker Kit

MXF368-1XC

#### Specifications:

Chuck Size	1-1/8" Hex	
Blows Per Minute	1,300	- 10
Impact Energy (ft-lbs)	50	
Vibration	4.9 m /s²	7
Soft Start	Yes	100
Weight w/ Battery	63.9 lbs	- 40
Push Button Start	Yes	
ONE-KEY™ Compatible	Track and Manage	
Battery Compatibility	Fits All MX FUEL™ Batteri	es
Warranty	2 Year Equipment, Battery & Charger	

Kit Includes: MX FUEL™ Breaker, (1) MX FUEL™ REDLITHIUM™ XC406 Battery Pack, MX FUEL™ Charger, Cart, (3) Chisels



## Available Accessories: (Not Included)

48-62-4000 20" Mail Paint

48-62-4005 20" Narrow Chisel

48-62-4010 3" Chisel

48-62-4030 20" Clay Spade 48-62-4020 17-1/2" Asphalt Cutter

48-62-4060 15-1,0" Taminor Shari

15-1/2" Tam per Shank

48-62-4050 6" x 6" Tamper Plate

48-62-4055

8" x 8" Tamper Plate



#### MX FUEL™ Pipe Threading Machine Kit

MXF512-2XC

#### Specifications:

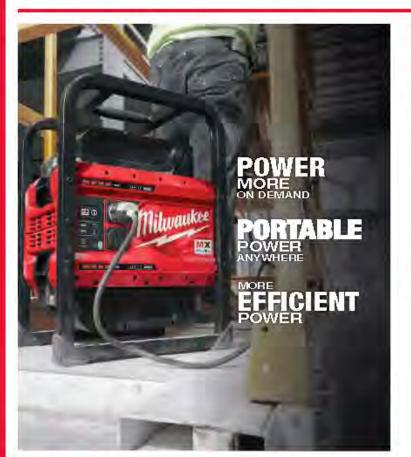
specifications.		
Pipe Capacity	1/8" - 2"	
Housing Material	All Metal Construction	CX
Collapsible Cart	Yes	XYX
Dual Hammer Chucks	Yes	LINA
Micro-Adjust Die Head	Yes	AVI
Self-Contained Oil Reservoir	Yes	000
Self-Oiling	Yes	
Compatible w/ Rigid Dies	Yes	
Roll Groove	Yes	
ONE-KEY™ Compatible	Track and Mana	ige
Battery Compatibility	Fits All MX FUE	L™ Batteries
Warranty	2 Year Equipme	nt, Battery & Charger

Kit Includes: MX FUEL™ Pipe Threading Machine, Cart, (2) MX FUEL™ REDLITHIUM™ XC406 Battery Packs, MX FUEL™ Charger, NPT Pipe Threading Die Head w/ Micro Adjust, 1/2" – 3/4" High Speed NPT Universal Pipe Threading Die Set, 1" – 2" High Speed NPT Universal Pipe Threading Die Set, Cutting Wheel, Dark Thread Cutting Oil

#### Available Accessories:

(Not Included)

Mikwaukee#	Description
48-36-1206	1"-2" HIGH SPEED FOR STAINLESS NPT UNIVERSAL PIPE THREADING DIES
48-36-1205	1/2"-3/4" HIGH SPEED FOR STAINLESS NPT UNIVERSAL PIPE THREADING DIES
48-36-1204	1"-2" HIGH SPEED NPT UNIVERSAL PIPE THREADING DIES
48-36-1203	1/2"-3/4" HIGH SPEED NPT UNIVERSAL PIPE THREADING DIES
48-36-1202	1"-2" ALLOY NPT UNIVERSAL PIPE THREADING DIES
48-36-1201	1/2"-3/4" ALLOY NPT UNIVERSAL PIPETHREADING DISS
49-08-5100	DARK THREAD CUTTING OIL



## MX FUEL CARRY-ON 3600W/1800W Power Supply Kit

MXF002-2XC

#### Specifications:

1800W	
(2) 120V 15A Outlets	
Pure Sine Wave	Milanakar
Yes	-
Yes	A
60 dB(a)	
Track and Manage	
Yes	
One 15 Amp Tool	
Fits All MX FUEL™ Batteries	
2 Year Equipment & Battery	
	(2) 120V 15A Outlets Pure Sine Wave Yes Yes 60 dB(a) Track and Manage Yes One 15 Amp Tool Rts All MX FUEL® Batterie

Kit Includes: MX FUEL™ CARRY-ON™ Power Supply, (2) MX FUEL™ REDLITHIUM™ XC406 Battery Packs, Detachable Charger Cord





MXF041-1XC

#### Specifications:

Max Lumens	27,000
Modes	High / Med / Low
Collapsed Height	44"
Extended Height	10'
Width	24"
Length	24.8"
Weight w/ Battery	116 lbs
Ingress Pating	1P56
Push Button Start	Yes
ONE-KEY™ Compatible	Customize. Track. Manage.
Battery Compatibility	Fits All MX FUEL™ Batteries
Warranty	2 Year Equipment and Battery

Kit Includes: MX FUEL™ ROCKET™ Tower Light/Charger, (1) MX FUEL™ REDLITHIUM™ XC406 Battery Pack









#### MX FUEL™ ROCKET™ Dual Power Compact Tower Light Kit

MXF040-1XC

#### Specifications:

Max Lumens	15,000
Modes	High / Med / Low
Collapsed Height	20"
Extended Height	8'
Width	12"
Length	28.5"
Weight w/ Battery	49.51bs
Ingress Pating	IPS6
Push Button Start	Yes
ONE-KEY™ Compatible	Track and Manage
Battery Compatibility	Fits All MX FUEL™ Batteries
Warranty	2 Year Equipment, Battery & Charger

Kit Includes: MX FUEL™ ROCKET™ Dual Power Compact Light, (1) MX FUEL™ REDLITHIUM™ XC406 Battery Pack, MX FUEL™ Charger









#### BATTERIES

#### NEW

#### MX FUEL" REDLITHIUM" FORGE" HD12.0 Battery Pack

MXFHD812



#### Specifications:

Compatibility	Fits All MX FUEL™ Equipment
Charge Duration	65 Minutes on Super / 160 Minutes on Standard
Capacity	12.0 Ah
Fuel Gauge	Yes
REDLINK** Intelligence	Yes
COOL-CYCLE™ Capable	Yes, with COOL-CYCLE™ Capable Chargers
ONE-KEY™ Compatible	Yes
Warranty	2 Year

#### MX FUEL" REDLITHIUM" XC406 Battery Paok (XC6.0)

MXFXG406



#### Specifications:

Compatibility	Fits All MX FUEL™ Equipment
Charge Duration	45 Minutes on Super / 90 Minutes on Standard
Capacity	6.0 Ah
Fuel Gauge	Yes
REDLINK™ htelligence	Yes
ONE-KEY™ Compatible	Yes
Warranty	2 Year

#### MX FUEL" REDLITHIUM" FORGE" XC8.0 Battery Pack

MXFXC608



#### Specifications:

Compatibility	Fits All MX FUEL* Equipment
Charge Duration	45 Minutes on Super / 110 Minutes on Standard
Capacity	8.0 Ah
Fuel Gauge	Yes
REDLINK™ Intelligence	Yes
COOL-CYCLE™ Capable	Yes, with COOL-CYCLE™ Capable Chargers
ONE-KEY™ Compatible	Yes
Warranty	2 Year

#### MX FUEL" REDLITHIUM" CP203 Battery Paok (CP3.0)



#### Specifications:

Compatibility	Fits All MX FUEL™ Equipment
Charge Duration	45 Minutes on Super / 45 Minutes on Standard
Capacity	3.0 Ah
Fuel Gauge	Yes
REDLINK™ htelligence	Yes
ONE-KEY** Compatible	No
Warranty	2 Year





MOST POWER **FASTEST** CHARGING LONGEST LIFE





XC8.0

#### CHARGERS

#### MX FUEL" Super Charger

MXESG

#### Specifications:

Compatibility	Charges All MX FUEL™ Batteries
Charge Pate	12A
REDLINK™ Intelligence	Yes
OOOL-CYCLE™ Active Cooling System	Yes, with COOL-CYCLE™ Capable Packs
ONE-KEY™	Yes
Charge Speeds	Charges MX FUEL™ XC6.0 in 45 Minutes, MX FUEL™ XC8.0 in 45 Minutes, Charges MX FUEL™ HD12.0 in 65 Minutes
Warranty	2 Year

#### MX FUEL\* Charger



#### Specifications:

Compatibility	Charges All MX FUEL™ Batteries
Charge Rate	4.5A
REDLINK™ Intelligence	Yes
COOL-CYCLE** Active Cooling System	No
ONE-KEY™	No
Charge Speeds	Charges MX FUEL™ C P203 in 45 Minutes, Charges MX FUEL™ XC6:0 in 90 Minutes
Warranty	2 Year

#### **EXPANSION KITS**

#### NEW

MX FUEL" REDLITHIUM" FORGE" HD12.0 Battery/Super Charger Expansion Kit

MXFSG-1HD12

Kit Includes: (1) MX PUEL™ REDLITHIUM™ FORGE™ HD12.0 Battery Pack, MX FUEL™ Super Charger









## ROLL-ON™ POWER SUPPLY



#### **TELESCOPING HANDLE**

Collapses to fit under truck covers



#### **SCREEN HMI**

Visible from 25 ft away

### ONE-KEY" COMPATIBLE

Track and manage

# USB PORT AND DEVICE STORAGE

- (1) USB-C
- (1) USB-A

#### PACKOUT" COMPATIBLE

#### (2) 20A DUPLEX BREAKERS

- (4) 20A GFCI outlets
- Starting: 7200W
- Continuous: 3600W

#### PASS-THROUGH POWER

Charge and discharge at the same time

#### CHARGING PORT

- 3 hour charge to 100%
- 35 minutes charge to 25%

#### Indoor & Temporary Outdoor Use

No Emissions

- Low Noise
- ✓ IP54 Rated for temporary outdoor use
- Maximized Mobility

## High Power 1kW Charger

- 35 minutes +25%
- 3 hours 0-100%
- Passthrough Power



			RUNT	IME			
A		1000	<b>6</b>		W-30.W		Min- KCG.o
161	2,854	410	12,506	76	600-2400	35	20
Z'THREADS	FRAMING NAILS	QSB CLITS	GALLONS PUMPED	MBALS	TV MINUTES	RECHARGES	RECHARGES

Milwauke

## M18 FUEL™ COMBO KITS

#### M18 FUEL" 7-Tool Combo Kit

3697-27



Includes:

M18 FUEL" 1/2" Hammer DrilVDriver (Tool Only) (2904-20) M18 FUEL" 1/4" Hex Impact Driver (Tool Only) (2953-20)

M18 FUEL\* SAWZALL® Recip Saw (Tool Only) (2821-20)

M18 FUEL\* 6-1/2" Circular Saw (Tool Only) (27:30-20)

M18 FUEL" 4-1/2" / 5" Braking Grinder Paddle Switch, No-Lock (Tool Only) (2880-20)

M18 FUEL\*\* 1/2" Mid-Torque Impact Wrench w/ Friction Ring (Tool Only) (2962-20)

M18" Work Light (2735-20).

(2) M18" REDLITHIUM" XOS.0 Batteries (48-11-1850)

M18" & M12" Multi-Voltage Charger (48-59-1812)

(2) Contractor Bags

## M18 FUEL" 5-Tool Combo Kit 3697-25 Nilwauke Includes: M18 FUEL" 1/2" Hammer Drill/Drive (Tool Only) (2904-20) M18 FUEL" 1/4" Hex Impact Driver (Tool Only) (2953-20) M18 FUEL" SAWZALL® Recip Saw (Tool Only) (2821 -20) M18 FUEL" 6-1/2" Circular Saw (Tool Only) (2730-20) M18" Work Light (2735-20)

(2) M18" REDLITHIUM™ X05.0 Batteries (48-11-1850)

M18" & M12" Multi-Voltage Charger (48-59-1812)

Contractor Bag, Side Handle, (2) Belt Clips

Circular Saw Blade, Blade Wrench

#### M18 FUEL" 2-Tool Combo Kit: **Hammer Drill & Impact**

3697-22

Includes:

(48-11-1850)

(48-59-1812)

Carrying Case

(2) Belt Clips, Side Handle



M18 FUEL" 2-Tool Combo Kit w/ ONE-KEY"

3696-22

M18 FUEL\*\* 1/2" Hammer Drill/Driver w/ ONE-KEY" (Tool Only) (2906-20) M18 FUEL" 1/4" Hex Impact Driver w/ ONE-KEY" (Tool Only) (2957-20) (2) M18" REDLITHIUM" XCS.0 Batteries (48-11-1850) M18" & M12" Multi-Voltage Charger

(48-59-1812)

Side Handle

Carrying Case

#### M18" Compact Brushless 2-Tool Combo Kit

3693-22CX



Includes:

M18" Compact Brushless 1/2" Hammer DrilVDriver (Tool Only) (3602-20)

M18" Compact Brushless 1/4" Hex 3-Speed Impact Driver (Tool Only) (3651-20)

M18" REDLITHIUM" XC4.0 Battery (48-11-1840) M18" REDLITHIUM" CP2.0 Battery (48-11-1820)

M18" & M12" Multi-Voltage Charger (48-59-1812)

Contractor Bag.

## M18 FUEL™ 1/2" High Torque Impact Wrench w/ Friction Ring & Grease Gun Combo Kit

2967-22GG

#### M18 FUEL" 1/2" High Torque Impact Wrench w/ Friction Ring (2967-20) M18™ 2-Speed Grease Gun (Tool Only) (2646-20) M18" REDLITHIUM"

XOS.D Resistant Battery (48-11-1850R) M18" REDLITHIUM"

CP2.0 Battery (48-11-1820)

M18\*\* & M1 2\*\* Multi-Voltage Charger (48-59-1812)

Contractor Bag



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## M18 FUEL™ DRILLING & FASTENING

#### M18 FUEL™ 1/2" Hammer Drill/Driver Kit

#### **Specifications**

Voltage: 18V Length: 6.9" Weight: 3.2 lbs PeakTorque: 1400 in-lbs RPM: 0-500/ 0-2,100 Number of Clutch Settings: 14



Mihvaukaa#	Includes
2904-22	TOOL, (2) M18 BATTERIES, CHARGER, CARRYING CASE
2904-20	TOOLONLY

#### M18 FUEL\*\* 1/2\* Hammer Drill/Driver w/ ONE-KEY\*\*

#### **Specifications**

Voltage: 18V Length: 7" Weight: 3.4 lbs Max Torque: 1,400 in-lbs RPM: 0-2,100



ės:
ONLY

#### M18 FUEL" 1/2" Drill Driver Kit

#### **Specifications**

Voltage: 18V Length: 6.9" Weight: 3.2 lbs Peak Torque: 1400 in-lbs RPM: 0-500/ 0-2,100 Number of Clutch Settings: 14 Belt Clip: Yes



Milwaukee #	Includes
2903-22	TOOL, (2) MH 8 BATTERIES, CHARGER, CARRYING CASE
2903-20	TOOL ONLY

# M18 FUEL" 1/2" Drill/Driver w/ ONE-KEY"

#### **Specifications**

Voltage: 18V Length: 6.9" Weight: 3.2 lbs Max Torque: 1,400 in-lbs RPM: 0-2,100



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DOL ONLY

#### M18 FUEL" 1/4" Hex Impact Driver Kit

#### Specifications

Voltage: 18V
Length: 4.5"
Weight: 2.2 lbs
Max Torque: 2,000 in-lbs
RPM: 0-3,600
IPM: 0-4,400
Drive Control: 4-Mode
Chuck Type: 1/4" Hex
Single Hand Bit Insertion: Yes



Mihvaukee #	Includes
2953-22	TOOL, (2) M18 BATTERIES, CHARGER, CARRYING CASE
2953-20	TOOL ONLY

#### M18 FUEL" 1/4" Hex Impact Driver w/ ONE-KEY"

#### Specifications

Voltage: 18V Length: 4.5" Weight: 2.3 lbs Max Torque: 2,000 in-lbs RPM: 0-3,900 Drive Control: 4-Mode



Mihyaukaa#	Includes	
2957-20	TOOL ONLY	

## M18 FUEL™ DRILLING & FASTENING

#### M18 FUEL" SUPER HAWG" 1/2" Right Angle Drill

#### **Specifications**

Voltage: 18V Chuck Type: QUIK-LOK Chuck Size: 1/2" Length: 20.5" Weight: 12.5 lbs RPM Range: 0 - 1,550



Milwaukee #	Includes	
2809-20	TOOL ONLY	

#### M18 FUEL" SUPER HAWG" Right Angle Drill w/ QUIK-LOK"

#### Specifications

Voltage: 18V Chuck Type: QUIK-LOK Chuck Size: 7/16" Length: 20.5" Weight: 12.1 lbs RPM Range: 0 - 1,950



Milwaukee #	Includes	
2811-20	TOOL ONLY	

#### M18 FUEL" 1" High Torque Impact Wrench w/ ONE-KEY" Kit

Voltage: 18V Length: 10.9" Weight 10.5 lbs Fastening Torque: 0-1,500 ft-lbs. fastening Nut Busting Torque: 0-1,800 ft-lbs. breakway Drive Control: 4-Mode Customizable No Load RPM: 0-1,650



NATIONAL DESIGNATION OF		
Milwaukee # 2867-22		
2867-20	TOOL ONLY	

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

#### Specifications

Voltage: 18V Length: 17.9" Weight: 24.4 lbs Fastening Torque: 0-1,900 ft-lbs Nut Busting Torque: 0-2,000 ft-lbs Drive Control: 4-Mode Customizable No Load RPM: 0-1,200 No Load IPM: 0-1,440



Milwaukee #	Includes
2868-22HD	TOOL,(2) NH 8 BATTERIES, CHARGER, HANDLE, LANYARD LOOP, BAG
2868-20	TOOL DNLY

#### M18 FUEL" 3/4" High Torque Impact Wrench Friction Ring w/ ONE-KEY" Kit

#### **Specifications**

Voltage: 18V Length: 8.6" Weight: 6.3 lbs Fastening Torque: 0-1, 200 ft-lbs Nut Busting Torque: 0-1,500 ft-lbs Drive Control: 4-Mode Customizable No Load RPM: 0-1,800 No Load IPM: 0-2,400



Mihvaukee#	Includes
2864-22 R	TOOL, (2) 5.0 AH RESISTANT BATTERIES, CHARGER, CARRYING CASE
2864-20	TOOL ONLY

#### M18 FUEL™ 1/2" High Torque Impact Wrench w/Friction Ring Kit

#### Specifications

Voltage: 18V Length: 7.6" Weight: 7.5 lbs Wrench Type: High Torque Anvil Type: Friction Ring IPM: 0 - 2400 ipm Fastening Torque: 1100 ft/lbs Nut-Busting Torque: 1,900 ft-lbs



Mihwa ukaa #	Includes
2967-22	TOOL, (2) 5.0 AH RESISTANT BATTERIES, CHARGER, CARRYING CASE
2967-21F	TOOL, (1) 6.0 AH FORGE BATTERY, CHARGER, CONTRACTOR BAG
2967-218	TOOL (1) 5.0 AH RESISTANT BATTERY, CHARGER, CONTRACTOR BAG
2967-20	TOOL ONLY

## M18 FUEL™ DRILLING & FASTENING

#### M18 FUEL" 7/16" Hex Utility **High Torque Impact Wrench** w/ ONE-KEY" Kit

#### **Specifications**

Voltage: 18V Length: 8.2" Weight: 5.9 lbs Height: 10.5"



Mihwaukaa#	Includes
2865-22	TOOL, (2) M18 BATTERIES, CHARGER, BAG, INVERTER
2865-20	TOOL ONLY

#### M18 FUEL" 1/2" Mid-Torque Impact Wrench w/ Friction Ring Kit

#### Specifications

Voltage: 18V Height: 8.1" Length: 6" Weight: 3.5 lbs Width: 2.7"

Nut Busting Torque: 650 (ft-lbs) Fastening Torque: 950 (ft-lbs)

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OOL,(2) 5.0 AH RESISTANT BATTERIES, CHARGER, CARRYING CASE
OOL ONLY
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#### M18 FUEL" 1/2" Controlled **Mid-Torque Impact Wrench** w/ TORQUE-SENSE"

#### Specifications

Voltage: 18V Length: 65" Weight: 3.94 lbs RPM: 0 - 2,400 IPM: 0 - 3,000

Drive Control: 4-Mode Customizable Nut Busting Torque: 600 (ft-lbs) Fastening Torque: 950 (ft-lbs)





3062-20

TOOL ONLY

#### M18 FUEL" 3/8" Mid-Torque **Impact Wrench** w/ Friction Ring

#### Specifications

Voltage: 18V Length: 6" Weight: 5 lbs RPM: 0 - 2,575 IPM: 0 - 3,100

Nut Busting Torque: 600 (ft-lbs) Fastening Torque: 500 (ft-lbs)



	e# Includes	Milwaukee #
2960-20 TOOL ONLY	TOOL ONLY	2980-20

#### M18 FUEL" 1/2" Compact Impact Wrench w/ Friction Ring Kit

#### **Specifications**

Voltage: 18V Length: 4.9" Weight: 3.9 lbs Fastening Torque: 250 ft/lbs Nut-Busting Torque: 250 ft/lbs Maximum RPM: 2,400 IPM: 3,500



Miliwaukee #	Includes
2855-22R	TOOL,(2) 5.0 AH RESISTANT BATTERIES, CHARGER, CARRYING CASE
2885-20	TOOL ONLY

## M18 FUEL" 3/8" Compact Impact Wrench w/ Friction Ring Kit

#### Specifications

Voltage: 18V Length: 4.8" Weight: 3.9 lbs Fastening Torque: 250 ft/lbs Nut-Busting Torque: 250 ft/lbs Maximum RPM: 2,400 IPM: 3,500



Milwa ukaa #	Includes
2854-22R	TOOL, (2) 5.0 AH RESISTANT BATTERIES, CHARGER, CARRYING CASE
2854-20	TOOL ONLY

#### M18 FUEL" PROTECTIVE BOOTS



M18 FUEL" 1/2" **HTIW Friotion Ring Tool Boot** 49-16-2967



M18 FUEL" 1/4" Hex Impaot Driver Tool Boot

49-16-2953



M18 FUEL" 1" **HTIW Tool Boot** 49-16-2867



M18 FUEL" 3/4" **HTIW Tool Boot** 49-16-2864



M18 FUEL" 1/4 Impaot **Proteotive Boot** 



M18 FUEL" Mid-Torque HTIW **Proteotive Boot** 49-16-2960

49-16-2853

## M18 FUEL™ CUTTING

#### M18 FUEL" SAWZALL® Reciprocating Saw Kit

#### Specifications

Voltage: 1*8*V Length: 1*8*" Weight: 8.4 lbs SPM: 0 - 3,000 Stroke Length: 1-1/4" Keyless Adjustable Shoe & Blade Clamp



Milwa ukaa #	Includes
2821-22	TOOL, (2) 5.0 AH BATTERIES, CHARGER, CARRYING CASE
2821-21	TOOL, (1) 5.0 AH BATTERY, CHARGER, CARRYING CASE
2821-20	TOOL ONLY

#### M18 FUEL" SAWZALL® Reciprocating Saw w/ ONE-KEY" Kit

#### Specifications

Voltage: 18V Length: 17.1" Weight: 6.8 lbs SPM:0 -3,000 Stroke Length: 1-1/4" Keyless Adjustable Shoe & Blade Clamp

Mihvaukee #

2822-22

2822-20

Includes

TOOL ONLY



## M18 FUEL" SUPER SAWZALL® Reciprocating Saw Kit

#### **Specifications**

Voltage: 18V Length: 19" Weight: 8.8 lbs SPM: 0 - 3,000 Stroke Length: 1-1/4" Keyless Adjustable Shoe & Blade Clamp Variable Speed



Mihwa ukaa #	Includes
2722-21HD	TOOL, (1) HD12.0 AH BATTERY, CHARGER, BLADE, CONTRACTOR BAG
2722-20	TOOL ONLY

#### M18 FUEL™ HACKZALL® Kit

#### **Specifications**

Voltage: 18V Length: 14" Weight: 4.1 lbs Stroke Length: 7/8"



Mihvaukee #	Includes
2719-21	TOOL, (1) 5.0 AH BATTERY, CHARGER, CONTRACTOR BAG
2719-20	TOOL ONLY

#### M18 FUEL" 7-1/4" Circular Saw Kit

#### Specifications

Voltage: 18V Length: 17.5" Derign. 77.3 Weight: 11.1 lbs 2-5/8" Cut Capacity Bevel detents at 22.5° and 45° Depth detents at 1/2", 3/4", and 1-1/2"



Milwa ukee #	Includes
2634-21HD	TOOL, (1) HD12.0AH BATTERY, CHARGER, BLADE, VACUUM ADAPTER, Bladewrench, Contractor Bag
2834-20	TOOL ONLY

#### M18 FUEL" 6-1/2" Circular Saw

#### **Specifications**

Voltage: 18V Length: 11.5" Weight: 6.3 lbs 2-1/4" Cut Capacity Bevel detents at 22.5° and 45° Depth detents at 1/2", 3/4", and 1-1/2"



Mihvaukee#	Includes	
2633-20	TOOL ONLY, VACUUM ADAPTER, BLADE, BLADE WRENCH	
2833-20	TOOL ONLY, VACOUM ADAPTER, BLADE, BLADE WRENCH	

#### M18 FUEL" Oscillating **Multi Tool Kit**

#### **Specifications**

Voltage: 18V Length: 12.2" Weight: 2,6 lbs 10,000 to 20,000 0PM



Mihva ukaa #	Includes	
2836-21	TOOL, (1) X05.0 AH BATTERY, CHARGER,(1) 1-3/8" HCS WOOD MULTI-TOOL Blade, 3-1/2" 60, 80, 120, 240 Grit Sandpaper, Contractor Bag	
2836-20	TOOL ONLY	

#### M18 FUEL" 9" Cut-Off Saw w/ ONE-KEY" Kit

#### Specifications

Voltage: 18V Length: 26.1" Weight: 10.6 lbs RPM: 6,600 Cut Depth: 3.4"



Mihvaukee #	Includes
27 <i>8</i> 6-22HD	TOOL, (2) HD12.0 AH BATTERIES, CHARGER, (1) 9" X 3/32" X 7/8" CUT-OFF WHEEL (TYPE 1), WRENCH, HEX WRENCH
2786-20	TOOLONLY

## M18 FUEL™ METALWORKING

#### M18 FUEL™ Dual-Trigger Deep Cut Band Saw Kit

#### **Specifications**

Voltage: 1.8V Length: 20.4" Weight: 11.2 lbs 5" X.5" Cut Capacity



Milwa ukaa #	Includes
29298-22	TOOL, (2) M18 BATTERIES, CHARGER, BLADE, BLADE COVER, CARRYING CASE
29298-20	TOOL ONLY

#### M18 FUEL™ Deep Cut Band Saw Kit

#### **Specifications**

Voltage: 18V Length: 20.9" Weight: 10.5 lbs 5" X 5" Out Capacity



Milwaukaa #	Includes
2929-22	TOOL, (2) M18 BATTERIES, CHARGER, CARRYING CASE
2929-20	TOOL ONLY

#### M18 FUEL™ Compact Dual-Trigger Band Saw

#### **Specifications**

Voltage: 1.8V Length: 17.9" Weight: 7.7 lbs 3-1/4" X.3-1/4" Out Ca pacity



Milnya uka a #	Includes	
28293-20	TOOL ONLY	

#### M18 FUEL™ Compact Band Saw Kit

#### Specifications

Voltage: 18V Length: 17.9" Weight: 7.7 lbs 3-1/4" X 3-1/4" Cut Capacity



Mihvaukee #	Includes	
2829-22	TOOL, (2) M18 BATTERIES, CHARGER, BAG	
2829-20	TOOL ONLY	

#### M18 FUEL™ 8" Metal Cutting Circular Saw

#### **Specifications**

Voltage: 18V Length: 15.5" Weight: 12 lbs Plada Cut Compiler 2

Blade Cut Capacity: 2-9/16"



Milwaukee #	Includes	
2982-20	TOOL ONLY, BLADE	

#### M18 FUEL™ 5-3/8" Metal Cutting Circular Saw

#### Specifications

Voltage: 18V Length: 12,25" Weight: 4.8 lbs



Milwaukee #	Includes	
2782-20	TOOL ONLY, BLADE	

## M18 FUEL" METALWORKING

M18 FUEL™ 14" Abrasive Chop Saw Kit

#### Specifications

Voltage: 18V Length: 20.2" Weight: 42.1 lbs 5" Cut Capacity Tool-Free Fence Adjustment & Blade Change RAPIDSTOP" Braking



Mihva ukaa #	Includes
2990-2180	TOOL, M18 BATTERY, CHARGER
2990-20	TOOL ONLY

# M18 FUEL" 7" / 9" Large Angle Grinder

#### **Specifications**

Voltage: 18V Length: 22.3" Weight: 11.95 lbs RPM: 6,600 Overload Protection Electronic Outch Line Lock Out Switch Type: Paddle Switch



Mihwa ukee #	Includes	
27.85-20	TOOL DNLY	

#### M18 FUEL" 4-1/2"-6" Braking Grinder, Paddle Switch Kit

#### **Specifications**

Voltage: 18V RPM: 9,000 5/8"-11 Spindle RAPIOSTOP\*\* Braking



Mihwa ukas #	Includes
3670-22	TOOL, (2) M18 BATTERIES, CHARGER, BAG, T27 GUARD, T1 CLIP-ON GUARD, Flange nut, Back Flange, Wrench, Side Handle
3670-20	TOOL ONLY

#### M18 FUEL\*\* 4-1/2"-6" Variable Speed Braking Grinder, Paddle Switch w/ ONE-KEY\*\* Kit

#### **Specifications**

Voltage: 1 8V RPM: 9,000 5/8"-11 Spindle RAPIDSTOP" Braking Variable speed: 4 speed settings 3,000-9,000 RPM



Milhya ukaa # Includes	
3672-22	TOOL (2) M18 BATTERIES, CHARGER, BAG, T27 GUARD, TI CUP-ON GUARD, FLANGE NUT, BACK FLANGE, WRENCH, SIDE HANDLE
3672-20	TOOL ONLY

### M18 FUEL™ 4-1/2" / 5" Grinder Slide Switch, Lock-On

#### **Specifications**

Voltage: 18V Length: 12.7" Weight: 3.1 lbs RPM: 8,500 5/8"-11 Spindle



Mihwa ukaa#	Includes
2881-20	TOOL ONLY, T27 GUARD, T1 CUP-ON GUARD, SIDE HANDLE, WRENCH, BACK FLANGE, FLANGE NUT

#### M18 FUEL\*\* 4-1/2\*\*/ 5\*\* Braking Grinder, Paddle Switch w/ ONE-KEY\*\* Kit

#### Specifications

Voltage: 18V Length: 13,2" Weight: 3,17 lbs RPM: 8,500 5/8"-11 Spindle RAPIDSTOP"\* Braking



Mihwa ukaa #	Includes		
2882-22	TOOL, (2) M18 BATTERIES, CHARGER, BAG, T27 GUARD, T1 CLIP-ON GUARD, SIDE HANDLE, BACK FLANGE, FLANGE NUT, BAG		
2882-20	TOOL ONLY, T27 GUARD, SIDE HANDLE		

## M18 FUEL™ METALWORKING

#### M18 FUEL" 5" Flathead Braking Grinder, Paddle Switch No-Lock

#### Specifications

Voltage: 18V Length: 14" Weight: 3 lbs RPM: 8,500 RAPIDSTOP™ Braking



#### **Specifications** Voltage: 18V

Length: 14" Weight: 3 lbs RPM: 8,500 RAPIDSTOP" Braking



#### Milhvalukee # Includes

2886-20

TOOL ONLY, T27 GUARD, T1 CLIP-ON GUARD, SIDE HANDLE

Mihwa ukaa #

2887-20

Includes

TOOL ONLY, T27 GUARD, T1 CLIP-ON GUARD, SIDE HANDLE

#### M18 FUEL" 4-1/2" / 5" Dual-Trigger Braking Grinder w/ ONE-KEY"

#### Specifications

Voltage: 18V Length: 14.1" Weight: 5 lbs 5/8"-11 Spindle RAPIDSTOP\* Braking Variable speed: 4 speed settings 3,500-8,500 RPM



#### M18 FUEL™ Variable Speed, Braking Die Grinder, Paddle Switch w/ ONE-KEY"

M18 FUEL" 1-1/2" Lineman

M18 FUEL" 5" Flathead Braking Grinder, Slide

Switch Lock-On

#### Specifications

Voltage: 18V Length: 16.2" Weight: 3.1 lbs RAPIDSTOP" Braking Variable speed: 5 speed settings 8,000-20,000 RPM



#### Milhvalukee# Includes

2986-20

TOOL ONLY, T27 GUARD, T1 CLIP-ON GUARD, SPANNER WRENCH

#### Miliwa ukaa # Includes

2984-20

TOOL ONLY

Magnetic Drill High

#### M18 FUEL™ Braking Die Grinder, Slide Switch

#### Specifications

Voltage: 18V Length: 15.5" Weight: 2.9 lbs Up to 27,000 RPM RAPIDSTOP™ Braking.



## Specifications

Voltage: 18V Chuck Size: 1-1/2" Length: 13.8" Weight: 30.9 lbs Height: 155 in RPM Range: 400 / 690 Stroke Length: 5-3/4"



#### Milhvalukee# Includes

2939-20

TOOL ONLY

#### Mihva ukaa # Includes

27 88-22HD

TOOL, (2) 8.0 MH8 BATTERIES, CHARGER, SAFETY STRAP, MAGNETIC LUBRICATION TANK, CHUCK KEY, CARRYING CASE, AC/DC VEHICLE CHARGER, 3/4" WELDON TO 1/2" CHUCK ADAPTER, (2)1" RETRACTABLE PILOT PINS

## M18 FUEL™ ROTARY HAMMERS

#### M18 FUEL" 1-3/4" SDS Max Rotary Hammer w/ ONE KEY™ Kit

#### **Specifications**

Voltage: 18V Length: 21" Weight: 19.7 lbs RPM: 380

Impact Energy: 8.1 ft-lbs BPM: 2900



2718-22HD

TOOL, CHARGER, (2) MIS BATTERIES, CARRYING CASE, SIDE HANDLE

# Milwaakee

#### Mihvaukee # Includes 2717-22HD TOOL, CHARGER, (2) MIS BATTERIES, CARRYING CASE, SIDE HANDLE 2717-20

M18 FUEL" 1-9/16" SDS Max

Hammer Drill Kit

Specifications

Voltage: 18V

Length: 18.75"

BPM: 0 - 3,000

Weight: 12.15 lbs

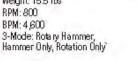
No Load RPM: 0-450

Blow Energy: 5.1 ft-lbs

#### M18 FUEL" 1-1/8" SDS Plus Rotary Hammer w/ ONE-KEY" & HAMMERVAC" Dedicated Dust Extractor Kit

#### Specifications

Voltage: 18V Length: 15.2" Weight: 15.5 lbs. RPM: 800 BPM: 4,600



2		
2915-DI		Milwanker
	1	Sinuer .
y`	2915-22DE	

Milwaukee#	Includes
2915-220E	TOOL, DUST EXTRACTOR, CHARGER, (2) MH8 X08.0 BATTERIES, CASE
2915-20	TOOL ONLY
2915-20	HAMMERVAC DEDICATED DUST EXTRACTOR

#### M18 FUEL" 1-1/4" SDS Plus D-Handle Rotary Hammer w/ ONE-KEY" Kit

#### Specifications

Voltage: 18V Length: 18.3" Weight: 11.5 lbs RPM: 0-810 BPM: 4,650 Impact Energy: 3.65 ft-lbs

3 Mode: Rotary Hammer, Hammer Only, Rotary Only



Mihvaukee #	Includes	
2916-22	TOOL, CHARGER, (2) M18 X08.0 BATTERIES, CASE, GREASE TUBE	
2916-20	TOOL ONLY	
2916-DE	M16 FUEL HAMMERVAC 1-1/4" DEDICATED DUST EXTRACTOR	

#### M18 FUEL" 1" SDS Plus Rotary Hammer w/ ONE-KEY" **Dust Extractor Kit**

#### Specifications

Voltage: 18V Length: 18.7 in Weight: 13.3 lb Handle Type: Drop Motor RPM: 1,330 BPM: 4,800 3 Mode: Rotary Hammer, Hammer Only, Rotary Only



#### Milma ukaa # Includes

TOOL, CHARGER, (2) M18 BATTERIES, CARRYING CASE, SIDE HANDLE WY DEPTH 2914-22 DE GAUGE, LARGE DIAMETER NOZZLE, SMALL DIAMETER NOZZLE, CARRYING CASE

#### M18 FUEL" 1" SDS Plus Rotary Hammer w/ Dust Extractor Kit

#### Specifications

Voltage: 18V Length: 11.5" Weight: 9.1 lbs RPM: 1,330 BPM: 4,800

3 Mode: Rotary Hammer, Hammer Only, Rotary Only



Mihvaukaa #	Includes	
2912-22DE	TOOL, DUST EXTRACTOR, CHARGER, (2) M18 BATTERIES, CARRYING CASE, Dedicated Dust extractor	1
2912-22	TOOL, CHARGER,(2) M18 BATTERIES, CARRYING CASE	
2912-20	TOOL ONLY	

#### M18" Brushless 1" SDS Plus D-Handle Rotary Hammer

#### Specifications

Voltage: 18V Length: 15 in Weight: 5.3 lb BPM: 4,580 Maximum RPM: 1,270



Milma ukee #	Includes	
2613-20	TOOL ONLY, SIDE HANDLE, DEPTH GAUGE	

#### M18 FUEL" PACKOUT" 9 Gallon Dual-Battery **Dust Extractor** w/ VACLINK"

#### COMING SOON

#### Specifications

Voltage: 18V Air Flow: 175 CFM



#### Mihvaukee # Includes

0688-22HD	TOOL, (2) M16 HD12.0 BATTERIES, DUAL BAY SUPER CHARGER, VACLINK** WIRELESS REMOTE, HEPA FILTER (2PK), 10' ANTI-STATIC HOSE, POWER TOOLADAPTER, TABLE SAW ADAPTER, FLEECE DUST BAG
0888-20	TOOL ONLY, VACLINK "WIRELESS REMOTE, HEPA FILTER (2PK), 10' ANTI-STATI HOSE, POWER TOOL ADAPTER, TABLE SAW ADAPTER, FLEECE DUST BAG

## M18 FUEL™ PIPE THREADING

# M18 FUEL™ Pipe Threader w/ ONE-KEY™ Kit

#### **Specifications**

Voltage: 18V Length: 26.3" Weight: 22.3 lbs



#### Milhvaukaa# Includes

2874-22HD

TOOL, (2) M18 HD12.0 BATTERIES, CHARGER, THREADING SUPPORT ARM, CASE

#### M18 FUEL<sup>™</sup> Compact Pipe Threader w/ ONE-KEY<sup>™</sup> w/ 1/2<sup>™</sup> - 1-1/4<sup>™</sup> Compact NPT Forged Aluminum Die Heads

#### **Specifications**

Voltage: 18V Length: 19,7" Weight: 10,6 lbs



#### Milwa ukaa # Includes

2870-22

TOOL, (2) M18 XC80 BATTERIES, CHARGER, MILWAUKEE COMPACT 1/2", 3/4", 1", & 1-1/4" ALLOY NPT PORTABLE PIPE THREADING FORGED ALUMINUM DIE HEADS, THREADING SUPPORT ARM, CASE

#### **DIE HEADS**

1/2" - 2" High Speed NPT Portable Pipe Threading Forged Aluminum Die Head Kit

48-36-1060

Compatible with 2874-20 M18 FUEL™ Pipe Threader



1/2" - 1-1/4" Compact Alloy NPT Portable Pipe Threading Forged Aluminum Die Head Kit

48-36-1063

Compatible with 2870-20 M18 FUEL™ Compact Pipe Threader



Milwaukee∦	DESCRIPTION
48-36-1007	1/2* HIGH SPEED NPT FORGED AL DIE HEAD
48-35-1008	3/4° HIGH SPEED NPT FORGED AL DIE HEAD
48-35-1009	1* HIGH SPEED NPT PORGED AL DIE HEAD
48-35-1010	1-1/4" HIGH SPEED NPT FORGED AL DIE HEAD
d8-35-1011	1-1/2* HIGH SPEED NPT FORGED AL DIE HEAD
d8-35-1012	2º HIGH SPEED NPT FORGED AL DIE HEAD
48-35-1001	1/2" ALLOY NPT FORGED AL DIE HEAD
48-35-1002	3/4" ALLOY NPT FORGED AL DIE HEAD
48-35-1003	1° ALLOY NPT FORGED AL DIE HEAD
48-35-1004	1-1/4" ALLOY NPT FORGED AL DIE HEAD
48-36-1005	1-1/2" ALLOY NPT FORGED AL DIE HEAD
48-36-1006	2° ALLOY NPT FORGED AL DIE HEAD
48-36-1307	COMPACT 1/2" ALLOY NPT FORGED AL DIE HEAD
48-36-1308	COMPACT 3/4" ALLOY NPT FORGED AL DIE HEAD
48-36-1309	COMPACT 1" ALLOY NPT FORGED AL DIE HEAD
48-36-1310	COMPACT 1-1/4" ALLOY NPT FORGED AL DIE HEAD

Mikvaukee#	DESCRIPTION
48-35-1112	MILWAUKEE2* HIGH SPEED NPT PORTABLE PIPE THREADING DIES
48-35-1111	MILWAUKEE1-1/2* HIGH SPEED NPT PORTABLE PIPE THREADING DIES
48-35-1110	MILWAUKEE 1-1/4" HIGH SPEED NPT PORTABLE PIPE THREADING DIES
48-35-1109	MILWAUKEE 11 HIGH SPEED NPT PORTABLE PIPE THREADING DIES
48-35-1108	MILWAUKEE3/4" HIGH SPEED NPT PORTABLE PIPE THREADING DIES
48-35-1107	MILWAUKEE 1/2" HIGHS PEED NPT PORTABLE PIPE THREADING DIES
48-35-1106	MILWAUKEE2* ALLOY NPT PORTABLE PIPE THREADING DIES
48-35-1105	MILWAUKEE1-1/2" ALLOY NPT PORTABLE PIPE THREADING DIES
48-35-1104	MILWAUKEE1-1/4" ALLOY NPT PORTABLE PIPE THREADING DIES
48-35-1103	MILWAUKEE 1° ALLOY NPT PORTABLE PIPE THREADING DIES
48-35-1102	MILWAUKEE3/4" ALLOY NPT PORTABLE PIPE THREADING DIES
48-35-1101	MILWAU KEE 1/2" ALLOY NPT PORTABLE PIPE THREADING DIES

#### 6" Leveling Tripod Chain Vise



.

Mihvaukee # Includes 48-22-8890 | 6" Leveling Tripod Chain Vise

#### Lower Shelf For 6" Leveling Tripod Chain Vise



Mihwaukaa # Includes

48-22-8695 LOWER SHELF FOR 6" LEVELING TRIPOD CHAIN VISE

## M18™ & M12™ & PRESS TOOLS

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

#### **Specifications**

Voltage: 18V Length: 14.2 in Weight: 5.8 lb Approximate Cycle Time: 4 seconds Force: 7, 200 lbs Calibration Interval: 50,000 1/4" 0D - 7/8" 0D Capacity



Miliwaukaa#	Includes
2922-22	TOOL, (2) BATTERIES, CHARGER, (6) JAWS, CARRYING CASE
2922-20	TOOL ONLY

1/2" - 2" IPS-P Pivoting Press Ring Kit M18" FORCE LOGIC" Press Tools

49-16-2697X



# M18" FORCE LOGIC" Long Throw Press Tool Kit

#### Specifications

Voltage: 18V Force: 7,200 lbs Calibration Interval: 50,000



Milwaukee #	Includes	
2773-20L	TOOL,(2) BATTERIES, CHARGER, CARRYING CASE	

2-1/2" - 4" IPS-P Pivoting Press Ring Kit for M18" FORCE LOGIC" Long Throw Press Tool

49-16-2698X

Compatible with 2773-20L M18™ FORCELOGIC™Long Throw Press Tool



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

#### **Specifications**

Voltage: 1 2V Length: 1 2.6 in Weight: 3.8 lb Force: 5,400 lbs Calibration Interval: 32,000



Milwaukee#	Includes
2473-22	TOOL, (2) BATTERIES, CHARGER, (3) JAWS, CARRYING CASE
2473-20	TOOL ONLY

1/2" - 1" IPS-P Pivoting Press Ring Kit M12" FORCE LOGIC" Press Tools

49-16-2696X



#### Available Accessories: (Not Included)

Milwaukee#	Description
49-16-2450B	1/2" IPS-P PRISS JAW FOR M12" FORCELOGIC" PRESS TOOL
49-16-2451B	3/4" IPS-P PRESS JAW FOR M12" FORCELOGIC" PRESS TOOL
49-16-2452B	1" IPS-P PRESS JAW FOR M12" FORCELOGIC" PRESS TOOL
49-16-2496	1/2"-1" IPS- P PRESS JAW K/T FOR M12™ FORCELOGIC™ PRESS TOOL

#### M18<sup>™</sup> 325<sup>†</sup> Stiff Modular Pipeline Inspection System

#### Specifications

Voltage: 18V Line Type: Ma in Sewer Material Composition: Plastic Length: 16 in Weight: 39 lb Height: 30 in Width: 23 6 in OneKey Compatible: Yes Power Source: Cordless



Miliwaukaa #	Includes
3976-22	REEL, CONTROL HUB, (2) 5.0 M18 BATTERIES, CHARGER, ACCESSORIES
3976-20	325' STIFF MODULAR PIPELINE INSPECTION REEL

#### M18<sup>™</sup> 200¹ Mid-Stiff Modular Pipeline Inspection System

#### **Specifications**

Voltage: 18V
Line Type: Branch/Main/Sewer
Material Composition: Plastic/Metal
Length: 16 in
Weight: 37 lb
Height: 20.75 in
OneKey Compatible: Yes
Power Source: Cordless



Miliwa ukas #	Includes
3975-22	REEL, CONTROL HUB, (2) 5.0 MH8 BATTERIES, CHARGER, ACCESSORIES
3975-20	200' MID-STIFF MODULAR PIPELINE INSPECTION REEL

### M18<sup>™</sup> 200¹ Stiff Modular Pipeline Inspection System

#### **Specifications**

Voltage: 18V Line Type: Branch/Ma in/Sewer Material Composition: Plastic/Metal Length: 19.6 in Weight: 57.6 lb Height: 28.5 in

Width: 21.9 in OneKey Compatible: Yes Power Source: Cordless



Milwaukaa #	Includes
3974-22	REEL, CONTROL HUB, (2) 5.0 MH8 BATTERIES, CHARGER, ACCESSORIES
3974-20	200' STIFF MODULAR PIPELINE INSPECTION REEL

## M18<sup>™</sup> 120¹ Mid-Stiff Modular Pipeline Inspection System

#### **Specifications**

Voltage: 18V
Line Type: Branch/Main
Maiterial Composition: Plastic/Metal
Length: 14.3 in
Weight: 35.6 lb
Height: 22.7 in
Width: 17.8 in
OneKey Compatible: Yes
Power Source: Cordless



# ssalu sydiM	Includes
3973-22	REEL, CONTROL HUB, (2) 5.0 MH8 BATTERIES, CHARGER, ACCESSORIES
3973-20	120' MID-STIFF MODULAR PIPELINE INSPECTION REEL

#### M18<sup>™</sup> 100¹ Flexible Modular Pipeline Inspection System

#### **Specifications**

Voltage: 18V
Line Type: Branch/Fixture/Sink
Material Composition: Plastic/Metal
Length: 27.6 in
Weight: 42.4 lb
Height: 18 in
Width: 19 in
OneKey Compatible: Yes
Power Source: Cordless



Mihvaukaa #	Includes
3972-22	REEL, CONTROL HUB, (2) 5.0 M18 BATTERIES, CHARGER, ACCESSORIES
3972-20	100' FLEXIBLE MODULAR PIPELINE INSPECTION REEL

## M18<sup>™</sup> 325¹ Stiff Pipeline Inspection System

#### Specifications

Voltage: 18V Length: 16 in Weight: 69 lb Height: 30 in Width: 23 6 in Push Cable Stiffness: Stiff Push Cable Length: 325' Drain Line Capacity: 3"-12" Push Cable Diameter: 12mm Camera Resolution: 1080p



Mihva ukaa #	Includes
2976-22	REEL, CONTROL HUB, (2) 5.0 MH8 BATTERIES, CHARGER, ACCESSORIES
2976-20	325' STIFF PIPELINE INSPECTION REEL

#### M18<sup>™</sup> 200<sup>†</sup> Mid-Stiff Pipeline Inspection System

#### Specifications

Voltage: 18V
Length: 16 in
Weight: 46 lb
Height: 28 in
Width: 20.76 in
Push Cable Stiffness: Mid-Stiff
Push Cable length: 200'
Drain Line Ca pacity: 2"-6"
Push Cable Diameter: 10mm
Camera Resolution: 1080p



Miliwaukee #	Includes	
2975-22	REEL, CONTROL HUB, (2) 5.0 M18 BATTERIES, CHARGER, ACCESSORIES	
2975-20	200' MID-STIFF PIPELINE INSPECTION REEL	

# M18<sup>™</sup> 200<sup>†</sup> Stiff Pipeline Inspection System

#### Specifications

Voltage: 18V Length: 19.6 in Weight: 57.6 lb Height: 28.5 in Width: 21.9 in Push Cable Stiffness: Stiff Push Cable Length: 200' Drain Line Capacity: 2"-6" Push Cable Diameter: 10mm Camera Resolution: 1080p



Milwaukee#	Includes
297 4-22	REEL, CONTROL HUB, (2) 5.0 M18 BATTERIES, CHARGER, ACCESSORIES
2974-20	200' STIFF PIPELINE INSPECTION REEL

# M18<sup>™</sup> 120 I Mid-Stiff Pipeline Inspection System

#### Specifications

Voltage: 18V Length: 14.3 in Weight: 35.6 lb Height: 22.7 in Width: 17.8 in Line Capacity: 2"-6" Push cable length: 120' Push Cable Diameter: 10mm Camera resolution: 1080 p



Miliwaukee #	Includes
2973-22	REEL, CONTROL HUB, (2) 5.0 M18 BATTERIES, CHARGER, ACCESSORIES
2973-20	1 20' MID-STIFF PIPELINE INSPECTION REEL

# M18<sup>™</sup> 100¹ Flexible Pipeline Inspection System

#### **Specifications**

Voltage: 18V Line Type: Branch/Fixture Material Composition: Plastic Length: 27.6 in Weight: 42.4 lb Height: 18 in



Milwa ukee #	Includes
2972-22	REEL, CONTROL HUB, (2) 5.0 M18 BATTERIES, CHARGER, ACCESSORIES
2972-20	100' FLEXIBLE PIPELINE INSPECTION REEL

## M12™ Pipeline Locator Kit

#### Specifications

Voltage: 12V Battery: M12



Mihva ukaa#	Includes	
2580-21	TOOL, (1) M12 BATTERY, CHARGER	

#### Camera Head Replacement Kits for M18<sup>™</sup> Modular Pipeline Inspection System





48-53-3974

48-53-3973

Milwa ukaa #	Includes	
48-53-3974	34MM CAMERA HEAD REPLACEMENT KIT	
48-53-3973	25MM CAMERA HEAD REPLACEMENT KIT	

## M18 FUEL™ OUTDOOR POWER EQUIPMENT

M18 FUEL™ 16" Chainsaw Kit

#### Specifications

Voltage: 18V Length: 33" Weight: 13.9 lbs RPM: 6800



Mihwaukee #	Includes
27:27-21HD	TOOL, RAPID CHARGER, 16" OREGON BAR, CHAIN, SCRENCH
2727-20	TOOL ONLY

16" Saw Chain Replacement for 2727-20 Chainsaw

49-16-2715



16" Chainsaw Guide Bar 48-09-3001

## M18 FUEL™ 20" Dual Battery Chainsaw Kit

#### Specifications

Voltage: 18V Length: 27.5 in Weight: 19.9 lb Height: 10 in



Milwaukee#	Includes	
2827-22	TOOL, (2) 8.0 FORGE BATTERIES. CHARGER	

20" .325" Pitoh, .050" Gauge Saw Chain 49-16-2752 20" .325" Pitoh, .050" Gauge Guide Bar 49-16-2755

#### M18 FUEL™ HATCHET™ 8" Pruning Saw

## Specifications

Voltage: 18V Length: 19.8 in Weight: 4.9 lb Height: 9.9 in





9" Pruning Saw Chain 49-16-2750

1. 5.5 (1)

Milwankss #	includes.
3004-20	TOOL ONLY

#### M18 FUEL™ Blower

#### Specifications

Voltage: 18V Power Source: Cordless

Motor Type: POWERSTATE Brushless

Milmaukee # Includes

Brushless: Yes Battery System: M18



3017-20	TOOL ONLY		
	-		

#### M18 FUEL™ Dual Battery Blower

#### Specifications

Voltage: 18V CFM: 800 MPH: 145 Blow Force: 17.7 Newtons Noise Rating: 64dB(4) Battery System: M18



Milwaukee #	Includes	
2824-20	TOOL ONLY	
2824-20	IDUL UNLY	

#### M18 FUEL™ 14" Top Handle Chainsaw Kit

#### Specifications

Voltage: 18V Length: 33" Weight: 13.9 lbs RPM: 6600



Milwaukee#	Includes
2826-22T	TOOL, (1) 8.0 BATTERY,(1) H012.0 BATTERY, CHARGER, SCABBARD, SCRENCH
2826-21T	TOOL (1) 80 BATTERY, CHARGER, SCABBARD, SCRENCH
2826-20T	TOOL ONLY

14" Top Handle Chainsaw Guide Bar

49-16-2745

14<sup>II</sup> Top Handle Chainsaw Chain 49-16-2744



# M18 FUEL\*\* Power Head w/ QUIK-LOK\*\*

#### **Specifications**

Voltage: 18V Length: 33.25" Weight: 6.4 lbs Milwa ukaa # Includas 3046-20 TOOL ONLY

## M18 FUEL" QUIK-LOK" Attachments

Milwa ukee#	Includes
49-16-2717	M18 FUEL™ QUIK-LOK™ STRING TRIMMER ATTACHMENT
49-16-27-38	M18 FUEL™ QUIK-LOK™ BRUSH CUTTER ATTACHMENT
49-16-2740	M18 FUEL™ QUIK-LOK™ RUBBER BROOM ATTACHMENT
49-16-27-41	M18 FUEL™ QUIK-LOK™ BRISTLE BRUSH ATTACHMENT
49-16-2720	M18 FUEL** QUIK-LOK** 10" POLE SAW ATTACHMENT
49-16-2721	M18 FUEL™ QUIK-LOK™ 3' ATTACHMENT EXTENSION





## M18™ SYSTEM ENHANCEMENT

#### M18 FUEL" 1/2"-1" Steel Pipe Cutter

#### Specifications

Voltage: 18V Length: 5.75 in Weight: 6.6 lb

Milwaukaa # Includes

TOOL, STEEL PIPE CUTTING BLADE 3469-20



Steel Pipe Cutting Blade 49-40-4062

#### M18" 2-Speed Grease Gun Kit

#### Specifications

Voltage: 18V PSI: 10,000 PSI



Milwaukee #	Includes	
2646-220T	TOOL,(2) BATTERIES, CHARGER, CARRYING CASE	
2646-21 CT	TOOL,(1) BATTERY, CHARGER, CARRYING CASE	
2646-20	TOOL ONLY	

#### M18 FUEL" 2 Gallon Compact Quiet Compressor

#### **Specifications**

Voltage: 18V Max PSI: 135 SCFM: 1.2 @ 90 PSI Pump Type: Oil Free

Milwaukaa# Includes

2840-20

TOOL ONLY

#### M18" 18V Cordless Tire Inflator

#### Specifications

Voltage: 18V Length: 13.8 in Weight: 7 lb

4 PSI Memory Presets

2848-20

## Milmaukee # Includes TOOL ONLY

## M18" FORCE LOGIC" 10,000psi Hydraulic Pump Kit

#### Specifications

Voltage: 18V Length: 15.87 in Weight: 29.8 lb 3-Modes: Auto-Dump. Hold-Pressure & Remote Cut

#### Mihvaukaa# Includes

2774-21HD TOOL, (1) MI 8 HD12.0 BATTERY, CHARGER 2774-20 TOOL ONLY

#### M18™ Brushless Single Acting 60in3 10,000psi Hydraulic Pump

#### Specifications

Voltage: 18V Length: 18 in Weight: 12.6 lb

Output Flow Rate - No-Load: 18in3/min Output Flow-Rate - 9500: 10in3/min



Milwaukaa #	Includes

TOOL,(1) MH 8 X 05.0 BATTERY, CHARGER, SHOULDER STRAP

#### M18" Brushless Stick Transfer Pump

#### Specifications

Voltage: 18V Weight: 11.4 lbs Height: 63" 17ft Max Head Height Up to 25 Gallons Per Minute



2940-20 TOOL ONLY

## M18™ Transfer Pump

#### Specifications

Voltage: 18V Length: 13.0 in Weight: 7.9 lb. 75ft Max Head Height Up to 18ft Lift



#### Milwaukee # Includes

#### 2771-20 TOOL ONLY

#### M18" Brushless PACKOUT" Fan

#### Specifications

Voltage: 18V Weight: 6.4 lb Height: 16 in



#### Milwaukaa# Includes

0818-20 TOOL ONLY

#### M18™ Brushless 18" Fan

#### Specifications

Voltage: 18V Weight: 17 lb Height: 26.5 in Width: 23.3 in Air circulation over 50ft reach and 13.5 MPH air speed



0821-20 TOOL ONLY



## M18™ SYSTEM ENHANCEMENT

#### M18" Compact Heat Gun

#### **Specifications**

Voltage: 18V Length: 6.39" Weight: 1.7 lbs

High Performance Heating Coil: Reach operational temperature in 7 seconds



MilitValikss#	menues
2688-20	TOOL ONLY

## M18" FORCE LOGIC" Single Channel Strut Shear Kit Specifications Voltage: 18V Length: 17.5" Weight: 24 lbs Milwaukaa # Includes

2933-21 TOOL, STRUT SHEARING DIES, (1) M18 X 05.0 BATTERY, CHARGER, BAG

#### M18" Brushless Threaded **Rod Cutter Kit**

#### **Specifications**

Voltage: 18V Length: 11.19 in Weight: 8.7 lb. 1-1/2" Built-in Trim Length



Milwaukee#	Includes	
2872-21	TOOL, (1) MI 8 BATTERY, CHARGER, CARRYING CASE	
2872-20	TOOL ONLY	

#### M18" 2-Gallon Wet/Dry Vacuum

#### Specifications

Voltage: 18V Weight: 10.1 lbs 45 CFM 32" of Water Lift Replacement Filter Part Number: 49-90-1900



Hudes
CUUM, HOSE, CREVICE TOOL, NOZZLE, HEPA FILTER

#### M18 FUEL™ PACKOUT™ 2.5 Gallon **Wet/Dry Vacuum**

#### **Specifications**

Voltage: 18V Weight: 11.3 lbs 50 CFM 47" of Water Lift

Replacement Filter Part Number: 49-90-1900



Milwaukee#	Includes
0970-20	VACUUM, ADAPTER, HOSE, CREVICE TOOL, NOZZLE, HEPA FILTER

#### M18 FUEL™ 6 Gallon Wet/Dry Vacuum

#### Specifications

Voltage: 18V Weight: 26 lbs 87 CFM. 60" of Water Lift

Replacement Filter Part Number: 49-90-1978



Milwaukee #	Includes	
0910-20	VACUUM TANK, VACUI FLOOR UTILITY NOZZI	JM CART, FILTER, HOSE, CREVICE TOOL, .E, EXTENSION WAND

#### M18™ Compact 1-Ton Chain Hoist w/ ONE-KEY

#### **Specifications**

Battery System: M1.8 Power Source: Cordless

Material Composition: Plastic/Steel/Metal



Milma uka a #	Includes
2983-22HD	TOOL ONLY
48-11-1812	(2) M18™ REDLITHIUM™ HIGH OUTPUT™ HD12.0 BATTERY PACK
48-59-1808	(1) M18™ & M12™ RAPID CHARGER
48-22-8426	(1) PACKOUT™ ROLLING TOOL BOX

#### M18" SWITCH TANK" 4-Gallon Backpack Water Supply Kit

#### Specifications

Voltage: 18V Height: 22.5" Weight: 18.9 lbs Up to 60 PSI



Mihvaukaa#	Includes
3019-21WS	M18 SWITCH TANK POWERED BASE, SWITCH TANK 4-GALLON WATER SUPPLY TANK ASSEMBLY, M18 BATTERY, CHARGER, HOSE, WATER SPRAY NOZZLE
49-16-19WS	SWITCH TANK 4-GALLON WATER SUPPLY TANK ASSEMBLY

## M18<sup>™</sup> BATTERIES

inner man

MIB FORGE

MOST POWER FASTEST CHARGING LONGEST LIFE





XC

48-11-1881

**48-59-1881** Starter Kit







48-11-1813 M18"\* REDLITHIUM"\* FORGE"\* HD12.0 Battery

**48-59-1300** Starter Kit



**48-11-1861** M18" REDLITHIU M" FORGE" XCS.0 Battery

M18" REDLITHIUM" FORGE" XC8.0 Battery





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48-11-1835 M18"\* REDLITHUM" HIGH OUTPUT" CP3.0 Battery

**48-11-1837** 2-Pack **48-59-1835** Starter Kit



**48-11-1865** M18"\* REDLITHIUM" HIGH DUTPUT" X06:0 Battery

48-11-1862 2-Pack



49-11-1820 M18"\* REDLITHIUM"\* CP2.0 Battery



48-11-1815 M18" REDLITHIUM" CP1.5 Battery



**48-11-1850** M18"\* REDLITHIUM"\* XOS D Battery

48-11-1852 2-Pack 48-11-1851 2-Pack

48-59-1850 Starter Kit



**48-11-1850R** M18" REDLITHIUM" XOS O Resistant Battery

48-59-1852R 2-Pack



**48-11-1840** M18\*\* REDLITHIUM\*\* XC4.0 Battery



48-11-1828 M18" REDLITHIUM" XC3.0 Battery





CP Less weight and



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



Best performance for high demand applications

**HEAVY DEMAND** 

## M18<sup>™</sup> CHARGERS



MH8™Six Pack

Sequential Charger













**48-59-1807** Mt 8<sup>-8</sup> & Mt 2<sup>-8</sup> Rapid Charge Station













## M12™ SYSTEM ENHANCEMENT

#### M12 FUEL™ Compact Band Saw Kit

#### **Specifications**

Voltage: 1 2V Length: 1 4.12 in Weight: 6 lb 2-1/2" X 2-1/2" Out Capacity



Miliwa ukaa #	Includes	
2529-21X0	TOOL, (1) M12 4.0 BATTERY, CHARGER, BLADE, BAG	
2529-20	TOOL ONLY	

#### M12™ Sub-Compact Band Saw Kit

#### Specifications

Voltage: 12V Length: 12 in Weight: 6.75 lb SFPM: 280

Blade Length: 27" x ½" x .0.20" 1 -5/8" X 1 -5/8" Cut Galpacity



Miliwa ukee #	Includes	
2429-21XC	TOOL, (1) M12 BATTERY, CHARGER, BLADE, CASE	
2429-20	TOOL ONLY	-

#### M12™ Plastic Pipe Shear Kit

#### Specifications

Voltage: 1 2V
Length: 14-3/8"
Weight: 4.3 lbs
Switch Type: Two-Action
Variable Speed with Reverse
Torque: 1,900 in-lbs
Capacity: 2" Schedule 80 PVC



Milhya ukaa #	Includes
2470-21	TOOL, (1) M12 CP1.5 BATTERY, CHARGER, CASE
2470-20	TOOL ONLY

#### M12™ Stick Transfer Pump

#### Specifications

Voltage: 1 2V Weight: 4.2 lb Height: 48.8 in Up to 9 Gallons Per Minute 15ft Max Head Height



Includes	
TOOL ONLY	
	1055-546

#### M12™ Brushless 1-1/4" - 2" Copper Tubing Cutter

#### **Specifications**

Voltage: 1 2V Length: 1 2.67 in Weight: 5.85 lb Automatically adjusts diameter to cut Type K, L, and M copper pipes from 1 -3/8" – 2 -1/8" (00)

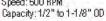


Miliwa ukaa #	Includes	
2479-20	TOOL ONLY	

## M12™ Copper Tubing Cutter Kit

#### **Specifications**

Voltage: 1.2V Length: 1.4" Weight: 2.8 lbs Speed: 500 RPM





Mihwa ukaa #	Includes
2471-21	TOOL, (1) M12 BATTERY, CHARGER, CASE
2471-20	TOOL ONLY

## M12™ SYSTEM ENHANCEMENT

M12" Compact Inflator Kit

#### **Specifications**

Voltage: 12V Weight 3.83" Height: 7.5" PSI Rating: 0 -1 20 PSI Hose Length: 26" Gauge Accuracy: +/- 3%



Milwaukee# Includes	
2475-21XC	TOOL (1) M12 BATTERY, CHARGER, BALL INFLATION NEEDLE, Presta Chuck, Schrader Chuck, Inflator Nozzle
2475-20 TOOL ONLY, BALL INFLATION NEEDLE, PRESTA CHUCK, SCHRADER CHUCK, INFLATOR NOZZLE	

#### M12 FUEL™ HACKZALL® Recip Saw Kit

#### Specifications

Voltage: 12V Length: 11.0" Weight: 3.2 lbs Stroke Length: 5/8" SPM: 0-3,000



Mihvaukee #	Includes	
2520-21X0	TOOL, (1) M1240 BATTERY, CHARGER, BAG	
2520-20	TOOLONLY	

#### M12 FUEL™ Installation Drill/Driver Kit

#### **Specifications**

Voltage: 12V Weight: 5.1" Height: 2"

RPM: 0 - 400 / 0 - 1,800



Milwaukaa#	Includes
2505-22	TOOL, (2) M12 CP2.0 BATTERIES, CHARGER, RIGHT ANGLE ATTACHMENT, OFFSET ATTACHMENT, 3/8" METAL CHUCK ATTACHMENT, 1/4" HEX ATTACHMENT, CONTRACTOR BAG, BELT CLIP
2505-20	TOOL ONLY, BALL INFLATION NEEDLE, PRESTA CHUCK, SCHRADER CHUCK, In Flator Nozzle

#### M12 FUEL" 1/4" Right Angle Die Grinder Kit

#### **Specifications**

Voltage: 1 2V Weight: 1.3" Height: 8.2" RPM: 20,000 4-mode RPM control with

4-mode RPM control with responsive variable-speed trigger



Milwaukee #	Includes
3485-22	TOOL, (1) M12 CP2.5 BATTERY, (1) M12 XC5.0 BATTERY, CHARGER, WRENCH, CARRYING CASE
3485-20	TOOL ON LY, WRENCH

#### M12 FUEL" 3/8" Extended Reach Ratchet Kit

#### Specifications

Voltage: 12V Weight: 15.1" Height: 3.1" Max Torque: 55 ft/lbs RPM: 0-200



Milwaukee#	Includes
2560-21	TOOL, (1) M12 CP2.0 BATTERY, CHARGER, CONTRACTOR BAG
2560-20	TOOL ONLY

#### M12 FUEL™ 1/4™ Extended Reach High Speed Ratchet

#### Specifications

Voltage: 12V Weight: 13.5" Height: 2" Max Torque: 35 ft/lbs RPM: 0-450



#### M12 FUEL" INSIDER" Extended Reach Box Ratchet Kit

#### **Specifications**

Voltage: 12V Length: 16" Weight 2.7 lbs Max Torque: 60 ft/lbs RPM: 0-350



Mihvaukee#	Includes	
3050-21	TOOL (1) M12 HIGH OUTPUT CP2.5 BATTERY, INSIDER™ BOX RATCHET SOCKETS 8-19MM,21MM, INSIDER™ BOX RATCHET1/4" HEX ADAPTER CHARGER, INSIDER™ BOX RATCHET1/4" & 3/8" ANVIL ADAPTERS	
3050-20	TOOLONLY	

#### M12 FUEL™ 3/8<sup>II</sup> Ratchet Kit

#### Specifications

Voltage: 12V Length: 11.8" Weight 2.8 lbs Max Torque: 95 ft/lbs RPM: 0-200



Mihvaukee #	eludes	
2557-22	TOOL, (2) M12 CP2.0 BATTERIES, CHARGER, CARRYING CASE	
2557-20	TOOLONG	

#### M12 FUEL" 1/2" Right Angle Impact Wrench w/ Friction Ring Kit

#### Specifications

Voltage: 12V Length: 13.28" Weight: 2.82" Max Torque: 95 ft/lbs RPM: 0-3,000 IPM: 0 - 3,600 Nut-Busting Torque: 220 ft/lbs

Fastening Torque: 200 ft/lbs



Milwaukee #	Includes
2565-22	TOOL, (2) MH 2 CP2.0 BATTERIES, CHARGER, CONTRACTOR BAG
2565-20	TOOL ONLY

#### M12 FUEL" 3/8" Right Angle Impact Wrench w/ Friction Ring Kit

#### Specifications

Voltage: 12V Length: 13.89" Weight: 3.05" Max Torque: 95 ft/lbs RPM: 0-3,000 IPM: 0-3,600 Nut-Busting Torque: 220 ft/lbs Fastening Torque: 200 ft/lbs



Milwaukee #	Includes
2564-22	TOOL, (2) MH 2 CP2.0 BATTERIES, CHARGER, CONTRACTOR BAG
2564-20	TOOL ONLY

#### M12 FUEL" Stubby 1/2" Impact Wrench Kit

#### **Specifications**

Voltage: 12V Length: 4.9" Weight: 2.2" Max Torque: 95 ft/lbs BPM: 0-3,000 Nut-Busting Torque: 550 ft/lbs Fastening Torque: 400 ft/lbs



Miliwaukaa #	Includes
2563-22	TOOL,(1) NH 2 XOS,O BATTERY,(1) NH 2 CP2.5 BATTERY, CHARGER, Contractor Bag
2563-20	TOOL ONLY

#### M12 FUEL™ Stubby 3/8™ Impact Wrench Kit

#### Specifications

Voltage: 12V Length: 4.8" Weight: 2.2" Max Torque: 95 ft/lbs RPM: 0-3,000 IPM: 0 - 3,300 Nut-Busting Torque: 590 ft/lbs Fastening Torque: 400 ft/lbs



Miliwaukee #	Includes
2562-22	TOOL,(1) M12X05.0 BATTERY,(1) M12CP2.5 BATTERY, CHARGER, Contractor Bag
2562-20	TOOL ONLY

#### M12 FUEL™ 1/2" Digital Torque Wrench w/ ONE-KEY™

#### Specifications

Voltage: 12V Length: 23.5" Weight: 5.3" Torque Range: 12:5 - 150 ft-lbs RPM: 0-100 Tool Accuracy: CW: +/-2% of Full Scale/ CCW: +/-3% of Full Scale (Range: 20% - 100% of Full Scale)



Milwaukee #	Includes
2466-20	TOOL ONLY, CARRYING CASE, CALIBRATION CERTIFICATE

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

#### Specifications

Voltage: 12V Length: 23.3" Weight: 5.1"

Torque Range: 10 - 100 ft-lbs RPM: 0-100

Tool Accuracy: CW: +/-2% of Full Scale/ CCW: +/-3% of Full Scale (Range: 20% -100% of

Full Scale)



## M12™ BATTERIES & CHARGERS

#### M12" REDLITHIUM" XC6.0 Battery

48-11-2460



#### M12" REDLITHIUM" HIGH OUTPUT" XC5.0 Battery 48-11-2450

#### M12" REDLITHIUM" XC4.0 Battery

48-11-2440



#### M12" REDLITHIUM" XC3.0 Battery

48-11-2402



#### M12" REDLITHIUM" 3.0 Compact Battery

48-11-2430



#### M12" REDLITHIUM" HIGH OUTPUT" CP2.5 Battery

48-11-2425



M12" REDLITHIUM" CP2.0 Battery

48-11-2420



M12" REDLITHIUM" CP1.5 Battery 48-11-2401



#### M12" REDLITHIUM" XC3.0 Battery 2-Pack

48-11-2412



#### M12" REDLITHIUM" Compact Battery 2-Pack

48-11-2411



## M12™ CHARGERS

#### M12" REDLITHIUM" XC4.0 Starter Kit



Milwaukaa# Includes

48-59-2440 (1) M12 X C4.0 BATTERY, M12 CHARGER

#### M12" REDLITHIUM" 2.0 Starter Kit



Milhvalukaa# Includes

48-59-2420 (1) M12 CP2,0 BATTERY, M12 CHARGER

#### M12™ Lithium-Ion **Battery Charger**

48-59-2401



#### M12™ Four Bay Sequential Charger

48-59-1204



## LIGHTING SOLUTIONS



2131-20 M18™ ROCKET™ Dual Power Tower Light



2136-20 M18™ ROCKET™ Tower Light/ Charger



2120-20 M18™ ROCKET™ Dual PackTowerLightw/ ONE-KEY\*\*



2354-20 M18™ Search Light

2129-20

M18™ Magnetic

Extendable Boom Light



2352-20 M18™ Stick Light



M18™ RADIUS™ Site Light 2150-20 - ONE-KEY™



M18™ RADIUS™ Compact Site Light w/Rood Mode











M18™ ROVERT Flood Light



Mfl 8™ Utility Remote

Control Search Light Kit w/ Portable Base

#### 2123-20

Mfl 8™ Utility Remote Control Search Light w/ Portable Base





M1.8™ ROVER™ Compact Folding Flood Light w/ USB Charging



M18™ ROVER™ Dual Power Triple-Panel Flood & Area Light





2132-20 M12™ ROCKET™ Dual Power Tower Light



Light

2353-20 2351-20 M12™ Spot M12™ Stick

Light



MH2" PACKDUT" Flood Light w/ USB Charging



M12™ Trouble Light w/ USB Charging



M12™ ROVER™ Mounting Flood Light



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



M12™ Work Light

#### USB RECHARGEABLE



USB Rechargeable ROVER™ Pivoting Flood Light



Rechargeable 500L Everyday Carry Flashlight w/ Magnet



Rechargeable 250L Penlight w/ Laser



Rechargeable Low-Profile Magnetic Task Light



USB Rechargeable Pivoting Flashlight



USB Rechargeable 1100L Twist Focus Flashlight



REDLITHIUM™ USB 2,000 L Slide Focus Flashlight



REDLITHIUM™ USB Hard Hat Headlamp



USB Rechargeable Low-Profile Headlamp



Rechargeable Magnetic Headlamp And Task Light



2116-21 USB Rechargeable BEACON™ Hard Hat Light



USB REDLITHIUM™ BOLT™ Headlamp Kit



USB REDLITHIUM™ 400L Neck Light Kit



48-11-2131 REDLITHIUM" USB 3.0 Battery





#### ALKALINE

MILWAUKEE® Intrinsically Safe CI, II, III / D1 Spot/Flood Headlamp



2103 Headlamp



Spot/Flood Headlamp



#### TYPE II SAFETY HELMET WITH IMPACT ARMOR" (NO BRIM)

ITEM #	DESCRIPTION
48-73-1390	BOLT * White Vented Safety Helmet with INPACT APMOR* Liner (USA) - Type 2, Class C
48-73-1361	BOLT™White Safety Helmet with IMPACT ARMOR™ Liner (USA) - Type 2, Class E
48-73-1352	BOLT™Yellow VentedSafety Helmet with MPACT ARMOR™ Liner (USA) - Type 2, Class C
48-73-1353	BOLT "Yellow Safety Helmetwith IMPACT ARMOR "Liner (USA) - Type 2, Class E
48-73-1354	BOLT ** Blue Vented Safety Helmet with IMPACT #RMOR** Liner (USA) - Type 2, Class C
48-73-1395	BOLT *Blue Safety Hidmetwith MPACT ARMOR** Liner (USA) - Type 2, Class E
48-73-1396	BOLT™ Green Vented Safety Helmet with IMPACT ARMOR™ Liner (USA) - Type 2, Class C
48-73-1357	BOLT ** Green Safety Helmet with IMPACT AFMOR** Liner (USA) - Type 2, Class E
48-73-1368	BOLT™ Red Vented Safety Helm et with IMPACT #RMOR™ Liner (USA) - Type 2,Class C
48-73-1399	BOLT * Red Safety Helmetwith MPACT ARMOR** Liner (USA) - Type 2, Class E
48-73-1360	BOLT ** Black Vented Safety Helmet with MPACT ARMOR** Liner (USA) - Type 2, Class C
48-73-1361	BOLT™ Black Safety Helmetwith IMP&CT &RMOR™ Liner (US&) - Type 2, Class E
48-73-1362	BOLT™ Orange Vented Safety Helmet with IMPACT &RMOR™ Liner (USA) - Type 2, Class C
48-73-1363	BOLT™ Orange Safety Helm et with IMPACT APMOR™ Liner (USA) - Type 2 , Class E
48-73-1378	BOLT™Gray Vented Safety Helmet with IMPACT APMOR™Liner (USA) - Type 2, Class C
48-73-1379	BOLT™ Gray Safety Helmetwith MPACT #RMOR™ Liner (USA) - Type 2, Class E



#### TYPE II SAFETY HELMET WITH IMPACT ARMOR" (FRONT BRIM)

ITEM#	DESCRIPTION
48-73-1364	BOLT *White Front Brim Vented Safety Helmet with IMPACT ARMOR * Liner (USA) - Type 2, Class C
48-73-1365	BOLT™ White Front Brim Safety Helmetwith MPSCT SRMOR™ Liner (USS) - Type 2, Class E.
48.73-1366	BOLT "Vellow Front Brim Vented Safety Helmet with INPACT ARMOR "Liner (USA) - Type 2, Class C
48-73-1367	BOLT™Yellow FrontBrim Safety Helmetwith IMPACT &FMOR™ Liner (USA) - Type 2, Class E
48-73-1388	BOLT* Blue Front Brim Vented Safety Helmet with IMPACT &RMOR* Liner (US&) - Type 2, Class C.
48-73-1369	BOLT™ Blue Front Brim Safety Helm et with IMPACT #FMOR™ Liner (USA) - Type 2 , Class E
48-73-1370	BOLT ■ Green Front Brim Vented Safety Helmet with MPACT ARMOR™ Liner (USA) - Type 2, Class C
48-73-1371	BOLT™ Green Front Brim Safety Helmet with IMPACT ARMOR™ Liner (USA) - Type 2, Class E
48-73-1372	BOLT™Red FrontBrim Verted Safety Helmetwith INPACT &RMOR™Liner (USA) - Type 2, Class C
48-13-1373	BOLT™Red FrontBrim Safety Helmet with IMPACT ARMOR™ Liner (USA) - Type 2, Class E
48-73-1374	BOLT ** Black Front Brim Vented Safety Helm et with IMPACT ARMOR** Liner (USA) - Type 2, Class C
48-73-1375	BOLT™Black Front Brim Safety Helmetwith MP&CT &RMOR™Liner (US&) - Type 2, Class E
48-73-1376	BOLT™ Orange Front Brim Vented Safety Helmet with INPACT &RMOR™ Liner (US&) - Type 2, Class C.
48-73-1377	BOLT™ Orange Front Brim Safety Helmet with IMPACT ARMOR™ Liner (USA) - Type 2, Class E
48-73-1380	BOLT Gray Front Brim Vented Safety Helmet with IMPACT ARMOR Liner (USA) - Type 2, Class C
48-73-1381	BOLT™ Gray Front Brim Safety Helmet with INPACT &RMOR™ Liner (USA) - Type 2, Class E



#### IMPACT ARMOR™ LINER

- Advanced Slip, Trip & Fall Protection
- IMPACTARMOR™ Liner Delivers the Best Oblique Impact Protection+(utilizing RHEON\*\* Technology) †Based on impacts at a 45° angle at a speed of 6.5 M/s averaged across 16 testing locations around the full helmet circumference.
- Antimicrobal Prevents Odor and Bacteria
- Compatible with Milwaukee® Safety Helmets
- Removable And Machine Washable
- Soft Polyester Construction for Comfort
- Liner Reduces Pressure Points for Additional Comfort
- Attaches to Suspension with Nelcro
- Lightweight Design for All Day Wear

ITEM#	DESCRIPTION	
48-73-1382	BOLT MPACT ARMOR Liner	





#### **BOLT" REFLECTIVE STICKERS**

- Long Lasting
- Resists
- Allows fo
- Non-Cor

UV Fading	COMING
for Custo mization	SOON
nductive Material	The state of the s

ITEM #	DESCRIPTION
48-73-4600	BOLT™ Reflective Stickers - Silver
48-73-4600B	BOLT™ Reflective Stickers - Silver (20)
48-73-4601	BOLT™Reflective Stickers - Vellow
48-73-4602	BOLT™ Reflective Stokers - Orange
48-73-4603	BOLT™ Reflective Stickers - Red
48-73-4604	BOLT* Reflective Stripes - Silver
48-73-4605	B0LT™Reflective Stripes - Silver (20)







#### SAFETY HELMETS





CUSTOMIZE YOUR PPE





BOLT.





SAFETY HELMET BETTER PROTECTION *MORE COMFORT* 

JNSMSEAZea1 TYPE I, TYPE II. Capacity day ses 4.2.12 (Front)



#### TYPE II SAFETY HELMET FRONT BRIM



ITEM#	COLOR	CLASS
48-73-1320	WHITE	Ċ
48-73-1321	WHITE	E
48-73-1322	YETTOM.	C
48-73-1323	YELLOW	E
48-73-1324	BLUE	C
48-73-1325	BLUE	E
48-73-1326	GREEN	C

ITEM#	COLOR	CLASS
48-73-1327	GREEN	E
48-73-1328	RED	C
48-73-1329	RED	E
48-73-1330	BLACK	C
48-73-1331	BLACK.	E
48-73-1332	OBANGE	C
48-73-1333	ORANGE	E

BOLT

#### TYPE II SAFETY HELMET NO BRIM

#### Safety Helmet Colors available:



ITEM#	COLOR	CLASS
48-73-1307	GREEN	E
48-73-1308	RED	C
48-73-1309	RED	E
48-73-1310	BLACK	C
48-73-1311	BLACK	E
48-73-1312	ORANGE	C
48-73-1313	ORANGE	E

48-73-1100



BOLT

#### FRONT BRIM HARD HAT W/4PT RATCHETING

ITEM #	COLOR	CLASS
8-73-1100	WHITE	E
48-73-1200	WHITE	C
8-73-1102	YELLOW	E
18-73-1202	YELLOW	C
8-73-1104	BLUE	E
8-73-1204	BLUE	C
8-73-1106	GREEN	E
8-73-1206	GREEN	C
8-73-1108	RED	E
18-73-1208	RED	C
8-73-1110	BLACK	E
8-73-1210	BLACK	C
8-73-1112	ORANGE	E
8-73-1212	ORANGE	C
8-73-1114	GRAY	E
8-73-1214	GRAY	Ĉ.

48-73-1101



#### BOLT **FULL BRIM** HARD HAT W/4PT RATCHETING SUSPENSION

ITEM#	COLOR	CLASS
48-73-1101	WHITE	E
48-73-1201	WHITE	C
48-73-1103	YELLOW	E
48-73-1203	YELLOW	C
48-73-1105	BLUE	E
48-73-1205	BLUE	C
48-73-1107	GREEN	E
48-73-1207	GREEN	C
48-73-1109	RED	E
48-73-1209	RED	C
48-73-1111	BLACK	E
48-73-1211	BLACK	0
48-73-1113	ORANGE	E
48-73-1213	ORANGE	Û
48-73-1115	GRAY	E
48-73-1215	GRAY	C

48-73-1121



#### BOLL **FULL BRIM** HARD HAT W/6PT RATCHETING

ITEM #	COLOR	CLASS
48-73-1121	WHITE	E
48-73-1221	WHITE	C
48-73-1123	YELLOW	E
48-73-1223	YELLOW	C
48-73-1125	BLUE	E
48-73-1225	BLUE	C
48-73-1127	GREEN	E
48-73-1227	GREEN	C
48-73-1129	RED	E
48-73-1229	RED	C
48-73-1131	BLACK	E
48-73-1231	BLACK	C
48-73-1133	ORANGE	E
48-73-1233	ORANGE	C
48-73-1135	GRAY	E
48-73-1235	GRAY	G













#### BOLT" SUN PROTECTION

- UV Protection Everyday Wear
- 50\* UPF Protection
- Moisture Wicking -Stay Cool Dry Fast
- Antimicrobial Shade Prevents Odor and Bacteria
- Breathable Mesh -Stay Cool
- Dedicated Ear-Muff Accessory Slots
- Zip Off Shade for Machine Wash
- Compatible with Milwaukee Hard Hats and Helmets:

ITEM#	DESCRIPTION
48-73-1070	BOLT Sunshade
48-73-1072	BOLTVisor and Sunshade
48-73-1073	BOLTVisor

#### BOLT" MESH FACE SHIELD

- Durable Mesh
- Highly Durable Stainless-Steel Mesh
- Wide and Clear Field of View
- Quick Attachment and Removal
- B0LT™ System Secure Accessories Simultaneously
- Compatible with Milwaukee® Safety Helmets and Hard
- Secure into BOLT™ Slots





ReimetOnly

ITEM#	DESCRIPTION
48-73-1430	BOLT Mesh Face Shield (Universal)
48-73-1431	BOLT Mesh Face Shield (No Brim Helmet Only)
48-73-1432	5 PK Replacement Mesh (Universal)
48-73-1433	10 PK Replacement Mesh (Universal)
48-73-1434	5 PK Replacement Mesh (No Brim Helment Only)
48-73-1435	10 PK Replacement Mesh (No Brim Helment Only)

## **BOLT** Mount

- Comes with All BOLT™ Face Shield or Eye Visors
- Milwaukee headlamp on top of your BOLT™ Face shield or Eye Visor



ITEM#	DESCRIPTION
48-73-1094	BOLT Low -Profile Headlamp Mount





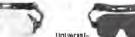
#### BOLT" VISORS

- Best Fit. Easy Headlamp Use
- More Comfortable Pivoting Visor Angle Raise and Lower with Headlamp Mounted
- Lasting Fog-Free Interior Coating
- BOLT™ System Secure Accessories Simultaneously
- Compatible with Milwaukee® Safety Helmets & Hard Hats
- Secures into BOLT™ Front Mount

ITEM#	DESCRIPTION
48-73-1410	BOLT Clear Visor (Universal)
48-73-1411	BOLT Clear Visor (Helmetonly)
48-73-1415	BCLTTinted Visor (Universal)
48-73-1416	BOLT Tinted Visor (Helmet only)
48-73-1458	BCLTVisor - Brim only (Universal)
48-73-1459	BOLT Visor - Brim only (Helm et only)
48-73-1450	S PK Clear Replacement Visor
48-73-1451	10 PK Clear Replacement Visor
48-73-1452	5 PK Tinted Replacement Visor
48-73-1453	10 PK Tinted Replacem ent Visor











#### BOLT" Full Face Shields

- Long-Lasting Visibility
- Long Lasting Fog-Free Interior Coating
- Anti-Scratch Exterior Hard Coating
- Quick Attachment & Removal
- B0LT\* System Secure Accessories Simultaneously
- Compatible with Milwaukee Safety Helmets and Hard Hats
- Secures into BOLT\* Slots

ITEM #	DESCRIPTION
48-73-1420	BOLT Clear Full Face Shield (Universal)
48-73-1421	BOLT Clear Full -Face Shield (No Brim)
48-73-1425	BOLTGray Full-Face Shield (Universal)
48-73-1426	BOLT Gray Full -Face Shield (No Brim)
48-73-1448	BOLT Full Face Shield - Universal Assembly
48-73-1449	BOLT Full Face Shield - No Brim Assembly
48-73-1440	5 PK Clear Replacement Shield (Universal)
48-73-1441	10 PK Clear Replacement Shield (Universal)
48-73-1442	S PK Gray Replacement Shield (Universal)
48-73-1443	10 PK Gray Replacement Shield (Universal)
48-73-1444	5 PK Clear Replacement Shield (No Brim)
48-73-1445	10 PK Clear Replacement Shield (No Brim)
48-73-1446	5 PK Gray Replacement Shield (No Brim)
48-73-1447	10 PK Gray Replacement Shield (No Brim)





Universal-Helmet or Hard Hat





#### **BOLT**" Earmuffs

- · Adjustable Fit Center-Mount Design
- Balanced Wear Multiple Storage Positions
- Secures into Milmaukee® Safety Helmets and Hard Hats BOLT™ and Universal Accessory Slots

ITEM#	DESCRIPTION
48-73-3250	BOLT Earn uffs NRR - 24 dB
48-73-3251	BOLTEarm uffs NRR - 26dB

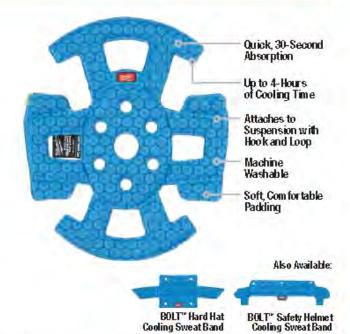




#### COOLING SOLUTIONS

## KEEP COOL



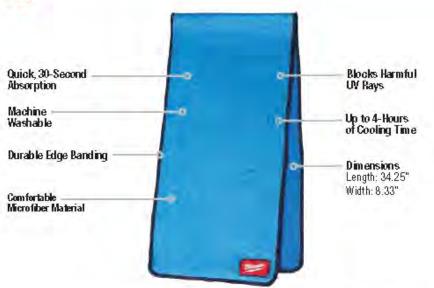


Model #	Description	
48-73-4542	BOLT™ Cooling Hard Hat Sweat Band	
48-73-4543	BOLT™ Cooling Safety Helmet Sweat Band	

Model #	Description
48-73-4544	BOLT™ Cooling Satisty Halmet Liner
48-73-4545	BOLT™ Cooling Skull Cap

## **COOLING TOWELS**

## KEEP COOL



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Cooling PVA Towel

Model #	Description	
48-73-4540	Cooling PVA Towel	
48-73-4541	Cooling Microfiber Towel	

Model #	Description	
48-73-4540B	10 Rx Cooling PVA Towel	
48-73-4541B	10 Fk Cooling Microtiber Towel	

#### HIGH VISIBILITY VESTS

- Quick Internal Size Adjustment
- Reinforced Pen Pockets
- Fall Protection Pass-Through
- 10 Total Pockets



ITEM #	DESCRIPTION	BUY PK
48-73-9021	Vállov - S/M	12
48-73-9022	Yellow - LOL	12
48-73-9023	Yellow - 2011/301	12
48-73-5031	Orange - S/M	12
48-73-9032	Orange - L/ML	12
48-73-9033	Orange - 2XL/3XL	12
48-73-5061	Yellow - S/M (CS/4)	12
48-73-5062	Yellow - LAXL (CSA)	12
48-73-5063	Yellow - 2XL/3XL (CSA)	12
48-73-5071	Orange - S.M (CSA)	12
48-73-9072	Orange - L/XL (CSA)	12
48-73-9073	Orange - 2KLGKL (CSA)	12

#### HIGH VISIBILITY PERFORMANCE VESTS

- Reinforced Front Pockets
- Comfortable Padded Collar
- Quick Internal Size Adjustment
- 15 Total Pockets including Tablet Pocket



ITEM#	DESCRIPTION	BUY PK
48-73-9041	Yellow - S/M	12
48-73-5042	Yellow - L/XL	12
48-73-5043	Yellow - 2KL/SKL	12
48-73-5051	Orange - S/M	12
48-73-6052	Orange - L/XL	12
48-73-5053	Orange - 2011/3011	12
48-73-5081	Yellow - S/M (CSA)	12
48-73-5082	Yellow - LOSL (CSA)	12
48-73-5083	Yellow - 2912/3812 (CSA)	12
48-73-5091	Drange - S.M (CS.4)	12
48-73-5092	Orange - LXL (CSA)	12
48-73-9093	Orange - 2KLGXL (CSA)	12

#### **CLASS 2 HIGH VISIBILITY** MESH SAFETY VESTS

- STAY COOL ANTI-ODOR.
- Moisture Wicking -Stay Cool, Dry Fast
- Lightweight, Breathable Mesh
- Quick Internal Size Adjustment-Better Fit
- 9 Total Pockets with Reinforced Pan Pockets



ITEM#	DESCRIPTION	BUYPK
48-73-6111	Yellow - S.M.	12
48-73-5112	Yellow - L/XL	12
48-73-5113	Yellow - 2XL/3XL	12
48-73-5114	Yellow - 4XL/5XL	12
48-73-5115	Orange - S/M	12
48-73-5116	Orange - L/XL	12
48-73-5117	Orange - 20L/3XL	12
48-73-6118	Orange - 401L/SXL	12

#### CLASS 2 BREAKAWAY HIGH VISIBILITY MESH SAFETY VESTS

- STAY COOL, ANTI-ODOR.
- Moisture Wicking-Stay Cool, Dry Fast
- Lightweight, Breathable Mesh
- 5-Point Breakaway on Shoulders, Sides, and Front
- 9 Total Pockets with Reinforced Pen Pockets



IIEM #	DESCRIPTION	BUY PK
48-73-5121	Yellow - S/M	12
48-73-5122	Yellow - LOIL	12
48-73-5123	Yellow - 2017/301	12
48-73-5124	Yellow - 43/L/50L	12
48-73-5125	Orange - S.M.	12
48-73-5126	Orange - L/XL	12
48-73-5127	Orange - 2KLGXL	12
48-73-5128	Orange - 4XL/5XL	12
48-73-5171	Yellow - S.M (ANSI/CSA)	12
48-73-5172	YELLOW - LAYL (ANSI/CS/A)	12
48-73-5173	Yellow - 2XL/3XL (ANSVCSA)	12
48-73-5174	Yellow - 4XL/5XL (ANSVCSA)	12
48-73-5175	Orange - S/M (ANSI/CSA)	12
48-73-5176	Orange - L/XL (ANSI/CSA)	12
48-73-5177	Orange - 29L/3XL (ANSLCS.A)	12
48-73-5178	Orange - 40L/SXL (ANSI/CS/A	12

#### CLASS 2 HIGH VISIBILITY MESH ONE POCKET SAFETY VESTS

- Lightweight, Breathable Mesh
  - 1 Mic Tab.
- Secure Zipper Closure
- 1 External Chest Pocket



ITEM#	DESCRIPTION	BUY PK
48-73-2241	Yellow - S.M.	12
48-73-2242	Yellow - L/XL	12
48-73-2243	Yellow - 2KL/SKL	12
48-73-2244	Yellow - 4XL/5XL	12
48-73-2245	Orange - S/M	12
48-73-2246	Orange - L/XL	12
48-73-2247	Orange - 20L/30L	12
48-73-2248	Orange - 401L/50L	12
48-73-2251	Yellow - S/M (CSA)	12
48-73-2252	Yellow - LOL (CSA)	12
48-73-2253	Yellow - 2XL/3XL (CSA)	12
48-73-2254	Vellow - 40/L/5XL (CSA)	12
48-73-2295	Drange - S.M (CS.4)	12
48-73-2296	Orange - LXL (CSA)	12
48-73-2257	Drange - 2XLGXL (CSA)	12
48-73-2298	Orange - 4XL5XL (CSA)	12

#### CLASS 3 HIGH VISIBILITY MESH SAFETY VESTS

- STAY COOL ANTI-ODOR.
- Moisture Wicking -Stay Cool, Dry Fast
- Lightweight, Breathable Mesh
  - Quick Internal Size Adjustment-Better Fit
- 9 Total Pockets with Reinforced Pan Pockets



ITEM#	DESCRIPTION	BUYPK
48-73-5131	Yellow - S/M	12
48-73-6132	Yellow - LXL	12
48-73-5133	Yellow - 2XL/3XL	12
48-73-5134	Yellow -4XL/5XL	12
48-73-6135	Orange - S/M	12
48-73-5136	Orange - L/XL	12
48-73-5137	Orange - 20L/3XL	12
48-73-6138	Orange - 4XL/SXL	12

#### CLASS 3 HIGH VISIBILITY SAFETY VESTS

- Quick Internal Size Adjustment -Better Fit
- Fall Protection Pass-Through
- Clear ID Holder
- 10 Total Pockets with Reinforced Pan Pockets



ITEM #	DESCRIPTION	BUY PK
48-73-5141	Yellow - S/M	12
48-73-5142	Yellow - L/XL	12
48-73-5143	Yellow - 2XL/3XL	12
48-73-5144	Yellow - 4XL/SXL	12
48-73-5145	Orange - S/M	12
48-73-5146	Orange - L/XL	12
48-73-5147	Orange - 2XLGXL	12
48-73-5148	Orange -4XL/5XL	12

#### AR/FR CAT. 1 CLASS 2 HIGH VISIBILITY YELLOW MESH SAFETY VESTS

- Quick Internal Size Adjustment Better Fit

- Pan Pockets



ITEM#	DESCRIPTION	BUY PK
48-73-5201	Yellow - S/M	12
48-73-5202	Yellow - L/XL	12
48-73-5203	Yellow - 2XL/3XL	12
48-73-5204	Yellow - 4XL/5XL	12

#### AR/FRICAT. 1 CLASS 2 HIGH VISIBILITY VELLOW SAFETY VESTS

- Quick Internal Size Adjustment -Better Fit
- Fall Protection Pass-Through
- 10 Total Pockets with Reinforced Pen Pockets



ITEM#	DESCRIPTION	BUYPK
48-73-5301	Yellow - S.M	12
48-73-5302	Yellow - L/XL	12
48-73-5303	Yellow - 2KL/3XL	12
48-73-5304	Yellow - 4XL/5XL	12



- INTERACTIVE Real-Time Design
- ADD YOUR LOGO Most File Types Accepted
- EASY ORDERING with No Added Fees

Loco

#### **HEAD PROTECTION**

#### **Print Capabilities:**

- Up to 4 Unique Locations
- Unlimited Colors

#### Minimum Orders: 24

- Can Mix Class, Brim Style, Suspension and Colors in Increments of 6.
- Helmets and Hard Hats can not be mixed within minimum order quantities.











LOCO





#### SAFETY VEST

#### **Print Capabilities:**

- Up to 2 Unique Locations
- Up to 8 Colors

#### Minimum Orders: 24

Can Mix Sizes in Increments of 12



Left Pocket



Back



Lower Back

#### HOW TO SUBMIT AN ORDER

- Place an order through a Sales Representative, MILWAUKEE® Connect or create a configurator ID on https://www.milwaukeetool.com/
- If you have a configurator ID you can place an order by providing this ID to a Milwaukee Tool distributor.
- Once an order is placed a final proof will be sent to the email associated with the order within 24 hours of when the order was placed.

#### **DESIGN CAPABILITIES**

Upbaid Your Logo
 Add Text
 Add from Available Stock Image Library
 Graphic Support Available to recreate or convert uploaded files to high resolution vectors for printing.

#### **LEAD TIME**

Estimated turnaround time for most orders is 2-3 weeks after final artwork has been approved.\*

#### MORE INFORMATION

Please send an email to CXCustomSafety@mihraukeetool.comor call 1-800-SAW DUST (1-800-729-3878) for more information or questions related to customization.

An order can be canceled prior to the artwork proof being approved. If the proof is approved the order cannot be canceled or returned as all customized products are made just for you.

"If you have multiple customized products on an order it will move to production once all artwork has been approved. For any orders over 2,000 additional production time will be needed. If there is a problem with your order you will be contacted with further information.

# CUSTOMIZE YOUR PPE

#### NITRILE DIPPED GLOVES

#### **CUT 1 DIPPED GLOVES**

- \* Textured Nitrile Palm
- Nylon/Lycra Bland
- + SMARTSWIPE™ Index Fingertip
- + ANSI & EN Cut Level 1 Protection
- High Dexterity Design







ITEM #	DESCRIPTION	
48-22-8900B	OutLevel 1 Nitille Dipped Gloves - S	
48-22-8901B	OutLevel 1 Nitrile Dipped Gloses - M.	
48-22-8902B	OutLesel 1 Nitille Dipped Gloves - L	
48-22-8903B	OutLevel 1 Niville Dipped Gloves - XL	
48-22-8904B	Out Level 1 Nittile Dipped Gloves - XXL	

#### **CUT 2 DIPPED GLOVES**

- \* Reinforced Nitrile Coating
- + 50% More Puncture Resistant\*
- + 15 Gauge Material
- \* Nitrile Coated Palm
- \* SMARTSWIPE"







ITEM #	DESCRIPTION	
48-22-8929B	OutLevel 2 Nittile Dipped Gloves - S	
48-22-89268	OutLevel 2 Nitrile Dipped Gloves - M	
48-22-8927B	OutLevel 2 Nitrille Dipped Gloves - L	
48-22-89288	OutLevel 2 Nitrile Dipped Gloves - XL	
48-22-8929B	Out Level 2 Nitrile Dipped Gloves - XXL	

#### **CUT 3 DIPPED GLOVES**

- + ANSI & EN Cut Laval 3 Protection
- + Comfort Web Grip
- + Best in class Puncture Rating
- SMARTSWIPE™ Palm & Fingertips
- High Dexterity Design







DESCRIPTION	
OutLevel 3 Nitile Dipped Gloves - S	
OutLevel 3 Nittile Dipped Gloves - M	
OutLevel 3 Nittile Dipped Gloves - L	
OutLevel 3 Nitille Dipped Gloves - XL	
Cut Level 3 Nitrile Dipped Gloves - XXL	
	OutLevel 3 Nitrile Dipped Gloves - S OutLevel 3 Nitrile Dipped Gloves - M OutLevel 3 Nitrile Dipped Gloves - L OutLevel 3 Nitrile Dipped Gloves - XL

#### **CUT 4 DIPPED GLOVES**

- Reinforced Nitrile Coating
- + 40% More Puncture Resistant\*
- + Nitrile Coated Palm
- + SMARTSWIPE"
- \* ANSI Cut 4 Rated







ITEM #	DESCRIPTION	
48-22-8949B	OutLevel 4 Nittile Dipped Gloves - S	
48-22-89468	OutLevel 4 Nitrile Dipped Gloves - M	
48-22-8947B	CutLesel 4 Nittile Dipped Gloves - L	
48-22-89488	OutLevel 4 Nitrile Dipped Gloves - XL	
48-22-89498	Out Level 4 Nitrille Dipped Gloves - XXL	

#### **CUT 5 DIPPED GLOVES**

- + ANSI Cut Level 5 Protection
- Double Dipped Grip
- Best in class Puncture Rating
- SMARTSWIPE™ Palm & Fingertips
- High Dexterity Design







ITEM #	DESCRIPTION	
48-22-8950B	OutLevel 5 Nittile Dipped Gloves - S	
48-22-8951B	OutLevel 5 Nittile Dipped Gloves - M	
48-22-8952B	OutLevel 5 Nitrille Dipped Gloves - L	
48-22-89538	CutLevel 5 Nittile Dipped Gloves - XL	
48-22-8954B	Cut Level 5 Nittile Dipped Gloves - XXL	

#### POLYURETHANE DIPPED GLOVES

#### CUT 1 DIPPED HI-VIS GLOVES

- Lightweight and Breathable
- 15 Gauge Material
- SMARTSWIPE™
- Polyurethane Dipped
- Soft and Comfortable Liner







ITEM#	DESCRIPTION	BUY PK
48-73-89108	12PK High Visibility Out Level 1 Polyurethane Dipped - S	12
48-73-8911B	12PK High Visibility Out Level 1 Polyurethene Dipped - M	12
48-73-8912B	12PK High Visibility CutLevel 1 Polyurethane Dipped - L	12
48-73-89138	12PK High Visibility Cut Level 1 Polyurethane Dipped - XL	12
48-73-8914B	12PK High Visibility Cut Level 1 Polyurethane Dipped - XXL	12

#### **CUT 2 DIPPED HI-VIS GLOVES**

- \* Better Fit. Better Protection.
- · Reinforced Nitrile Coating
- SMARTSWIPE\*\*
- 15 Gauge Material
- Polyurethane Dipped Palm







IT EM #	DESCRIPTION	BUY PK
48-73-89208	12PK High Visibility Out Level 2 Polyurethane Dipped + S	12
48-73-8921B	12PK High Visibility Out Level 2 Polyurethene Dipped - M	12
48-73-8922B	12PK High Visibility Cut Level 2 Polyurethane Dipped - L	12
48-73-8923B	12PK High Visibility Out Level 2 Polyurethane Dipped - XL	12
48-73-8924B	12PK High Visibility Out Level 2 Polyurethane Dipped - XXL	12

#### **CUT 3 DIPPED HI-VIS GLOVES**

- Batter Fit. Better Protection.
- Reinforced Nitrile Coating
- \* SMARTSWIPE™
   \* 15 Gauge Material
- \* Polyurathana Dipped Palm







ITEM #	DESCRIPTION	BUY PK
48-73-8930B	12PK High Visibility Out Level 3 Polyurethane Dipped - S	12
48-73-8931B	12PK High Visibility Out Level 3 Polyurethane Dipped - M	12
48-73-8932B	12PK High Visibility OutLevel 3 Polyurethane Dipped - L.	12
48-73-89338	12PK High Visibility Out Level 3 Polyurethane Dipped - XL	12
48-73-8934B	12PK High Visibility Out Level 3 Polyurethane Dipped - XXL	12

#### **CUT 4 DIPPED HI-VIS GLOVES**

- . Batter Fit, Batter Protection.
- · Reinforced Nitrile Coating
- SMARTSWIPE™
- 15 Gauge Material
   Polyurethane Dipped Palm







ITEM#	DESCRIPTION	BUY PK
48-73-89 40B	12PK High Visibility Out Level 4P olyurethane Dipped - S	12
48-73-8941B	12PK High Visibility Out Level 4P olyurethane Dipped - M	12
\$8-73-89 <b>42</b> B	12PK High Visibility Cut Level 4 Polyurethane Dipped - L	12
48-73-89-438	12PK High Visibility Out Level 4Polyurethane Dipped - XL	12
48-73-89 448	12PK High Visibility Out Level 4P olyunethane Dipped - XXL	1 12

#### **CUT 5 DIPPED HI-VIS GLOVES**

- · Reinforced Nitrile Coating
- Lightweight and Breathable
- 40% More Puncture Resistant\*
- SMARTSWIPE™
- Polyurethane Dipped







ITEM #	DESCRIPTION	BUY PK
48-73-8990B	12PK High Visibility Cut Level 5 Polyurethane Dipped - S	12
48-73-8951B	12PK High Visibility Out Level 5 Polyurethane Dipped - M	12
48-73-8952B	12PK High Visibility CutLevel 5 Polyurethane Dipped - L	12
48-73-8953B	12PK High Visibility Out Level 5 Polyurethane Dipped - XL	12
48-73-8954B	12PK High Visibility Out Level S Polyurethane Dipped - XXL	12

#### **CUT LEVEL 2 HIGH DEXTERITY** NITRILE DIPPED GLOVES

- 18 Gauge Total Mobility
- Reinforced Nitrile Coating Between Thumb and Index Finger
- Long-Lasting Nitrila Dip
- SMARTSWIPE™ Touchscreen Compatible Fingertips





IYEM#	DESCRIPTION	BUYPK
48-73-7120	OutLevel 2 High Dexterity Nitrile Dipped Boyes - S	6
48-73-7121	OutLevel 2 High Dexterity Nitrile Dipped Gloves - M	6
48-73-7122	CutLevel 2 High Dexterity Nitrille Dipped Gloves – L.	6
48-73-7123	OutLevel 2 High Dexterity Nittile Dipped Gloves — XL	6
48-73-7124	Out Level 2 High Dexterity Nittile Dipped Gloves — XXL	6
48-73-7120E	12PK OutLevel 2 High Dexterity Nitrile Dipped Gloves - S	12
48-73-7121E	12PK OutLevel 2 High Dexterity Nittle Dipped Gloves - M	12
48-73-7122E	12PK OutLevel 2 High Desterity Nitrile Dipped Gloves L.	12
48-73-7123E	12PK OutLevel 2 High Dexterity Nitrie Dipped Goves - XL	12
48-73-712 €	12PK Out Level 2 High Dexterity Nittile Dipped Gloves XXL	12

#### **CUT LEVEL 3 HIGH DEXTERITY** NITRILE DIPPED GLOVES

- 18 Gauge Total Mobility
- Reinforced Nitrile Coating Between Thumb and Index Finger
- Long-Lasting Nitrile Dip
- SMARTSWIPETM Touchscreen Compatible Fingertips



IYEM#	DESCRIPTION	BUYAK
48-73-7130	OutLevel 3 High Dexterity Nitrile Dipped Gloves – S	6
48-73-7131	OutLevel 3 High Dexterity Nitrile Dipped Gloves - M	6
48-73-7132	OutLevel 3 High Dexterity Nitrile Dipped Gloves - L	6
48-73-7133	OutLevel 3 High Dexterity Nitrile Dipped Gloves - XL	6
48-73-7134	Out Level 3 High Dexterity Nitrile Dipped Gloves – XXL.	6
48-73-7130E	12PK OutLevel 3 High Dexterity Nitrile Dipped Boves - S	12
48-73-7131E	12PK OutLevel 3 High Dexterity Nitrile Dipped Gloves - M	12
48-73-7132E	12PK Cut Level 3 High Desterity Nitrile Dipped Gloves - L.	12
48-73-7133E	12PK OutLevel 3 High Dexterity Nittle Dipped Boves – XL	12
48-73-713 Æ	12PK Out Level 3 High Desterity Nittile Dipped Gloves — XXL	12

#### **CUT LEVEL 4 HIGH DEXTERITY** NITRILE DIPPED GLOVES

- 18 Gauge Total Mobility
- Reinforced Nitrile Coating Between Thumb and Index Finger
- Long-Lasting Nitrile Dip
- SMARTSWIPE™ Touchscreen Compatible Fingertips





ITEM#	ITEM# DESCRIPTION	
48-73-7140	OutLevel 4 High DexterityNitrile Dipped Goves – S	6
48-73-7141	OutLevel 4 High Dexterity Nitrile Dipped Gloves - M	6
48-73-7142	OutLevel 4 High Desterity Nitrile Dipped Gloves + L.	6
48-73-7143	OutLevel 4 High Dexterity Nitrile Dipped Gloves - XL	6
48-73-7144	Out Level 4 High Dexterity Nittile Dipped Gloves – XXL	6
48-73-7140E	12PK OutLevel 4 High Dexterity Nitrile Dipped Goves — S	12
48-73-7141E	12PK OutLevel 4 High Dexterity Nitrile Dipped Bloves - M	12
48-73-7142E	12PK OutLevel 4 High Dexterity Nitrile Dipped Gloves L.	12
48-73-7143E	12PK OutLevel 4 High Dectarity Nitrile Dipped Goves – XL	12
48-73-7144E	12PK Out Level 4 High Dexterity Nittile Dipped Gloves - XXL	12

#### **CUT LEVEL 5 HIGH DEXTERITY** NITRILE DIPPED GLOVES

- 18 Gauge Total Mobility
- Reinforced Nitrile Coating Between Thumb and Index Finger
- Long-Lasting Nitrile Dip
- SMARTSWIPE™ Touchscreen Compatible Fingertips





IIEM#	DESCRIPTION	
48-73-7150	OutLevel 5 High Dexterity Nitrile Dipped Gloves – S	- 6
48-73-7151	CutLevel 5 High Dextarity Nitrile Dipped Gloves - M	6
48-73-7152	OutLevel 5 High Desterity Nitrile Dipped Gloves – L.	6
48-73-7153	OutLevel 5 High Dexterity Nitrile Dipped Gloves – XL	6
48-73-7154	Out Level 5 High Dexterity Nittile Dipped Gloves – XXL	6
48-73-7150E	12PK OutLevel 5 High Dexterity Nitrile Dipped Goves — S	12
48-73-7151E	12PK OutLevel 5 High Dexterity Nitrie Dipped Gloves - M	12
48-73-7152E	12PK OutLevel 5 High Desterity Nitrille Dipped Gloves L.	12
48-73-7153E	12PK OutLevel 5 High Dectarity Nitrile Dipped Goves - XL	12
48-73-715 €	12PK Out Level 5 High Dexterity Nittile Dipped Gloves - XXL	12

#### **CUT 6 HIGH DEXTERITY NITRILE DIPPED GLOVES**

- 18 Gauge Material
- Reinforced Nitrile Coating
- Polyurathana Dipped Palm
- Smartswipe™ Fingertips





ITEM #	DESCRIPTION	BUY PK
48-73-7000	Cut 6 High Dexterity Gloves - S	6
48-73-7001	Out 6 High Dexterity Gloves - M	6
48-73-7002	Out 6 High Dexterity Gloves - L	6
48-73-7003	Out 6 High Dexterity Gloves - XL	6
48-73-7004	Cut 6 High Desterity Gloves - XXL	- 6
48-73-7000B	Cut 6 High Denterity Gloves - S	12
48-73-7001B	Out 6 High Dexterity Gloves - M	12
48-73-7002B	Out 6 High Dexterity Gloves - L	
48-73-7003B	Out 6 High Dexterity Gloves - XL	12
48-73-7004B	Out 6 High Desterity Gloves - XXL	12

#### **CUT 7 HIGH DEXTERITY NITRILE** DIPPED GLOVES

- 18 Gauge Material
- Reinforced Nitrile Coating
- Polyurethane Dipped Palm
- Smartswipe™ Fingertips





ITEM #	DESCRIPTION	BUY PE
48-73-7010	Out 7 High Dexterity Gloves - S	6
48-73-7011	Out 7 High Dexterity Gloves - M	6
48-73-7012	Out 7 High Deaterity Gloves - L.	6
48-73-7013	Out 7 High Dexterity Gloves - XL	6
48-73-7014	Out 7 High Desterity Gloves - XXL	6
48-73-7010B	Out 7 High Dexterity Gloves - S	12
48-73-7011B	Out 7 High Dexterity Gloves - M	12
48-73-7012B	Out 7 High Dexterity Gloves - L	12
48-73-7013B	Out 7 High Dexterity Gloves - XL	12
43-73-7014B	Out 7 High Desterity Gloves - XXL	12

#### **CUT 8 HIGH DEXTERITY NITRILE** DIPPED GLOVES

- 18 Gauge Material
- Reinforced Nitrile Coating
- Polyurathana Dipped Palm
- Smartswipe™ Fingertips





)YEM ¥	DESCRIPTION	BUY PK
48-73-7020	Cut 8 High Deaterity Gloves - S	6
48-73-7021	Out 8 High Dexterity Gloves - M	6
48-73-7022	Out 8 High Dexterity Gloves - L	6
48-73-7023	Out 8 High Desterity Gloves - XL	- 6
48-73-7024	Out 8 High Desterity Gloves - XXL	6
48-73-7020B	Cut 8 High Dexterity Gloves - S	12
48-73-7021B	Out 8 High Dexterity Gloves - M	12
48-73-7022B	Out 8 High Declarity Gloves - L	12
48-73-7023B	Out 8 High Dexterity Gloves - XL	12
48-73-702dB	Out 8 High Desterity Gloses - XXI	12

#### **CUT 9 HIGH DEXTERITY NITRILE DIPPED GLOVES**

- 18 Gauge Material
- Reinforced Nitrile Coating
- Polyurathana Dippad Palm
- Smartswipe™ Fingertips





ITEM ¥	DESCRIPTION	BUY PK
48-73-7030	Out 9 High Dealerity Gloves - S	6
48-73-7031	Out 9 High Dexterity Gloves - M	6
48-73-7032	Out 9 High Dexterity Gloves - L	6
48-73-7033	Out 9 High Dexterity Gloves - XL	6
48-73-7034	Out 9 High Desterity Gloves - XXL	6
48-73-7030B	Out 9 High Decterity Gloves - S	12
48-73-7031B	Out 9 High Dexterity Gloves - M	12
48-73-7032B	Out 9 High Dexterity Gloves - L	12
48-73-7033B	Out 9 High Dexterity Gloves - XL	12
48-73-7034B	Out 9 High Desterity Gloves - XXL	12

#### **CUT 2 HIGH DEXTERITY GLOVES**

- 18 Gauge Material
- Reinforced Poly Coating
- Polygrethane Dipped Palm
- Smartswipe™ Fingertips





ITEM #	ITEM # DESCRIPTION	
48-73-8720	Out 2 High Depterity Gloves - S	6
48-73-8721	Out 2 High Dexterity Gloves - M	6
48-73-8722	Out 2 High Destailty Goves - L	6
48-73-8723	Out 2 High Dexterity Gloves - XL	6
48-73-8724	Out 2 High Deaterity Gloves - XXL	6
48-73-8720B	Out 2 High Depterity Gloves - S	12
48-73-8721B	Out 2 High Dexterity Gloves - M	12
48-73-8722B	Out 2 High Destarity Goves - L	12
48-73-8723B	Out 2 High Dexterity Gloves - XL	12
48-73-8724B	Out 2 High Deaterity Gloves - XXL	12

#### **CUT 3 HIGH DEXTERITY GLOVES**

\* 18 Gauge Material

ITEM# 48-73-8730

48-73-8731

48-73-8732 48-73-8733

48-73-8734

48-73-87308

48-73-87318

48-73-87328

48-73-87338

48-73-8734B

- Reinforced Poly Coating
- Polyurethane Dipped Palm
- Smartswipe ™ Fingertips



Out 3 High Desterity Gloves - M

Out 3 High Dexterity Gloves • L

Out 3 High Dexterity Gloves - XL

Out 3 High Desterity Gloves - XXL

DESCRIPTION	BUYAK
Cut 3 High Desterity Boves - S	6
Out 3 High Desterity Gloves - M	6
Out 3 High Dexterity Gloves - L	6
Out 3 High Desterity Gloves - XL	6
Out 3 High Desterity Gloves - XXL	6
Out 3 High Desterity Boves - S	12

#### **CUT 4 HIGH DEXTERITY GLOVES**

- 18 Gauge Material
- Reinforced Poly Coating
- Polyurethane Dipped Palm
- Smartswipe™ Fingertips





<b>CUT 5 HIGH</b>	DEXTERITY	GLOVES
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- 18 Gauge Material
- Reinforced Poly Coating
- Polyurethane Dipped Palm
- Smartswipe™ Fingertips





12

12

12

12

(TEM #	DESCRIPTION	BUYPK	I) EM#	DESCRIPTION	BUY PK
48-73-8740	Out 4 High Dexterity Gloves - S	6	48-73-8750	Out 5 High Desterity Gloves - S	6
48-73-8741	Out 4 High Desterity Gloves - M	8	48-73-8751	OutS High Dexterity Gloves - M	6
48-73-8742	Out 4 High Dexterity Gloves - L	6	48-73-8752	Out 5 High Desterity Gloves - L	6
48-73-8743	Out 4 High Dexterity Gloves - XL	6	48-73-8753	Out 5 High Dexterity Gloves - XL	6
48-73-8744	Out 4 High Dexterity Gloves - XXL	6	48-73-8754	Cut SHigh Dexterity Gloves - XXL	6
48-73-87408	Out 4 High Dectarity Gloves - S	12	48-73-8790E	Out 5 High Dexterity Gloves - S	12
48-73-8741B	Out 4 High Dexterity Gloves - M	12	48-73-8751E	Out 5 High Dexterity Gloves - M	12
48-73-87428	Out 4 High Dexterity Gloves - L	12	48-73-8752£	Out 5 High Dexterity Gloves - L	12
48-73-87438	Out 4 High Dexterity Gloves - XL	12	48-73-8753E	Out 5 High Dexterity Gloves - XL	12
48-73-87448	Out 4 High Dexterity Gloves - XXL	12	48-73-8754E	Out SHigh Deaterity Gloves - XXL	12

#### **CUT LEVEL 1 INSULATED** WINTER GLOVES

- ULTIMATE WARMTH, ALL DAY COMFORT.
- Warm Acrylic Terry Liner
- Secure Dual Liner

- High Dexterity Design
- Bouble Dipped Latex







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ITEM#	DESCRIPTION	BUY PK
48-22-8910B	12PK OutLevel 1 Insulated Winter Gloves - S	12
48-22-8911B	12PK OutLevel 1 Insulated Winter Gloves - M	12
48-22-8912B	12PK Cut Level 1 Insulated Winter GlovesL.	12
48-22-8913B	12PK OutLevel 1 Insulated Winter Gloves - XL	12
48-22-8914B	12PK OutLevel 1 Insulated Winter Gloves - XXL	12
48-22-8910	OutLevel 1 Insulated Winter Gloves – S	6
48-22-8911	OutLevel 1 Insulated Winter Gloves - M	6
48-22-8912	Out Level 1 Insulated Winter Gloves – L	6
48-22-8913	OutLevel 1 Insulated Winter Gloves - XL	- 6

OutLevel 1 Insulated Winter Gloves - XXI.

#### **CUT LEVEL 2 INSULATED** WINTER GLOVES

- ULTIMATE WARMTH, ALL DAY COMFORT.
- Warm Acrylic Terry Liner
- Secure Dual Liner
- High Dexterity 15 Gauge Nylon Liner
- Sandy Latex Finish for Better Grip







ITEM#	D ESCRIPTION	BUYPK
48-73-79208	12PK Out Level 2 Insulated Winter Gloves – S	12
48-73-7921B	12PK Out Level 2 Insulated Winter Gloves M	12
48-73-79228	12PK Out Level 2 Insulated Winter Gloves L	12
48-73-79238	12PK Out Level 2 Insulated Winter Gloves – XL	12
48-73-79248	12PK OutLevel 2 Insulated Winter Gloves – XXL	12
48-73-7920	Cut Level 2 Insulated Winter Gloves -S	€
48-73-7921	Out Level 2 Insulated Winter Gloves M	6
48-73-7922	Out Level 2 Insulated Winter Goves - E	6
48-73-7923	Out Level 2 Insulated Winter Gloves – XL	6
48-73-7924	Out Level 2 Insulated Winter Gloves – XXL	6

#### **CUT LEVEL 3 INSULATED** WINTER GLOVES

- ULTIMATE WARMTH, ALL DAY COMFORT.
- Warm Acrylic Terry Liner
- Secure Dual Liner
- 3/4 Double Dipped Latex
- High Dexterity Design







ITEM #	DESCRIPTION	BUYPK
48-22-8920B	12PK OutLevel 3 Insulated Winter Gloves – S	12
48-22-89218	12PK OutLevel 3 Insulated Winter Gloves—M	12
48-22-8922B	12PK Out Level 3 Insulated Winter Gloves L	12
48-22-8923B	12PK OutLevel 3 Insulated Winter Gloves – XL	12
48-22-8924B	12PK OutLevel 3 Insulated Winter Gloves - XXL	12
48-22-8920	OutLevel 3 Insulated Winter Gloves – S	6
48-22-8921	CutLevel 3 Insulated Winter Gloves – M	6
48-22-8922	Out Level 3 Insulated Winter Gloves +L	6
48-22-8923	OutLevel 3 Insulated Winter Gloves - XL	6
48-22-8924	OutLevel 3 Insulated Winter Gloves - XXL	6

#### **CUT LEVEL 4 INSULATED** WINTER GLOVES

- ULTIMATE WARMTH, ALL DAY COMFORT.
- Warm Acrylic Terry Liner
- Secure Dual Liner
- High Dexterity 15 Gauge Nylon Liner
- Sandy Latex Finish for Better Grip







(TEM#	DESCRIPTION	BUYPK
48-73-79408	12PK Out Level 4 Insulated Winter Gloves - S	12
48-73-794.1B	12PK Out Level 4 Insulated Winter Gloves -M	12
48-73-79428	12PK Out Level 4 Insulated Winter Gloves - L	12
48-73-79438	12PK Out Level 4 Insulated Winter Gloves – XL	12
48-73-79448	12PK OutLevel 4 Insulated Winter Gloves - XXL	12
48-73-7940	Out Level 4 Insulated Winter Gloves -S	6
48-73-7941	Out Level 4 Insulated Winter Gloves M	] 6
48-73-7942	Out Level 4 Insulated Winter Goves - L	6
48-73-7943	Out Level 4 Insulated Winter Gloves – XL	6
48-73-7944	Out Level 4 Insulated Winter Gloves – XXL	6

#### **CUT LEVEL 5 INSULATED** WINTER GLOVES

- ULTIMATE WARMTH, ALL DAY COMFORT.
- Warm Acrylic Terry Liner
- Secure Dual Liner
- Durable Double Dipped Coating
- Sandy Latex Finish for Better Grip



ITEM #	DESCRIPTION	BUY PK
48-73-7990B	12PK OutLevel 5 Insulated Winter Gloves - S	12
48-73-7951B	12PK OutLevel 5 Insulated Winter Gloves M	1 12
48-73-7952B	12PK Out Level Sinsulated Winter Gloves – L	12
48-73-7953B	12PK OutLevel 5 Insulated Winter Gloves - XL	12
48-73-7954B	12PK OutLevel 5 Insulated Winter Gloves - XXL	12
48-73-7950	OutLevel 5 Insulated Winter Gloves - 3	6
48-73-7951	OutLevel 5 Insulated Winter Gloves – M	6
48-73-7952	Out Level 5 Insulated Winter Gloves – L	6
48-73-7953	OutLevel 5 Insulated Winter Gloves – XL	6
48-73-7954	OutLevel 5 Insulated Winter Gloves - XXL	6

#### **VEND READY GLOVES**

- A1 & A3 Cut Rating
- Nitrile Dipped Palm
- Vending Machine Ready Packaging
- SMARTSWIPE\*
- Color Coded ID Bands for Easy Identification of Cut Level





ITEM #	DESCRIPTION	BUY PK
48-22-8900V	Vend Out Level 1 Nitrile Dipped Gloves - S	12
48-22-8901V	Vend OutLevel 1 Nitile Dipped Gloves – M	12
48-22-8902V	Vend CutLevel 1 Nittile Dipped Gloves – L	12
48-22-8903V	Vend Out Level 1 Nitrille Dipped Gloves - XL	12
48-22-890 d/	Vend Cut Level 1 Nittile Dipped Gloves - KXL	12
48-22-8930V	Venid Out Level 3 Nittile Dipped Gloves - S	12
48-22-8931V	Vend Out Level 3 Nitrile Dipped Gloves - M	12
48-22-8932V	Vend Cut Level 3 Nittile Dipped Gloves - L	12
48-22-8933V	Vend Cut Level 3 Nitrile Dipped Gloves - XL	12
48-22-8944V	Vend Out Level 3 Nittile Dipped Gloves - XXL	12

#### LEATHER PERFORMANCE GLOVES

- Durable Palm Lightweight Design
- Secure Hook and Loop Closure SMARTSWIPE™ Knuckle
- Keystone Thumb
- \* Terry Cloth Sweat Wipe



ITEM #	DESCRIPTION	
48-73-0020	Leather Performance Gloves – S	
48-73-0021	Leather Performance Gloves M	
48-73-0022	Leather Performance Gloves – L	
48-73-0023	Leather Performance Gloves — XL	
48-73-0024	Leather Performance Gloves - XXL	

#### IMPACT CUT LEVEL 5 **DIPPED GLOVES**

- IMPACT PROTECTION, HIGH DEXTERITY.
- Impact-Rated Enhanced TPR
- Nitrile Coating Between Thumb& Index Finger
- Nitrile Coated Gloves
- SMARTSWIPE™ Finger Tips
- Color-Coded Bands





ITEM#	DESCRIPTION	BUY PK
48-22-8980	IMPACT CUT LEVEL 5 NITRILE GLOVES - S	6
48-22-8981	IMPACT CUT LEVEL 5 NITRLE GLOVES - M	6
48-22-8982	IMPACTICUTLEVEL'S NITRILE GLOVES L	6
48-22-8983	IMPACTICUT LEVEL 5 NITRLE GLOVES - XL	6
48-22-8984	MPACT OUT LEVEL S NITRILE GLOVES - XXL	6

#### **CUT 3 SLEEVES**

- High 4-Way Stretch Nylon
- Interior Bicep Cuff Grip
- Tapered Design for Reduced Sagging
- Moisture Wicking Material
- 15 ga A3 and 13 ga A5 for Better Breathability



)YEM¥	DESCRIPTION	BUYAK
48-73-9030	Out3 Sleeve - 16"	6
48-73-9030B	Out3 Sleeve - 16"	12
48-73-9031	Out3 Sleeve - 18"	6
48-73-9031B	Out3 Sleeve - 18"	12

#### **CUT 5 SLEEVES**

- High 4-Way Stretch Nylon
- Interior Bicep Cuff Grip
- Tapered Design for Reduced Sagging
- Moisture Wicking Material
- 15ga A3 and 13ga A5 for Better Breathability



ITEM#	DESCRIPTION	BUAbk
48-73-9090	OutS Sleeve - 16"	6
48-73-9050B	OutS Sleeve - 16"	12
48-73-9061	OutS Sleeve - 18"	6
48-73-9051B	OutS Sleeve - 18"	12

#### **GOATSKIN LEATHER GLOVES**

- Soft Top Grain Goatskin Leather
- Reinforced Palm
- SMARTSWIPE" Knuckle
- Keystone Thumb
- Pull Tab for Easy On and Off



		-
ITEM#	DESCRIPTION .	BUYPK
48-73-0010	Goatskin Leather Gloves - S	6
48-73-0011	Goatskin Leather Gloves - M	6
48-73-0012	Goatskin Leather Gloves - L	6
48-73-0013	Goatskin Leather Gloves - XL	6
48-73-0014	Boatskin Leather Gloves - XXL	6

#### IMPACT CUT LEVEL 3 DIPPED GLOVES

- IMPACT PROTECTION, HIGH DEXTERITY.
- Impact-Rated Enhanced TPR
- Nitrile Coating Between Thumb & Index Finger
- High Dexterity Finger Tips
- SMARTSWIPE\* Finger Tips
- Color-Coded Bands





ITÊM#	DESCRIPTION .	BUYPK
48-22-8970	IMPACT OUT LEVEL 3 NITRILE GLOVES - S	6
48-22-8971	IMPACT OUT LEVEL 3 NITRILE GLOVES - M	6
48-22-8972	MPACT OUT LEVEL 3 NITRILE GLOVES - L	6
48-22-8973	IMPACT OUT LEVEL 3 NITRILE GLOVES — XL	6
48-22-8974	IMPACTICUTLE VELI3 NITRILE GLOVES - XXL	6

#### IMPACT CUT LEVEL 3 **GOATSKIN LEATHER GLOVES**

- Impact Protection. Comfortable Leather.
- Impact Rated Enhanced TPR
- Reinforced Palm
- Soft Top Grain Goats kin Leather
- Keystone Thumb
- Gunn Cut









ITEM#	DESCRIPTION	BUYPK
48-22-8770	IMPACT OUT LEVEL 3 GOATSKIN LEATHER GLONES — S	6
48-22-8771	IMPACTOUTLEVEL 3 GOATSKINLE ATHER GLOVES - M	6
48-22-8772	IMPACT CUT LEVEL 3 GOATSKIN LEATHER GLOVES - L	6
48-22-8773	IMPACT CUT LEVEL 3 GOATSKIN LEATHER GLOVES - XL	6
48-22-8774	MPACT CUT LEVEL 3 GOATSKIN LEATHER GLOVES - XXL	6

# IMPACT CUT LEVEL 5 GOATSKIN LEATHER GLOVES

- Impact Protection, Comfortable Leather.
- \* Impact Rated Enhanced TPR
- · Reinforced Palm
- Soft Top Grain Goatskin Leather
- \* Keystone Thumb
- \* Gunn Cut







ITEM#	DESCRIPTION	RITY PK
II EM#	DESCRIPTION	BUYPA
48-22-8780	IMPACTICUT LEVEL 5 GOATSKIN LEATHER GLOVES - S	6
48-22-8781	IMPACT CUT LEVEL 5 GOATSKIN LEATHER GLOVES -M	6
48-22-8782	IMPACTOUTLEVELS GOATSKIN LEATHER GLOVES — L	6
48-22-8783	IMPACT CUT LEVEL S GOATSKIN LE ATHER GLOVES -XL	6
48-22-8784	IMPACT OUT LEVEL'S GOATSKIN LEATHER GLOVES - XXL	6

#### WINTER PERFORMANCE GLOVES

- \* All Day Warmth
- \* SMARTSWIPE\*
- \* Durable Reinforced Layer
- \* Terry Cloth Sweat Wipe



ITEM #	DESCRIPTION	BUY PK
48-73-0030	Winter Performance Gloves - S	6
48-73-0031	Winter Performance Gloves – M	6
48-73-0032	Winter Performance Gloves L	6
48-73-0033	Winter Performance Gloves - XL	6
48-73-0034	Winter Performance Boves - XXL	6

#### WRECKING WORK GLOVES

- SMARTSWIPE\* knuckle for mobile devices
- Armortex reinforcement
- \* Breathable lining for comfort in all applications
- Molded knuckle protection TPR pad provides ultimate knuckle protection
- · Built-in terry cloth sweat wipe



DESCRIPTION	
Wredking Work Gloves - S	
Wredking Work Gloves - M	
Wrecking Work Gloves - L	
Wretking Work Gloves - XL	
Wredding Work Gloves - XXL	
	Wredking Work Gloves - S Wredking Work Gloves - M Wredking Work Gloves - L Wredking Work Gloves - XL

#### LIGHTWEIGHT WORK GLOVES

- SMARTSWIPE™ Knuckle, Palm, & Fingertips.
- \* Lightweight, Breathable Backing
- · High Dexterity Finger Tips
- \* Reinforced Thumb Seam
- \* Built-in Sweat Wipe



ITEM #	DESCRIPTION	
48-73-8520	LightweightWork Boves – S	
48-73-8521	LightweightWork GlovesM	
48-73-8522	LightweightWork Gloves = L	
48-73-8523	LightweightWork Gloves – XL	
48-73-8524	Lightweight Work Gloves - XXL	

#### IMPACT WRECKING WORK GLOVES

- Impact Protection, Reinforced Durability.
- \* ANSI/ISEA 138 Impact Rated Level 2
- \* Impact Rated Enhanced TPR
- \* Reinforced with ARMORTEX®
- Hook & loop closure for a secure fit



ITEM#	DESCRIPTION	
48-73-8990	Impact Wrecking Work Gloves - S	
48-73-8951	Impact Wrecking Work Gloves - M	
48-73-8952	ImpactWrecking Work Gloves - L	
48-73-8963	Impact Weeking Work Gloves - XL	
48-73-8954	ImpactWrecking Work Goves - XXL	

#### PERFORMANCE FINGERLESS GLOVES

- Fingerless Design
- \* Reinforced Palm & Thumb Seam
- Lightweight, Breathable Backing
- \* Built-in Sweat Wipe



DESCRIPTION
Performance Fingerless Gloves – S
Performance Fingerless Gloves – M
Performance Fingerless Gloves L
Performance Fingerless Gloves.—XL
Performance Fingerless Gloves - XXL

#### WINTER DEMOLITION GLOVES

- All Day Warmth
- \* SMARTSWIPE\*
- Reinforced Palmand Fingertips
- Protective Knuckle Guard



ITEM#	DESCRIPTION	BUYPK
48-73-0040	Winter Demolition Gloves -S	6
48-73-0041	Winter Demolition Gloves - M	6
48-73-0042	Winter Demolition Gloves - L.	6
48-73-0043	Winter Demolition Gloves - XL	6
48-73-0044	Winter Demolition Gloves - XXL	6

#### LIGHTWEIGHT WORK GLOVES WITH FLEXIBLE CUFF

- SMARTSWIPE™ Knuckle, Palm, & Fingertips.
- \* FREE-FLEX Elastic Cuff
- Lightweight, Breathable Backing
- Reinforced Thumb Seam
- High Dexterity Finger Tips
- Built-in Sweat Wipe



ITEM#	DESCRIPTION
48-73-8510	Lightweight Work Gloves with Flexible Cuff – S.
48-73-8511	Lightweight Work Gloves with Flexible Ouff – M
48-73-8512	Lightweight Work Goves with Flexible Ouff -L
48-73-8513	Lightweight Work Gloves with Flexible Ouff – XL
48-73-8514	Lightweight Work Gloves with Flexible Ouff – XXL

#### CLEAR & TINTED ANTI-SCRATCH SAFETY GLASSES

- · Anti-Scratch, All Day Comfort,
- Anti-Scratch Hard Coat
- \* Comfortable Temple Arms Extended Wear
- Flexible Nose Bridge





ITEM #	DESGRIPTION	BUYP
48-73-2011	S AFETY GLASSES - CLEAR ANTI-SCRATCH LENSES	12
48-73-2016	SAFETY GLASSES - TINTED ANTI-SCRATCH LENSES	12

#### YELLOW & GRAY ANTI-SCRATCH SAFETY GLASSES

- . Anti-Scratch, All Day Comfort.
- \* Anti-Scratch Hard Coat
- Comfortable Temple Arms Extended Wear
- Flexible Nose Bridge
- · Yellow lenses for low light applications
- . Gray lenses for indoor and outdoor applications

ITEM ¥	DESCRIPTION	I BUYPK
48-73-2101	SAFETYGLASSES — YELLOW ANTI-SCRATCH LENSES	12
48-73-2106	SAFETYGLASSES - GRAYANTI-SCRATCH LENSES	12



#### MAGNIFIED ANTI-SCRATCH SAFETY GLASSES

- Anti-Scratch, All Day Comfort.
- Anti-Serateh Hand Coat
- Magnified +1.00, +1.50, +2.00, +2.50, & +3.00
- \* Comfortable Temple Arms Extended Wear
- · Flexible Nose Bridge

ITEM #	DESCRIPTION	BUYPK
48-73-2201	SAFETY GLASSES - +1.00 MAGNIFIED CLEAR ANTI-SCRATCH LENSES	12
48-73-2203	S AFETY GLASSES - +1.50 MAGNIFIED CLEAR ANTI-SCRATCH LENSES	12
48-73-2205	SAFETY GLASSES - +2.00 MAGNIFIED CLEAR ANTI-SCRATCH LENSES	12
48-73-2207	S AFETY GLASSES - +2.50 MAGNIFIED CLEAR ANTI-SCRATCH LENSES	12
48-73-2209	SAFETY GLASSES - +3:00 MAGNIFIED CLEAR ANTI-SCRATCH LENSES	12

#### CLEAR & TINTED FOG-FREE SAFETY GLASSES

- \* Fog-Fras. All Day Comfort.
- Fog-Free Lenses
- Comfortable Temple Arms Extended Wear
- Lens Resist Scratching
- Flexible Nose Bridge



ITEM ¥	DESCRIPTION	BUYPK
48-73-2013	SAFETYGLASSES - CLEAR FOG-FREE LENSES	12
48-73-2018	SAFE TYGLASSES — TINTED FOG FREE LENSES	12

#### YELLOW & GRAY FOG-FREE SAFETY GLASSES

- Fog-Free. All Day Comfort.
- Fog-Free Lenses
- \* Comfortable Temple Arms Extended Wear
- Lens Resist Scratching
- Flexible Nose Bridge
- · Yellow lenses for low light applications
- Gray lenses for indoor and outdoor applications

ITEM #	DESCRIPTION	BUYPK
48-73-2103	SAFETY GLASSES — YELLOW FOG-FREE LENSES	12
48-73-2108	SAFETY GLASSES - GRAY FOG-FREE LEWSES	12

#### PERFORMANCE SAFETY GLASSES

- · High Impact, Fog-free Lenses
- Military Grade Impact Protection
- Fog-Free Lenses
- Lens Resist Scratching
- Comfortable Temple Arms Extended Wear
- Yellow lenses for low light applications
- . Gray lenses for indoor and outdoor applications



ITEM ¥	D ESC RIP TION	BUYPK
48-73-2126	PERFORMANCE SAFETY GLASSES - GRAY FOG-FREE LENSES	12
48-73-2121	PERFORMANCE SAFETY GLASSES - YELLOW FOG-FREE LENSES	12
48-73-2026	PERFORMANCE SAFETY GLASSES — TINTE DIFOG-FREE LENSES	12
48-73-2021	PERFORMANCE SAFETY GLASSES - CLEAR FOG-FREE LENSES	12

#### FOG-FREE PERFORMANCE SAFETY GLASSES W/ GASKET

- Removable Gasket Protects Against Debris
- Military Grade Impact Protection
- Lasting Fog-Free Lenses
- + ANSIZ87.1+
- CSA Z94.3
- Comfortable Arms for Extended Wear







#### LOCKING TOOL LANYARDS

- Best Shock Absorption
- Double Locking Carabiner
- Integrated Swivel
- Color Coded by Weight Rating
- Serial Numbered ID Tag



ITEM #	DESCRIPTION	
48-22-8810	10th Locking Tool Lanyard	
48-22-8811	10th Locking Extended Tool Lanyard	
48-22-8815	19b Locking Tool Lanyard	
48-22-8850	35lb Locking Tool Lanyard	

#### **EXTENDED REACH TOOL LANYARDS**

- Best Shock Absorption
- Double Locking Carabiner
- Integrated Swivel
- Color Coded by Weight Rating

Serial Numbered 10 Tag	
ITEM #	DESCRIPTION
48-22-8812	10LBS 72 "Extended Reach Locking Tool Lanyard
48-22-8817	1SLBS 72 "Extended Reach Locking Tool Lanyard
49-22-9911	101 PC Cd "Entended Reach Ladring Tool Lancard

15LBS 54 "Extended Reach Locking Tool Lanyard





#### QUICK CONNECT LOCKING TOOL LANYARDS

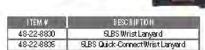
- Quick-Connect System.
- Best Shock Absorption
- Double Locking Carabiner
- Integrated Sovivel
- Color Coded by Weight Rating



ITEM #	DESCRIPTION	
48-22-8820	10th Quick Connect Locking Tool Lanyard	
48-22-8823	3pc 10lb Quick Connect Accessory	
48-22-8822	Opc Sib Quick Connect Accessory	

#### WRIST LANYARDS

- Soft Adjustable Strap
- Hook and Loop Closure
- Double Locking Carabiner
- Color Coded by Weight Rating
- Serial Numbered ID Tag





#### D-RING WEBBINGS AND **SELF-ADHERING TAPE**

Easily Connect

48-22-8816

- High Versatility
- Strong, Secure Attachment
- Color Coded by Weight Rating





ITEM #	DESCRIPTION	
48-22-8860	12ft Self-Adhering Tape	
48-22-8870	Spc 2lb D-Ring Web Attachment	
48-22-8871	Spic Slib D-Ring Web Attachment	
48-22-8872	3Slb D-Ring Web Attachment	

#### SPLIT RINGS

- \* Easily Connect
- Jobsite Performance
- High Versatility
- Strong, Secure Attachment



ITEM #	DESCRIPTION	
48-22-8880	Spc 2lb 3/4" Split Ring	
48-22-8881	Spc 2lb 1 "SplitRing	
48-22-8882	Spc 2lb 1.5 "SplitRing	
48-22-8883	Spc 2lb 2 "SplitRing	

### ANCHOR STRAPS

- Tether More Tools, More Places
- Oversized D-Ring
- Abrasion-Resistant 840D Sleeve
- Wraps Around Beams and Rails
- Color Coded by Weight Rating
- Serial Numbered ID Tag



ITEM #	DESCRIPTION	BUY PK
48-22-8955	50LBS Anchor Strap	6

# RETRACTABLE LANYARD

- Lasting Durability, Survives More Drops
- Maintains Retraction
- Push to Lock
- Abrasive Resistant Cord
- Color Coded by Weigh Rating
- Swiveling Quick-Connect Carabiners
- ANSI 121-2018 Compliant

ITEM #	DESCRIPTION	BUY PK
48-22-8825	SLBS 90"Retractable Lanyard	6







# **HAND TOOLS**

#### PIPE WRENCHES

Mihvankee #	Description
8-22-7418	18" Aluminum Self-Adjusting Pipe Wrench
18-22-7414	14" Aluminum Self-Adjusting Pipe Wrench
8-22-7322	CHEATER™ Aluminum Adaptable Offset Pipe Wrench
8-22-7318	CHEATER™ Aluminum Adaptable Pipe Wrench
8-22-7314	CHEATER Steel Adaptable Pipe Wrench
8-22-7248	48" Aluminum Pipe Wrench
8-22-7236	36" Aluminum Pipe Wrench
8-22-7224	24" Aluminum Pipe Wrench
8-22-7218	18" Aluminum Pipe Wrench
8-22-7215	14L Aluminum Pipe Wrench with POWERLENGTH™ Handle
8-22-7214	14" Aluminum Pipe Wrench
8-22-7213	10L Aluminum Pipe Wrench with POWERLENGTH™ Handle
8-22-7212	12" Aluminum Pipe Wrench
8-22-7210	10" Aluminum Pipe Wrench
8-22-7186	12" Smooth Jaw Pipe Wrench
8-22-7185	18" Aluminum Offset Pipe Wrench
8-22-7184	14" Aluminum Offset Pipe Wrench
8-22-7182	24" Aluminum Offset Pipe Wrench
8-22-7171	Steel Offset Hex Pipe Wrench
8-22-7160	BQ" Steel Pipe Wrench
8-22-7148	48" Steel Pipe Wrench
8-22-7136	36" Steel Pipe Wrench
8-22-7124	24" Steel Pipe Wrench
8-22-7118	18" Steel Pipe Wrench
8-22-7114	14" Steel Pipe Wrench
8-22-7112	12" Steel Pipe Wrench
8-22-7110	10" Steel Pipe Wrench
8-22-7108	8" Steel Pipe Wrench
8-22-7106	6" Steel Pipe Wrench

#### WRENCHES

Milwaukee #	Description
48-22-9529	7pc Metric Flex Head Ratcheting Combination Wrench
48-22-9516	15pc Ratcheting Combination Wrench Set - Metric
48-22-9515	15pc Combination Wrench Set - Metric
48-22-9513	15pc Metric Flex Head Ratcheting Combination Wrench
48-22-9511	11 pc Metric Combination Wrench Set.
48-22-9507	7pc Combination Wrench Set - Metric
48-22-9506	7pc Ratcheting Combination Wrench Set - Metric
48-22-9471	6pc Double End Flare Nut Wrench Set - Metric
48-22-9470	Spc Double End Flare Nut Wrench Set - SAE
48-22-9429	7pc SAE Flex Head Combination Wrenches
48-22-9418	15pc Ratcheting Combination Wrench Set - SAE
48-22-9415	15pc Combination Wrench Set - SAE
48-22-9413	15pc SAE Flex Head Ratcheting Combination Wrench Set
48-22-9411	11pc SAE Combination Wrench Set
48-22-9407	7pc Combination Wrench Set - SAE
48-22-9406	7pc Ratcheting Combination Wrench Set - SAE
48-22-7508	8" Wide Jaw Adjustable Wrench
48-22-7415	15" Adjustable Wrench
48-22-7412	12" Adjustable Wranch
48-22-7410	10" Adjustable Wrench
48-22-7408	8" Adjustable Wrench
48-22-7406	6" Adjustable Wrench
48-22-7400	2 Pc. 6" & 10" Adjustable Wrench Set
48-22-7100	Faucet Swap-Out Wrench
48-22-7002	Basin Wrench - 2.5" Capacity
48-22-7001	Basin Wrench - 1.25" Capacity
45-96-9822	1" Flex Head Combination Wrench
45-96-9821	15/16" Flex Head Combination Wrench
45-96-9820	7/8" FLEX HEAD COMBINATION WRENCH
45-96-9819	13/16" Flex Head Combination Wrench
45-95-9818	3/4" Flex Head Combination Wrench
45-96-9817	11/16" Flex Head Combination Wrench
45-96-9816	5/8" Flex Head Combination Wrench
45-96-9815	9/16" Flex Head Combination Wrench
45-96-9814	1/2" Flex Head Combination Wrench
45-96-9813	7/16" Flex Head Combination Wrench
45-95-9812	3/8" Flex Head Combination Wrench

#### WRENCHES CONT.

Mihrankee 8	Description	
45-96-9811	11/32" Flex Head Combination Wrench	18
45-96-9810	5/16" Flex Head Combination Wrench	W
45-96-9809	9/32" Flex Head Combination Wrench	- 1
45-95-9808	1/4" Flex Head Combination Wrench	
45-98-9624	24MM Flex Head Ratcheting Combination Wrench	
45-95-9622	22mm Flex Head Ratcheting Combination Wrench	-//-
45-96-9621	21mm Flex Head Ratcheting Combination Wrench	16-
45-96-9620 45-98-9619	20mm Flex Head Ratcheting Combination Wrench 19mm Flex Head Ratcheting Combination Wrench	7.
45-96-9618	18mm Flex Head Ratcheting Combination Wrench	10
45-96-9617	17mm Flex Head Ratcheting Combination Wrench	-(0
45-95-9616	16mm Flex Head Batcheting Combination Wrench	
45-96-9615	15mm Flex Head Ratcheting Combination Wrench	
45-96-9614	14mm Flex Head Ratcheting Combination Wrench	
45-98-9613	13mm Flex Head Ratcheting Combination Wrench	
45-95-9612	12mm Flex Head Ratcheting Combination Wrench	
45-96-9611	11 mm Flex Head Ratcheting Combination Wrench	
45-96-9610	10mm Flex Head Ratcheting Combination Wrench	
45-96-9609	9mm Flex Head Ratcheting Combination Wrench	
45-96-9608	8mm Flex Head Ratcheting Combination Wrench	
45-96-9538	38MM Combination Wrench 32MM Combination Wrench	
45-95-9532 45-96-9530	30MM Combination Wrench	
45-96-9529	29MM Combination Wrench	
45-96-9528	28MM Combination Wrench	
45-96-9627	27 MM Combination Wrench	
45-96-9526	25MM Combination Wrench	
45-95-9525	25MM Combination Wrench	
45-98-9523	23MM Combination Wrench	
45-96-9522	22mm Metric Combination Wrench	
45-98-9521	21mm Metric Combination Wrench	
45-95-9520	20mm Metric Combination Wrench	
45-98-9519	19mm Metric Combination Wrench	
45-96-9619	18mm Metric Combination Wrench	
45-96-9517	17mm Metric Combination Wrench	
45-96-9516 45-98-9515	16mm Metric Combination Wrench 15mm Metric Combination Wrench	
45-96-9514	14mm Metric Combination Wrench	
45-98-9513	13mm Metric Combination Wrench	
45-95-9512	12mm Metric Combination Wrench	
45-96-9511	11 mm Metric Combination Wrench	
45-96-9510	10mm Metric Combination Wrench	
45-96-9509	9mm Metric Combination Wrench	
45-95-9508	8mm Metric Combination Wrench	
45-96-9507	7MM Combination Wrench	
45-95-9506	6MM Combination Wrench	
45-98-9440	1-3/8" Combination Wrench	
45-96-9438 45-98-9438	1-1/4" Combination Wrench 1-1/8" Combination Wrench	
45-96-9434	1-1/16" Combination Wrench	
45-96-9432	1" SAE Combination Wrench	
45-96-9430	15/16" SAE Combination Wrench	
45-96-9428	7/8" SAE Combination Wrench	
45-96-9426	13/16" SAE Combination Wrench	
45-98-9428	13/16" SAE Combination Wrench	
45-95-9424	3/4" SAE Combination Wrench	
45-96-9422	11/16" SAE Combination Wrench	
45-96-9420	5/8" SAE Combination Wrench	
45-96-9418	9/16" SAE Combination Wrench	
45-95-9416	1/2" SAE Combination Wrench	
45-96-9414	7/16" SAE Combination Wrench	
45-96-9412	3/8" SAE Combination Wrench	
45-96-9411	11/32" SAE Combination Wrench	
45-96-9410 45-96-9409	5/16" SAE Combination Wrench 9/32" SAE Combination Wrench	
45-96-9409	1/4" SAE Combination Wrench	
45-96-9332	32MM Ratcheling Combination Wrench	
45-96-9330	30MM Ratchebing Combination Wrench	
45-96-9327	27MM Ratcheting Combination Wrench	
45-95-9325	25MM Ratcheling Combination Wrench	

# **HAND TOOLS**

#### WRENCHES CONT.

Mithwa ukas#	Description	
45-96-9324	24 MM Ratcheting Combination Wrench	
45-96-9322	22 mm Metric Ratcheting Combination Wrench	
45-96-9321	21 mm Metric Ratcheting Combination Wrench	1
45-96-9320	20 mm Metric Ratcheting Combination Wrench	N
45-96-9319	19mm Metric Ratcheting Combination Wrench	V
45-96-9318	18mm Metric Ratcheting Combination Wrench	V
45-96-9317	17 mm Metric Batcheting Combination Wrench	7
45-96-9316	16mm Metric Ratcheting Combination Wrench	7
45-96-9315	15 mm Metric Ratcheting Combination Wrench	
45-96-9314	14mm Metric Ratcheting Combination Wrench	
45-96-9313	13mm Metric Ratcheting Combination Wrench	ī
45-96-9312	12mm Metric Ratcheting Combination Wrench	
45-96-9311	11 mm Metric Ratcheting Combination Wrench	
45-96-9310	10 mm Metric Ratcheting Combination Wrench	ī
45-96-9309	9mm Metric Ratcheting Combination Wrench	Ī
45-96-9308	8mm Metric Ratcheting Combination Wrench	ī
45-96-9307	7MM Ratcheting Combination Wiench	
45-96-9306	6MM Ratcheting Combination Wiench	
45-96-9238	1-1/4" Ratcheting Combination Wrench	
45-96-9236	1-1/8" Ratcheting Combination Wrench	
45-96-9234	1-1/16" Ratcheting Combination Wrench	Т
45-96-9232	1" SAE Ratcheting Combo Wrench	T
45-96-9230	15/16" SAE Ratcheting Combo Wrench	T
45-96-9228	7/8" SAE Ratcheting Combo Wrench	ī
45-96-9226	13/16" SAE Ratcheting Combo Wrench	
45-96-9224	3/4" SAE Ratcheting Combo Wrench	_
45-96-9222	11/16" SAE Ratcheting Combo Wrench	
45-96-9220	5/8" SAE Ratcheting Combo Wrench	
45-96-9218	9/16" SAE Ratcheting Combo Wrench	ī
45-96-9216	1/2" SAE Ratcheting Combo Wrench	
45-96-9214	7/16" SAE Ratcheting Combo Wrench	
45-96-9212	3/8" SAE Ratcheting Combo Wrench	7
45-96-9211	11/32" SAE Ratcheting Combo Wrench	
45-96-9210	5/16" SAE Ratcheting Combo Wrench	
45-96-9209	9/32" SAE Ratcheting Combo Wrench	
45-96-9208	1/4" SAE Ratcheting Combo Wrench	7
45-96-8355	19 mm X 21 mm Double End Flare Nut Wrench	_
45-96-8354	16 mm X 18 mm Double End Flare Nut Wrench	Г
45-96-8353	15mm X 17 mm Double End Flare Nut Wrench	r
45-96-8352	13mm X 14mm Bouble End Flare Nut Wrench	ij.
45-96-8351	10mm X 12mm Double End Flare Nut Wiench	N
45-96-8350	9mm X 11 mm Double End Flare Nut Wrench	
45-96-8304	3/4" X 7/8" Double End Flare Nut Wrench	1
45-96-8303	5/8" X 11/16" Double End Flare Nut Wiench	7
45-96-8302	1/2" X 9/1.6" Double End Flare Nut Wrench	1
45-96-8301	3/8" X 7/1 6" Double End Flare Nut Wrench	-
45-96-8300	1/4" X 5/1 6" Double End Flare Nut Wrench	-

#### RATCHETS & SOCKETS

Mihwa ukaa#	Description	Milanukez
48-22-9543	11 pc 3/8" Drive Hex Bit Socket Set - Metric	
48-22-9542	8pc 3/8" Drive Hex Bit Socket Set - SAE	-
48-22-9541	6pc 1/4" Drive Hex Bit Socket Set - Metric	1000 111
48-22-9540	10 pc 1/4" Drive Hex Bit Socket Set - SAE	Continue of the last
48-22-9532	13pc1/4" and 3/8" Drive TORX® Bit Socket Set	114
48-22-9531	10 pc 3/8" Drive TORX® Bit Socket Set	
48-22-9530	6pc 1/4" Drive TORX® Bit Socket Set	
48-22-9510	28pc 1/2" Drive Metric Ratchet and Socket Set with FOUR FLAT Sides	
48-22-9508	3/8" Drive 32pc Ratchet & Socket Set - Metric	
48-22-9505	10 pc: 3/8" Metric Deep Well Sockets with FOUR FLAT™ Sides	
48-22-9504	1/4" Drive 28pc Ratchet & Socket Set - Metric	
48-22-9503	10 pc 3/8" Metric Sockets with FOUR FLAT™ Sides	
48-22-9487T	47 pc 1/2" Drive SAE & Metric Ratchet & Socket Set PACKOUT™ Trays	
48-22-9487	47 pc 1/2" Drive Ratchet & Socket Set with PACKOUT™ Organizer	
48-22-9486T	106pc, 1/4" & 3/8" Drive Ratchet and Socket Trays - SAE & Metric	
48-22-9486	106pc 174" and 378" Metric & SAE Ratchet & Socket Set w/ PACKOUT	
48-22-9482T	32 pc 3/8" Drive Metric Ratchet and Socket Tray	
48-22-9482	32 pc 3/8" Metric Ratchet and Socket Set with PACKOUT Organizer	
48-22-9481T	28 pc 3/8" Drive SAE Ratchet and Socket Tray	

#### RATCHETS & SOCKETS CONT.

Mithwalukiaa #	Dascription	
48-22-9481	3/8" Drive 28pc Ratchet & Socket Set with PACKOUT Organizer - SAE	
48-22-9410	22 pc 1/2" Drive SAE Ratchet and Socket Set with FOUR FLAT™ Sides	
48-22-9408	3/8" Drive 28pc Ratchet & Socket Set- SAE	
48-22-9405	10pc 3/8" SAE Deep Well Sockets with FOUR FLATTM Sides	
48-22-9404	1/4" Drive 26 pc Ratchet & Socket Set - SAE	
48-22-9403	1 Opc 3/8" SAE Sockets with FOUR FLAT™ Sides	
48-22-9352	3 pc 1/2" Drive Wobble Extension Set	
48-22-9351	4 pc 3/8" Drive Wobble Extension Set	
48-22-9350	4 pc 1/4" Drive Wobble Extension Set	
48-22-9342	4 pc 1/2" Drive Extension Set	
48-22-9341	4 pc 3/8" Drive Extension Set	
48-22-9340	4 pc 1/4" Drive Extension Set	
48-22-9088	29pc 3/8" Drive Metric & SAE Ratchet and Socket Set	
48-22-9052	1/2" Drive 18" Flex Head Ratchet	
48-22-9051	1/2" Drive 11" Flex Head Ratchet	
48-22-9050	1/2" Drive 18" Ratchet	
48-22-9044	25pc 174" Drive Metric & SAE Ratchet and Socket Set	
48-22-9041	3/8" Drive 12" Flex Head Ratchet	
48-22-9039	3/8" Drive 9" Flex Head Ratchet	
48-22-9038	3/8" Drive Ratchet	
48-22-9037	3/8" Drive 12" Ratchet	
48-22-9036	3/8" Drive 5" Ratchet	
48-22-9014	1/4" Drive Ratchet	
48-22-9013	1/2" Drive 24" Breaker Bar	
48-22-9012	1/2" Drive Ratchet	
48-22-9011	1/2" Drive 15" Breaker Bar	
48-22-9010	47 pc 1 /2" Drive Metric & SAE Ratchet and Socket Set	
48-22-9009	1/4" Drive 9" Flex Head Ratchet	
48-22-9008	3/8" Drive 56 pc Ratchet & Socket Set - SAE & Metric	
48-22-9007	1/4" Drive 6" Flex Head Ratchet	
48-22-9005	1/4" Drive 9" Ratchet	
48-22-9004	1/4" Drive 50 pc Ratchet & Socket Set - SAE & Metric	
48-22-9003	1/4" Drive 3" Ratchet	
48-22-9001	12pc 3/8" Drive Metric Socket Set	
48-22-9000	12pc 3/8" Drive SAE Socket Set	
45-35-5000	3/8" Drive 1/2" SAE Deep Socket with FOUR FLAT Sides	

#### PLIERS

Milhva ukas #	Description
MT507	7" Diagonal Dipped Grip Cutting Pliers (USA)
MT557	7" Diagonal Comfort Grip Cutting Pliers (USA)
MT506	6" Diagonal Dipped Grip Cutting Pliers (USA)
MT556	6" Diagonal Comfort Grip Cutting Pliers (USA)
MT508	8" Diagonal Dipped Grip Cutting Pliers (USA)
MT558	8" Diagonal Comfort Grip Cutting Pliers (USA)
MT500	9" Lineman's Dipped Grip Pliers (USA)
MT980	9" Lineman's Comfort Grip Pliers (USA)
48-22-6502	High-Leverage Lineman's Pliers
48-22-6501	Long Nose Pliers
MT505	8" Long Nose Dipped Grip Pliers (USA)
MTS85	8" Long Nose Comfort Grip Pliers (USA)
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	6" & 10" Comfort Grip Straight Jaw Pliers Set
48-22-6510	10" Straight Jaw Pliers
48-22-6512	12" Straight Jaw Pliers
48-22-6550	10" Smooth Jaw Pliers
48-22-6552	12" Smooth Jaw Pliers
48-22-6208	8" Comfort Grip Hex-Jaw Pliers
48-22-6210	1.0" Comfort Grip Hex-Jaw Pliers
48-22-6212	12" Comfort Grip Hex-Jaw Pilers
48-22-3079	Comfort Grip 6 int Pliers
48-22-6109	7-1/8" Wire Stripper/ Cutter for Solid & Stranded Wire

# **HAND TOOLS**

#### LOCKING PLIERS

Milwaukee#	Description	
48-22-3422	5" TORQUE LOCK™ Curved Jaw Locking Pliers	
48-22-3421	7" TORQUE LOCK™ Curved Jaw Locking Pliers	
48-22-3807	7" TORQUE LOCK™ Curved Jaw Locking Pliers with MAXBITE™	
48-22-3610	10" TORQUE LOCK™ Curved Jaw Locking Pliers with MAXBITE™	
48-22-3507	7" TORQUE LOCK™ Straight Jaw Locking Pliers	
48-22-3510	10" TORQUE LOCK™ Straight Jaw Locking Pliers	
48-22-3506	6" TORQUE LOCK™ Long Nose Locking Pliers	
48-22-3509	9" TORQUE LOCK™ Long Nose Locking Pliers	
48-22-3531	11." TORQUE LOCK™ Locking C-Clamp Regular Jaws	
48-22-3532	6" TORQUE LOCK™ Locking C-Glamp Regular Jaws	

#### SCREWDRIVERS

Milwaukee#	Description	1
MT200-4	4PC Cushion Grip Screwdriver Set (USA)	
MT200-6	6PC Cushion Grip Screwdriver Set (USA)	1
MT205	#2 Phillips 6" Cushion Grip Demolition Screwdriver (USA)	1
MT206	1/4" Slotted 4" Cushion Grip Screwdriver (USA)	1
MT208	5/46" Slotted 6" Cushion Grip Demolition Screwdriver (USA)	
MT210	3/8" Slotted 8" Cushion Grip Demolition Screwdriver (USA)	
MT211	3/16" Cabinet 3" Cushion Grip Screwdriver (USA)	
MT213	3/16" Cabinet 8" Cushion Grip Screwdriver (USA)	-
MT214	1/4" Cabinet 10" Cushion Grip Screwdriver (USA)	
MT217	#1 Square 3" Cushion Grip Screwdriver (USA)	
MT219	#3 Square 6" Cushion Grip Screwdriver (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)	
MT207	5/16" Slotted 6" Cushion Grip Screwdriver (USA)	
MT209	3/8" Slotted 8" Cushion Grip Screwdriver (USA)	
MT212	3/16" Cabinet 6" Cushion Grip Screwdriver (USA)	
MT218	#2 Square 4" Cushlon Grip Screwdriver (USA)	

#### HAMMERS

Milwaukee#	Description	
48-22-9023	22oz Smooth Face Framing Hammer	
48-22-9150	28oz Dead Blow Hammer	
48-22-9151	48oz Dead Blow Hammer	
48-22-9310	3lb Fiberglass Orilling Hammer	
48-22-9311	2lb Fiberglass Drilling Hammer	
48-22-9519	19oz Smooth Face Hickory Handle Framing Hammer	
48-22-9316	19oz Smooth Face Poly/Fiberglass Handle Hammer	

#### UTILITY KNIVES

Milwaukee#	Description	
48-22-1500	FASTBACK™ Compact Folding Utility Knife	
48-22-1501	FASTBACK™ Folding Utility Knife	
48-22-1502	FASTBACK <sup>TM</sup> Folding Utility Knife with Blade Storage	
48-22-1503	FASTBACK™ Folding Utility Knife Set	
48-22-1901	FASTBACK™ Compact Folding Utility Knife	
48-22-1505	FASTBACK™ 6IN1 Folding Utility Knife	

#### POCKET KNIVES

Milwaukee#	Description	
48-22-1525	FASTBACK™ Hawkbill Folding Knife	
48-22-1530	FASTBACK™ Spring Assisted Folding Knife	-
48-22-1540	FASTBACK™ 5 inf. Folding Knife	-
48-22-1526	FASTBACK™ Blunt Tip Hawkbill Folding Knife	
48-22-1994	3" HARDLINE™ Smooth Blade Pocket Knife	-
48-22-1998	3" HARDLINE™ Serrated Blade Pocket Knife	

#### WIDE BLADE TAPE MEASURES

Milwaukee#	Description	farmanke)
48-22-1240	40' Wide Blade Tape Méasure	25"
48-22-1235	35' Wide Blade Tape Measure	April ALLE
48-22-1230	30' Wide Blade Tape Measure	Section 1
48-22-1225M	25' Wide Blade Magnetic Tape Measure	
48-22-1225	25' Wide Blade Tape Measure	-
48-22-1216M	16' Wide Blade Magnetic Tape Measure	

#### LONG TAPES

Mihwa ukaa#	Description	
48-22-5101	10.0ft Closed Reel Long Tape	
48-22-5201	100FT Steel Open Reel Long Tape	
48-22-5230	30.0Ft Open Reel Long Tape	A STATE OF THE PARTY OF THE PAR
48-22-5301	100ft Fiberglass Open Reel Long Tape Measure	
48-22-5302	200ft Fiberglass Open Reel Long Tape Measure	
48-22-5303	30.0ff Fiberglass Open Reel Long Tape Measure	

#### **MEASURING WHEELS**

Mihwa ukaa#	Description	
48-22-5006	6" Measuring Wheel	Ad
48-22-5112	12" Digital Measuring Wheel	M /

#### LEVELS

Mihwa ukae#	Description	
MLDIG24	24" REDSTICK™ Digital Level w/ PINPOINT™ Measurement Technology	
MLDIG48	48" REDSTICK™ Digital Level w/ PINPOINT™ Measurement Technology	
MUBM48	48" Magnetic FBeam Level	
MUBM78	78" Magnetic FBeam Level	
MLCON48	48" REDSTICK™ Concrete Level	
48-22-5107	Billet Torpedo Level	

#### INKZALL" MARKERS

NKZALL™ Orange Liquid Paint Marker  NKZALL™ Blue Liquid Paint Marker  NKZALL™ Green Liquid Paint Marker  NKZALL™ Red Liquid Paint Marker  NKZALL™ Black Liquid Paint Marker  NKZALL™ Yellow Liquid Paint Marker  NKZALL™ Yellow Liquid Paint Marker  NKZALL™ Yellow Liquid Paint Marker  NKZALL™ White Liquid Paint Marker
NKZALL™ Green Liquid Paint Marker  NKZALL™ Red Liquid Paint Marker  NKZALL™ Black Liquid Paint Marker  NKZALL™ Yellow Liquid Paint Marker  NKZALL™ Yellow Liquid Paint Marker  NKZALL™ White Liquid Paint Marker  NKZALL (12) Extra Large Chisel Tip Blue Marker
NKZALL™ Red Liquid Paint Marker NKZALL™ Black Liquid Paint Marker NKZALL™ Yellow Liquid Paint Marker NKZALL™ Yellow Liquid Paint Marker NKZALL™ White Liquid Paint Marker NKZALL™ White Liquid Paint Marker NKZALL™ White Liquid Paint Marker NKZALL(12) Extra Large Chisel Tip Blue Marker NKZALL(12) Extra Large Chisel Tip Red Marker
NKZALL™ Black Liquid Paint Marker NKZALL™ Yellow Liquid Paint Marker NKZALL™ Yellow Liquid Paint Marker NKZALL™ White Liquid Paint Marker NKZALL™ White Liquid Paint Marker NKZALL(12) Extra Large Chisel Tip Blue Marker NKZALL(12) Extra Large Chisel Tip Red Marker
NKZALL™ Yellow Liquid Paint Marker NKZALL™ Yellow Liquid Paint Marker NKZALL™ White Liquid Paint Marker NKZALL™ White Liquid Paint Marker NKZALL(12) Extra Large Chisel Tip Blue Marker NKZALL(12) Extra Large Chisel Tip Red Marker
NKZALL™ Yellow Liquid Paint Marker NKZALL™ White Liquid Paint Marker NKZALL™ White Liquid Paint Marker NKZALL (12) Extra Large Chisel Tip Blue Marker NKZALL (12) Extra Large Chisel Tip Red Marker
NKZALL™ White Liquid Paint Marker NKZALL™ White Liquid Paint Marker NKZALL (12) Extra Large Chisel Tip Blue Marker NKZALL (12) Extra Large Chisel Tip Red Marker
NKZALL™ White Liquid Paint Marker NKZALL (12) Extra Large Chisel Tip Blue Marker NKZALL (12) Extra Large Chisel Tip Red Marker
NKZALL (12) Extra Large Chisel Tip Blue Marker NKZALL (12) Extra Large Chisel Tip Red Marker
NKZALL (12), Extra Large Chisel Tip Red Marker
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NKZALL (12) Extra Large Chisel Tip Black Marker
NKZALL Extra Large Chisel Tip Black Marker
NKZALL(12) Large Chisel Tip Blue Marker
NKZALL(12) Large ChiselTip Red Marker
NKZALL (12) Large Chisel Tip Black Marker
NKZALL 3PC Large Chisel Tip Black Marker
NKZALL 12PC Fine Point Black Marker
NKZALL™ Green Fine Point Maker
NKZALL™ Blue Fine Point Marker
NKZALL™ Red Fine Point Marker
PK IN KZALL™ Black Ultra Fine Point Pen
2PK INKZALL™ Black Ultra Fine Point Pen
2PK INKZALL™ Black Ultra Fine Point Marker
NKZALL™ Black Chisel Tip Marker
PK IN KZALL <sup>™</sup> Silver/Gold Metallic Fine Point Marker
PK IN KZALL <sup>TM</sup> Color Fine Point Marker
PK IN KZALL™ Black Fine Point Marker
PK IN KZALL™ Black Fine Point Marker
NKZALL™ Black Chisel Tip Marker
PK IN KZALL™ Black Medium Point Marker
80 Pk Fine Pt Inkzall Mkr Blk

#### STORAGE SOLUTIONS

Mihwa ukise#	Description
48-22-8271	Utility Bucket Bag
48-22-8270	Utility Bucket Bagw/ Pockets
48-22-8276	Aerial Oval Bag
48-22-8275	Underground Oval Bag





# Empire EMPIRE GAS UTILITY MARKING & LAYOUT SOLUTIONS

#### MAGNATEO® PREMIUM DETECTABLE TAPE



- Environmentally Sale
- Lead Free
- Maximum Strength
- Permanent Messaginu
- Wear Resistant
- Detectable by Conductive and Inductive Methods



#### Custom Text Available

To order custom tape please contact customer service at sales@empirelevel.com

#### BARRIOADE TAPE

71-1001	3" x1,000" Yellow "Caution" Tape	
71-1004	3" x1,000" Red "Danger" Tape	
76-0600	3" x500" Reinforced Yellow "Caution/Cuidado" Tape	
76-0804	3" x500" Reinforced Red "Danger/Peligro" Tape	

#### FLAGGING TAPE 77-001 200" x 1" Lime Flagging Tape 77-065 600' x 1' Blue Flagging Tape 77-066 600" x 1" White Flagging Tape

#### STAKE FLAGS

78-001	100 Pc 2.51 x 3.51 Blue Stake Rag with 211 Wire Stem	
78-008	100 Pc 2.5" x 3.5" Green Stake Rags with 21" Wire Stern	

MAGNATEC®

#### **Feature** Method (AT falue (English Value (SI) Overall Thickness D-2103 5.0 mil (Nominal) 0.125 mm (Nominal) D-2103 Foil Thickness 35 mil 8,89 microns D-2103 27.5 bs/ 1,000 fts 13.4kg / 100 m² Weight Tensile Strength D-882 Length: 7,661 psi Length: 52.8 Mpa Length: 89% Bongation D-882 Length: 89% > 40 dynes Rintability D-2578 Plastic Durability D-792-08 1.119g/cc

"Caution Gas Line Below"	
Sizes Available	Model Number
2" x 1,000"	31-140
3' x1,000'	31-141
6' x 1,000'	31-143

DTEC® Н HS

Feature	Method (ATSM)	Value (English)	Value (SI)
Overall Thickness	D-2103	4.0 mil (Nominal)	0.1 mm (Nominal)
Weight	D-2103	17.04 bs/ 1,000 ft²	8.32 kg / 100 m²
Tensile Strength	D-882	Length: 2,566 psi	Length: 17.7 Mpa
Bongation	D-882	Length: 492%	Length: 492%
Printability	D-2578	1.0	> 40 dynes
Plastic Durability	D-792-08	1	.961 g/cc

"Caution Cas Line Buried Belo	mr"	
Sizes Available	Model Number	
3' x 1,000'	22-211	
6' x 1,000'	22-214	

THORTEC®

MAGNATEC®

2" x 1,000"

Feature	Method (ATSM)	Value (English)	Value (SI)
Overall Thickness	0-2103	7.0 mil (Nominal)	0.175 mm (Nominal)
Foil Thickness	D-2103	35 mil	8.89 microns
Weight	D-2103	3421 bs/1,000 ft <sup>a</sup>	16.70 kg / 100 m²
Tensile Strength	D-882	Length: 12,000 psi	Length: 82,74 Mpa
Bongation	D-882	Length: 24%	Length:24%
R intability	D-2578		> 40 dynes
Plastic Durability	D-792-08		1.055 q/cc

"Caution Gas Line Below"	
Sizes Available	Model Number
2" x 1,000"	38-027

	Value (English)	Value (SI)
D-2103	5.0 mil (Nominal)	0.125 mm (Nominal)
D-2103	35 mil	8.89 microns
D-2103	27.5 bs / 1,000 ft <sup>2</sup>	13.4kg / 100 m²
D-882	Length: 7,661 psi	Length: 52.8 Mpa
D-882	Length: 89%	Length: 89%
D-2578		> 40 dynes
D-792-08		1.119g/cc
	D-2103 D-2103 D-882 D-882 D-2578	D-2103 35 mil D-2103 27.5 bs/1,000 ft <sup>2</sup> D-882 Length: 7,651 psi D-882 Length: 89% D-2578

31.087

DURATEC®

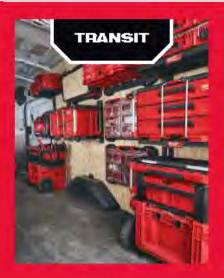
Feature	Method (ATSM)	Value (English)	Value (St)
Overall Thickness	D-2103	7.0 mil (Nominal)	0.175 mm(Nominal)
Weight	D-2103	22.46 bs/ 1,000 ft²	10.97 kg / 100 m²
Tensile Strength	D-882	Length: 10,620 psi	Length: 73.22 Mpa
Bongation	D-882	Length:38%	Length:38%
Printability	D-2578		> 40 dynes
Plastic Durability	D-792-08		.692 g/cc

"Caution Cas Line Buried Below"	2000000	
Sizes Available	Model Number	
3' x 1,000'	71-070	

# PACKOUT

VERSATILE DURABLE MODULAR STORAGE SYSTEM













BUILD YOUR SYSTEM







#### PACKOUT™ MODULAR STORAGE SYSTEM



PACKOUT™ Rolling Tool Box



**48-22-8415** PACKOUT\*\*2-Wheel Cart



48-22-8428 PACKOUT™ Rolling Tool Chest







48-22-8425 PACKOUT™ Large Tool Box



**48-22-8424** PACKOUT™ Tool Box



48-22-8450 PACKOUT™ Tool Case w/ Customizable Insert



48-22-8445 PACKOUT\*\* Cabinet



**48-22-8442** PACKOUT™ 2-Drawer Tool Box



48-22-8443 PACKOUT™ 3-Drawer Tool Box



48-22-8447 PACKOUT™ Multi-Depth 3-DrawerTcol Box



**48-22-8444** PACKOUT™ 4-DrawerTool Box



48-22-8422 PACKOUT™ Compact Tool Box



48-22-8045 PACKOUT™ Tool Tray



**48-22-8432** PACKOUT™ Deep Organizer



**48-22-8430** PACKOUT™ Organizer



**48-22-8435** PACKOUT™ Compact Organizer

#### PACKOUT™ MODULAR STORAGE SYSTEM CONT'D



48-22-8431 PACKOUT™ Low-Profile Organizer



48-22-8436 PACKOUT™ Low-Profile Compact Organizer



48-22-8311 PACKOUT™ 10" Structured Tole



48-22-8315 PACKOUT\*\* 15" Tote



48-22-8320 PACKOUT" 20" Tote



48-22-8316 PACKOUT™ 15" Structured Tool Bag



**48-22-8321** PACKOUT™ 15" Tool Bag



**48-22-8322** PACKOUT™20" Tool Bag



**48-22-8301** PACKOUT™ Backpack



48-22-8302 PACKOUT\* Cooler



48-22-8460 PACKOUT™ 16or Compact Cooler



**48-22-8462** PACKOUT™ 40ar XL Cooler



48-22-8392R PACKOUT™20∞ Tumbler



48-22-8393R PACKOUT™ 30∞ Tumbler



48-22-8488
PACKOUT\* Customizable
Work Top



48-22-8486 PACKOUT™ Compact Wall Plate



48-22-8487 PACKOUT\* Large Wall Plate



48-22-8480 PACKOUT\* Racking Kit



48-22-8481 PACKOUT™ Racking Shelf



48-22-8485 PACKOUT™ Mounting Plate



48-22-8342 PACKOUT™ Compact Wall Basket



48-22-8344 PACKOUT™ Belt Clip Rack



**48-22-8346** PACKOUT™ Magnetic Rack



48-22-8070 PACKOUT™ Magnetic Bin



48-22-8071 PACKOUT™ Large Magnetic Bin



48-22-8328 PACKOUT™ 4" Single Straight Hook



**48-22-8329** PACKOUT™ 7-Hook Rack



48-22-8348 PACKOUT™ Long Handle Tool Holder



48-22-8349 PACKOUT\* Long Handle Tool Rack



**48-22-8340** PACKOUT™ Tool Rack



48-59-1809 M18™ PACKOUT™ Six Bay Rapid Charger



0970-20 PACKOUT™ 25 Gal Wet/Dry Vacuum



2357-20 MH8\*\* PACKOUT\*\* Light/Charger



2356-20 M18™ PACKOUT™ Flood Light w/ USB Charger



2950-20 M18" PACKOUT" Radio + Charger



# FOR THE TOUGHEST CAST REMOVALS.



CUTS
THROUGH
CAST IRON
STAINLESS
BORON
ANGLE IRON
BLACK PIPE
AND MORE

#### THE TORCH" w/ NITRUS CARBIDE" SAWZALL® BLADES FOR CAST IRON

181	langin	Makerial	1 Paok	J Paok	5 Paok
8	6"	4100	48-00-5261	48-00-5361	48-00-5561
8	9"	- 18 B	48-00-5262	48-00-5362	48-00-5562
8	12"	4884	48-00-5263	48-00-5363	48-00-5563



#### THE TORCH" W/ CARBIDE TEETH SAWZALL® BLADES FOR THICK METALS

1PI	Length	Malorial	1 Pack	3 Pack	5 Firek	25 Park
8	6"	40 FB36	48-00-5201	48-00-5301	48-00-5501	48-00-8501
8	9"	SOUND	48-00-5202	48-00-5302	48-00-5502	48-00-8502
8	12"	4 DENIES	48-00-5203	48-00-5303	48-00-5503	-



#### THE TORCH" BI-METAL SAWZALL® BLADES

TPI	Length	Material	5 Pack	25 Pack	Bulk 10	Bulk 25	Bulk 199
10	6-	44	48-00-5712	48-00-8712	-	48-01-2712	48-01-7712
10	9"	44	48-00-5713	48-00-8713	48-01-2703	48-01-2713	48-01-7713
10	12"	99	48-00-5714	-	-	48-01-2714	-
14	6"	43	48-00-5782	48-00-8782	48-01-2762	48-01-2782	48-01:7782
14	9"	43	48-00-5787	48-00-8787	48-01-2767	48-01-2787	48-01-7787
14	12"	43	48-00-5794	-	3.1	48-01-2794	-
18	6 <sup>m</sup>	20	48-00-5784	48-00-8784	48-01-2764	48-01-2784	48-01-7784
18	9"	45	48-00-5788	48-00-8788	48-01-2788	48-01-2788	48-01:7788
18	12"	45	48-00-5789	48-00-8789	48-01-2769	48-01-2789	48-01-7789



#### THE AX" W/ CARBIDE TEETH SAWZALL® BLADES FOR NAIL EMBEDDED WOOD

TPI	Length	Material	† Pack	3 Pack	5 Pack	25 Pack
5	6"	110-1	48-00-5221	48-00-5321	48-00-5521	
5	9"	100-1	48-00-5226	48-00-5326	48-00-5526	48-00-8526
5	12"	* * * * * * * * * * * * * * * * * * *	48-00-5227	48-00-5327	48-00-5527	~



#### THE AX" BI-METAL SAWZALL® BLADES

TPI	Length	Material	5 Pack	25 Pack	Balk tü	Bulk. 25	Bulk (00
5	6"	-	48-00-5021	48-00-8021	48-01-2001	48-01-2021	48-01:7021
5	9"	U-	48-00-5026	48-00-8026	48-01-2006	48-01-2026	48-01-7026
5	12"	10	48-00-5027	48-00-8027	48-01-2007	48-01-2027	48-01-7027





# FASTEST CUTTING. MAXIMUM RUN-TIME.



PAIRS WITH



EQUIPMENT REDEFINED TRADE FOCUSED SYSTEM WIDE



#### SEGMENTED DIAMOND BLADES





FASTEST CUTTING. MAXIMUM RUN-TIME.





FASTER CUTTING. FEWER BLADE CHANGES.





UP TO 5X LONGER LIFE. ULTIMATE CONTROL.



FAST CUTTING IN MASONRY

#### DIAMOND ULTRA\* SEGMENTED TURBO GENERAL PURPOSE

Size	Arteor	Parl No.	ToiU⊗
14"	1* - 20mm	49-93-7540	46 %
12*	1'-20mm	49-93-7535	九林
9,	7/8* - 5/8*	49-93-7532	4.4
7*	DM 7/8* - 5/8*	49-93-7529	10
5*	7/8* - 20mm - 5/8*	49-93-7526	
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	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
9*	7/8* - 5/8*	49-93-7125	1.00

#### DIAMOND MAX\* SEGMENTED TURBO GENERAL PURPOSE

Size	Arbor	Part No.	ToolUse
16*	1* = 20mm	49-93-9016	132 84
14"	1*-20mm	49-93-9014	-
12"	1'-20mm	49-93-9012	10. 00
10*	7/8* - 5/8*	49-93-9010	25
9.	7/8* - 5/8*	49-93-9009	6.5
7"	DM 7/8* - 5/8*	49-93-9007	120
6*	7/8* - 20mm - 5/8*	49-93-9006	14.
4-1/2*	7/8* - 20mm - 5/8*	49-93-9004	

#### SEGMENTED MASONRY & CONCRETE

Size	Arbor	Part No.	Tool Use	
14'	1° - 20mm	49-93-9314	# 1	
12*	1* - 20mm	49-93-9312	p 4	
7*	DM 7/8* - 5/8*	49-93-9307	14	
4-1/2"	7/8* - 20mm - 5/8*	49-93-9304	174	
4*	7/8* - 20mm - 5/8*	49-93-9302		

#### **TURBO DIAMOND BLADES**





POWER TO CUT HARD AGGREGATE

#### DIAMOND MAX" TURBO GENERAL PURPOSE

Size	Arbor	Part No.	Tool Use
10*	7/8* - 5/8*	49-93-9110	1
9,	7/8* - 5/8*	49-93-9109	14
7*	DM 7/8* - 5/8*	49-93-9107	
6*	7/8* - 5/8*	49-93-9106	120
5'	7/8* - 20mm - 5/8*	49-93-9106	
4-1/2*	7/8* - 20mm - 5/8*	49-93-9104	

#### TURBO DIAMOND BLADES CONT'D



LESS CHIPPING. INCREASED CONTROL.

#### TURBO MASONRY & CONCRETE

Size	Arbar	Partillo.	Tool Ose
7*	DM7/8*-5/8*	49-93-9407	14
4-1/2*	7/8* - 20mm - 5/8*	49-93-9404	
4*	7/8* - 20mm - 5/8*	49-93-9402	•

#### CONTINUOUS DIAMOND BLADES





ULTIMATE PRECISION IN PORCELAIN





Part No.

麦

49-93-9210

DIAMOND MAX\* CONTINUOUS TILE

5/8"

#### CONTINUOUS TILE

Size	Arbor	Part No.	Tooliise
7*	DM 7/8" - 5/8"	49-93-9607	~年大
4-1/2"	7/8* - 20mm - 5/8*	49-93-9604	
4	7/8* - 20mm - 5/8*	49-93-9602	



PRECISE TILE CUTTING

#### APPLICATION SPECIFIC DIAMOND BLADES



THE MOST **VERSATILE BLADE** 

#### MULTI-MATERIAL

Size	Arbor	Pari Wo.	Toollise
14*	1' - 20mm	49-93-9614	- B
9*	7/8* - 5/8*	49-93-9609	N. 40
7*	7/8* - 5/8*	49-93-9607	14
5*	7/8* - 20mm - 5/8*	49-93-9605	
4-1/2"	7/8* - 20mm - 5/8*	49-93-9604	3.30





MAXIMUM MORTAR REMOVAL

#### DIAMOND MAX\*TUCK POINT

Size	Arbor	Part No.	Toollise
5*	7/8* - 20mm - 5/8*	49-93-7406	10
4-1/2*	7/8* - 20mm - 5/8*	49-93-7406	



REDUCED PINCHING. LONG LIFE.

#### DUCTILE IRON SEGMENTED

Size	Arbor	Part No.	Tool Use
14*	1* - 20mm	49-93-7340	

#### APPLICATION SPECIFIC DIAMOND BLADES CONT'D



#### DURABILITY IN FULL DEPTH AS PHALT CUTS

#### ASPHALT & GREEN CONCRETE SEGMENTED

Size	Arbor	Part No.	Tool Use
16*	1* - 20mm	49-93-7245	- 5
14'	1' - 20mm	49-93-7240	In the



UP TO 70 MORE FEET CUT PER CHARGE

#### GREEN CONCRETE

Size	Paril No.	Tool Use
6*	49-98-7261	
6*	49-93-7282	
6*	49-93-7283	1
6*	49-93-7284	1.7
6*	49-93-7285	

Product	Part No.
Skid Plate	49-93-7260
Joint Protectors	49-93-7268



STEEL HEAD"

UP TO 75X LONGER LIFE VS BONDED ABRASIVES

#### STEELHEAD\* METAL

Size	Arbor	Part No.	Too! Use
14'	1*-20mm	49-93-7840	- N
12*	1* - 20mm	49-93-7835	1 TE
7.	DM 7/8* - 5/8*	49-93-7820	14
6*	7/8* - 5/8*	49-93-7815	
6*	7/8* - 5/8*	49-93-7810	
4.5*	7/8* - 5/8*	49-93-7805	
4"	7/8* - 5/8*	49-93-7800	

#### **CUP WHEELS**





UP TO 2X FASTER MATERIAL REMOVAL

#### DIAMOND MAX\*TURBO

Size	Arbor	Parl No.	Tool Use
7*	5/8*-11	49-93-7796	ا رها
7*	5/8*-11	49-93-7795	
6*	5/8*-11	49-93-7790	
4-1/2*	5/8*-11	49-93-7784	-
4"	5/8*-11	49-93-7780	





UP TO 2X FASTER MATERIAL REMOVAL

#### DIAMOND MAX" DOUBLE ROW

Size	Arteor	Parl No.	Tool Use
5*	5/8*-11	49-93-7760	5.5
4-1/2*	5/8*-11	49-93-7754	1
4'	5/8*-11	49-93-7750	



FAST MATERIAL REMOVAL

#### SINGLE ROW

Tool Use	Parl No.	Arbor	Size
- 2	49-93-7704	5/8*-11	4-1/2*
	49-93-7700	5/8*-11	4'



# FASTEST DRILLING. MAXIMUM RUN-TIME.







# 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
P	5/81-11	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,	1-1/41-7	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 ULTRA

#### DIAMOND ULTRA" DRY CORE BITS

- 13" Drilling Depth
- Fastest Drilling.
   Maximum Run Time.

Size	Thread	Part No.	
1-1/4*	1-1/4*-7	48-17-0112	
2*	1-1/4*-7	48-17-0120 48-17-0126	
2-1/2"	1-1/4*-7		
3*	1-1/4*-7	48-17-0130	

Size	Thread	Part No.
3-1/2"	1-1/4*-7	48-17-0135
4' 5'	1-1/4*-7	48-17-0140
	1-1/4*-7	48-17-0150
6'	1-1/4*-7	48-17-0160



# PREMIUM WET

- Long life in cured concrete with hard aggregate and medium steel reinforcement
- 15" Drilling Depth

Stre	Thread	Part No.	
3/4*	5/81-11	48-17-3007	
7/8*	5/8*-11	48-17-3009	
1	5/8*-11	48-17-3010	
1-1/4*	5/8*-11	48-17-3012	
1-1/2"	5/8*-11	11 48-17-3019	
2*	1-1/4*-7	48-17-3020	
2-1/2"	1-1/4*-7	48-17-3029	
2-3/4"	1-1/4*-7	48-17-3027	
3*	1-1/4*-7	48-17-3030	
3-1/2*	1-1/4*-7	48-17-3035	
4*	1-1/4*-7	48-17-3040	

Size	Timesact	Part No.
4-1/4"	1-1/4*-7	48-17-3042
4-1/2"	1-14*-7	48-17-3045
5"	1-1/4*-7	48-17-3060
6'	1-1/4*-7	48-17-3060
6-1/4"	1-1/4*-7	48-17-3062
7*	1-1/4*-7	48-17-3070
81	1-1/4*-7	48-17-3080
g,	1-1/4*-7	48-17-3090
10*	1-1/4*-7	48-17-3100
12*	1-1/4*-7	48-17-3120
14"	1-1/4*-7	48-17-3140



#### WET CORE BITS

- Fast drilling in cured concrete with small diameter steel mesh and rebar
- 15" Drilling Depth

Size	Tirread	Pari No.	
2*	1-1/4*-7	48-17-2020	
2-1/2*	1-1/4*-7	48-17-2025	
3*	1-1/4*-7	48-17-2030	
3-1/2"	1-1/4*-7	48-17-2035	
4'	1-1/41-7	48-17-2040	

Size	Thread	Pari No.
4-1/4"	1-1/4*-7	48-17-2042
4-1/2*	1-1/4*-7	48-17-2045
51	1-1/4*-7	48-17-2050
6'	1-1/4*-7	48-17-2060



#### PRE-STRESSED CONCRETE WET CORE BITS

- Designed specifically for the demands of drilling pre-stressed concrete
- 15" Drilling Depth

Stre	Thread	Part No.
1"	5/8*-11	48-17-1010
1:1/2*	5/8*-11	48-17-1015
2*	1-14*-7	48-17-1020
2:1/2*	1-1.41-7	48-17-1025
3,	1-1.41-7	48-17-1030

	Size	Thread	Part No.
1	3-1/2"	1-1/4*-7	48-17-1035
	4*	1-1/4*-7	48-17-1040
	4-1/2*	1-1/4*-7	48-17-1045
	5'	1-1/4*-7	48-17-1050
	6*	1-1/4*-7	48-17-1060



#### WET CORE BIT EXTENSIONS

- Designed to be used with Milwaukee<sup>s</sup> Diamond Premium Wet Core Bits
- Extends core bit drilling depth by 12"

Stre	Thresail	Part No.	
1"	5/8*-11	48-17-4010	
1-1/4*	5/8*-11	48-17-4012	
1-1/2"	5/8*-11	48-17-4015	
2*	1-1/4*-7	48-17-4020	
2-1/2"	1-1.4*-7	48-17-4025	
3*	1-1/41-7	48-17-4030	

Size	Tirread	Part No.
3-1/2"	1-1/4*-7	48-17-4036
4'	1-1/4*-7	48-17-4040
4-1/4*	1-1/4*-7	48-17-4042
4-1/2"	1-1/4*-7	48-17-4045
5'	1-1/4*-7	48-17-4050

#### ® M/2" 2-CUTTER SDS PLUS KIT

Part No.	48-20-7490
Description	5 PC M/2™ SDS Plus Bit Set
Includes	(1) 3/16" × 4", (1) 1/4" × 6", (1) 5/16" × 6", (1) 3/8" × 6", (1) 1/2" × 6"





This product complies with ANSI 8212.15 standard

#### SDS PLUS CONCRETE SCREW INSTALLATION DRILL BITS & KIT

			Concrete Screw Dlameter Size	1 Parok	
5/32"	2"	5"	3/46"	48-20-7090	-
5/32"	3"	6"	3/16"	48-20-7096	48-20-7196
5/32*	4 <sup>ii</sup>	7"	3/16"	48-20-7091	48-20-7191
3/16 <sup>0</sup>	2"	5"	1/4"	48-20-7097	-
зие"	3"	6"	1/4"	48-20-7098	48-20-7198
3/16°	4 <sup>ii</sup>	7.0	1/4"	48-20-7092	48-20-7192



This product complies with ANSI B212.15 standard



This product complies with ANSI B212.15 standard

#### SDS PLUS SLEDGE" CHISELS

TIp Type	Style	Application	Sine	Pari No.
_	SDS Plus SLEDGE* 10" Bull Point	Starts a hole inconcrete slabs, general chipping and breaking	10"	48-62-6050
7	SDS Plus SLEDGE*3/4" x10" Flat Chisel	General chipping and breaking	3/4"×10"	48-62-6052
-	SBS Plus SLEDGE* Plus 1-1/2" Scaling Chisel	Gleans concrete, scale, rust, outs troughs and some asphalt	1-1/2"×10"	48-62-6056
-6	SDS Plus SLEDGE™ 1-7/8"Tile Chise!	Removes tiles, laminates and other composite materials, removes concrete spillage	1-7/8"×9-1/2"	48-62-6030

#### SDS MAX SLEDGE" CHISELS

Tip Type	Siyle	0,polleatkm	Sine	Part No.
To his to the	SDS Max SLEDGE* Bull Point	Starts a hole in concrete slabs, general chipping and breaking	16"	48-62-4250
¥-53	SDS Max SLEDGE™ Flat ChiseI	General chipping and breaking	1"::16"	48-62-4252
-(3)	SDS Max SLEDGE* Scaling Chicel	Cleans concrete, scale, rust, cuts troughs and some asphalt	3°×12°	48-62-4087

#### SDS MAX CHISELS

Tip Type	Sh/B	Applesition	Size	Part Nu.
	Bull Point	Starts a hole in concrete stabs, general chipping and breaking	12"	48-62-4075
	Flat Ghisel	General chipping and breaking	1"x12"	48-62-4079

#### **EXTENSIONS & ADAPTERS**

#### PLUS-LOK" SOS PLUS EXTENSIONS

Sheak	Length	Part No.
PLUS-LOK™ SDS Plus Extension	12"	48-20-6940
PLUS-LOK™ SDS Plus Extension	18°	48-20-6945



#### MAX-LOK"

Description	Part No.
MAX-LOK™ SDS Max 15" Extension	48-20-6961



#### CARBIDE HAMMER DRILL BITS

#### CARBIDE HAMMER DRILL BIT SETS

Part No.	48-20-9061	
Description	5 Po SHOCKWAVE Impact Duty* Carbide Hammer Brill Bit Set	
Includes	5/32", 3/16", 1/4", 5/16", 3/8"	



#### CARBIDE HAMMER DRILL BIT CONCRETE SCREW INSTALLATION KIT

Part No.	48-20-9097
Description	7 Pc SHOCKWAVE Impact Duty* Carbide Hammer Drill Bit for Concrete Screw Installation Kit
Includes	(f) 5/32" x4" x6" Carbide Hammer Drill Bit w/ Hex, (f) 3/16" x4" x6" Carbide Hammer Drill Bit w/ Hex, (f) 1/4" SHOCKWAVE Impact Duty" Concrete Screw Nut Driver, (f) 5/16" SHOCKWAVE Impact Duty" Concrete Screw Nut Driver, (f) SHOCKWAVE Impact Duty" T25 2" TORX" Bit, (f) SHOCKWAVE Impact Duty" T30 2" TORX" Bit, (f) Drive Sleeve

#### CARBIDE MULTI-MATERIAL DRILL BIT SETS

Part No.	48-20-8898	
Description	5 Po SHOCKWAVE Impact Duty* Carbide Multi-Material Drill Bit Set	
Includes	5/32", 3/16", 1/4", 5/16", 3/8"	



#### SDS MAX CORE BITS

#### SOS MAX ONE-PIECE CORE BITS

Olameter	Depth	Part No.
1-1/2"	11-3/8"	48-20-5400
1-3/4"	11-3/8"	48-20-5404
2"	11-3/8"	48-20-5408
2-5/8"	11-3/8"	48-20-5412
3-1/8"	11-3/8"	48-20-5420

Diameter	Depth	Part No.
3-9/16"	11-3/8"	48-20-5428
4"	11-3/8"	48-20-5432
5"	11-3/8"	48-20-5436
6"	22"	48-20-5440

#### SOS MAX ONE-PIECE CORE BIT ACCESSORIES

Description	Part No.
Centering Bit	48-20-5495
Drift Ke y	48-20-5497





### ®MX4™ 4-CUTTER SDS PLUS DRILL BITS

Dia meter	Usable Length	Length	1 Pack	Bulk	Monster Pack
5/32"	4 <sup>n</sup>	6"	48-20-7308	. 8 17	
3/16"	2"	4"	48-20-7310	48-20-7910(15 pK)	-
3/16"	4"	6 <sup>n</sup>	48-20-7311	48-20-7911 (15 pk)	48-20-7990 (100 pk)
3/16"	6"	8"	48-20-7312	48-20-7912 (15 pk)	11 18 11
3/16"	8"	10"	48-20-7313	-	
3A6"	10"	12"	48-20-7314	-	-
1/4"	2"	4"	48-20-7330	48-20-7930 (15 pk)	Te a
1/4"	4"	6"	48-20-7331	48-20-7931 (15 pk)	48-20-7994 (100 pK)
1/4"	6"	8"	48-20-7332	48-20-7932 (15 pk)	-
1/4"	8"	10°	48-20-7334	-	140
1/4"	10"	12"	48-20-7335		1000
5/16"	4"	6 <sup>n</sup>	48-20-7341	48-20-7941 (15 pK)	14.11
5/16"	10"	12"	48-20-7344	1.5-	120.0
3/8"	4"	6"	48-20-7351	48-20-7951 (10 pk)	16.64
3/8"	10"	12"	48-20-7354	48-20-7964 (10 pk)	320
3/8"	16"	18"	48-20-7357	11 15 11 1	To the control
7A6"	4"	6"	48-20-7361	- 8	11-31
7/16"	10"	12"	48-20-7364	100	
1,/2"	4"	6 <sup>n</sup>	48-20-7371	48-20-7971 (10 pk)	
1/2"	10"	12"	48-20-7374	48-20-7974 (10 pk)	1000

	Length	Length	1 Pack
1/2"	16"	18"	48-20-7377
9.46"	4"	6"	48-20-7381
9/16"	10"	12"	48-20-7384
946"	16"	18"	48-20-7387
5/8"	6"	8"	48-20-7200
5/8"	10"	12"	48-20-7203
5/8"	16"	18"	48-20-7206
3/4"	6"	·8"	48-20-7210
3/4"	8"	10"	48-20-7212
3/4"	10"	12"	48-20-7215
3/4"	16"	18"	48-20-7220
7/8"	6"	8)1	48-20-7225
7/8"	8"	40"	48-20-7228
7/8"	10"	12"	48-20-7230
7/8"	16"	18"	48-20-7236
10	8"	10"	48-20-7240
39	16"	18"	48-20-7246
1-1/8"	8"	10"	48-20-7250
1-1/8"	16"	18"	48-20-7256
1-1/4"	16"	18"	48-20-7266







This product complies with ANSI B212.15 standard

# MX4" 4-CUTTER SDS PLUS DRILL BIT KITS

Aut Ma.	48-20-7498	48-20-7499	48-20-7662	48-20-7663
Description	5 Pc MX4* SDS Plus Bit Set	6 Pc MX4™ SDS Plus Bit Set	6 Pc MX4™ SDS Plus Bit & SDS Plus Chisel Set	8 Pc MX4" SDS Plus Bit Set
Includes	(1) 3/16" x 4", (1) 1/4" x 6". (1) 5/16" x 6", (1) 3/8" x 6". (1) 1/2" x 6"	(1) 3/16" x 6", (1) 1/4" x 6", (1) 5/16" x 6", (1) 3/8" x 6", (1) 1/2" x 6", (1) 5/8" x 8"	(1) 5/32" x 6", (1) 3/16" x 6", (1) 1/4" x 6", (1) 3/8" x 6", (1) 5-1/2" Bull Point Chisel, (1) 5-1/2" Flat Chisel	(1) 5/32" x 6", (1) 3/16" x 4", (1) 3/16" x 6", (1) 1/4" x 4", (1) 1/4" x 6", (1) 5/16" x 6", (1) 3/8" x 6", (1) 1/2" x 6"



This product complies with ANSI 6212.15 standard

#### MX4" 4-CUTTER SDS MAX DRILL BITS

)lameke	Usable Length	Length	1 Pack.
3/8"	8"	13"	48-20-3901
1/2"	8*	13*	48-20-3902
1/2*	12"	17*	48-20-3903
3/2	16"	21*	48-20-3904
1/2*	24*	29*	48-20-3905
1/2"	31*	36*	48-20-3906
1/2*	54*	60*	48-20-3909
9/16*	8*	13"	48-20-3910
9/164	16*	21*	48-20-3912
5/8"	8*	13*	48-20-3916
5/8"	12"	17"	48-20-3917
5/8"	16"	21*	48-20-3918
5/8"	24*	29*	48-20-3920
5/8"	31"	36*	48-20-3922
5/8*	54*	60*	48-20-3923
11/16*	16"	21*	48-20-3926
3/4"	8*	13*	48-20-3930
3/4"	12"	174	48-20-3931
3/4"	10	21*	48-20-3932

Diameter	Usable Length	Length	1 Pasic
3/4"	24"	29*	48-20-3934
3/4"	31*	36*	48-20-3936
13/16*	17*	21*	48-20-3938
27/32*	175	21*	48-20-3942
7/8"	8*	13*	48-20-3944
7/8"	124	17*	48-20-3945
7/6"	17*	21*	48-20-3946
7/8"	24"	29*	48-20-3947
7/8"	315	36"	48-20-3949
	8"	13*	48-20-3952
46	12*	17*	48-20-3953
1*	175	21.	48-20-3954
12	24"	584	48-20-3955
1*	31"	.36*	48-20-3956
1-1/16*	187	S3**	48-20-3958
1-1/8"	8*	13"	48-20-3965
1-1/8*	12"	17*	48-20-3964
1-1/0"	17*	21*	48-20-3966
1170	24"	29 <sup>th</sup>	48-20-3969

Diameter	Usable Langth	Length	1 Pack
1.478*	31"	36 <sup>st</sup>	48-20-3967
1-1/4*	10*	15*	48-20-3970
14/4*	184	234	48-20-3972
14/4*	24*	29*	48-20-3973
1.474*	319	36"	48-20-3974
1.3/8"	12"	17.*	48-20-3975
1-3/8*	184	234	48-20-3990
1.3/81	24*	29*	48-20-3981
1-3/8*	31"	364	48-20-3963
1-7/16"	18*	23*	46-20-3984
1-1/2"	12"	17*	48-20-3986
1-1/2*	18*	23*	48-20-3908
(-1/2*	24*	29*	48-20-3985
1-1/2"	31*	36*	48-20-3987
1-9/16*	18*	23*	48-20-3990
1-5/8*	18*	23*	48-20-3991
1-3/4"	18"	23"	48-20-3992
2	184	23*	48-20-3993



This product complies with ANSI B212 15 standard

#### SHOCKWAVE IMPACT DUTY" SOCKETS AND ADAPTERS



#### 3/8" DRIVE 6 POINT SOCKETS

Milwaakee#	Size	Socket Depth	Socket Type
49-56-6100	1/4"	STANDARD	SAE
49-66-6101	9/32"	STANDARD	SAE
49-88-6102	5/16"	STANDARD	SAE
49-66-6103	11/32"	STANDARD	SAE
49-66-6104	3/8"	STANDARD	SAE
49-66-6105	7/16"	STANDARD	SAE
49-88-6106	1/2"	STANDARD	SAE
49-66-6107	9/16"	STANDARD	SAE
49-06-6108	5/8"	STANDARD	SAE
49-66-6109	11/16"	STANDARD	SAE
49-88-6110	3/4"	STANDARD	SAE
49-66-6111	13/16"	STANDARD	SAE
49-66-6112	7/8"	STANDARD	SAE
49-66-6113	15/16"	STANDARD	SAE
49-88-6114	1"	STANDARD	SAE
49-66-6115	1/4"	DEEP	SAE
49-86-6118	9/32"	DEEP	SAE
49-66-6117	5/16"	DEEP	SAE
49-88-6118	11/32"	DEEP	SAE
49-66-6119	3/8"	DEEP	SAE
49-66-6120	7/16"	DEEP	SAE
49-66-6121	1/2"	DEEP	SAE
49-88-6122	9/16"	DEEP	SAE

Milwankee#	Size	Socket Depth	Socket Type
49-66-6123	5/8"	DEEP	SAE
49-66-6124	11/16"	DEEP	SAE
49-86-8125	3/4"	DEEP	SAE
49-66-6126	13/16"	DEEP	SAE
49-66-6127	7/8"	DEEP	SAE
49-66-6128	15/16"	DEEP	SAE
49-66-6129	1"	DEEP	SAE
49-66-6130	6MM	STANDARD	METRIC
49-66-6131	7MM	STANDARD	METRIC
49-66-6132	MMS	STANDARD	METRIC
49-66-6133	9MM	STANDARD	METRIC
49-66-6134	10MM	STANDARD	METRIC
49-66-6135	11MM	STANDARD	METRIC
49-66-6136	12MM	STANDARD	METRIC
49-66-6137	13MM	STANDARD	METRIC
49-66-6138	14MM	STANDARD	METRIC
49-66-6139	15MM	STANDARD	METRIC
49-86-6140	16MM	STANDARD	METRIC
49-60-6141	17MM	STANDARD	METRIC
49-66-6142	18MM	STANDARD	METRIC
49-66-6143	19MM	STANDARD	METRIC
49-86-6737	20MM	STANDARD	METRIC
49-80-6144	21MM	STANDARD	METRIC

Milwankee#	Size	Socked Depth	Socket Typ
49-88-6145	22MM	STANDARD	METRIC
49-66-6146	23MM	STANDARD	METRIC
49-86-8147	24MM	STANDARD	METRIC
49-66-6148	6MM	DEEP	METRIC
49-86-6149	7MM	DEEP	METRIC
49-66-6150	8MM	DEEP	METRIC
49-86-6151	DMM	DEEP	METRIC
49-86-6152	10MM	DEEP	METRIC
49-86-6153	11MM	DEEP	METRIC
49-86-6154	12MM	DEEP	METRIC
49-86-8155	13MM	DEEP	METRIC
49-66-6156	14MM	DEEP	METRIC
49-86-6157	15MM	DEEP	METRIC
49-86-6158	16MM	DEEP	METRIC
49-86-8159	17MM	DEEP	METRIC
49-86-6160	18MM	DEEP	METRIC
49-66-6161	19MM	DEEP	METRIC
49-66-6162	21MM	DEEP	METRIC
49-66-6163	22MM	DEEP	METRIC
49-66-6164	23MM	DEEP	METRIC
49-66-6165	24MM	DEEP	METRIC
49-66-6738	20MM	DEEP	METRIC





#### 1/2" DRIVE 6 POINT SOCKETS

Milwaukce#	Size	Socket Depth	Socket Type
49-66-6200	3/8"	STANDARD	SAE
49-66-6201	7/16"	STANDARD	SAE
49-66-6202	1/2"	STANDARD	SAE
49-88-8203	9/16"	STANDARD	SAE
49-66-6204	5/8"	STANDARD	SAE
49-66-6205	11/16"	STANDARD	SAE
49-66-6206	3,4."	STANDARD	SAE
49-66-6207	13/16"	STANDARD	SAE
49-66-6208	7/8"	STANDARD	SAE
49-66-6209	15/16"	STANDARD	SAE
49-88-8210	10	STANDARD	SAE
49-66-6211	1-1/16"	STANDARD	SAE
49-66-6212	1-1/8"	STANDARD	SAE
49-66-6213	1-3/16"	STANDARD	SAE
49-66-6214	1-1/4"	STANDARD	SAE
49-66-6215	1-5/16"	STANDARD	SAE
49-66-6216	1-3/8"	STANDARD	SAE
49-66-6217	1-7/16"	STANDARD	SAE
49-66-6218	1-1/2"	STANDARD	SAE
49-66-6219	1-9/16"	STANDARD	SAE
49-66-6220	3/8"	DEEP	SAE
49-66-6221	7/16"	DEEP	SAE
49-66-6222	1/2"	DEEP	SAE
49-66-6223	9/16"	DEEP	SAE
49-66-6224	5/8"	DEEP	SAE
49-66-6225	11/16"	DEEP	SAE
49-66-6226	3/4"	DEEP	SAE
49-66-6227	13/16"	DEEP	SAE
49-66-6228	7/8"	DEEP	SAE
49-66-6229	15/16*	DEEP	SAE
49-66-6230	1"	DEEP	SAE
49-66-6231	1-1/16"	DEEP	SAE
49-66-6232	1-1/8"	DEEP	SAE
49-66-6233	1-3/16"	DEEP	SAE
49-66-6234	1-1/4"	DEEP	SAE

Milwaukee #	Size	Socket Depth	Socket Type
49-66-6235	1-5/16"	DEEP	SAE
49-66-6236	1-3/8"	DEEP	SAE
49-66-5237	1-7/16"	DEEP	SAE
49-66-6238	1-1/2"	DEEP	SAE
49-66-6239	1-9/16"	DEEP	SAE
49-66-6240	MM8	STANDARD	METRIC
49-66-6241	9MM	STANDARD	METRIC
49-66-6242	10MM	STANDARD	METRIC
49-66-6243	11MM	STANDARD	METRIC
49-66-6244	12MM	STANDARD	METRIC
49-66-6245	13MM	STANDARD	METRIC
49-66-6246	14MM	STANDARD	METRIC
49-66-6247	15MM	STANDARD	METRIC
49-66-6248	16MM	STANDARD	METRIC
49-66-6249	17MM	STANDARD	METRIC
49-66-6250	18MM	STANDARD	METRIC
49-66-6251	19MM	STANDARD	METRIC
49-66-6252	20MM	STANDARD	METRIC
49-66-6253	21MM	STANDARD	METRIC
49-86-8254	22MM	STANDARD	METRIC
49-66-6255	23MM	STANDARD	METRIC
49-66-6256	24MM	STANDARD	METRIC
49-66-6257	25MM	STANDARD	METRIC
49-66-6258	26MM	STANDARD	METRIC
49-66-6259	27MM	STANDARD	METRIC
49-66-6260	28MM	STANDARD	METRIC
49-66-6261	29MM	STANDARD	METRIC
49-66-8262	30MM	STANDARD	METRIC
49-66-6263	31MM	STANDARD	METRIC
49-66-6264	32MM	STANDARD	METRIC
49-66-6266	33MM	STANDARD	METRIC
49-66-6266	34MM	STANDARD	METRIC
49-66-6267	35MM	STANDARD	METRIC
49-66-6268	36MM	STANDARD	METRIC
49-66-6269	8MM	DEEP	METRIC

Milwaukce#	Size	Socket Depth	Socket Type
49-55-6270	9MM	DEEP	METRIC
49-66-6271	10MM	DEEP	METRIC
49-66-6272	11MM	DEEP	METRIC
49-86-6273	12MM	DEEP	METRIC
49-66-6274	13MM	DEEP	METRIC
49-66-6275	14MM	DEEP	METRIC
49-86-6276	15MM	DEEP	METRIC
49-55-6277	15MM	DEEP	METRIC
49-66-6278	17MM	DEEP	METRIC
49-56-6279	18MM	DEEP	METRIC
49-86-8280	19MM	DEEP	METRIC
49-86-6281	20MM	DEEP	METRIC
49-66-6282	21MM	DEEP	METRIC
49-86-6283	22MM	DEEP	METRIC
49-66-6284	23MM	DEEP	METRIC
49-66-6285	24MM	DEEP	METRIC
49-86-6286	25MM	DEEP	METRIC
49-66-6287	26MM	DEEP	METRIC
49-66-6288	27MM	DEEP	METRIC
49-66-6289	28MM	DEEP	METRIC
49-66-6290	29MM	DEEP	METRIC
49-66-6291	30MM	DEEP	METRIC
49-66-6292	31MM.	DEEP	METRIC
49-66-6293	32MM	DEEP	METRIC
49-66-6294	33MM	DEEP	METRIC
49-66-6295	34MM	DEEP	METRIC
49-66-6296	35MM	DEEP	METRIC
49-66-6297	36MM	DEEP	METRIC

#### SHOCKWAVE IMPACT DUTY" SOCKETS AND ADAPTERS





#### 3/4" DRIVE 6 POINT SOCKETS

Milwaukeo #	Size	Socket Depth	Socket Type
49-66-6300	9/16"	STANDARD	SAE
49-66-6301	5/8"	STANDARD	SAE
49-66-6302	11/16"	STANDARD	SAE
49-66-6303	3/4"	STANDARD	SAE
49-66-6304	13/16"	STANDARD	SAE
49-66-6305	7/8"	STANDARD	SAE
49-66-6306	15/16"	STANDARD	SAE
49-66-6307	1"	STANDARD	SAE
49-66-6308	1-1/16"	STANDARD	SAE
49-66-6309	5-1/8"	STANDARD	SAE
49-66-6310	1-3/16"	STANDARD	SAE
49-66-6311	5-1/4"	STANDARD	SAE
49-66-6312	1-5/16"	STANDARD	SAE
49-66-6313	1-3/8"	STANDARD	SAE
49-66-6314	1-7/16"	STANDARD	SAE
49-66-6315	5-1/2°	STANDARD	SAE
49-66-6316	1-9/16"	STANDARD	SAE
49-66-6317	1-5/8"	STANDARD	SAE
49-66-6318	1-11/16"	STANDARD	SAE
49-66-6319	1-3/4"	STANDARD	SAE
49-66-6320	1-13/16"	STANDARD	SAE
49-66-6321	1-7/8"	STANDARD	SAE
49-66-6322	1-15/16"	STANDARD	SAE
49-66-6323	2"	DEEP	SAE
49-66-6332	9/16"	DEEP	SAE
49-66-6333	5/8"	DEEP	SAE
49-66-6334	11/16"	DEEP	SAE
49-66-6335	3/4"	DEEP	SAE
49-66-6336	13/16"	DEEP	SAE
49-66-6337	7/8"	DEEP	SAE
49-66-6338	15/16"	DEEP	SAE
49-66-6339	10	DEEP	SAE
49-66-6340	1-1/16"	DEEP	SAE
49-66-6341	1-1/8"	DEEP	SAE
49-66-6342	1-3/16"	DEEP	SAE
49-66-6343	1-1/4"	DEEP	SAE
49-66-6344	1-5/16"	DEEP	SAE
49-66-6345	1-3/6"	DEEP	SAE
49-66-6346	1-7/16"	DEEP	SAE

Milwarukoe #	500	Socket Depth	Sockel Type
49-66-6347	1-1/2"	DEEP	SAE
49-66-6348	1-9/16"	DEEP	SAE
49-66-6349	1-5/8"	DEEP	SAE
49-66-6350	1-11/16"	DEEP	SAE
49-66-6351	1-3/4"	DEEP	SAE
49-66-6352	1-13/16"	DEEP	SAE
49-66-6353	1-7/8"	DEEP	SAE
49-66-6354	1-15/16"	DEEP	SAE
49-66-6355	29	DEEP	SAE
49-66-6356	17MM	STANDARD	METRIC
49-66-6357	19MM	STANDARD	METRIC
49-66-6358	20MM	STANDARD	METRIC
49-66-6359	21MM	STANDARD	METRIC
49-66-6360	22MM	STANDARD	METRIC
49-66-6301	23MM	STANDARD	METRIC
49-66-6362	24MM	STANDARD	METRIC
49-66-6363	25MM	STANDARD	METRIC
49-86-6364	26MM	STANDARD	METRIC
49-66-6365	27MM	STANDARD	METRIC
49-66-6366	28MM	STANDARD	METRIC
49-66-6367	29MM	STANDARD	METRIC
49-86-6368	30MM	STANDARD	METRIC
49-66-6369	31MM	STANDARD	METRIC
49-66-6370	32MM	STANDARD	METRIC
49-86-6371	33MM	STANDARD	METRIC
49-86-6372	34MM	STANDARD	METRIC
49-66-6373	35MM	STANDARD -	METRIC
49-66-6374	36MM	STANDARD	METRIC
49-86-6375	37MM	STANDARD	METRIC
49-86-6376	38MM	STANDARD	METRIC
49-66-6377	39MM	STANDARD	METRIC
49-66-6378	40MM	STANDARD	METRIC
49-86-6379	41MM	STANDARD	METRIC .
49-86-6380	42MM	STANDARD	METRIC
49-66-6381	43MM	STANDARD	METRIC
49-66-6382	44MM	STANDARD	METRIC
49-86-6383	45MM	STANDARD	METRIC
49-86-6384	46MM	STANDARD	METRIC
49-66-6385	47 MM	STANDARD	METRIC

Milwaukee #	Size	Socket Depth	Sockel Ty
49-66-6386	48MM	STANDARD	METRIC
49-66-6387	49MM	STANDARD	METRIC
49-66-6388	50MM	STANDARD	METRIC
49-66-6392	GOMM	STANDARD	METRIC
49-66-6393	17MM	STANDARD	METRIC
49-66-6394	19MM	STANDARD	METRIC
49-66-6395	20MM	STANDARD	METRIC
49-66-6396	21MM	STANDARD	METRIC
49-66-6397	22MM	STANDARD	METRIC
49-66-6398	23MM.	STANDARD	METRIC
49-66-6399	24MM	STANDARD	METRIC
49-66-6400	25MM	STANDARD	METRIC
49-66-6401	26MM	STANDARD	METRIC
49-66-6402	27MM	STANDARD	METRIC
49-66-6403	28MM	STANDARD	METRIC
49-66-6404	29MM	STANDARD	METRIC
49-66-6405	30MM	STANDARD	METRIC
49-66-6406	31MM	STANDARD	METRIC
49-66-6407	32MM	STANDARD	METRIC
49-66-6408	33MM	STANDARD	METRIC
49-66-6409	34MM	STANDARD	METRIC
49-66-6410	35MM	STANDARD	METRIC
49-86-6411	36MM	STANDARD	METRIC
49-66-6412	37MM	STANDARD	METRIC
49-66-6413	38MM	STANDARD	METRIC
49-66-6414	39MM	STANDARD	METRIC
49-66-6415	40MM	STANDARD	METRIC
49-66-6416	41MM	STANDARD	METRIC
49-66-6417	42MM	DEEP	METRIC
49-66-6418	43MM	DEEP	METRIC
49-66-6419	44MM	DEEP	METRIC
49-66-6420	45MM	DEEP.	METRIC
49-66-6421	46MM	DEEP	METRIC
49-66-6422	47MM	DEEP	METRIC
49-66-6423	48MM	DEEP	METRIC
49-66-6424	49MM	DEEP	METRIC
49-66-6425	50MM	DEEP	METRIC



#### 1" DRIVE 6 POINT SOCKETS

Milwankee #	Sige	Socket Type
49-66-6731	3/4"	SAE
49-66-6502	7/8"	SAE
49-66-6503	15/16"	SAE
49-66-6504	1"	SAE
49-66-6505	1-1/16"	SAE
49-66-6506	1-1/8"	SAE
49-66-6507	1-3/16"	SAE
49-66-6508	1-1/4"	SAE
49-66-6509	1-5/16"	SAE
49-66-6510	1-3/8"	SAE
49-66-6511	1-7/16"	SAE
49-66-6512	1-1/2"	SAE

Milwaukee #	Size	Socient Type
49-66-6513	1-9/16"	SAE
49-66-6514	1-5/8"	SAE
49-66-6515	1-11/16"	SAE
49-66-6516	1-3/4"	SAE
49-66-6517	1-13/16"	SAE
49-66-6518	1-7/8"	SAE
49-66-6519	1-15/16 <sup>n</sup>	SAE
49-66-6520	2"	SAE
49-66-6521	2-1/4"	SAE
49-66-6592	27MM	METRIC
49-66-6593	28MM	METRIC
49-66-6594	29MM	METRIC

Milwankee #	Size	Sockel Type
49-66-6595	30MM	METRIC
49-66-6596	31MM	METRIC
49-66-6597	32MM	METRIC
49-66-6598	33MM	METRIC
49-66-6599	34MM	METRIC
49-66-6600	35MM	METRIC
49-66-6601	36MM	METRIC.
49-66-6602	38MM	METRIC
49-66-6603	40MM	METRIC
49-66-6604	41MM	METRIC
49-66-6605	42MM	METRIC
49-66-6606	46MM	METRIC

Milwaitkee #	Size	Snicket Type
49-66-6607	50MM	METRIC
49-66-6608	62MM	METRIC
49-66-6609	54MM	METRIC.
49-66-6610	55MM	METRIC
49-66-6611	56MM	METRIC
49-66-6612	58MM	METRIC
49-66-6613	58MM	METRIC.
49-66-6614	65MM	METRIC
49-66-6615	67MM	METRIC
49-66-6616	70MM	METRIC

#### SHOCKWAVE IMPACT DUTY™ SOCKETS AND ADAPTERS

#### SOCKET SETS

Mihwa ukaa #	Description
49-66-6806	31 PC SHOCKWAVE IMPACT DUTY™ SOCKET 1/2" DR PACKOUT SET
49-86-7000	10PC SHOCKWAVE IMPACT DUTY™ 1/4 DRIVE SAE STANDARD 6 POINT SOCKET SET
49-66-7001	10PC SHOCKWAVE IMPACT DUTY™ 1/4" DRIVE SAE DEEP 6 POINT SOCKET SET
49-66-7002	14PC SHOCKWAVE IMPACT DUTY™ 1/4" METRIC STANDARD 6 POINT SOCKET SET
49-66-7003	14PC SHOCKWAVE IMPACT DUTY™ 1/4" METRIC DEEP 6 POINT SOCKET SET
49-86-7005	12PC SHOCKWAVE IMPACT DUTY™ 3/8" DRIVE SAE STANDARD 6 POINT SOCKET SET
49-86-7006	12PC SHOCKWAVE IMPACT DUTY™ 3/8" DRIVE SAE DEEP 6 POINT SOCKET SET
49-66-7007	14PC SHOCKWAVE IMPACT DUTYTM 3/8" DRIVE METRIC STANDARD 6 POINT SOCKET SET
49-66-7008	14PC SHOCKWAVE IMPACT DUTY™ 3/8" DRIVE METRIC DEEP 6 POINT SOCKET SET
49-86-7009	43PC SHOCKWAVE IMPACT DUTY™ 3/8" DRIVE SAE & METRIC DEEP 6 POINT SOCKET SET
49-86-7010	12PC SHOCKWAVE IMPACT DUTY™ 1/2" DRIVE SAE STANDARD 6 POINT SOCKET SET
49-86-7011	12PC SHOCKWAVE IMPACT DUTY™ 1/2" DRIVE SAE DEEP 6 POINT SOCKET SET
49-66-7012	19PC SHOCKWAVE IMPACT DUTY™ 1/2" DRIVE SAE DEEP 6 POINT SOCKET SET
49-66-7013	14PC SHOCKWAVE IMPACT DUTY™ 1/2" DRIVE METRIC STANDARD 6 POINT SOCKET SET
49-66-7014	14PC SHOCKWAVE IMPACT DUTY™ 1/2" DRIVE METRIC DEEP 6 POINT SOCKET SET
49-66-7015	29PC SHOCKWAVE IMPACT DUTY™ 1/2" DRIVE METRIC DEEP 6 POINT SOCKET SET
49-66-7016	29PC SHOCKWAVE IMPACT DUTY™ 1/2" DRIVE SAE & METRIC DEEP 6 POINT SOCKET SET
49-86-7017	8PC SHOCKWAVE IMPACT DUTY™ 3/4" DRIVE SAE STANDARD 6 POINT SOCKET SET
49-66-7018	8PC SHOCKWAVE IMPACT DUTYTM 3/4" DRIVE SAE DEEP 6 POINT SOCKET SET
49-86-7019	8PC SHOCKWAVE IMPACT DUTY™ 3/4" DRIVE METRIC STANDARD 6 POINT SOCKET SET
49-86-7020	8PC SHOCKWAVE IMPACT DUTY™ 3/4" DRIVE METRIC DEEP 6 POINT SOCKET SET
49-66-7021	8PC SHOCKWAVE IMPACT DUTY™ 3/8" DRIVE METRIC DEEP 6 POINT SOCKET SET
49-66-7022	9PC SHOCKWAVE IMPACT DUTY™ 1/2" DRIVE SAE DEEP 6 POINT SOCKET SET
49-66-7024	8PC SHOCKWAVE IMPACT DUTY™ 3/8" DRIVE SAE DEEP 6 POINT SOCKET SET
49-66-7025	3PC SHOCKWAVE IMPACT DUTYTM 1/2" DRIVE METRIC DEEP 6 POINT SOCKET SET







#### SOCKET EXTENSIONS

Milwaukee#	Drive Size	Langth
49-66-6700	1/4"	3"
49-66-6701	1/4"	6°
49-66-6702	1/4"	10"
49-66-6703	3/8"	3"

Mihwaukee #	Drive Size	Langth
49-66-6704	3/8"	6"
49-66-6705	3/8"	10"
49-66-6706	1/2"	3"
49-66-6707	1/2"	6"

Mihvaukea#	Drive Size	Langth
49-66-6708	1/2"	10°
49-66-6709	3/4"	4"
49-66-6710	3/4"	7"
49-66-6711	3/4"	10"

Milma ukaa #	Brive Size	Langth
49-66-6712	10	7"
49-66-6713	1.0	10"

#### REDUCERS

Milwaukaa#	Drīve Size	Output Drive
49-66-6722	3/8"	1/4"
49-66-6725	1/2"	3/8"
49-66-6728	3/4"	1/2"



#### SOCKET UNIVERSAL JOINTS

Mihvaukee #	Drive Size
49-66-6721	1/4"
49-66-6724	3/8"
49-66-6727	1/2"

Mihwaukaa#	Drīve Size
49-66-6730	3/4"
49-66-6733	377



#### SOCKET ADAPTERS

Milmaukee#	Drive Size	Output Drive
49-66-6720	1/4"	3/8"
49-66-6723	3/8"	1/2"
49-66-6726	1/2"	3/4"
49-66-6729	3/4"	40



49-66-6742 SHOCKWAVE Impact Duty\*\* 1/4"-1/2"Drive Adapter Set



# TOOL REPAIR OPTIONS





**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

#### PRINT LABEL



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

#### GET TOOL



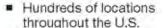
Your repaired tool will be returned directly to you no need to pick it up

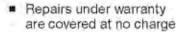
#### FACTORY SERVICE CENTERS

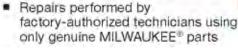


- Fast turn-around: get your tool back in 7 10 business days
- Repairs under warranty are covered at no charge
- Repairs performed by factory-trained technicians are done using only genuine MILWAUKEE® parts
- Refer to back page for Factory Service Center locations

#### AUTHORIZED SERVICE CENTERS







For Authorized Service Center locations, refer to milwaukeetool.com/Support/Find-A-Service-Center



#### 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

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

8840 NW 24th Ter Doral, FL 33172

#### 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

4229 Ponderosa Avenue Suite A San Diego, CA 92123

#### 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 for MILWAUKEE® products defective in material or workmanship and within their warranty period.

- Date code of product will be used to determine if product is within warranty period
- Proof of purchase from an authorized MILWAUKEE® distributor 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
3-Year Limited	Outdoor Power Equipment
2-Year Limited	Airless Paint Sprayer, Portable Generator, Light Equipment, MX FUEL" Equipment
1-Year Limited	M12 <sup>™</sup> Heated Gear, Hoist, Reconditioned Product, Jobsite Radios, Sprayers
Lifetime Limited	Hand Tools

#### **Battery Warranties**

Warranty Period	Product Covered	
3-Year	M12 <sup>™</sup> , M18 <sup>™</sup> and M28 <sup>™</sup> REDLITHIUM <sup>™</sup> XC Battery Packs M28 <sup>™</sup> 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, V4 Lithium-Ion Battery Packs, MX FUEL" Battery Packs	
2-Year - Plus, 3-Year Prorated	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 Trollies
- Service Parts
- Batteries (unless part of eligible tool kit)

#### IS MY TOOL COVERED UNDER WARRANTY?

YES	NO
WARRANTY SERVICE:	LIGHTNING MAX REPAIR:
■ Free repairs or replacements for MILWAUKEE®	Speed: Repairs in 7 - 10 business days
<ul> <li>products defective in material or workmanship</li> <li>Qualifying products must be within their specific warranty period</li> </ul>	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

#### **BEST WARRANTY IN INDUSTRY**







POWER



HD & XC BATTERIES



BATTERIES



AUTOMOTIVE HAND TOOLS



"Withanty vame a besett upon provinct category

