



Nothing but **HEAVY DUTY.**[™]

2022/23 ASIA RANGE PRODUCT CATALOGUE



THE MILWAUKEE STORY

Milwaukee Tool is an industry leading designer, manufacturer and marketer of Heavy-Duty, portable power tools, hand tools and accessories, since its establishment in 1924 in Brookfield USA.

Milwaukee Tool is focused on a single vision:

To produce the best Heavy-Duty professional powertools.

Milwaukee Tool's reputation is based on the reliability, durability, high quality and high performance delivered by its power tools, hand tools and accessories since the company's formation.

Milwaukee Tool's ability to address user needs is based on extensive end user research, stringent benchmarking as well as demanding laboratory and in-field user testing.



1924

1st Hole-Shooter
Designed &
Manufactured
for Automotive
Assembly



1951

World's 1st
SAWZALL™
Reciprocating
Saw



1991

SUPER
SAWZALL™
Reciprocating
Saw
Low Vibration
Design



2010

REDLITHIUM™
BATTERY
Technology



2015

M18 FUEL™
SDS Plus
Hammer



2017

M18™ 9.0Ah
HIGH DEMAND™
Battery



2019

MX
FUEL™



MX FUEL™
REDLITHIUM™
Range of Tools

1949

Industry's 1st
1/2" Right-Angle
Drill



1977

1st MAGNUM™
Professional
Drill



2008

M12™ & M18™
Lithium-Ion
Range of Tools



2012

M18 FUEL™
Drilling Range



2016

M18™ FORCE
LOGIC™
M12™ & M18™
High Output
Lighting



2020

HIGH OUTPUT™
Battery





Nothing but **HEAVY DUTY.**[™]

FULL TRADE SOLUTION PROVIDER



REDLITHIUM[™] 2.0Ah/3.0Ah/4.0Ah/5.0Ah/6.0Ah/8.0Ah/12.0Ah

www.milwaukeetool.asia



EQUIPMENT REDEFINED TRADE FOCUSED SYSTEM WIDE



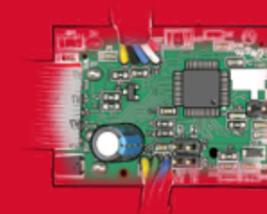
1 REDLITHIUM BATTERY PACK

- ⊕ Industry Leader in Lithium-Ion Technology
- ⊕ Designed to Protect Against Drops, Water and Harsh Environments
- ⊕ Robust Electronics Optimize Performance for Every Equipment and Battery Combination



2 REDLINK PLUS INTELLIGENCE

- ⊕ Leading System of Equipment Electronics in the Industry
- ⊕ Protects Equipment with Best in Class Thermal and Overload Monitoring
- ⊕ Delivers In-Application Communication, Optimizing Equipment Performance



3 POWERSTATE BRUSHLESS MOTOR

- ⊕ Engineered Uniquely for the Demands of Each Piece of Equipment
- ⊕ Optimized for the Perfect Combination of Performance, Portability and Productivity
- ⊕ Built With Maximized Copper and High Grade Rare Earth Magnet



MX FUEL

M18

M12

FORCE LOGIC

SITE LIGHTING

LIFESTYLE

OUTDOOR POWER EQUIPMENT

JOBSITE CLEANUP

BATTERY & CHARGER

TEST & MEASUREMENT

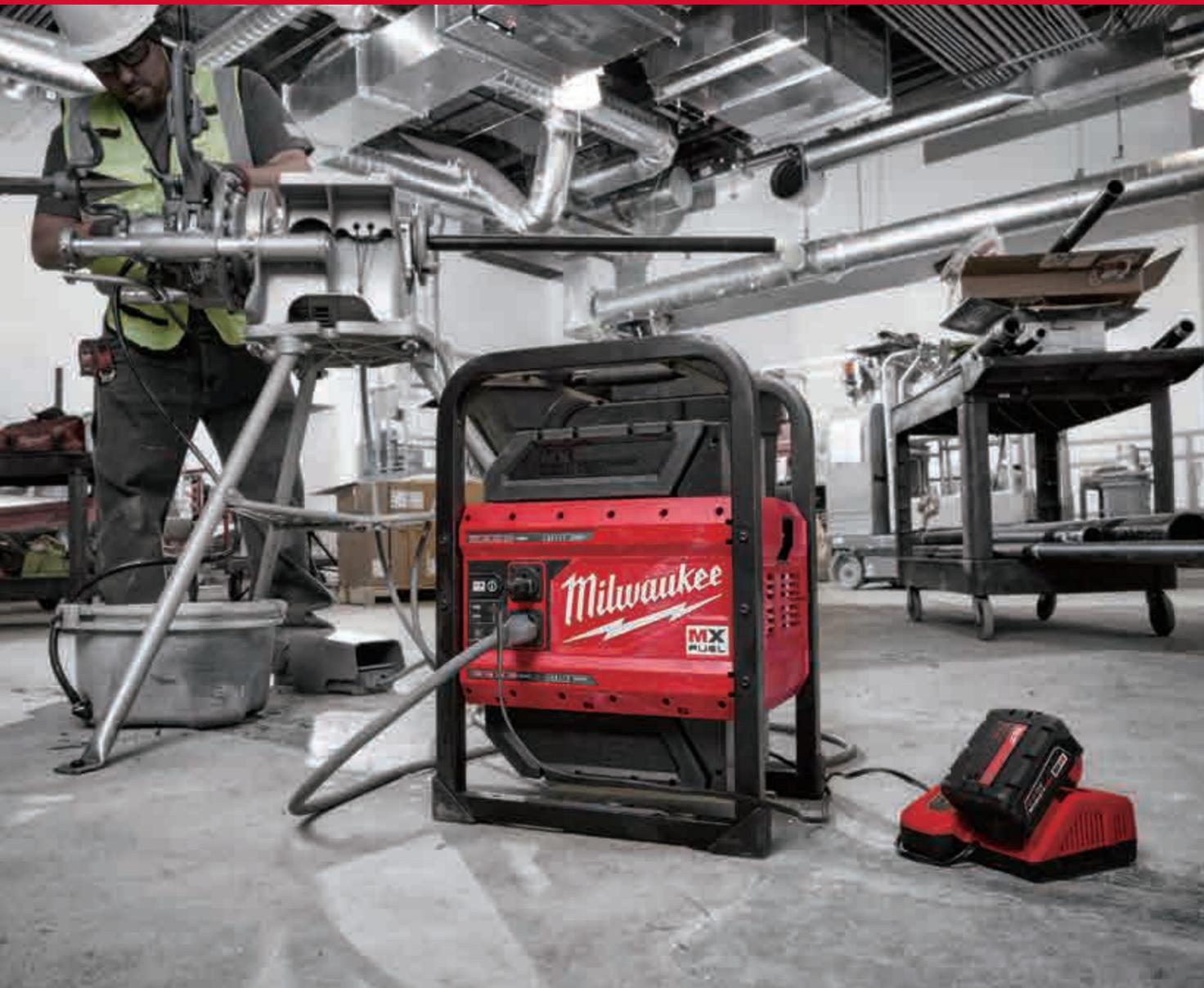
CORDED

HAND TOOLS

STORAGE & SAFETY SOLUTIONS

ACCESSORIES

EQUIPMENT REDEFINED



MX FUEL PORTABLE POWER SUPPLY

MXF PS

Starting Wattage (W)	3600
Running Wattage (W)	1800
Number of Outlets	2
Weight w/ 2 XC406 battery packs (kg)	28.2
Integrated Charger	Yes



MX FUEL TOWER LIGHT/CHARGER

MXF TL

Modes (AC)	High / Med / Low
Lumens	27,000 / 14,000 / 7,000
Modes (DC)	High / Med / Low
Lumens	20,000 / 10,000 / 5,000
Runtime w/ XC406 Battery Pack	3 / 6 / 10
Max Height (m)	3
Collapsed Height (m)	1.11
Weight without Battery Pack (kg)	48



MX FUEL 350mm / 14" CUT-OFF SAW

MXF COS350

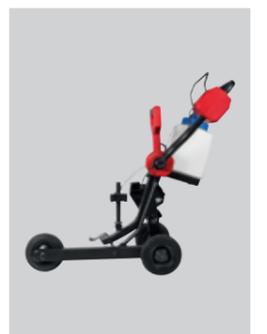
No Load Speed (rpm)	0-5,370
Disc Diameter	350mm / 14"
Max. Cutting Depth (mm)	125
Arbor Size (mm)	20 / 25.4/27
Weight w/ XC406 battery pack (kg)	16.7



MX FUEL CUT-OFF SAW CART

MXF COSC

Loading Capacity (kg)	69
Weight (kg)	26
Water Tank Capacity (L)	10.4



ACCESSORIES FOR MX FUEL 350MM / 14" CUT-OFF SAW

Type	Disc Diameter (mm)	Thickness (mm)	Bore Size (mm)	Part No.	Image
Premium Diamond Blade for Concrete	350	2.7	25.4	4932471985	
Diamond Blade for Concrete	350	3.3	25.4	4932471986	
Diamond Blade for Soft Concrete	350	3.3	25.4	4932471987	
SteelHead	350	3	25.4	4932471988	
Abrasive Wheel for Metal	350	4	25.4	4932471989	
Abrasive Wheel for Stone & Ductile	350	4	25.4	4932472264	
Diamond Blade for Asphalt	350	2.8	25.4	4932478952	
Diamond Blade for Concrete with Silent Technology	350	3.1	25.4	4932479462	

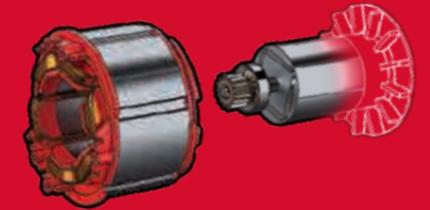


Nothing but **HEAVY DUTY.**[™]

M12 FUEL[™] M18 FUEL[™] DRIVEN TO OUTPERFORM.[™]

1 POWERSTATE[™] Brushless Motor

- + High application speed, torque and durability
- + Low noise and cool rapidly to deliver years of maintenance free performance



TOOL SPECIFIC MOTOR DESIGN



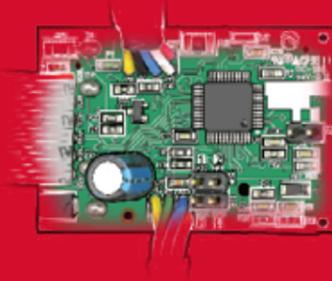
PERFORMANCE DRIVEN TRADE FOCUSED SYSTEM WIDE



Nothing but **HEAVY DUTY.**™

2 REDLINK PLUS Intelligence

- + Intelligence constantly monitors this internal network and maintains ideal conditions



3 REDLITHIUM Battery Pack

- + Compatible with wide range of cordless power tools, and accomplishes high performance and productivity
- + Deliver high power



REDLITHIUM™ **HEAVY DUTY** BATTERY TECHNOLOGY

TOTAL SYSTEM COMMUNICATION



BATTERY TECHNOLOGY

WATER PROTECTION BARRIER

Cordless tools are exposed to the elements on a daily basis, including rain. By guiding water out of the pack and applying an advanced coating over critical components, packs are better protected from corrosion. This leads to a more durable and longer lasting pack.

REDLINK ELECTRONICS

- + Full M18 system compatibility
- + Protection from abuse
- + Optimum tool and pack performance

Milwaukee battery packs are constantly communicating with the tools to monitor overload and temperature in abusive situations. REDLINK electronics also monitor discharge and charge analytics, which maintain performance and extend the life of the pack.

TEMP CONTROL FRAME

- + Extends runtime and life by minimizing heat
- + Operates below -18°C

Milwaukee continues to push the performance of cordless tools to high grade performance. This means the tools require higher amounts of energy than ever before, causing the battery to heat up faster. Milwaukee's exclusive design transfers energy efficiently, allowing the pack to run cool under heavy duty applications.

SHOCK RESPONSIVE SEPARATORS

- + Prevents pack failure from vibration or drops

Cordless tools that create high amounts of vibration (High Torque Impact Wrench, Rotary Hammer, SAWZALL) are abusive towards battery packs. Tools and batteries often fall from elevated surfaces, creating an isolated impact on the battery. The shock responsive separators create a more durable pack by taking stress off the welds on the temp control frame under these conditions.

MX FUEL
M18
M12
FORCE LOGIC
SITE LIGHTING
LIFESTYLE
OUTDOOR POWER EQUIPMENT
JOBSITE CLEANUP
BATTERY & CHARGER
TEST & MEASUREMENT
CORDED
HAND TOOLS
STORAGE & SAFETY SOLUTIONS
ACCESSORIES

PERFORMANCE DRIVEN



M18 FUEL PERCUSSION DRILL

Voltage	18V
No Load Speed Gear 1 (rpm)	0-550
No Load Speed Gear 2 (rpm)	0-2000
Chuck Capacity (mm)	13
Max. Drilling Masonry (mm)	16
Max. Drilling Steel (mm)	13
Max. Drilling Wood (mm)	89
Max. Percussion Rate (bpm)	32000
Max. Torque (Nm)	135
Weight w/ 5.0Ah Battery Pack (kg)	2.2



M18 FUEL DRILL DRIVER

Voltage	18V
No Load Speed Gear 1 (rpm)	0 - 550
No Load Speed Gear 2 (rpm)	0-2000
Speed Setting	2
Chuck Size (mm)	13
Length (mm)	175
Max. Drilling Steel (mm)	13
Max. Drilling Wood (mm)	89
Max. Torque (Nm)	135
Weight w/ 5.0Ah Battery Pack (kg)	2.2



M18 COMPACT BRUSHLESS PERCUSSION DRILL

Voltage	18V
No Load Speed Gear 1 (rpm)	0-500
No Load Speed Gear 2 (rpm)	0-1800
Chuck Capacity	13
Max Drilling Masonry (mm)	16
Max Drilling Steel (mm)	13
Max Drilling Wood (mm)	52
Max Percussion Rate (bpm)	27000
Max Torque	60
Weight w/ 5.0Ah Battery (kg)	1.8



M18 COMPACT PERCUSSION DRILL

Voltage	18V
No Load Speed Gear 1 (rpm)	0-450
No Load Speed Gear 2 (rpm)	0-1800
Chuck Capacity (mm)	13
Max. Drilling Masonry (mm)	16
Max. Drilling Steel (mm)	13
Max. Drilling Wood (mm)	38
Max. Percussion Rate (bpm)	28800
Max. Torque (Nm)	60
Weight w/ 4.0Ah Battery Pack (kg)	2.1



M18 COMPACT DRILL DRIVER

Voltage	18V
No Load Speed Gear 1 (rpm)	0-450
No Load Speed Gear 2 (rpm)	0-1800
Chuck Capacity (mm)	13
Max. Drilling Steel (mm)	13
Max. Drilling Wood (mm)	38
Max. Torque (Nm)	60
Weight w/ 4.0Ah Battery Pack (kg)	2.0



M18 COMPACT RIGHT ANGLE DRILL

Voltage	18V
No Load Speed	0-1500
Chuck Capacity (mm)	10
Max. Drilling Steel (mm)	10
Max. Drilling Wood (mm)	28
Max. Torque (Nm)	20
Weight w/ 4.0Ah Battery Pack (kg)	1.9



M18 FUEL DRYWALL SCREW GUN

Voltage	18V
No Load Speed (rpm)	4500
Torque (Nm)	13
Tool Reception	1/4" HEX
Max. Screw size (mm)	6
Weight w/ 2.0Ah Battery (kg)	1.6 (M18 FSG)
Weight w/ 2.0Ah Battery (kg)	2.0 (M18 FSGC)



M18 COLLATED ATTACHMENT

Voltage	18V
Wood screws (mm)	25-55



The Milwaukee Story
 MX FUEL
 M18
 M12
 Force Logic
 Site Lighting
 Lifestyle
 Outdoor Power Equipment
 Jobsite Cleanup
 Battery & Charger
 Test & Measurement
 Corded
 Hand Tools
 Storage & Safety Solutions
 Accessories

M18 FUEL 1/4" HEX IMPACT DRIVER

M18 FID2

Voltage	18V
No Load Speed (rpm)	0-1900, 0-2800 0-3600, 0-2600
Impact Rate (ipm)	0-1200, 0-3400 0-4300
Max. Bolt Diameter	M16
Max. Torque (Nm)	226
Tool Reception	1/4" Double End Bit
Weight w/ 5.0Ah Battery Pack (kg)	1.7



M18 FUEL SURGE 1/4" HEX HYDRAULIC DRIVER

M18 FQID

Voltage	18V
No Load Speed (rpm)	0-900, 0-2100 0-3000, 0-3000
Impact Rate (ipm)	0-1800, 0-2900 0-4000, 0-4000
Max. Bolt Diameter	M14
Max. Torque (Nm)	50
Tool Reception	1/4" Double End Bit
Weight w/ 5.0Ah Battery Pack (kg)	1.7



M18 COMPACT BRUSHLESS IMPACT DRIVER

M18 CBLID

Voltage	18V
No Load Speed (rpm)	0-3400
Impact Rate (ipm)	0-4200
Max. Bolt Diameter	M14
Max. Torque (Nm)	180
Tool Reception	1/4" HEX Double End Bit
Weight w/ 5.0Ah Battery Pack (kg)	1.7



M18 COMPACT RIGHT ANGLE IMPACT DRIVER

M18 BRAID

Voltage	18V
No Load Speed Gear 1 (rpm)	0-1500
No Load Speed Gear 2 (rpm)	0-2250
Impact Rate Gear 1 (ipm)	0-2400
Impact Rate Gear 2 (ipm)	0-3400
Max. Bolt Diameter	M18
Max. Torque (Nm)	81
Tool Reception	1/4" Hex
Weight w/ 5.0Ah Battery Pack (kg)	1.8



M18 1/4" HEX COMPACT IMPACT DRIVER

M18 BID

Voltage	18V
No Load Speed Gear 1 (rpm)	0-2000
No Load Speed Gear 2 (rpm)	0-2750
Impact Rate Gear 1 (ipm)	0-2450
Impact Rate Gear 2 (ipm)	0-3450
Max. Bolt Diameter	M14
Max. Torque (Nm)	180
Tool Reception	1/4" Double End Bit
Weight w/ 4.0Ah Battery Pack (kg)	1.7



M18 FUEL 3/8" COMPACT IMPACT WRENCH

M18 FIW2F38

Voltage	18V
No load speed (rpm)	0-800, 0-1650, 0-2400, 0-1000
Impact Rate	0-1000, 0-2400, 0-3500, N/A
Max. Bolt Diameter	M18
Anvil Type (Friction Ring)	3/8" Square
Max. Torque (Nm)	339
Weight w/ 5.0Ah Battery Pack (kg)	1.8



M18 FUEL 1/2" COMPACT IMPACT WRENCH

M18 FIW212

Voltage	18V
No load speed (rpm)	0-900, 0-1650, 0-2400, 0-1200
Impact Rate	0-1000, 0-2400, 0-3500, N/A
Max. Bolt Diameter	M18
Anvil Type (Friction Ring + Through Hole)	1/2" Square
Max. Torque (Nm)	339
Weight w/ 5.0Ah Battery Pack (kg)	1.8



M18 FUEL MID-TORQUE IMPACT WRENCH

M18 FMTIW2F12

Voltage	18V
No load speed (rpm)	0-1250, 0-1950, 0-2575, 0-1325
Impact Rate	0-900, 0-2100, 0-3100, N/A
Max. Bolt Diameter	M22
Anvil Type (Friction Ring)	1/2" Square
Max. Torque (Nm)	881
Weight w/ 5.0Ah Battery Pack (kg)	2.3



M18 FUEL 1/2" HIGH TORQUE IMPACT WRENCH

M18 FHIWF12

Voltage	18V
No Load Speed (rpm)	0-550, 0-1400 0-1750, 0-1750
Impact Rate (ipm)	0-950, 0-1750 0-2100, 0-2100
Max. Bolt Diameter	M33
Max. Nut Busting Torque (Nm)	1898
Max. Torque (Nm)	1356
Anvil Type (Friction Ring)	1/2" Square
Weight w/ 5.0Ah Battery Pack (kg)	3.3



M18 FUEL 3/4" HIGH TORQUE IMPACT WRENCH

M18 ONEFHIWF34

Voltage	18V
No Load Speed (rpm)	0-800, 0-1300 0-1800, 0-1800
Impact Rate (ipm)	0-850, 0-1850 0-2400, 0-2400
Max. Bolt Diameter	M33
Max. Nut Busting Torque (Nm)	2032
Max. Torque (Nm)	1627
Anvil Type (Friction Ring)	3/4" Square
Weight w/ 5.0Ah Battery Pack (kg)	3.5



M18 FUEL 1" HIGH TORQUE IMPACT WRENCH

M18 ONEFHIWF1

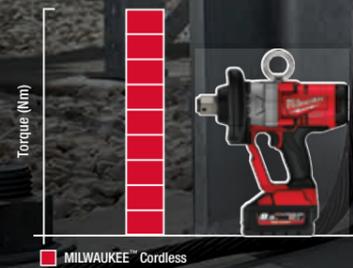
Voltage	18V
No Load Speed (rpm)	0-1000, 0-1100 0-1400, 0-1650
Impact Rate (ipm)	0-1330, 0-1620 0-2100, 0-2450
Max. Bolt Diameter	M42
Max. Nut Busting Torque (Nm)	2400
Max. Torque (Nm)	2033
Anvil Type (Friction Ring & Through Hole)	1" Square
Weight w/ 8.0Ah Battery Pack (kg)	5.9



UP TO 2,400 NM NUT-BUSTING TORQUE

- Most powerful cordless impact wrench
- Up to 2,033 Nm of fastening torque
- Remove and install up to M42 bolts

MORE TORQUE FOR DEMANDING APPLICATIONS



M18 FUEL 1" HIGH TORQUE IMPACT WRENCH

M18 FUEL 1" D-HANDLE HIGH TORQUE IMPACT WRENCH M18 ONEFHIWF1DS

Voltage	18V
No load speed (rpm)	0-600, 0-700, 0-900, 0-1200
Impact Rate (ipm)	0-750, 0-930, 0-1200, 0-1440
Max. Bolt Diameter	M48
Max. Nut Busting Torque (Nm)	2711
Max. Torque (Nm)	2576
Anvil Type (Friction Ring)	1" Square
Weight w/ 12.0Ah Battery Pack (kg)	11.34



M18 FUEL 1" D-HANDLE HIGH TORQUE IMPACT WRENCH M18 ONEFHIWF1D

Voltage	18V
No load speed (rpm)	0-600, 0-700, 0-900, 0-1200
Impact Rate (ipm)	0-750, 0-930, 0-1200, 0-1440
Max. Bolt Diameter	M48
Max. Nut Busting Torque (Nm)	2711
Max. Torque (Nm)	2576
Anvil Type (Friction Ring)	1" Square
Weight w/ 12.0Ah Battery Pack (kg)	12.34



M18 1/2" COMPACT IMPACT WRENCH M18 BIW12

Voltage	18V
No Load Speed (rpm)	0-2450
Impact Rate (ipm)	0-3350
Max. Bolt Diameter	M16
Max. Torque (Nm)	240
Anvil Type (Multi-Fit)	1/2" Square
Weight w/ 4.0Ah Battery Pack (kg)	1.9



M18 1/2" HEAVY DUTY IMPACT WRENCH WITH PIN DETENT / FRICTION RING HD18 HIW / HD18 HIWF

Voltage	18V
No Load Speed (rpm)	0-1900
Impact Rate (ipm)	0-2200
Max. Bolt Diameter	M24
Max. Torque (Nm)	610
Anvil Type (Pin Detent / Friction Ring)	1/2" Square
Weight w/ 4.0Ah Battery Pack (kg)	3.0



M18 COMPACT RIGHT ANGLE IMPACT WRENCH M18 BRAIW

Voltage	18V
No Load Speed Gear 1 (rpm)	0-1500
No Load Speed Gear 2 (rpm)	0-2250
Impact Rate Gear 1 (ipm)	0-2400
Impact Rate Gear 2 (ipm)	0-3400
Max. Bolt Diameter	M18
Max. Torque (Nm)	76
Anvil Type (Friction Ring)	3/8" Square
Weight w/ 4.0Ah Battery Pack (kg)	1.9



M18 FUEL RIVET TOOL M18 FRT

Voltage	18V
Max. Pulling Force (N)	20000
Rivet Diameter Range (mm)	4.8-7.0
Rivet Diameter (mm)	4.8, 6.0, 6.4, 7.0
Stroke Length (mm)	30
Weight w/ 2.0Ah Battery Pack (kg)	2.5



ELIMINATES COMPRESSORS & GENERATORS

- No routine maintenance and reduced energy consumption for an overall lower cost of ownership
- No cords or hoses for greater portability and increased access
- No tripping hazards

LOWER COST OF OWNERSHIP



GREATER PORTABILITY



LIGHTWEIGHT AT ONLY 5.9 KG

- Easier overhead use for reduced user fatigue
- Superior balance for better control

LESS USER FATIGUE



UP TO 2,711 NM NUT-BUSTING TORQUE

- Provides up to 2,600Nm power to tighten M48+ bolts
- Delivers up to 2,711 Nm nut-busting torque to breakaway stubborn fasteners

POWER TO INSTALL
M50+ BOLTS



M18 FUEL
1" D-HANDLE
HIGH TORQUE
IMPACT WRENCH

UP TO 2,711 NM NUT-BUSTING TORQUE

- Power to install M48+ Bolts, completing heavy equipment maintenance
- Delivers up to 2,711 Nm nut-busting torque to breakaway rusted and over-torqued commercial lug nuts

POWER TO COMPLETE HEAVY
EQUIPMENT MAINTENANCE



M18 FUEL
1" D-HANDLE EXTENDED
ANVIL HIGH TORQUE
IMPACT WRENCH

ELIMINATES COMPRESSORS & HOSES

- Allows access to remote jobsite without sacrificing power or performance
- Eliminates compressors and hoses to increase portability and access, lower cost of ownership and increase jobsite safety

INCREASED PRODUCTIVITY



INCREASED
PORTABILITY

NO TRIPPING
HAZARD

NO ROUTINE
MAINTENANCE



ELIMINATES COMPRESSORS & HOSES

- Allows access to remote jobsite without sacrificing power or performance
- Eliminates compressors and hoses to increase portability and access, lower cost of ownership and increase jobsite safety

INCREASED PRODUCTIVITY



INCREASED
PORTABILITY

NO TRIPPING
HAZARD

NO ROUTINE
MAINTENANCE



UP TO 200 BOLTS PER CHARGE

- Enables user to fasten up to 200 M30 bolts per charge with REDLITHIUM HIGH OUTPUT 12.0 Ah battery, delivering the runtime needed for demanding applications

UNMATCHED PERFORMANCE



REDLITHIUM™
HIGH OUTPUT 12.0 Ah



REMOVE & INSTALL UP TO 120 LUG NUTS

- Remove & install up to 120 commercial lug nuts
- Maximum performance with REDLITHIUM High Output 12.0 Ah Battery
- No downtime with 2x high output 12.0 Ah batteries & rapid charger

UNMATCHED PERFORMANCE



REDLITHIUM™
HIGH OUTPUT 12.0 Ah



M18 FUEL 26 MM SDS-PLUS ROTARY HAMMER (3-MODE)

M18 FH / M18 FHX

Voltage	18V
Impact energy(J)	2.7
Max. Hammer Rate (bpm)	0-4800
No Load Speed (rpm)	0-1330
Max. Drilling Concrete (mm)	26
Max. Drilling Steel (mm)	13
Max. Drilling Wood (mm)	28
Vibration Drilling (m/s ²)	12.87
Vibration Chiseling (m/s ²)	13.41
Weight w/ 5.0Ah Battery Pack (kg)	3.7 / 3.9 (FIXTEC)



M18 FUEL 26 MM HAMMERVERAC DUST EXTRACTOR

M18 FDDEXL (FOR M18 FH & FHX)

Voltage	18V
Max. Drill Bit Diameter (mm)	26
Max. Drill Bit length (mm)	210
Max. Drilling Depth (mm)	152
Stroke Length (mm)	152
Weight (kg)	1.9



M18 FUEL 32 MM SDS-PLUS ROTARY HAMMER (3-MODE)

M18 FHP / M18 FHPX

Voltage	18V
Impact energy(J)	5
Max. Hammer Rate (bpm)	0-4600
No Load Speed (rpm)	0-800
Max. Drilling Concrete (mm)	32
Max. Drilling Steel (mm)	13
Max. Drilling Wood (mm)	30
Vibration Drilling (m/s ²)	6.9
Vibration Chiseling (m/s ²)	7.4
Weight w/ 5.0Ah Battery Pack (kg)	4.5 / 4.7 (FIXTEC)



M18 FUEL 32MM HAMMERVERAC DUST EXTRACTOR

M18 FPDDEXL (FOR M18 FHP & FHPX)

Voltage	18V
Max. Drill Bit Diameter (mm)	32
Max. Drill Bit length (mm)	260
Max. Drilling Depth (mm)	203
Stroke Length (mm)	203
Weight (kg)	2.0



M18 FUEL 5 KG SDS-MAX DRILLING AND BREAKING HAMMER

M18 CHM

Voltage	18V
Impact Energy(J)	6.1
Max. Hammer Rate (bpm)	0-3000
No Load Speed (rpm)	0-450
Max. Drilling Concrete (mm)	40
Max. Drilling Core Bit (mm)	100
Max. Drilling Tunnel Bit (mm)	65
Vibration Drilling (m/s ²)	10.6
Vibration Chiseling (m/s ²)	9.6
Weight w/ 9.0Ah Battery Pack (kg)	6.6



M18 FUEL 8 KG SDS-MAX DRILLING AND BREAKING HAMMER

M18 FHM

Voltage	18V
Impact Energy(J)	11
Max. Hammer Rate (bpm)	0-2900
No Load Speed (rpm)	0-380
Max. Drilling Concrete (mm)	45
Max. Drilling Core Bit (mm)	150
Max. Drilling Tunnel Bit (mm)	65
Vibration Drilling (m/s ²)	9.4
Vibration Chiseling (m/s ²)	7.8
Weight w/ 12.0Ah Battery Pack (kg)	10.2



M18 FUEL 1.2 M NEEDLE CONCRETE VIBRATOR

M18 FCVN12

Voltage	18V
Vibrations Per Minute (VPM)	0-12000
Vibrator Diameter (mm)	26
Flexible Shaft Length (m)	1.2
Weight w/ 5.0Ah Battery Pack (kg)	4.7



M18 FUEL 2.4 M NEEDLE CONCRETE VIBRATOR

M18 FCVN24

Voltage	18V
Vibrations Per Minute (VPM)	0-12000
Vibrator Diameter (mm)	26
Flexible Shaft Length (m)	2.4
Weight w/ 5.0Ah Battery Pack (kg)	6.2



M18 COMPACT SDS-PLUS ROTARY HAMMER (2-MODE)

M18 BH

Voltage	18V
Impact Energy(J)	1.2
Max. Hammer Rate (bpm)	0-7000
No Load Speed (rpm)	0-1300
Max. Drilling Concrete (mm)	16
Max. Drilling Steel (mm)	10
Max. Drilling Wood (mm)	16
Vibration Drilling (m/s ²)	10.3
Weight w/ 5.0Ah Battery Pack (kg)	2.5



M18 COMPACT SDS-PLUS ROTARY HAMMER (3-MODE)

HD18 H / HD18 HX

Voltage	18V
Impact Energy(J)	2.4
Max. Hammer Rate (bpm)	0-4200
No Load Speed (rpm)	0-1400
Max. Drilling Concrete (mm)	24
Max. Drilling Steel (mm)	13
Max. Drilling Wood (mm)	30
Vibration Drilling (m/s ²)	12.2
Vibration Chiseling (m/s ²)	7.4
Weight w/ 5.0Ah Battery Pack (kg)	3.25



M18 FUEL 230 MM CUT OFF SAW

M18 FCOS230

Voltage	18V
No Load Speed (rpm)	0-6600
Disc Diameter (mm)	230
Max. Cutting Depth (mm)	85
Arbor Size (mm)	22.2
Weight w/ 12.0Ah Battery Pack (kg)	6.2



M18 FUEL HIGH PERFORMANCE 150MM BRAKING GRINDER

M18 FHSAG150XPDB

Voltage	18V
No Load Speed (rpm)	0-9000
Disc Diameter (mm)	150
Max. Cutting Depth (mm)	45
Spindle Size	M14
Switch Type	Paddle Switch
Rapid Stop	Yes
Line Lock Out Function	Yes
Weight w/ 8.0Ah Battery Pack (kg)	3.5



M18 FUEL 180-230MM LARGE ANGLE GRINDER

M18 FLAG230XPDB

Voltage	18V
No Load Speed (rpm)	0-6600
Disc Diameter (mm)	180-230
Max. Cutting Depth (mm)	65
Spindle Size	M14
Switch Type	Paddle Switch
Line Lock Out Function	Yes
Weight w/ 12.0Ah Battery Pack (kg)	5.3



M18 FUEL DIE GRINDER

M18 FDG

Voltage	18V
No Load Speed (rpm)	0-27000
Collet Diameter (mm)	6/8
Max. Grinding Accessories Dia. (mm)	50
Switch Type	Slide Switch
Weight w/ 5.0Ah Battery Pack (kg)	2.1



M18 125MM ANGLE GRINDER

HD18 AG125

Voltage	18V
No Load Speed (rpm)	0-9000
Disc Diameter (mm)	125
Max. Cutting Depth (mm)	33
Spindle Size	M14
Switch Type	Paddle Switch
Weight w/ 4.0Ah Battery Pack (kg)	2.2



M18 FUEL COMPACT BANDSAW

M18 FBS85

Voltage	18V
No Load Speed (m/min)	0-164.59
Blade Length (mm)	899
Cutting Capacity Rectangular Stock (mm)	85 x 85
Cutting Capacity Pipe (mm)	Ø 85
Weight w/ 2.0Ah Battery Pack (kg)	3.9



M18 FUEL 125MM DEEP CUT BANDSAW

M18 CBS125

Voltage	18V
No Load Speed (m/min)	0-116
Blade Length (mm)	1139.8
Max. Cutting Capacity (mm)	125 x 125
Weight w/ 5.0Ah Battery Pack (kg)	7.3



ACCESSORIES

Compact Bandsaw Blade Cover

49-90-2829 Designed for M18 FBS85



ACCESSORIES

Deep Cut Bandsaw Blade Cover

49-90-2729 Designed for M18 CBS125



M18 FUEL 355MM ABRASIVE CHOP SAW

M18 CHS355

Voltage	18V
No Load Speed (rpm)	4,000
Blade Diameter (mm)	355
Arbor Size (mm)	25.44
Maximum Cutting Capacity - Round Material (O.D) (mm)	125
Maximum Cutting Capacity - Square Material (O.D) (mm)	100
Weight w/ 12.0Ah Battery Pack (kg)	20.8



6" LEVELING TRIPOD CHAIN VISE

48-22-8690

- Pipe Capacity: 1/8" - 6"
- Stability Adjustment: STABLE LOK™
- Leveling Adjustment: +/- 3 Degrees
- Storage & Transport Profile: Flat, Briefcase-style
- Storage Height: 125.8cm
- Storage Depth: 13.4cm



M18 FUEL METAL SAW

M18 FMCS

Voltage	18V
No Load Speed (rpm)	0-3900
Blade Diameter (mm)	150
Arbor Size (mm)	20
Max. Cutting Capacity	
Steel Plate (mm)	6.5
Metal Pipe (mm)	57
Weight w/ 5.0Ah Battery Pack (kg)	2.8



M18 FUEL 203MM METAL CUTTING SAW

M18 FMCS66

Voltage	18V
No Load Speed (rpm)	4000
Blade Diameter (mm)	203
Arbor Size (mm)	15.87
Max. Cutting Depth (mm)	66
Max. Cutting Capacity	
Steel Plate (mm)	25
Angle Iron (mm)	63.5 X 63.5 X 6.35
Metal Pipe (mm)	Ø 50
Sections (mm)	66
Weight W/ 8.0Ah Battery Pack (kg)	6.9



M18 METAL SHEAR

M18 BMS

Voltage	18V
No Load Speed (rpm)	0-2500
Max. Cutting Capacity	
Steel Plate (mm)	1.2
Aluminium (mm)	2.0
Min. Cutting Radius (mm)	76
Weight w/ 5.0Ah Battery Pack (kg)	2.6



M18 METAL SHEAR

M18 BMS20

Voltage	18V
No Load Speed (rpm)	0-2500
Max. Cutting Capacity	
Steel Plate (mm)	2.0
Aluminium (mm)	3.2
Min. Cutting Radius (mm)	180
Weight w/ 4.0Ah Battery Pack (kg)	2.9



M18 FUEL 21 DEGREE FRAMING NAILER

M18 FFN21

Voltage	18V
Collation angle (°)	21
Fastener type	Full Round Head Nail
Fastener Diameter (mm)	2.9 - 3.8
Fastener Length min/max (mm)	50/90
Magazine capacity (nails)	43
Mode	Sequential / Bump
LED Light	Yes
Weight w/ 5.0Ah battery pack (kg)	5.3



ACCESSORIES

Extended Capacity Magazine

48-08-2744 Designed for M18 FFN21



M18 FUEL 18GA FINISH NAILER

M18 FN18GS

Voltage	18V
Collation angle (°)	0
Fastener Type	Brad
Fastener Diameter (18Ga)	1.02mm
Fastener Length (mm)	15-54
Magazine Capacity	110 Nails
Mode	Sequential / Bump
Weight w/ 2.0Ah Battery Pack (kg)	2.9



M18 FUEL 7.6L COMPACT AIR COMPRESSOR

M18 FAC

Voltage	18V
Air Tank Capacity (L)	7.6
Max. Air Pressure	9.31 bar / 135 psi
Approx. Cut in Pressure	7.2 bar / 105 psi
Approx. Cut out Pressure	9.3 bar / 135 psi
Free Air Delivery	48 L/min at 2.8 bar
Quick Connect type	1/4" Nitto
Sound Level (dBA)	68
Pump Type	Oil Free
Regulator	Single Turn
Weight w/ 5.0Ah battery pack (kg)	14.7



**M18 FUEL
190MM MITRE SAW**

M18 FMS190

Voltage	18V
No Load Speed (rpm)	0-5000
Blade Diameter (mm)	190
Bore Size (mm)	19
Mitre Capacity Left/Right (°)	48/48
Bevel Capacity Left/Right (°)	48/48
Weight w/ 5.0Ah Battery Pack (kg)	12.7



**M18 FUEL
254MM MITRE SAW**

M18 FMS254

Voltage	18V
No Load Speed (rpm)	0-4000
Blade Diameter (mm)	254
Bore Size (mm)	25.4
Mitre Capacity Left/Right (°)	50/60
Bevel Capacity Left/Right (°)	48/48
Weight w/ 5.0Ah Battery Pack (kg)	20



**M18 FUEL
305MM MITRE SAW**

M18 FMS305

Voltage	18V
No Load Speed (rpm)	0-3600
Blade Diameter (mm)	305
Bore Size (mm)	25.4
Mitre Capacity Left/Right (°)	50/60
Bevel Capacity Left/Right (°)	48/48
Weight w/ 12.0Ah Battery Pack (kg)	23



ACCESSORIES

Mitre Saw Stand	
MSL 2000	Designed for M18 FMS190, M18 FMS254, M18 FMS305



**M18 FUEL
210MM TABLE SAW**

M18 FTS210

Voltage	18V
Saw Blade Diameter (mm)	210
Bore Size (mm)	25.4
Max. Cutting Depth (mm) 0°/45°	63.5 / 44
Max. Bevel Angle (°)	47
Distance Between Rip Fence and saw blade	
Left (mm)	310
Right (mm)	525 / 622
Weight w/12.0Ah battery pack (kg)	22.3



ACCESSORIES

Table Saw Stand	
TSS 1000	Designed for M18 FTS210



**M18 FUEL
165MM CIRCULAR SAW**

M18 CCS55

Voltage	18V
No Load Speed (rpm)	0-5000
Blade Diameter (mm)	165
Bore Size (mm)	15.87
Max. Cutting Depth 90° (mm)	55
Max. Cutting Depth 45° (mm)	41
Weight w/ 5.0Ah Battery Pack (kg)	3.2



**M18 FUEL
190MM CIRCULAR SAW**

M18 CCS66

Voltage	18V
No Load Speed (rpm)	0-5000
Blade Diameter (mm)	190
Bore Size (mm)	30
Max. Cutting Depth 90° (mm)	66
Max. Cutting Depth 45° (mm)	48
Weight w/ 5.0Ah Battery Pack (kg)	4.2



**M18 FUEL
190MM CIRCULAR SAW**

M18 FCS66

Voltage	18V
No Load Speed (rpm)	0-5800
Blade Diameter (mm)	190
Bore Size (mm)	30
Max. Cutting Depth 90° (mm)	66
Max. Cutting Depth 45° (mm)	48
Max. Bevel Capacity (°)	50
Weight w/ 12.0Ah Battery Pack (kg)	5.4



**M18 FUEL 190MM
REAR HANDLE CIRCULAR SAW**

M18 FCSRH66

Voltage	18V
No Load Speed (rpm)	0-5800
Blade Diameter (mm)	190
Bore Size (mm)	30
Max. Cutting Depth 90° (mm)	66
Max. Cutting Depth 45° (mm)	48
Max. Bevel Capacity (°)	53
Weight w/ 12.0Ah Battery Pack (kg)	6.2



**M18 FUEL
TRIM ROUTER**

M18 FTR

Voltage	18V
No Load Speed (rpm)	10000-31000
Max. Bit Diameter (mm)	38
Collet Diameter (mm)	6 or 1/4" (6.35)
Bit Brake	Yes
LED	Yes
Dust Shroud	Yes
Weight w/ 5.0Ah Battery Pack (kg)	2.1



ACCESSORIES

Compact Router Plunge Base	
48105601	Designed for M18 FTR



Compact Router Offset Base	
48105602	Designed for M18 FTR



**M18 FUEL
BODY GRIP JIGSAW**

M18 FBJS

Voltage	18V
No Load Stroke Rate(spm)	800-3500
Stroke Length (mm)	25
Bevel Cut Angle (°)	45
Max. Cutting Depth (mm)	
Wood	100
Aluminium	19
Steel	10
Weight w/5.0Ah battery pack (kg)	2.8



**M18 FUEL
TOP HANDLE JIGSAW**

M18 FJS

Voltage	18V
No Load Stroke Rate (spm)	0-3500
Stroke Length (mm)	25
Bevel Cut Angel (°)	45
Max. Cutting Depth (mm)	
Wood	100
Steel	10
Weight w/ 5.0Ah Battery Pack (kg)	2.9



**M18
TOP HANDLE JIGSAW**

M18 BJS

Voltage	18V
No Load Stroke Rate (spm)	0-2800
Stroke Length (mm)	25
Bevel Cut Angel (°)	45
Max. Cutting Depth (mm)	
Wood	55
Steel	10
Weight w/ 5.0Ah Battery Pack (kg)	2.5



**M18 FUEL
MULTI TOOL**

M18 FMT

Voltage	18V
No Load Speed (OPM)	10000-20000
Oscillation Angle Left/Right (°)	2.1/2.1
Tool Free Blade Change	Yes
LED Light	Yes
Weight w/5.0Ah battery pack (kg)	1.9



**M18
MULTI TOOL**

M18 BMT

Voltage	18V
No Load Speed (OPM)	12000-18000
Oscillation Angle Left/Right (°)	1.5/1.5
Tool Free Blade Change	Yes
LED Light	Yes
Weight w/5.0Ah battery pack (kg)	1.9



**M18
125MM RANDOM ORBITAL SANDER** M18 BOS125

Voltage	18V
Oscillation Diameter (mm)	2.4
Oscillation Rate (opm)	14000-24000
Sanding Pad Size (mm)	125
Weight w/ 5.0Ah Battery Pack (kg)	1.6



**M18
1/4 SHEET SANDER**

M18 BQSS

Voltage	18V
No Load Speed (OPM)	11000 - 13000
Orbit Travel Diameter (mm)	1.6
Grinding Plate Size (mm)	113 x 104
Weight w/ 5.0Ah Battery Pack (kg)	2



**M18
PLANER**

M18 BP

Voltage	18V
No Load Speed (rpm)	0-14000
Planing Width (mm)	82
Adjustable Depth (mm)	0-2
Rabbet Depth (mm)	10.7
Weight w/ 4.0Ah Battery Pack (kg)	3.5



**M18 BRUSHLESS
THREADED ROD CUTTER**

M18 BLTRC

Voltage	18V
Cutting Capacity Mild Steel	1/4", 3/8", 1/2"
Cutting Capacity Stainless Steel	1/4", 3/8"
Style	Shear
LED	Yes
Blades	Replacable Cutting Dies
Length	1-1/2"
Weight w/ 2.0Ah Battery Pack (kg)	3.2



**M18 FUEL
POWERED FISH TAPE**

Voltage	18V
No load speed (rpm)	0-37
Non-Conductive Drum tape length (m)	30
Non-Conductive Drum tape material	Polyester
Weight w/ 2.0Ah battery pack (kg)	6.4



**M18
CUT OUT TOOL**

M18 FPFT

Voltage	18V
No Load Speed (rpm)	0-28000
Spiral Cutting bits	1/8" (3.1 mm) and 1/4" (6.3 mm) shanks
Adjustable Shoe	Yes
LED Light	Yes
Weight w/ 5.0Ah battery pack (kg)	1.5



**M18
COMPACT TRANSFER PUMP**

M18 BTP

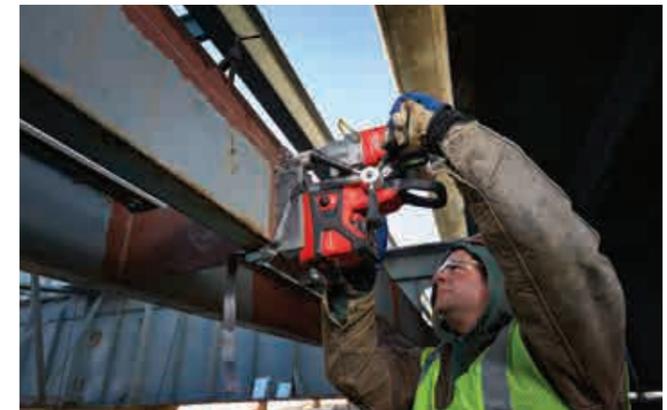
Voltage	18V
Flow rate (l/h)	1817
Flow rate (l/m)	30.3
IP protection class	IP54
Max. head height (m)	23
Max suction height (m)	5.5
Max water temperature (°C)	60
Thread size (mm)	3/4"(19 mm) Male BSPT
Weight w/ 5.0Ah Battery Pack (kg)	4.1



**M18 FUEL
38MM MAGNETIC DRILL**

M18 FMDP

Voltage	18V
No Load Speed Gear 1 (rpm)	0-400
No Load Speed Gear 2 (rpm)	0-690
Stroke Length (mm)	146
Mag. Holding Power (at drill point pressure) (N)	8890
Max. Depth Broaching Capacity (mm)	50
Max. Diameter Broaching Capacity (mm)	38
Max. Drilling Solid bit (mm)	13
Weight w/ 5.0Ah Battery Pack (kg)	13



**M18 FUEL
MUD MIXER**

M18 FPM (M14 Spindle) / M18 FPMC (Chuck)

Voltage	18V
No Load Speed (rpm)	0-550
Max. Torque (Nm)	136
Variable Speed Trigger	Yes
Variable Speed Dial	Yes
Lock-On Button	Yes
Auxiliary Handle Rotation	180°
Weight w/ 5.0Ah Battery Pack (kg)	3.0



**M18 FUEL 15MM
RANDOM ORBITAL POLISHER**

M18 FROP15

Voltage	18V
No Load Speed (rpm)	2650-5100
Backing Pad Diameter (mm)	125
Orbit (mm)	15
Dimensions (mm) (L x W x H)	420 x 117 x 132
Variable Speed	Yes
Weight w/ 8.0Ah Battery Pack (kg)	3.65



**M18 FUEL 21MM
RANDOM ORBITAL POLISHER**

M18 FROP21

Voltage	18V
No Load Speed (rpm)	2400-4500
Backing Pad Diameter (mm)	150
Orbit (mm)	21
Dimensions (mm) (L x W x H)	437 x 150 x 138
Variable Speed	Yes
Weight w/ 8.0Ah Battery Pack (kg)	3.77



**M18 FUEL
POLISHER**

M18 FAP180

Voltage	18V
No Load Speed (rpm)	360-2200
Max. Polishing Backing Pad Diameter (mm)	125
Max. Polishing Pad Diameter (mm)	180
Spindle Size	M14
Variable Speed	Yes
Weight w/ 5.0Ah Battery Pack (kg)	3.1



**M18
INFLATOR**

M18 BI

Voltage	18V
No Load Air Delivery (L/min)	40
Max. Pressure (bar/ PSI)	10.3/ 150
Hose Length (cm)	92
Guage Accuracy	+/-1 PSI
Duty Cycle	33% @80 PSI (20min On/ 40 min Off)
Dimensions (mm) (L x W x H)	350 x 160 x 190
Wight w/ 2.0 Ah Battery Pack (kg)	3.25



**M18
HEAT GUN**

M18 BHG

Voltage	18V
Temperature (°C)	470
Air Flow (l/min)	170
Length (mm)	163
Weight w/ 5.0Ah Battery Pack (kg)	1.6



**M18
GREASE GUN**

M18 GG

Voltage	18V
Max. Operating Pressure	690
Length (mm)	406
LED Light	Yes
FUEL Gauge	Yes
Weight w/ 4.0Ah Battery Pack (kg)	3.3



**MX FUEL
M18
M12
FORCE LOGIC
SITE LIGHTING
LIFESTYLE
OUTDOOR POWER EQUIPMENT
JOBSITE CLEANUP
BATTERY & CHARGER
TEST & MEASUREMENT
CORDED
HAND TOOLS
STORAGE & SAFETY SOLUTIONS
ACCESSORIES**

PORTABLE PRODUCTIVITY



**M12 FUEL
INSTALLATION DRILL DRIVER**

M12 FDDXKIT

Voltage	12V
No Load Speed Gear 1 (rpm)	0-400
No Load Speed Gear 2 (rpm)	0-1600
Chuck (mm)	10 (all metal ratcheting chuck)
Magnetic Bit Holder	Yes
Length (mm)	130
Max. Torque (Nm)	34
Weight w/ 2.0Ah Battery Pack (kg)	0.9



**M12 FUEL
COMPACT PERCUSSION DRILL**

M12 FPD

Voltage	12V
No Load Speed Gear 1 (rpm)	0-450
No Load Speed Gear 2 (rpm)	0-1700
Chuck Capacity (mm)	13
Max. Drilling Masonry (mm)	13
Max. Drilling Steel (mm)	13
Max. Drilling Wood (mm)	35
Max. Percussion Rate (bpm)	25500
Max. Torque (Nm)	44
Weight w/ 6.0Ah Battery Pack (kg)	1.47



**M12 FUEL
COMPACT DRILL DRIVER**

M12 FDD

Voltage	12V
No Load Speed Gear 1 (rpm)	0-450
No Load Speed Gear 2 (rpm)	0-1700
Chuck Capacity (mm)	13
Max. Drilling Masonry (mm)	N/A
Max. Drilling Steel (mm)	13
Max. Drilling Wood (mm)	35
Max. Percussion Rate (bpm)	N/A
Max. Torque (Nm)	44
Weight w/ 6.0Ah Battery Pack (kg)	1.46



**M12
COMPACT PERCUSSION DRILL**

M12 BPD

Voltage	12V
No Load Speed Gear 1 (rpm)	0-400
No Load Speed Gear 2 (rpm)	0-1500
Chuck Capacity (mm)	10
Max. Drilling Masonry (mm)	10
Max. Drilling Steel (mm)	10
Max. Drilling Wood (mm)	22
Max. Percussion Rate (bpm)	22500
Max. Torque (Nm)	38
Weight w/ 2.0Ah Battery Pack (kg)	1.2



**M12
COMPACT DRILL DRIVER**

M12 BDD

Voltage	12V
No Load Speed Gear 1 (rpm)	0-400
No Load Speed Gear 2 (rpm)	0-1500
Chuck Capacity (mm)	10
Max. Drilling Steel (mm)	10
Max. Drilling Wood (mm)	22
Max. Torque (Nm)	38
Weight w/ 2.0Ah Battery Pack (kg)	1.2



**M4
1/4" HEX SCREWDRIVER**

M4 D

Voltage	4V
No Load Speed Gear 1 (rpm)	0-200
No Load Speed Gear 2 (rpm)	0-600
Max. Drilling Steel (mm)	3
Max. Drilling Wood (mm)	6
Max. Torque (Nm)	5
Weight w/ 2.0Ah Battery Pack (kg)	0.5



**M12
COMPACT RIGHT ANGLE DRILL**

C12 RAD

Voltage	12V
No Load Speed (rpm)	0-800
Chuck Capacity (mm)	10
Max. Drilling Steel (mm)	10
Max. Drilling Wood (mm)	22
Max. Torque (Nm)	12
Weight w/ 2.0Ah Battery Pack (kg)	1.1



**M12 FUEL
1/4" HEX COMPACT IMPACT DRIVER**

M12 FID

Voltage	12V
No Load Speed (rpm)	0-1300, 0-2400 0-3300, 0-3300
Impact Rate (ipm)	0-4000
Max. Torque (Nm)	147
Weight w/ 6.0Ah Battery Pack (kg)	1.2



**M12 FUEL SURGE
1/4" HEX HYDRAULIC DRIVER**

M12 FQID

Voltage	12V
No Load Speed (rpm)	0-1100, 0-2200 0-3200, 0-3200
Impact Rate (ipm)	0-950, 0-2200 0-3400, 0-3400
Length (mm)	140
LED Light	Yes
Fuel Gauge	Yes
Max. Torque (Nm)	50
Weight w/ 6.0Ah Battery Pack (kg)	1.3



**M12 FUEL
1/4" HEX COMPACT 2 SPEED DRIVER**

M12 CD

Voltage	12V
No Load Speed Gear 1 (rpm)	0-450
No Load Speed Gear 2 (rpm)	0-1700
Max. Drilling Steel (mm)	10
Max. Drilling Wood (mm)	25
Max. Torque (Nm)	37
Weight w/ 2.0Ah Battery Pack (kg)	1.4



**M12
1/4" HEX COMPACT DRIVER**

M12 BD

Voltage	12V
No Load Speed Gear 1 (rpm)	0-400
No Load Speed Gear 2 (rpm)	0-1500
Chuck Capacity (mm)	6
Max. Drilling Steel (mm)	10
Max. Drilling Wood (mm)	22
Max. Torque (Nm)	30
Weight w/ 2.0Ah Battery Pack (kg)	1.0



**M12
1/4" HEX COMPACT IMPACT DRIVER**

M12 BID

Voltage	12V
No Load Speed (rpm)	0-2500
Impact Rate (ipm)	0-3300
Tool Reception	1/4" Hex Double End Bit
Max. Torque (Nm)	112
Weight w/ 2.0Ah Battery Pack (kg)	1.0



**M12
1/4" HEX RIGHT ANGLE IMPACT DRIVER**

M12 BRAID

Voltage	12V
No Load Speed (rpm)	0-2425
Impact Rate (ipm)	0-3300
Tool Reception	1/4" Hex Single End Bit
Max. Torque (Nm)	68
Weight w/ 2.0Ah Battery Pack (kg)	1.1



M12 FUEL SDS-PLUS ROTARY HAMMER (2-MODE)

M12 CH

Voltage	12V
Impact Energy(J)	1.1
Max. Hammer Rate (bpm)	0-6575
No Load Speed (rpm)	0-900
Max. Drilling Concrete (mm)	13
Max. Drilling Steel (mm)	10
Max. Drilling Wood (mm)	13
Vibration Drilling (m/s^2)	4.4
Weight w/ 6.0Ah Battery Pack (kg)	1.9



M12 HAMMERVAC™ UNIVERSAL DUST EXTRACTOR

M12 UDEL

Voltage	12V
Max. Drill Bit Diameter (mm)	30
Max. Drill Bit length (mm)	210
Max. Drilling Depth (mm)	203
Stroke Length (mm)	203
Weight w/ 6.0Ah battery pack (kg)	2.5



M12 FUEL COMPACT HACKZALL

M12 CHZ

Voltage	12V
No Load Stroke Rate (spm)	0-3000
Stroke Length (mm)	15.9
Weight w/ 4.0Ah Battery Pack (kg)	1.6



M12 COMPACT HACKZALL

C12 HZ

Voltage	12V
No Load Stroke Rate (spm)	0-3000
Stroke Length (mm)	13
Weight w/ 2.0Ah Battery Pack (kg)	1.2



M12 COMPACT BANDSAW

M12 BS

Voltage	12V
No Load Speed (m/min)	0-85
Max Cutting Depth (mm)	41x41
Blade Length (mm)	687.57
LED Light	Yes
Weight w/ 4.0Ah Battery Pack (kg)	3.2



M12 FUEL COMPACT BANDSAW

M12 FBS64

Voltage	12V
No Load Speed (m/min)	0 - 174
Max Cutting Depth (mm)	64x64
Blade Length (mm)	776.3
LED Light	Yes
Weight w/ 6.0Ah battery pack (kg)	3.2



M12 FUEL 16-GAUGE NIBBLER

M12 FNB16

Voltage	12V
No Load Stroke Rate	1400 - 2200
Cutting width (mm)	5
Smallest Curve Radius (mm)	40.7
Starting Hole Diameter (mm)	21
Max. Cutting Steel < 400 N/mm2 (mm)	1.6
Max. Cutting Steel < 600 N/mm2 (mm)	1.2
Max. Cutting Steel < 800 N/mm2 (mm)	0.7
Max. Cutting Aluminum < 250 N/mm2 (mm)	2.1
Max. Cutting Stainless Steel < 600 N/mm2 (mm)	1.2



M12 FUEL CUT OFF TOOL

M12 FCOT

Voltage	12V
No Load Speed (rpm)	0-20000
Max. Disc Diameter (mm)	76
Max. Cutting Depth (mm)	16.3
Arbor Size (mm)	10
Weight w/ 6.0Ah Battery Pack (kg)	1.3



M12 FUEL STRAIGHT DIE GRINDER

M12 FDGS

Voltage	12V
No Load Speed (rpm)	0-10000, 0-15000 0-21000
Collet Size (mm)	6.0 / 8.0
Length (mm)	283
Weight w/ 3.0Ah Battery Pack (kg)	0.8



M12 FUEL RIGHT ANGLE DIE GRINDER

M12 FDGA

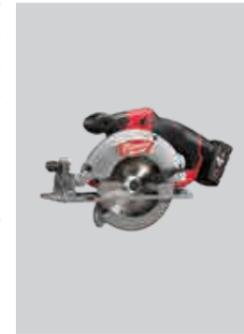
Voltage	12V
No Load Speed (rpm)	0-10000, 0-15000 0-20000, 0-24500
Collet Size(s)	6.0 / 8.0
Length (mm)	119
Weight w/ 3.0Ah Battery Pack (kg)	0.8



M12 FUEL COMPACT CIRCULAR SAW

M12 CCS44

Voltage	12V
No Load Speed (rpm)	0-3600
Blade Diameter (mm)	140
Bore Size (mm)	20
Max. Cutting Depth 90° (mm)	44
Max. Cutting Depth 45° (mm)	33
Weight w/ 4.0Ah Battery Pack (kg)	2.7



M12 COMPACT JIGSAW

M12 JS

Voltage	12V
No Load Speed (rpm)	0-2800
Stroke Length (mm)	19
Max. Bevel Angle (°)	45
Max. Cutting Depth Wood (mm)	40
Max. Cutting Capacity Aluminium (mm)	15
Weight w/ 2.0Ah Battery Pack (kg)	2.1



M12 SOLDERING IRON

M12 SI

Voltage	12V
Heat Up Time (s)	20 - 30
Interchangeable Tips	Chisel & Pointed
LED	Yes
Run-time (min)	60
Length (mm)	294
Weight w/ 2.0Ah Battery Pack (kg)	0.5



M12 COMPACT POLISHER

M12 BPS

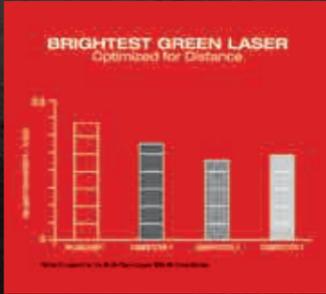
Voltage	12V
No Load Speed Gear 1 (rpm)	0-2800
No Load Speed Gear 2 (rpm)	0-8300
Disc Diameter (mm)	76
Spindle Size	M9 x 0.75
Weight w/ 4.0Ah Battery Pack (kg)	1.0



GREAT VISIBILITY



BRIGHTEST GREEN LASER
Optimized for Distance



HIGH-INTENSITY GREEN LASER UP TO 38M WORKING RANGE(RADIUS)

ALL DAY RUN TIME



ONE M12 CP3.0 BATTERY PACK = 15+ HOURS OF RUN-TIME

FAST, VERSATILE SETUP



MICRO CONTROL: PROVIDES FASTER ALIGNMENT & SET UP
PIVOTS ON POINT: IMPROVED ACCURACY & EASY ALIGNMENT

M12 CROSS LINE AND PLUMB POINT LASER LEVEL

Voltage (VDC)	12
Working range (m)	38
Levelling accuracy (mm/m)	0.3
Self-levelling range	±4°
Laser class	2
Ingress Protection	IP54
Weight w/ 2Ah battery pack (kg)	1.2



M12 CLLP

M12 3-PLANE LASER LEVEL

Voltage (VDC)	12
Working range (m)	38
Levelling accuracy (mm/m)	0.3
Self-levelling range	±4°
Laser class	2
Ingress Protection	IP54
Weight w/ 4Ah battery pack (kg)	1.66



M12 3PL

M12 LASER DETECTOR

Working range (m)	50
Measuring Accuracy Fine (mm/m)	+/- 0.08
Measuring Accuracy Coarse (mm/m)	+/- 0.1
Battery type	LR6 x 2
Weight w/ battery (kg)	0.28



LLD50



360° LASER BRACKET

- Multi-Plane Rotational Adjustment
- Micro Control: Precise Vertical Alignment
- Adjustment Lock
- Integrated Screw and Nail Hang Hole



48-35-1311

LASER TRACK CLIP

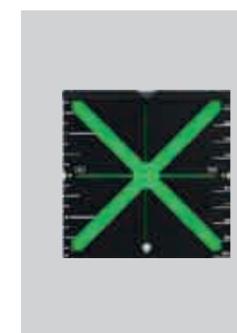
- Easy Laser Alignment, Centering Groove
- Strong, Secure Grip
- Integrated Screw and Nail Hang Hole



48-35-1313

LASER TARGET BOARD

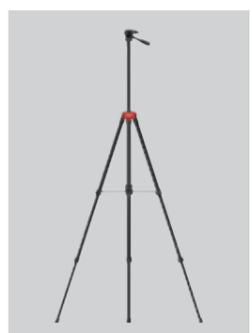
- High Visibility Illumination
- Responsive Centering Alignment
- Wide Magnetic Base
- 1/4" & 1cm Increments



48-35-1111

TRIPOD

- Bottom Mounting Point – Lowest Applications*
*When used with 360 Laser Bracket (sold separately)
- Adjustable Pan Tilt Head
- Light Weight & Durable Aluminum Body



48-35-1411

**MX FUEL
M18
M12
FORCE LOGIC
SITE LIGHTING
LIFESTYLE
OUTDOOR POWER EQUIPMENT
JOBSITE CLEANUP
BATTERY & CHARGER
TEST & MEASUREMENT
CORDED
HAND TOOLS
STORAGE & SAFETY SOLUTIONS
ACCESSORIES**

THE SMARTEST WAY TO WORK

FORCELOGIC™



M18 FORCE LOGIC 700 BAR HYDRAULIC PUMP

Force Output (bar)	700 (10,000 psi)
Oil Delivery Low Pressure (l/min)	2.0
Oil Delivery High Pressure (l/min)	0.4
Oil Capacity (L)	1.3
Remote Controller	Wired & Wireless
Adaptive Pressure Control	PFM
Weight w/ 12.0Ah Battery Pack (kg)	16.5

M18 HUP700R



M18 FORCE LOGIC 6 TON CU/AL CABLE CUTTER

Voltage		18V
Capacity (mm)	Copper:	35
	Aluminum:	35
Cut Speed (s)		3
No. of Cuts/Blade		3,000+
No. of Cuts/Battery Charge		150+
Head Rotation (°)		350
Auto Retraction		Yes
Weight w/ 5.0Ah Battery Pack (kg)		3.7

M18 HCC



6T CUTTER JAWS AND ACCESSORIES

6T Cutter Jaws	
49162772	Cu/AL Jaws & Blade
49162773	ACSR Jaws & Blade
6T Cutter Replacement Blades	
48440411	Cu/AL Replacement Blades
48440412	ACSR Replacement Blades



M18 FORCE LOGIC UNDERGROUND CABLE CUTTER

Voltage		18V
Cutting Range Diameter (mm)	Copper:	75
	Aluminum:	75
Cut Speed (s)		9.5
No. of Cuts Per 5.0Ah Battery Pack		100+
Head Rotation (°)		340
Output Force (tons)		9
Weight w/ 5.0Ah Battery Pack (kg)		7.9

M18 HCC75



UNDERGROUND CUTTER ACCESSORIES

49162774	Replacement underground cutter blade
----------	--------------------------------------



M18 FORCE LOGIC UNDERGROUND CABLE CUTTER W/ WIRELESS REMOTE

Voltage		18V
Cutting Range Diameter (mm)	Copper:	75
	Aluminum:	75
Cut Speed (s)		9.5
Wireless Remote		Yes
Max. Distance for Remote Cutting (m)		25
No. of Cuts Per 5.0Ah Battery Pack		100+
Head Rotation (°)		340
Output Force (tons)		9
Weight w/ 5.0Ah Battery Pack (kg)		7.9

M18 HCC75R



The Milwaukee Story MX-FUEL M18 M12 Force Logic Site Lighting Lifestyle Outdoor Power Equipment Jobsite Cleanup Battery & Charger Test & Measurement Corded Hand Tools Storage & Safety Solutions Accessories

M18 FORCE LOGIC OVERHEAD CABLE CUTTER

M18 HCC45

Voltage		18V
Cutting Range Diameter (mm)	Copper:	44
	Aluminum:	44
Cut Speed (s)		7.7
No. of Cuts per 5.0Ah Battery Pack		100+
Head Rotation (°)		340
Output Force (tons)		9
Weight w/ 5.0Ah Battery Pack (kg)		6



OVERHEAD CUTTER ACCESSORIES

49162775	Replacement overhead cutter
----------	-----------------------------



M18 FORCE LOGIC 6T COMMERCIAL CRIMPER

M18 HCCT

Voltage		18V
Range (mm ²)	Copper:	300
	Aluminum:	150
Crimp Speed (s)		3
PFM Adaptive Pressure Control System		Yes
No. of Crimps per 2.0Ah Battery Pack		220+
Head Rotation (°)		350
Output Force (tons)		6
Weight w/ 2.0Ah Battery Pack (kg)		3.7



M18 FORCE LOGIC 12T UTILITY CRIMPER

M18 HCCT109/42

Voltage		18V
Range (mm ²)	Copper:	400
	Aluminum:	300
Max. ACSR Wire Capacity (mm ²)		297
Crimp Speed (s)		7
PFM Adaptive Pressure Control System		Yes
No. of Crimps per 5.0Ah Battery Pack		100+
Head Rotation (°)		340
Output Force (tons)		12
Weight w/ 5.0Ah Battery Pack (kg)		5.6



M18 FORCE LOGIC 2"-3" PROPEX® EXPANSION TOOL

M18 ONEBLPXPL

Voltage		18V
Head Type		Auto-rotating
Stroke Length (mm)		55.5
Weight w/ 5.0Ah Battery Pack (kg)		10.1



M18 FORCE LOGIC 6 TON KNOCKOUT TOOLS

M18 HKP

Voltage		18V
Hole Diameter (mm)		Max. 100
Thickness (mm)	Mild Steel:	3.0
	Stainless Steel:	2.5
No. of Holes per 2.0Ah Battery Pack		120
Output Force (tons)		6
Weight w/ 2.0Ah Battery Pack (kg)		2.0

- Included:
- (49-16-2680) 7/16" (11 mm) Draw Stud
 - (49-16-2681) 3/4" (19 mm) Draw Stud
 - Quick Connect Alignment System
 - EXACT 1/2" (12 mm) to 2" (50 mm) Conduit Punches and Dies
 - (2) M18 REDLITHIUM 2.0 Batteries
 - M18 and M12 Multi-voltage Charger
 - Carrying Case



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TEST & MEASUREMENT
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STORAGE & SAFETY SOLUTIONS
ACCESSORIES**

ADAPTS. PERFORMS. SURVIVES.



HIGH OUTPUT LIGHTING

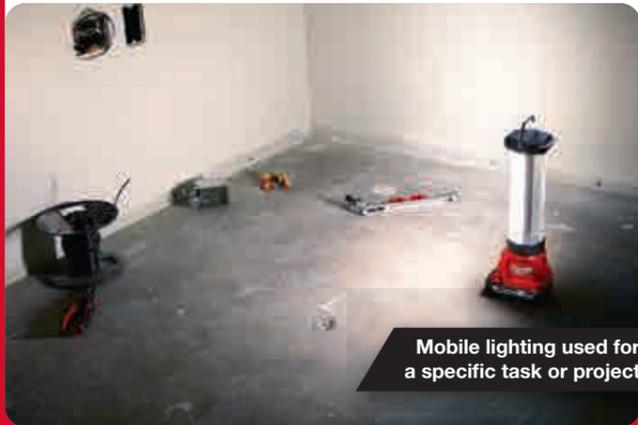
LIGHTING APPLICATION TYPES

PERSONAL LIGHTING



Extremely compact lights meant to be held or worn on your person

TASK LIGHTING



Mobile lighting used for a specific task or project

SPECIALITY LIGHTING



Innovative lights optimized for specific applications

HANDHELD LIGHTING



Handheld lights used for scanning and inspecting

AREA LIGHTING



Stationary lighting used to light a full workspace

HIGH OUTPUT LIGHTING

ADAPTS. PERFORMS. SURVIVES.

TRUEVIEW HIGH OUTPUT LIGHTING

All of Milwaukee's Lighting Solutions Include TRUEVIEW Technology

Milwaukee uses the high quality LEDs and Optics to provide TRUEVIEW Lighting that gives users the brightness and clarity without distorting colors. The lights keep a neutral color temperature to provide the accurate and clear lighting environment for any application.



■ Halogen Light
■ Yellow Color



■ Natural Color
■ True Representation of Color & Detail



■ Other LED
■ Blue Tint
■ Distorts Color & Detail

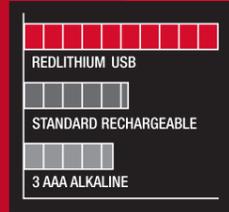
WARM

NEUTRAL

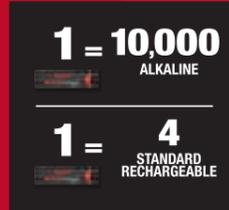
COOL



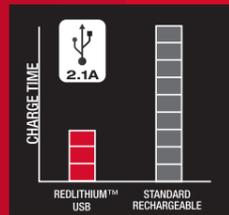
Milwaukee delivers the industry's first line of trade focused, high performance personal lights designed to **ADAPT, PERFORM AND SURVIVE**. Built to withstand the toughest conditions on and off the jobsite, Milwaukee lights combine the cordless battery and LED technology delivering convenient, portable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



ALL DAY RUN-TIME*



OVER 2,000 RECHARGES



FASTER CHARGE TIME**

*Dependent on mode selection and based on 10 hour work day
**Compared to 0.5a charge rate



REDLITHIUM USB RECHARGEABLE ACCESSORIES



CHARGE BATTERY VIA MICRO USB CORD



PERSONAL & HANDHELD LIGHTING

Extremely compact lights meant to be held or worn on your person as well a handheld lighting used for scanning and inspecting



FLASHLIGHTS

INTERNAL RECHARGEABLE FLASHLIGHT 500 LUMENS

IR FL500

Voltage	5V
Mode	High / Med / Low
Lumens	500 / 100 / 10
Runtime (h)	3.5 / 16 / 40
Charging Time (h)	4
IP Rating	IP67
Weight (g)	100



REDLITHIUM USB RECHARGEABLE 1100L TWIST FOCUS FLASHLIGHT

L4 TMLED

Voltage	4V
Lumens	1100 / 600 / 100
Runtime (h)	1 / 4 / 10
IP Rating	IP67
Beam Distance (m)	175



REDLITHIUM USB RECHARGEABLE 800L COMPACT FLASHLIGHT

L4 FMLED

Voltage	4V
Lumens	800 / 100
Runtime (h)	2 / 10
IP Rating	IP67
Beam Distance (m)	150



REDLITHIUM USB COMPACT FLASHLIGHT

L4 MLED

Voltage	4V
Lumens	700 / 100 / 700
Mode	High / Low / Strobe
Runtime (h)	4.5 / 16 / 9
IP Rating	IP67
Beam Distance (m)	155



REDLITHIUM USB RECHARGEABLE PIVOTING WORK LIGHT

L4 PWL

Voltage	4V
Max. Lumens	500 / 400 / 100
Max. Runtime (h)	3 / 3 / 10
Beam Pattern	Spot Beam / Flood High / Flood Low
Beam Distance (m)	155
Battery Platform	REDLITHIUM USB
No. of Modes	3



M12 LED METAL FLASHLIGHT

M12 MLED

Voltage	12V
Modes	High Low Strobe
Lumens	800 325 800
Runtime (h)	5 7 7
Beam Distance	340
Light Type	Beam Spot / Flood Lighting
IP Rating	IP54
Weight without Battery Pack (kg)	0.5



HEADLAMPS

INTERNAL RECHARGEABLE HEADLAMP 450 LUMENS

IR HL450

Voltage	5V
Mode	Flood / Spot / Hybrid
Max. Lumens	250 / 250 / 450
Runtime (h)	4 / 4 / 2.5
Charging Time (h)	2
IP Rating	IP54
Weight (g)	120



REDLITHIUM USB RECHARGEABLE LOW-PROFILE HEADLAMP

L4 HLRP

Voltage	4V
Max. Lumens	600 / 350 / 125 / 25
Max. Runtime (h)	2 / 6 / 10 / 25
Beam Pattern	Flood High / Medium / Low / Eco
IP Rating	IP54
Beam Distance (m)	100
Battery Platform	REDLITHIUM USB
No. of Modes	4



REDLITHIUM USB RECHARGEABLE HI-VIS HARD HAT LAMP

L4 HLVIS

Voltage	4V
Max. Lumens	600 / 400 / 150 / 25 / 400
Max. Runtime (h)	2 / 4 / 8 / 20 / 4
Beam Pattern	Flood / Spot
Beam Distance (m)	125
Battery Platform	REDLITHIUM USB
No. of Modes	3



REDLITHIUM USB RECHARGEABLE HARD HAT LAMP

L4 HL

Voltage	4V
Max. Lumens	475 / 300 / 150 / 25 / 300
Max. Runtime (h)	2 / 4.5 / 8.5 / 31 / 4
Beam Pattern	Spot / Flood / Flood High / Flood Medium / Flood Low / Spot High
Beam Distance (m)	100
Battery Platform	REDLITHIUM USB
No. of Modes	5



ALKALINE SPOT / FLOOD HEADLAMP

HL-SF

Max. Lumens	450 / 350 / 150 / 25 / 350
Max. Runtime (h)	2 / 4 / 10 / 26 / 4
Beam Pattern	Spot / Flood High / Medium / Low / Spot High
Beam Distance (m)	100
Battery Platform	AAA
No. of Modes	5



PENLIGHTS

INTERNAL RECHARGEABLE PENLIGHT 250 LUMENS

IR PL250

Voltage	5V
Mode	High / Low
Lumens	250 / 50
Runtime (h)	2
Charging Time (h)	2
IP Rating	IP67
Weight (g)	60



ALKALINE INSPECTION PEN LIGHT

IPL-LED

Modes	High
Lumens	100
Runtime (h)	3
IP Rating	IP67
Beam Distance (m)	43



FLOOD LIGHTS

REDLITHIUM USB RECHARGEABLE FOLDING FLOOD LIGHT

L4 FFL

Voltage	4V
Max. Lumens	550 / 250 / 100
Max. Runtime (h)	2 / 4.5 / 11.5
Beam Pattern	Flood High / Med / Low
Battery Platform	REDLITHIUM USB
No. of Modes	3



REDLITHIUM USB RECHARGEABLE PERSONAL FLOOD LIGHT

L4 FL

Voltage	4V
Max. Lumens	445 / 100
Max. Runtime (h)	2 / 11
Beam Pattern	High / Low
Battery Platform	REDLITHIUM USB
No. of Modes	2



TORCH LIGHTS & STICK LIGHTS

M12 LED TORCH

M12 TLED

Voltage	12V
Modes	High
Lumens	100
Runtime (h)	15
Head Rotation (°)	90
Hands-free	Integrated Magnet
IP Rating	IP54
Weight without Battery Pack (kg)	0.4



M18 LED TORCH

M18 TLED

Voltage	18V
Modes	High
Lumens	100
Runtime (h)	29
Head Rotation (°)	135
Hands-free	Integrated Hook
IP Rating	IP54
Weight without Battery Pack (kg)	0.7



M12 LED STICK LIGHT

M12 SL

Voltage	12V
Modes	High
Lumens	220
Runtime (h)	11
Hands-free	Multi-position Stainless Steel Hook
Weight without Battery Pack (kg)	0.2



TASK & AREA LIGHTING

Mobile lighting used for a specific task or project, and stationary lighting used to light a full workspace



STAND LIGHTS

M18 HIGH OUTPUT STAND AREA LIGHT/CHARGER

M18 HOSALC

Voltage	18V
Modes	High Medium Low
Lumens	6000 4000 1700
Runtime on 8.0Ah Battery(h)	3.5 5 10
Max/Collapsed Height (cm)	213/122cm
AC (V)	100-240
M18 Battery Charger	Yes
Weight without Battery Pack (kg)	9.6



M18 LED REMOTE STAND LIGHT

M18 ONERSAL

Voltage	18V
Modes	High Medium Low
Lumens	5400 3100 1600
Runtime on (2x9.0Ah) Battery (h)	7 12.5 26
Head Rotation (°)	220° Vertical and Horizontal
Max. Height (m)	1.65
Collapsed (m)	0.5
IP Rating	IP67
Weight without Battery Pack (kg)	8.7



M18 LED STAND LIGHT

M18 SAL

Voltage	18V
Modes	High Medium Low
Lumens	2000 1300 850
Runtime on 5.0Ah Battery (h)	4 6 10
Head Rotation (°)	240° Vertical, 220° Horizontal
Max. Height (m)	2.2
Collapsed (m)	1.1
IP Rating	IP54
Weight without Battery Pack (kg)	6.4



M12 LED STAND LIGHT

M12 SAL

Voltage	12V
Modes	High Low
Lumens	1400 700
Runtime on 6.0Ah Battery (h)	4 10
Head Rotation (°)	210 Vertically, 270 Horizontally
Max. Height (m)	1.7
Collapsed (m)	0.8
Weight without Battery Pack (kg)	3.1



AREA LIGHTS



M18 HIGH PERFORMANCE AREA LIGHT

M18 HOAL

Voltage	18V
Modes	High Medium Low
Lumens	4000 2000 1200
Runtime on 5.0Ah Battery (H)	3 6 12
Head Rotation	120°
AC (V)	100-240
Weight without Battery Pack (kg)	2.6



M18 PACKOUT LIGHT/CHARGER

M18 POALC

Voltage	18V
Modes	High Medium Low
Lumens	3000 1500 1000
Runtime on 5.0Ah Battery (H)	4 8 12
AC (V)	110-240
M18 Battery Charger	Yes
Weight without Battery Pack (kg)	5.5



M12 PIVOTING AREA LIGHT

M12 PAL

Voltage	12V		
Modes	High	Low	
Lumens	700	250	
Runtime on 4.0Ah Battery (h)	8	24	
USB Charging Output (V/A)	5	2.1	
IP Rating	IP54		
Weight without Battery Pack (kg)	0.3		



M18 LED LANTERN LIGHT

M18 LL

Voltage	18V			
Modes	High	Medium	Low	Strobe
Lumens	700	350	70	700
Runtime on 5.0Ah Battery (h)	10	20	100	16
Head Rotation (°)	180 - 360			
USB Charger	2.1A			
Hands-free	2 Stainless Steel Hooks			
IP Rating	IP54			
Weight without Battery Pack (kg)	0.5			



M18 LED PIVOTING AREA LIGHT

M18 PAL

Voltage	18V		
Modes	High	Medium	Low
Lumens	1500	650	300
Runtime on 5.0Ah Battery (h)	4.5	10	20
Head Rotation (°)	180 & 330		
Hands-free	Integrated Magnets, Spring Loaded Clamp, Key Hole Hanger, Wire hanger		
IP Rating	IP54		
Weight without Battery Pack (kg)	2.1		



M12 LED LANTERN LIGHT

M12 LL

Voltage	12V			
Modes	High	Medium	Low	Strobe
Lumens	400	200	40	400
Runtime on 4.0Ah Battery (h)	8	15	67	16
Head Rotation (°)	180 - 360			
USB Charger	2.1A			
Hands-free	2 Stainless Steel Hooks			
IP Rating	IP54			
Weight without Battery Pack (kg)	0.4			



M12 LED AREA LIGHT

M12 AL

Voltage	12V		
Modes	High	Medium	Low
Lumens	1000	400	200
Runtime on 4.0Ah Battery (h)	3.5	7.5	15
Hands-free	Integrated Magnets, Spring Loaded Clamp, Key Hole Hanger, Wire Hanger		
IP Rating	IP54		
Weight without Battery Pack (kg)	1.0		



M18 LED AREA LIGHT

M18 AL

Voltage	18V		
Modes	High	Low	
Lumens	1500	780	
Runtime on 5.0Ah Battery (h)	5	10	
Hands-free	Keyhole Hanger, EMT hanger		
Weight without Battery Pack (kg)	1.5		



M18 LED TASK/AREA LIGHT

M18 TAL

Voltage	18V		
Modes	High	Medium	Low
Lumens Area Mode	2200	1100	550
Lumens Flood Mode	100	500	250
Runtime on 5.0Ah Battery (h)	4	8	16
Weight without Battery Pack (kg)	2.5		



SEARCH LIGHTS

M18 LED SEARCH LIGHT

M18 SLED

Voltage	18V			
Modes	Spot/Flood	Flood	Spot	Strobe
Lumens	1250	1200	600	1200
Runtime on 5.0Ah Battery (h)	4	4	7	5
Head Rotation (°)	198			
Beam Distance (m)	650			
IP Rating	IP54			
Weight without Battery Pack (kg)	0.4			



M12 LED SPOT LIGHT

M12 SLED

Voltage	12V		
Modes	High	Low	Strobe
Lumens	750	400	750
Runtime on 4.0Ah Battery (h)	4	8	8
Beam Distance	640		
IP Rating	IP54		
Weight without Battery Pack (kg)	0.6		



SPECIALTY LIGHTING

Innovative lights optimized for specific applications and environments to increase user productivity



AUTOMOTIVE LIGHTING

M12 LED UNDERHOOD LIGHT

M12 UHL

Voltage	12V	
Modes	High	Low
Lumens	1350	600
Runtime on 4.0Ah Battery (h)	4	8
Hands-free	FINISHGUARD hooks, Stainless steel hook	
IP Rating	IP54	
Weight without Battery Pack (kg)	1.1	



M12 UNDERCARRIAGE LIGHT

M12 UCL

Voltage	4.5V		
Mode	High	Medium	Low
Lumens	1200	800	600
Runtime on 4.0Ah Battery (h)	5	8	15
Rotation	Horizontal 300°, Vertical 180°		
Weight without Battery Pack (kg)	1.27		



M12 Paint and Detailing Color Match Light

M12 CML

Voltage	12V	
Max. Lumens	1000	
No. of Modes	3	
Max. runtime	12	
Color temp.	5	
IP rating	54	



EXPLOSION PROOF LIGHTING

INTRINSICALLY SAFE HEADLAMP

ISHL-LED

Voltage	4.5V		
Mode	Flood	Spot	Hybrid
Max. Lumens	235	155	310
Runtime (h)	6	8	4
Battery Type	AAA		
IP Rating	IP64		
Weight (g)	150		



POWER UTILITY LIGHTING

M18 LED UTILITY LIGHT

M18 UBL

Voltage	18V		
Modes	Flood	Spot/Flood	Spot
Lumens	2500	2200	800
Runtime on 5.0Ah Battery (h)	4	4	6
Head Rotation (°)	180° Vertical and horizontal		
Hands-free	Spring-loaded Clamp		
Beam Distance (m)	450		
IP Rating	IP56		
Weight without Battery Pack (kg)	4.8		



MX FUEL
M18
M12
FORCE LOGIC
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LIFESTYLE
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BATTERY & CHARGER
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HAND TOOLS
STORAGE & SAFETY SOLUTIONS
ACCESSORIES

ON AND OFF THE JOBSITE



AUDIO

M18
PACKOUT RADIO + CHARGER

M18 PRC

Run time (h)	3 (5.0Ah)
Power (Watt)	90
M18 Battery Charge Current (A)	3.5
USB Charging Output (V/A)	2.1
Weight (kg)	10.5



M12
RADIO + CHARGER

M12 RC

Run time (h)	10 (2.0Ah)
Power (Watt)	9.6
IP Rating	54
USB Charging Output (V/A)	2.1
Weight (kg)	1.7



M12 M18
BLUETOOTH® JOBSITE SPEAKER

M12-18 JSSP

Bluetooth® Compatible	Yes
Bluetooth® Range (m)	30
Total Harmonic Distortion	0.28%
Amplifier	40 W, 2x 20 W Channels
USB Charging Output (V/A)	2.1
Length (cm)	36
Weight (kg)	2.3



M12
JOBSITE BLUETOOTH® SPEAKER

M12 JSSP

Voltage	12V
Speaker Output (W)	5
USB Charging Output (V/A)	5.0/2.1
Sound quality AUX. input (Hz)	35 - 20k
Bluetooth Input (Hz)	55 - 16k
Transmission Range (min)	10
Runtime w/ 4.0Ah Battery Pack (h)	25
Weight without Battery Pack (kg)	0.5



AIR MOVEMENT

M18
AIR FAN

M18 AF

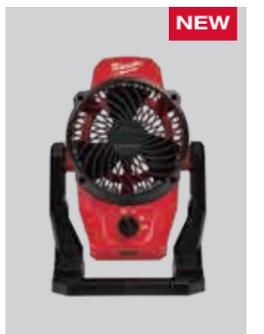
Voltage	18V
Mode Selection	3
Air delivery rate I (m3/h)	272
Air delivery rate II (m3/h)	365
Air delivery rate III (m3/h)	476
Weight w/ 5.0Ah Battery Pack (kg)	3.4



M12
MOUNTING FAN

M12 AF

Voltage	12V
Mode Selection	3
Air delivery rate I (m3/h)	300
Air delivery rate II (m3/h)	450
Air delivery rate III (m3/h)	680
Weight w/ 6.0Ah Battery Pack	2.5



The Milwaukee Story
 MX-FUEL
 M18
 M12
 Force Logic
 Site Lighting
 Lifestyle
 Outdoor Power Equipment
 Jobsite Cleanup
 Battery & Charger
 Test & Measurement
 Corded
 Hand Tools
 Storage & Safety Solutions
 Accessories

HEATED GEAR



REDLITHIUM™ USB HEATED GLOVES

L4 HGLB

Voltage	4V
Heat Settings	(3) High, Medium, Low
Runtime	(L4B2) 6 hrs
Heat Zones	Hand and Fingers
Materials	Shell : 100% Polyester, Palm : 100% Leather, Lining : 100% Polyester, Insulation : 100% Polyester
Washing	Washer and Dryer safe, remove battery



M12 HEATED HOODIE

M12 HHBL3

Voltage	12V
Heat Settings	(3) High, Medium, Low
Runtime	(M12B2) 2.5 / 4 / 8 hrs
Heat Zones	Chest and Back
Materials	Outer: 53% Cotton + 47% Polyester Inner: 60% Cotton + 40% Polyester
Washing	Washer and Dryer Safe, remove battery



M12 HEATED PUFFER JACKET

M12 HJP (Men's)
HJPLADIES (Ladies')

Voltage	12V
Heat Settings	(3) High, Medium, Low
Runtime	(M12B2) 3 / 5 / 8 hrs
Heat Zones	Chest, Back, and Shoulders
Materials	Outer: 90% Polyester / 10% Spandex Inner: 100% Polyester
Washing	Washer and Dryer Safe, remove battery



M12 HEATED MID-LAYER VEST

M12 HBWP

Voltage	12V
Heat Settings	(3) High, Medium, Low
Runtime	(M12B2) 2.5 / 4 / 8 hrs
Heat Zones	Chest and Back
Materials	Outer: 90% Polyester / 10% Spandex Inner: 100% Polyester
Washing	Washer and Dryer Safe, remove battery



M12 HYDROBREAK RAIN SHELL

HYDROJKTX

Materials	100% Polyester
Washing	Machine wash gentle cycle in warm water, remove battery
Waterproof Protection	10K mm
Heated Gear Compatibility	M12 HJP, M12 HJPLADIES



REDLITHIUM™ USB HEATED BASE LAYER

L4 HBLB

Voltage	4V
Heat Settings	(2) High, Low
Runtime	(L4B2) 3 hrs
Heat Zones	Chest and Back
Materials	100% Polyester
Washing	Washer and Dryer safe, remove battery



M12 HEATED VEST

M12 HV BLACK6

Voltage	12V
Color	Black
Outer Material	GRIDIRON
Inner Material	Thermal Knit Fleece
Heat Elements	Core zone: R Chest, L Chest, Back
Heat Settings	High, Medium, Low
Runtime w/ 2.0Ah Battery Pack (h)	6hrs / 3.5hrs / 2hrs
Washing	Washer and Dryer Safe, remove battery



**MX FUEL
M18
M12
FORCE LOGIC
SITE LIGHTING
LIFESTYLE
OUTDOOR POWER EQUIPMENT
JOBSITE CLEANUP
BATTERY & CHARGER
TEST & MEASUREMENT
CORDED
HAND TOOLS
STORAGE & SAFETY SOLUTIONS
ACCESSORIES**

UNMATCHED POWER, RUN-TIME AND DURABILITY





M18 FUEL
DRIVEN TO OUTPERFORM.™

533MM (21") MOWER SELF-PROPELLED DUAL-BATTERY

GREAT CUT QUALITY: MULCH, BAG, SIDE DISCHARGE™

MORE MAX TORQUE
THAN 200cc GAS™

FULL THROTTLE UNDER 1 SECOND™

VARIABLE SPEED SELF-PROPELLED

Active Speed Management for More Control During Use

SINGLE POINT HEIGHT ADJUST

Easier Changes Between Cutting Heights



M18™ REDLITHIUM™ HIGH OUTPUT™ HD12.0Ah BATTERY PACKS

Two Batteries Required for Operation



HIGH LIFT MODE

Increases Blade Speed for Superior Air Flow and Better Lift

BATTERY FUEL GAUGE

Operator Facing to See Charge Level During Use

3-IN-1 GRASS MANAGEMENT

Mulch, Bag, Rear Side Discharge

FRONT LED LIGHTS

180° Visibility in Low Light Situations

OPTIMIZED STEEL DECK

Enhances Air Flow for Better Lift

NO GAS HEADACHES



NO PULL START | NO ENGINE MAINTENANCE | LOW NOISE | NO EMISSIONS | NO MIXING GAS AND OIL

RECOMMENDED ACCESSORIES



21" Mower Blade 49-32-479818 | 21" High Lift Mower Blade 49-32-479819 | 21" Mower Cover 49-32-479821

Voltage	18V x 2
Cutting area per charge	Up to 2023m ²
No load speed (rpm)	2800
Max load speed (rpm)	3300
Cutting Capacity (mm)	533mm (21")
Cutting Height (mm)	25-100, 7 positions
Speed	0-6.5km/h (0 - 4MPH™)
3-in-1 Grass Management	Bag, Mulch, Side Discharge
LEDs Light	Yes
Grass bag capacity	70 L
Protection Class	IPX4
Deck Material	Steel
Handle Height Positions	3
Runtime in Application	60min*

*on (2) HB12.0 Batteries / Removing 2.54cm of grass @ 3 MPH™

QUIK-LOK™ ATTACHMENT SYSTEM

Multiple Attachments Powered By a Single Power Head



POWERED BY:
M18 FUEL

Designed to meet the needs of landscape maintenance professionals, the QUIK-LOK Attachment System is a versatile outdoor power equipment system featuring multiple attachments powered by a single M18 FUEL Power Head. With the QUIK-LOK Attachment System, you have the capability to switch between multiple attachments including a line trimmer, edger, hedge trimmer and pole saw to complete a wide range of applications.

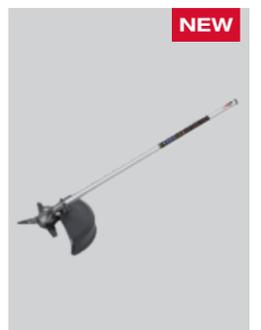
Powered by M18 FUEL, the QUIK-LOK Attachment System utilizes the most advanced cordless technology to deliver best-in-class power and run-time for landscaping and trade professionals, achieving instantaneous throttle response and outperforming higher voltage platforms.



M18 FUEL GEN 2 QUIK LOK - BRUSH CUTTER ATTACHMENT

M18 BCA

Voltage	M18
Speed Setting	2
No Load Speed - Low (rpm)	4900
No Load Speed - High (rpm)	6200
Blade Size (mm)	230
Max Cutting Capacity (mm)	32
Weight (kg)	1.6



M18 FUEL GEN 2 QUIK LOK - BRISTLE BRUSH ATTACHMENT

M18 BBA

Voltage	M18
Speed Setting	2
No Load Speed - Low (rpm)	150
No Load Speed - High (rpm)	200
Cleaning Capacity (mm)	584
Weight (kg)	6.5



M18 FUEL GEN 2 QUIK LOK - RUBBER BROOM ATTACHMENT

M18 RBA

Voltage	M18
Speed Setting	2
No Load Speed - Low (rpm)	150
No Load Speed - High (rpm)	200
Cleaning Capacity (mm)	584
Weight (kg)	7.3



M18 FUEL OUTDOOR POWER HEAD WITH QUIK-LOK

M18 FOPH

Voltage	18V
Speed Settings	2
No Load Speed - Low (rpm)	0-6860
No Load Speed - High (rpm)	0-8680
Length (mm)	881
Weight w/ 9.0Ah Battery Pack (kg)	4.1



M18 FUEL OUTDOOR POWER HEAD QUIK LOK LINE TRIMMER KIT

M18 FOPHLTKIT

Voltage	18V
Speed Settings	2
No Load Speed - Low (rpm)	0-4900
No Load Speed - High (rpm)	0-6200
Max. Cutting Capacity (mm)	400
Cutting Line Max. Diameter (mm)	2.4
Length (mm)	1829
Weight w/ 9.0Ah Battery Pack (kg)	5.8



M18 FUEL QUIK-LOK POLE SAW ATTACHMENT

M18 FOPH-CSA

Voltage	18V
Speed Settings	2
No Load Speed - Low (rpm)	0-3700
No Load Speed - High (rpm)	0-4600
No Load Chain Speed (m/s)	8.6
Bar Length (mm)	254
Usable Cutting Length (mm)	230
Chain Oil Tank Capacity (ml)	140
Length (mm)	1245
Weight (kg)	1.9



M18 FUEL QUIK-LOK HEDGE TRIMMER ATTACHMENT

M18 FOPH-HTA

Voltage	18V
Speed Settings	2
No Load Speed - Low (rpm)	0-2800
No Load Speed - High (rpm)	0-3500
Blade Length (mm)	508
Max. Cutting Capacity (mm)	25
Tooth Spacing (mm)	25
Length (mm)	1524
Weight (kg)	2.6



M18 FUEL QUIK-LOK EDGER ATTACHMENT

M18 FOPH-EA

Voltage	18V
Speed Settings	2
No Load Speed - Low (rpm)	0-3000
No Load Speed - High (rpm)	0-3900
Blade Diameter (mm)	203
Max. Cutting Capacity (mm)	50
Length (mm)	965
Weight (kg)	2.4



M18 FUEL QUIK-LOK LINE TRIMMER ATTACHMENT

M18 FOPH-LTA

Voltage	18V
Speed Settings	2
No Load Speed - Low (rpm)	0-4900
No Load Speed - High (rpm)	0-6200
Max. Cutting Capacity (mm)	400
Cutting Line Max. Diameter (mm)	2.4
Length (mm)	1020
Weight (kg)	1.7



M18 FUEL QUIK-LOK EXTENSION ATTACHMENT

M18 FOPH-EXA

Voltage	18V
Length (mm)	1029
Weight (kg)	0.9



QUIK-LOK ATTACHMENT SYSTEM ACCESSORY

 Trimmer Line 2mm x 45m 49-16-2712	 Trimmer Line 2.4mm x 76m 49-16-2713	 Easy Load Trimmer Head 49-16-2714
Designed for M18 FOPH-LTA		
 254mm Saw Chain 4932471329 Designed for M18 FOPH-CSA	 Edger Blade 4932471330 Designed for M18 FOPH-EA	 Shoulder Strap 49-16-2722 Designed for M18 FOPH-O
 Brush Cutter Blade 49-16-2757 APJ Designed for M18 FOPH-BCA		



M18 FUEL CHAINSAW

M18 FCHS

Voltage	18V
No load chain speed (m/s)	12.4
Max Bar Length (mm)	406.4
Usable Cutting Length (mm)	380
Chain Oil Tank Capacity (mL)	200
Chain Gauge (mm)	1.1
Chain Pitch (mm)	9.5 low profile
Variable Speed Trigger	Yes
Weight w/ 12.0Ah battery pack (kg)	6.4



M18 FUEL CHAINSAW

M18 FCHSC

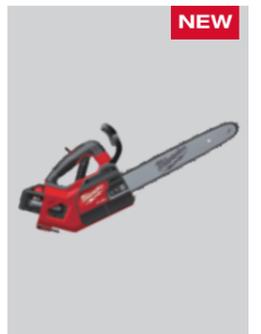
Voltage	18V
No load chain speed (m/s)	12.4
Max Bar Length (mm)	304.8
Usable Cutting Length (mm)	280
Chain Oil Tank Capacity (mL)	200
Chain Gauge (mm)	1.1
Chain Pitch (mm)	9.5 low profile
Variable Speed Trigger	Yes
Weight w/ 12.0Ah battery pack (kg)	6.3



M18 FUEL TOP HANDLE CHAINSAW

M18 FTHCHS35

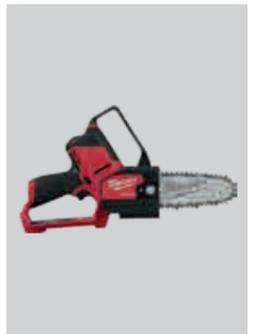
Voltage	M18
No load chain speed (m/s)	15
Max Bar Length (mm)	355.6
Usable Cutting Length (mm)	343
Chain Oil Tank Capacity (mL)	130
Chain Gauge (mm)	10.9
Chain Pitch (mm)	8.3
Variable Speed Trigger	Yes
Weight (kg)	3.9



M12 FUEL HATCHET™ PRUNING SAW

M12 FHS

Voltage	12V
No load chain speed (m/s)	5
Max Bar Length (mm)	152
Usable Cutting Length (mm)	140
Chain Oil Tank Capacity (mL)	50
Weight w/ 6.0Ah battery pack (kg)	2.3



ACCESSORY

406.4mm (16") Saw Chain
49-16-2715 ASIA Designed for M18 FCHS

14" Top Handle Chainsaw Guide Bar
49 16 2745 APJ Designed for M18 FTHCHS35 **NEW**

304.8mm (12") Saw Chain
FCHSC18ACCY01 Designed for M18 FCHSC

152mm (6") Saw Chain
49-16-2732 ASIA Designed for M12 FHS

14" Top Handle Chainsaw Chain
49 16 2744 APJ Designed for M18 FTHCHS35 **NEW**

Heavy Duty Chainsaw Bag
FCHS18ACCY02 Designed for M18 FCHS



Accessories Storage & Safety Solutions Hand Tools Corded Test & Measurement Battery & Charger Jobsite Cleanup Outdoor Power Equipment Lifestyle Site Lighting Force Logic MX-FUEL M18 M12 Force Logic Site Lighting Lifestyle Outdoor Power Equipment Jobsite Cleanup Battery & Charger Test & Measurement Corded Hand Tools Storage & Safety Solutions

The Milwaukee Story MX-FUEL M18 M12 Force Logic Site Lighting Lifestyle Outdoor Power Equipment Jobsite Cleanup Battery & Charger Test & Measurement Corded Hand Tools Storage & Safety Solutions Accessories

**M18 FUEL
HEDGE TRIMMER**

M18 CHT

Voltage	18V
Stroke Per Minute (spm)	3400
Blade Length (mm)	610
Cutting capacity (mm)	19
Sharpening Angle to Horizontal (°)	<30
Tooth Spacing (mm)	19
Weight w/ 9.0Ah Battery Pack (kg)	5



**M12 FUEL
8" HEDGE TRIMMER**

M12 FHT20

Voltage	M12
Stoke Per Minute (spm)	2,700
Blade Length (mm)	203
Cutting capacity (mm)	12.5
Sharpening Angle to Horizontal	<30
Blade Gap (mm)	8
Weight w/ M12 2.0 Ah-6.0 Ah (kg)	1.23-1.47



**M18 FUEL
BRUSHLESS LINE TRIMMER**

M18 BLLT

Voltage	18V
Max RPM	6200
No Load Speed-Low (rpm)	4600
No Load Speed-High (rpm)	6200
Cutting line ø max (mm)	2.4
Cutting Swath Diameter (mm)	350-400
Cutting capacity max	400 mm
Length (mm)	1800
Weight w/ M18 HB8 Battery (kg)	5.4



**M18 FUEL
BLOWER**

M18 FBL

Voltage	18V
Max. Air Volume (m³/minute)	12.7
Max. Airflow Speed (km/h)	193
Noise Rating (db)	98
Lock On Button	Yes
Total Length (mm)	859
Weight w/ 9.0Ah Battery Pack (kg)	3.3



**M18 FUEL
DUAL BATTERY BLOWER**

M18 F2BL

Voltage	M18
Max. Air Volume (m³/ minute)	17
Max. Airflow Speed (km/h)	233
Noise Rating (db)	64
Lock On Button	Yes
Weight (kg)	2.7



**M18
SWITCH TANK POWERED BASE**

M18 BPPH

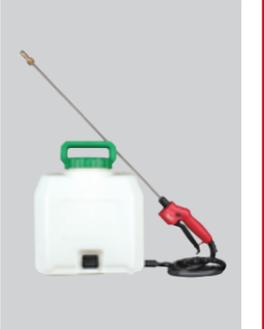
Voltage	18V
Motor	Brushed
Battery	M18 REDLITHIUM-ION



**M18 SWITCH TANK 15L
CHEMICAL SPRAYER TANK**

M18 BPPF-CST

Capacity (L)	15
Flow Rate (l/min)	0.4-2.0
Max Pressure (bar)	8.27
Hose Length w/ Sprayer Handle & Wand (m)	1.75
Nozzle Type	Low Flow Rate Adjustable & Fan Nozzles
Weight w/ 4.0Ah Battery Pack & 15L Fluid (kg)	23.6 w/ Base



**M18 SWITCH TANK 15L
WATER SPRAYER TANK**

M18 BPPF-WST

Capacity (L)	15
Flow Rate (l/min)	0.6-4.6
Max Pressure (bar)	4.14
Hose Length w/ Quick Connect (m)	3
Nozzle Type	Water Spraying Nozzle
Weight w/ 4.0Ah Battery Pack & 15L Fluid (kg)	23.7 w/ Base



SWITCH TANK SYSTEM ACCESSORY

Replacement Sprayer Hose, Handle, Wand Assembly

49-16-2727 Designed for M18 BPPF-CST

Replacement Sprayer Nozzles

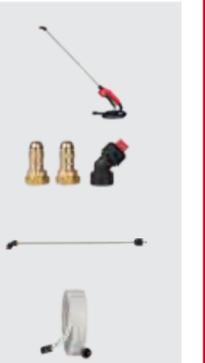
49-16-2728 Designed for M18 BPPF-CST

18" Short Sprayer Wand

49-16-2729 Designed for M18 BPPF-CST

Replacement Water Supply Hose

49-16-2730 Designed for M18 BPPF-WST



BATTERY PACK

M12™

Product	Model Number	Speed/Material	Battery Pack				
			M12B2 2.0Ah	M12B3 3.0Ah	M12B4 4.0Ah	M12B6 6.0Ah	
	M12 FUEL™ Hatchet 6" Pruning Saw	M18 FHS	2" Hardwood	64	95	127	191
	M12 FUEL™ Hedge Trimmer	M12 FHT20	No Load, Minutes	20	30	50	60

M18™

Product	Model Number	Speed/Material	Battery Pack							
			M18B2 2.0 Ah	M18B3 3.0Ah	M18BX 3.0Ah	M18B4 4.0Ah	M18B5 5.0Ah	M18B6 6.0Ah	M18B8 8.0Ah	M18B12 12.0 Ah
	M18 FOPH-LTA	HIGH (Minutes)	8.29	12.43	12.43	16.58	20.72	24.87	33.16	49.73
		LOW (Minutes)	14.72	22.08	22.08	29.44	36.81	44.17	58.89	88.33
	M18 BLLT	HIGH (Minutes)	8.86	13.3	13.3	17.73	22.16	26.69	35.46	53.18
		LOW (Minutes)	17.52	26.28	26.28	35.04	43.8	54.76	70.08	105.12
	M18 FOPH-EA	HIGH	26.59	39.88	39.88	53.18	66.47	79.77	106.36	159.53
	M18 FOPH-HTA	Minutes	17.6	26.4	26.4	35.2	44	52.8	70.4	105.6
	M18 FOPH-CSA	Cuts in 3" Oak	41	62	62	82	103	123	166	247
	M18 FBL	HIGH (Minutes)	4.09	6.14	6.14	8.19	10.23	12.28	16.37	24.56
		LOW (Minutes)	11.98	17.97	17.97	23.96	29.95	35.94	47.92	71.88
	M18 CHT	Minutes	35.27	52.91	52.91	70.55	88.18	105.82	141.09	211.64
	M18 FCHS	Cuts in 6"X6" Cedar	25	38	38	50	63	75	100	150
	M18 F2LM53	Area / Minute*	-	-	-	-	-	> 1011 m ² 30min	> 1349 m ² 40min	> 2023 m ² 60min

- MX FUEL**
- M18**
- M12**
- FORCE LOGIC**
- SITE LIGHTING**
- LIFESTYLE**
- OUTDOOR POWER EQUIPMENT**
- JOBSITE CLEANUP**
- BATTERY & CHARGER**
- TEST & MEASUREMENT**
- CORDED**
- HAND TOOLS**
- STORAGE & SAFETY SOLUTIONS**
- ACCESSORIES**

JOBSITE CLEANUP MADE EASY



M18 FUEL
23L WET/DRY VACUUM

M18 FVC23L

Voltage	18V
Air Volume (L/m)	2081
Max. Vacuum (mbar)	142
Capacity (L)	23
Peak HP	3.5



M18 FUEL **34L DUAL BATTERY**
WET/DRY VACUUM

M18 F2VC34L

Voltage	18V x 2
Air Volume (L/m)	2435
Max. Vacuum (mbar)	174
Capacity (L)	34
Peak HP	4.25



M18 FUEL **45L DUAL BATTERY**
WET/DRY VACUUM

M18 F2VC45L

Voltage	18V x 2
Air Volume (L/m)	2803
Max. Vacuum (mbar)	162
Capacity (L)	45
Peak HP	4.25



M18 FUEL
PACKOUT WET/DRY VACUUM

M18 FPOVCL

Voltage	18V
Air Volume (L/m)	1416
Max. Vacuum (mbar)	117
Capacity (L)	9.5
Weight w/ 5.0Ah Battery Pack (kg)	5.9



M12 FUEL
WET/DRY VACUUM

M12 FVCL

Voltage	12V
Air Volume (L/m)	1275
Max. Vacuum (mbar)	105
Capacity (L)	6.1
Weight w/ 6.0Ah Battery Pack (kg)	5



M18
WET/DRY VACUUM

Voltage	18V
Air Volume (L/m)	1300
Max. Vacuum (mbar)	80
Capacity (L)	7.5
Weight w/ 5.0Ah Battery Pack (kg)	5.3

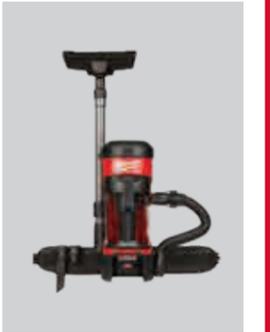


M18 VC-2

M18 FUEL
BACKPACK VACUUM

M18 FBPV

Voltage	18V
Air Volume (L/m)	1557
Max. Vacuum (mbar)	189
Capacity (L)	3.8
Weight w/ 2.0Ah Battery Pack (kg)	8.4



M18 FUEL
COMPACT VACUUM

M18 FCVL

Voltage	18V
Air Volume (L/m)	764
Max. Vacuum (mbar)	184
Capacity (L)	0.95
Weight w/ 2.0Ah Battery Pack (kg)	4.49



M18
COMPACT VACUUM

M18 CV

Voltage	18V
Air Volume (L/m)	1019
Max. Vacuum (mbar)	94
Capacity (L)	1
Weight w/ 5.0Ah Battery Pack (kg)	1.9



M12
COMPACT SPOT BLOWER

M12 BBL

Voltage	12V
Max. Air Volume (m³/minute)	4.9
Max. Airflow Speed (km/h)	177
Noise Rating (db)	78
Length without Nozzle (mm)	380
Weight w/ 2.0Ah Battery Pack (kg)	1.9



M18
COMPACT BLOWER

M18 BBL

Voltage	18V
Max. Air Volume (m³/minute)	2.9
Max. Airflow Speed (km/h)	42.8
Noise Rating (db)	77.7
Length without Nozzle (mm)	375
Weight w/ 4.0Ah Battery Pack (kg)	1.9



MX FUEL
M18
M12
FORCE LOGIC
SITE LIGHTING
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CORDED
HAND TOOLS
STORAGE & SAFETY SOLUTIONS
ACCESSORIES

REDLITHIUM BATTERY TECHNOLOGY



REVOLUTIONARY PERFORMANCE

SUPER PACK CONSTRUCTION



BATTERY FUEL GAUGE
Displays remaining run-time



TEMP CONTROL CELL FRAME
Provides a strong structure and transfers energy efficiently for maximum life

PATENTED REDLINK PLUS™ INTELLIGENCE

Protects the pack in abusive situations, provides optimum performance, and monitors the cells for maximum life



SHOCK RESPONSIVE SEPARATORS
Prevents pack failure from vibration or drops

SINGLE PIECE CELL CARRIER

Full enclosure protects cells and provides a strong structure delivering maximum durability



LITHIUM-ION BATTERY CELLS
Deliver high power

RUBBER OVERMOLD
Protects cells and pack during drops and provides maximum life



REDLITHIUM™
HIGH OUTPUT

* Compared with previous Milwaukee battery technology. Results dependent on voltage, tool and application.

LITHIUM-ION BATTERY TECHNOLOGY



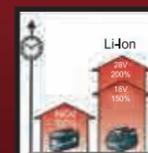
M™-Technology offers a new power dimension in cordless tools. M™ Class battery packs up to 28 volts enable applications with cordless tools where corded tools had to be used before.



The extreme weather performance of Li-Ion cells guarantees independence from weather conditions. They always work, from -20° Celsius to +75° Celsius.



The on board battery fuel gauge displays the remaining power. Empty batteries on the job site are obsolete.



Optimal runtime than in existing NiCd or NiMH batteries enables you to work longer without recharging batteries.



light and powerful: despite having more power, these battery packs are much lighter than the known NiCd / NiMH packs, more ergonomic, less physical fatigue.



Consistent, fade free power guarantees the same performance from the first use until you have to recharge the battery. Due to the patented control electronics every single cell is under permanent inspection. This increases the lifetime and always supplies full power.



Environmentally friendly! With no heavy metals, M™-Technology batteries are environmentally friendly.



Hassle-free charging due to M™-Technology charger. Equipped with a performance optimizing circuit, Li-Ion batteries run more efficiently, charge quickly and are ready to go back to work faster.

REDLITHIUM™
CURRENT

**REDLITHIUM™
CELL**

- ⊕ High Power Cell
- ⊕ Fade Free Performance
- ⊕ Lasts in Extreme Environments



HO REDLITHIUM™
HIGH OUTPUT BATTERY TECHNOLOGY

NEW

In Addition

- ⊕ New Larger Cell
- ⊕ Higher Power Density
- ⊕ Runs Cooler
- ⊕ Lower Electrical Resistance



**REDLINK™
ELECTRONICS**

- ⊕ Individual Cell Monitoring
- ⊕ Digital Overload Protection
- ⊕ System Performance Optimisation



In Addition

- ⊕ New High Power Processor
- ⊕ Higher Current Handling
- ⊕ Maintains Existing M18™ System Compatibility



CONSTRUCTION

- ⊕ Best-in-Class Pack Construction
- ⊕ Long-lasting Reliability
- ⊕ Proven Durability on the Jobsite



In Addition

- ⊕ New Ground Up Construction
- ⊕ Improved Current Flow
- ⊕ Lower Temperature Rise



**WORKS FASTER, LONGER,
HARDER & EXTREMER***

- ⊕ More Power*
- ⊕ More Run-Time*
- ⊕ Longer Battery Life*
- ⊕ Works Down to -20°C

* vs. standard lithium-ion technologies

**MOST POWERFUL
MILWAUKEE™ BATTERY EVER**

- ⊕ Up to 50% More Power
- ⊕ Up to 33% More Run-time
- ⊕ Runs up to 50% Cooler
- ⊕ Works Down to -28°C

** vs. standard REDLITHIUM™ batteries in high current draw applications
*** 12.0Ah vs. 9.0Ah

APPLICATION

All professional trade applications

High demand applications requiring high output current

BATTERY RANGE



**M12 REDLITHIUM
2.0Ah BATTERY PACK**

M12B2

Voltage	12V
Capacity	2.0 Ah
Battery Type	Lithium-Ion
Weight (kg)	0.2



**M12 REDLITHIUM
3.0Ah BATTERY PACK**

M12B3

Voltage	12V
Capacity	3.0 Ah
Battery Type	Lithium-Ion
Weight (kg)	0.2



**M12 REDLITHIUM
4.0Ah BATTERY PACK**

M12B4

Voltage	12V
Capacity	4.0 Ah
Battery Type	Lithium-Ion
Weight (kg)	0.4



**M12 REDLITHIUM
6.0Ah BATTERY PACK**

M12B6

Voltage	12V
Capacity	6.0 Ah
Battery Type	Lithium-Ion
Weight (kg)	0.4



**M12 REDLITHIUM
HIGH OUTPUT 2.5Ah BATTERY**

M12 HB2.5

Voltage	12V
Capacity	2.5Ah
Battery Type	Lithium-Ion
Weight (kg)	0.2



**M12 REDLITHIUM
HIGH OUTPUT 5.0Ah BATTERY**

M12 HB5.0

Voltage	12V
Capacity	5.0Ah
Battery Type	Lithium-Ion
Weight (kg)	0.4



**M18 REDLITHIUM
2.0Ah BATTERY PACK**

M18B2

Voltage	18V
Capacity	2.0 Ah
Battery Type	Lithium-Ion
Weight (kg)	0.4



**M18 REDLITHIUM
4.0Ah BATTERY PACK**

M18B4

Voltage	18V
Capacity	4.0 Ah
Battery Type	Lithium-Ion
Weight (kg)	0.7



**M18 REDLITHIUM
5.0Ah BATTERY PACK**

M18B5

Voltage	18V
Capacity	5.0 Ah
Battery Type	Lithium-Ion
Weight (kg)	0.7



**M18 REDLITHIUM
5.0Ah RESISTANT BATTERY PACK**

M18 B5-CR

Voltage	18V
Capacity	5.0 Ah
Battery Type	Lithium-Ion
Weight (kg)	0.7



**M18 REDLITHIUM HIGH OUTPUT
3.0Ah BATTERY**

M18 HB3

Voltage	18V
Capacity	3.0 Ah
Battery Type	Lithium-Ion
Weight (kg)	0.7



**M18 REDLITHIUM HIGH OUTPUT
6.0Ah BATTERY**

M18 HB6

Voltage	18V
Capacity	6.0 Ah
Battery Type	Lithium-Ion
Weight (kg)	1.1



M12 M18
SUPER CHARGER

M12-18SC

System	M12 / M18	
Charging time	M12B2	28 min
	M12B4	60 min
	M18B2	26 min
	M18B5	59 min
	M18 HB3	35 min
	M18 HB8	45 min
	M18 HB12	60 min
Weight (kg)	1.6	



M12 M18
CHARGER

M12-18C

System	M12 / M18	
Charging time	M18B2	40 min
	M18B5	100 min
	M18 HB3	65 min
	M18 HB8	167 min
	M18 HB12	250 min
Weight (kg)	0.7	



M18
DUAL BAY FAST CHARGER

M18 DFC

System	M18	
Charging time	M18B2	26 min
	M18B4	47 min
	M18B5	59 min
	M18 HB3	35 min
	M18 HB8	83 min
	M18 HB12	130 min
Weight (kg)	1.8	



M18
6-BAY PACKOUT FAST CHARGER

M18 PC6

System	M18	
Charging time	M18B2	26 min
	M18B4	47 min
	M18B5	59 min
	M18 HB3	35 min
	M18 HB8	83 min
	M18 HB12	130 min
Weight (kg)	TBC	



M12 M18
RAPID CHARGER

M12-18FC

System	M12 / M18	
Charging time	M18B2	26 min
	M18B5	59 min
	M18 HB3	35 min
	M18 HB8	87 min
	M18 HB12	130 min
	Weight (kg)	0.7



M12 M18
RAPID CHARGE STATION

M12-18C3

System	M12 / M18	
Charging time	M18B2	26 min
	M18B5	59 min
	M18 HB3	35 min
	M18 HB8	87 min
	M18 HB12	130 min
Weight (kg)	3.8	



M12 M18
VEHICLE CHARGER

M12-18AC

System	M12 / M18	
Charging time	M12 B3	90 min
	M12 B6	165 min
	M18 B2	70 min
	M18 B5	140 min
	Weight (kg)	0.7



M12
CHARGER

C12C

System	M12	
Charging time	M12 B2	40 min
	M12 B3	70 min
	M12 B4	80 min
	M12 B6	130 min
Weight (kg)	0.5	



M18
POWER SUPPLY

M18 USB PS HJ2

System	M18	
Length (mm)	83	
USB Port	2.1 Amps	
Weight w/ 2.0Ah Battery Pack (kg)	1.0	



M12
TRAVEL CHARGER

M12 TC

System	M12	
Charging time	M12 B2	174 min
	M12 B4	347 min
	M12 B6	525 min
Weight (kg)	0.2	



M18™

**PERFORMANCE DRIVEN
TRADE FOCUSED
SYSTEM WIDE**



FITS M18 TOOLS



HIGH DEMAND



HIGH OUTPUT™
M18 HB12
M18 REDLITHIUM-ION
HIGH OUTPUT
12.0Ah Battery Pack



EXTRA CAPACITY



HIGH OUTPUT™
M18 HB8
M18 REDLITHIUM-ION
HIGH OUTPUT
8.0Ah Battery Pack



HIGH OUTPUT™
M18 HB6
M18 REDLITHIUM-ION
HIGH OUTPUT
6.0Ah Battery Pack



M18B5
M18 REDLITHIUM-ION
5.0Ah Battery Pack



M18 B5-CR
M18 REDLITHIUM 5.0Ah
Resistant Battery



M18B4
M18 REDLITHIUM-ION
4.0Ah Battery Pack

NEW



COMPACT PACK



HIGH OUTPUT™
M18 HB3
M18 REDLITHIUM-ION
HIGH OUTPUT
3.0Ah Battery Pack



M18B2
M18 REDLITHIUM-ION
2.0Ah Battery Pack



BATTERY COMPATIBILITY

M12

PORTABLE PRODUCTIVITY TRADE FOCUSED SYSTEM WIDE



FITS M12 TOOLS

MORE POWER AND RUN-TIME



M12B6
M12 REDLITHIUM-ION
6.0Ah Battery Pack



M12B4
M12 REDLITHIUM-ION
4.0Ah Battery Pack



HIGH OUTPUT™
M12HB5.0
M12 High Output
5.0Ah Battery Pack

NEW

LESS WEIGHT AND SMALLER SIZE



M12B3
M12 REDLITHIUM-ION
3.0Ah Battery Pack



M12B2
M12 REDLITHIUM-ION
2.0Ah Battery Pack



HIGH OUTPUT™
M12HB2.5
M12 High Output
2.5Ah Battery Pack

NEW

SUPER, RAPID & STANDARD CHARGING SOLUTIONS

CHARGE
FASTER
with **SUPERCHARGER**

REDLITHIUM™
HIGH OUTPUT



M18 HB12

60 mins SUPER*

130 mins RAPID

250 mins STANDARD

CHARGE TIME

	SUPER		RAPID			STANDARD			
FEATURES									
	M12-18SC	M12-18FC	M18 DFC	M18™ 6-Bay PACKOUT™ Fast Charger M18PC6 NEW	M12-18C3	M12-18C	M12-18AC	C12C	M12 TC
M18 Ports	1	1	2	8	3	1	1		
M12 Ports	1	1			3	1	1	1	1
USB Ports									1
Charge Type	Sequential	Sequential	Simultaneous	2 Packs Simultaneous	3 Packs Simultaneous	Sequential	Sequential	Single	Single
Power Source	AC	AC	AC	AC	AC	AC	DC	AC	AC or USB
Carry Handle				✓	✓				
Wall Mountable	✓	✓	✓	✓	✓	✓	✓	✓	

Optimized for
HIGH OUTPUT™
Batteries

HIGH OUTPUT™



	M18 HB12	M18 HB8	M18 HB6	M18 HB3	M18 B5	M18 B4	M18 B2	M12 B6	M12 B4	M12 B3	M12 B2
SUPER CHARGER M12-18SC	60 min	45 min	35 min	35 min	59 min	47 min	26 min	103 min	60 min	67 min	28 min
RAPID CHARGER M12-18FC	130 min	83 min	65 min	35 min	59 min	47 min	26 min	103 min	60 min	67 min	28 min
STANDARD CHARGER M12-18C	250 min	162 min	123 min	65 min	100 min	80 min	40 min	134 min	77 min	67 min	43 min

*Estimated charge durations based on testing conducted by Milwaukee Tool at room temperature. Actual results may vary.

MX FUEL
M18
M12
FORCE LOGIC
SITE LIGHTING
LIFESTYLE
OUTDOOR POWER EQUIPMENT
JOBSITE CLEANUP
BATTERY & CHARGER
TEST & MEASUREMENT
CORDED
HAND TOOLS
STORAGE & SAFETY SOLUTIONS
ACCESSORIES

DESIGNED TO A HIGHER STANDARD

MX FUEL
M18
M12
FORCE LOGIC
SITE LIGHTING
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JOBSITE CLEANUP
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TEST & MEASUREMENT
CORDED
HAND TOOLS
STORAGE & SAFETY SOLUTIONS
ACCESSORIES

POWERFUL AND DURABLE



TRUE RMS MULTIMETER

2217-20

Battery	Alkaline (AA)
Display Type	White on Black LCD
Switch Type	Dial
TRMS	Yes
Current AC DC	10.00A
Voltage AC DC	600V
Frequency	10 Hz - 50 kHz
Resistance	40MΩ
Continuity	Audible
Capacitance	1,000μF
Contact Temperature (°C)	-40 to 400
Backlight	Yes
Bargraph	Yes



10-1000V DUAL RANGE VOLTAGE DETECTOR

2203-20

Battery	AAA battery
Length (mm)	150.4
LED work light	Yes
Range	10-49V 50-1000V
Weight (g)	68.04



26 MM SDS-PLUS ROTARY HAMMER (2-MODE)

PFH 26

Power Input (W)	725
Impact Energy(J)	2.4
Max. Hammer Rate (bpm)	0-4500
No Load Speed (rpm)	0-1250
Max. Drilling Concrete (mm)	26
Max. Drilling Steel (mm)	13
Max. Drilling Wood (mm)	30
Vibration Drilling (m/s ²)	13.5
Weight (kg)	2.4



26 MM SDS-PLUS ROTARY HAMMER (3-MODE)

PH 26T

Power Input (W)	800
Impact Energy(J)	2.4
Max. Hammer Rate (bpm)	0-4500
No Load Speed (rpm)	0-1500
Max. Drilling Concrete (mm)	26
Max. Drilling Steel (mm)	13
Max. Drilling Wood (mm)	30
Vibration Drilling (m/s ²)	13.6
Vibration Chiseling (m/s ²)	11.9
Weight (kg)	2.4



28 MM SDS-PLUS L-SHAPED ROTARY HAMMER (3-MODE)

PLH 28 E / PLH 28 XE (FIXTEC)

Power Input (W)	800
Impact Energy(J)	4.8
Max. Hammer Rate (bpm)	0-4000
No Load Speed (rpm)	0-1500
Max. Drilling Concrete (mm)	28
Max. Drilling Steel (mm)	13
Max. Drilling Wood (mm)	40
Vibration Drilling (m/s ²)	10.6
Vibration Chiseling (m/s ²)	6.8
Weight (kg)	3.6



5 KG SDS-MAX DRILLING AND BREAKING HAMMER

Kango 540S

Power Input (W)	1100
Impact Energy(J)	7.5
Max. Hammer Rate (bpm)	0-3000
No Load Speed (rpm)	0-430
Max. Drilling Concrete (mm)	40
Max. Drilling Core Bit (mm)	105
Max. Drilling Tunnel Bit (mm)	65
Vibration Drilling (m/s ²)	16.8
Vibration Chiseling (m/s ²)	16.7
Weight (kg)	6.3



7 KG SDS-MAX DRILLING AND BREAKING HAMMER

Kango 750S

Power Input (W)	1500
Impact Energy(J)	11.9
Max. Hammer Rate (bpm)	0-2700
No Load Speed (rpm)	0-300
Max. Drilling Concrete (mm)	50
Max. Drilling Core Bit (mm)	150
Max. Drilling Tunnel Bit (mm)	80
Vibration Drilling (m/s ²)	9.5
Vibration Chiseling (m/s ²)	9.1
Weight (kg)	8.2



5 KG SDS-MAX DEMOLITION HAMMER

Kango 500S

Power Input (W)	1300
Impact Energy(J)	8.5
Max. Hammer Rate (bpm)	0-2840
No Load Speed (rpm)	0-300
Max. Drilling Concrete (mm)	45
Max. Drilling Core Bit (mm)	100
Max. Drilling Tunnel Bit (mm)	65
Vibration Drilling (m/s ²)	11.5
Weight (kg)	8.2



10 KG DEMOLITION HAMMER

Kango 900S (SDS-Max fitting)
Kango 900K (K-Hex bit fitting)

Power Input (W)	1600
Impact Energy(J)	20
Max. Hammer Rate (bpm)	975-1950
Vibration Chiseling (m/s ²)	11
Weight (kg)	11



250 MM DIAMOND DRILLING HAMMER

DCM 2-250C
DR 250TV (Rig)

Power Input (W)	2800
Max. Drilling Core Bit (mm)	250
No Load Speed Gear 1 (rpm)	0-450
No Load Speed Gear 2 (rpm)	0-900
Tool Reception	1 1/4" UNC
Weight (kg)	9.0



350 MM DIAMOND DRILLING HAMMER

DCM 2-350C
DR 350TV (Rig)

Motor Input (W)	2800
Max. Drilling Core Bit (mm)	350
No Load Speed Gear 1 (rpm)	0-300
No Load Speed Gear 2 (rpm)	0-600
Tool Reception	1 1/4" UNC
Weight (kg)	9.0



2 SPEED DRY DIAMOND DRILL

DD 2-160 XE

Power Input (W)	1500
No Load Speed Gear 1 (rpm)	0-1500
No Load Speed Gear 2 (rpm)	0-3000
Max. Hammer Rate Gear 1 (bpm)	0-24000
Max. Hammer Rate Gear 2 (bpm)	0-48000
Max. Static Stalling Torque (Nm)	50
Max. Drilling capacity, Gear 1 (mm)	162
Max. Drilling capacity, Gear 2 (mm)	90
Tool Reception	M18 x 2.5
Weight (kg)	4.2



**IMPACT WRENCH
3/4" SQUARE DRIVE**

IPWE 520R

Power Input (W)	725
No Load Speed Gear (rpm)	0-1700
Max. Bolt Diameter	M24
Impact Rate (ipm)	1000-2500
Max. Torque (Nm)	520
Anvil Type	3/4" Square
Weight (kg)	2.8



**IMPACT WRENCH
1/2" SQUARE DRIVE**

IPWE 400R

Power Input (W)	725
No Load Speed Gear (rpm)	0-1700
Max. Bolt Diameter	M20
Impact Rate (ipm)	1000-2600
Max. Torque (Nm)	400
Anvil Type	1/2" Square
Weight (kg)	2.7



**SAWZALL
1,100 W - 28 MM STROKE LENGTH**

SSD 1100 X

Power Input (W)	1100
No Load Stroke Rate (spm)	0-2900
Stroke (mm)	28
Weight (kg)	3.2



**SAWZALL
1,300 W - 32 MM STROKE LENGTH**

SSPE 1300QX
SSPE 1300SX

Power Input (W)	1300
No Load Stroke Rate (spm)	0-3000
Stroke (mm)	32
Weight (kg)	4.2



**COMPACT
ANGLE GRINDER 100 MM - 720 W**

AG 7-100 S

Power Input (W)	720
No Load Speed (rpm)	11000
Disc Diameter (mm)	100
Spindle Size	M10
Weight (kg)	1.8



**COMPACT
ANGLE GRINDER 100 MM - 1,000 W**

AG 10-100

Power Input (W)	1000
No Load Speed (rpm)	11000
Disc Diameter (mm)	100
Spindle Size	M10
Max. Cutting Depth (mm)	15
Weight (kg)	2.1



**MEDIUM ANGLE
GRINDER 125 MM - 1,200 W**

AGV 12-125X
AGV 12-125XP

Power Input (W)	1200
No Load Speed (rpm)	11000
Disc Diameter (mm)	125
Spindle Size	M14
Max. Cutting Depth (mm)	33
Weight (kg)	2.4



**MEDIUM ANGLE
GRINDER 125 MM - 1,750 W**

AGV 17-125XE

Power Input (W)	1750
No Load Speed (rpm)	2600 - 11000
Disc Diameter (mm)	125
Spindle Size	M14
Max. Cutting Depth (mm)	34
Weight (kg)	2.7



**MEDIUM ANGLE GRINDER 150
MM - 1,750 W**

AGV 17-150XC

Power Input (W)	1750
No Load Speed (rpm)	0-9500
Disc Diameter (mm)	150
Spindle Size	M14
Max. Cutting Depth (mm)	46
Weight (kg)	2.9



**LARGE ANGLE
GRINDER 180 MM - 1,750 W**

AGV 17-180XC

Power Input (W)	1750
No Load Speed (rpm)	0-7600
Disc Diameter (mm)	180
Spindle Size	M14
Max. Cutting Depth (mm)	59
Weight (kg)	3.1



**LARGE ANGLE GRINDER 230 MM -
2,100 W**

AGV 21-230GEX

Power Input (W)	2100
No Load Speed (rpm)	6600
Disc Diameter (mm)	230
Spindle Size	M14
Max. Cutting Depth (mm)	68
Weight (kg)	5.5



**LARGE ANGLE
GRINDER 230 MM - 2,400W**

AG 24-230E
AG 24-230E/DMS

Power Input (W)	2400
No Load Speed (rpm)	0-6600
Disc Diameter (mm)	230
Spindle Size	M14
Max. Cutting Depth (mm)	68
Weight (kg)	5.3



**POLISHER
150 MM - 1,200 W**

AP 12E

Power Input (W)	1200
No Load Speed (rpm)	900-2500
Disc Diameter (mm)	150
Spindle Size	M14
Weight (kg)	2.2



**SANDER
180 MM - 1,200 W**

AS 12E

Power Input (W)	1200
No Load Speed (rpm)	1800-4800
Disc Diameter (mm)	180
Spindle Size	M14
Weight (kg)	2.5



**DEEP CUT BANDSAW
125 MM - 1,200 W**

HBS 120 E

Power Input (W)	1200
Surface Feet/ min (sfpm)	0-380
Variable Speed	Yes
Tool Free Blade Change	Yes
Capacity (mm)	125 x 125
Weight (kg)	6.5



**CHOP SAW
355 MM - 2,300 W**

CHS 355

Power Input (W)	2300
No Load Speed (rpm)	3800
Abrasive Wheel Diameter (mm)	355
Max. Cutting Capacity (mm) at 90°/ 45°	
Round Profile	125 / 100
Square Profile	115 / 80
Rectangular Profile	230 x 70
L-Shape Profile	130 x 80
Weight (kg)	18



**DIE GRINDER
LONG BODY TYPE - VARIABLE SPEED**

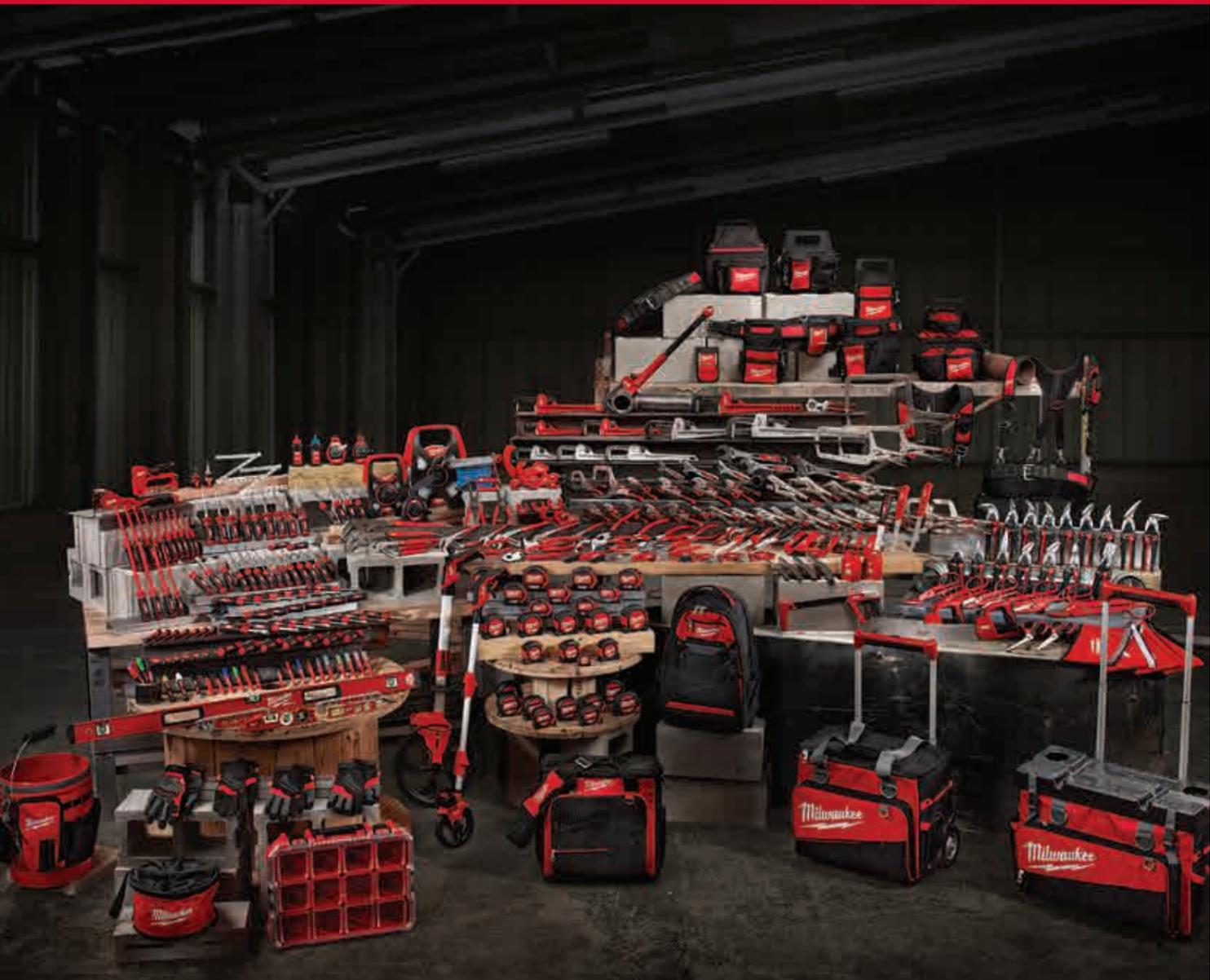
DGL 30E

Power Input (W)	600
Collet Diameter (mm)	6
No Load Speed (rpm)	10000-30000
Max. Grinder Wheel Dia. (At 80 m/sec) (mm)	40
(At 45 m/sec) (mm)	20
Weight (kg)	1.9



MX FUEL
M18
M12
FORCE LOGIC
SITE LIGHTING
LIFESTYLE
OUTDOOR POWER EQUIPMENT
JOBSITE CLEANUP
BATTERY & CHARGER
TEST & MEASUREMENT
CORDED
HAND TOOLS
STORAGE & SAFETY SOLUTIONS
ACCESSORIES

ULTIMATE PRODUCTIVITY.
SUPERIOR PERFORMANCE.



SHORT TAPE MEASURES

STUD TAPE MEASURE



- FINGER STOP
- EX0360 RIP & WEAR RESISTANT

PART #	DESCRIPTION
48-22-9906	5m STUD Tape Measure
48-22-9907	7.5m STUD Tape Measure
48-22-9918	5m/16ft STUD Tape Measure
48-22-9936	7.5m/25ft STUD Tape Measure
48-22-9706	5m STUD Magnetic Tape Measure
48-22-9707	8m STUD Magnetic Tape Measure
48-22-9718	5m/16ft STUD Magnetic Tape Measure
48-22-9736	8m/26ft STUD Magnetic Tape Measure

COMPACT AUTOLOCK TAPE MEASURE



- NYLON BOND BLADE
- AUTOLOCK
- 5-POINT REINFORCED

PART #	DESCRIPTION
48-22-6845	5m Compact Autolock Tape Measure
48-22-6848	8m Compact Autolock Tape Measure

COMPACT MAGNETIC TAPE MEASURE



- NYLON BOND BLADE
- PATENTED FINGER STOP
- MAGNETIC TIP

PART #	DESCRIPTION
48-22-0605	5m Compact Magnetic Tape Measure
48-22-0608	8m Compact Magnetic Tape Measure
48-22-0616	5m/16' Compact Magnetic Tape Measure
48-22-0626	8m/26' Compact Magnetic Tape Measure

PREMIUM KEYCHAIN TAPE MEASURE



- DURABLE HOUSING
- HEAVY DUTY CLIP
- NYLON COATED BLADE

PART #	DESCRIPTION
48-22-5506	2m/6ft Keychain tape measure
48-22-5507	2m Keychain tape measure

COMPACT GENERAL CONTRACTOR TAPE MEASURE



- NYLON BOND BLADE
- 5-POINT REINFORCED
- FRACTIONAL SCALE

PART #	DESCRIPTION	PART #	DESCRIPTION
48-22-6603	3m Tape measure	48-22-6613	3m/12ft Tape measure
48-22-6605	5m Tape measure	48-22-6617	5m/16ft Tape measure
48-22-6608	8m Tape measure	48-22-6626	8m/26ft Tape measure

LONG TAPE MEASURES



- BLADE PROTECTION
- DEBRIS WIPER
- METAL PLANETARY GEARS

PART #	DESCRIPTION
48-22-5330	30m/100' Fiberglass Open Reel Long Tape
48-22-5360	60m/200' Fiberglass Open Reel Long Tape
48-22-5310	100m/300' Fiberglass Open Reel Long Tape



The Milwaukee Story
 MX-FUEL
 M18
 M12
 Force Logic
 Site Lighting
 Lifestyle
 Outdoor Power Equipment
 Jobsite Cleanup
 Battery & Charger
 Test & Measurement
 Corded
 Hand Tools
 Storage & Safety Solutions
 Accessories

LEVELS

REDSTICK COMPACT BOX LEVELS

- SHARPESITE™ VIALS
- COMPACT FRAME



PART #	DESCRIPTION
4932459078	REDSTICK Compact Box Level 40cm non-magnetic
4932459079	REDSTICK Compact Box Level 40cm magnetic
4932459080	REDSTICK Compact Box Level 60cm non-magnetic
4932459081	REDSTICK Compact Box Level 60cm magnetic
4932459082	REDSTICK Compact Box Level 80cm non-magnetic
4932459083	REDSTICK Compact Box Level 80cm magnetic
4932459084	REDSTICK Compact Box Level 100cm non-magnetic
4932459085	REDSTICK Compact Box Level 100cm magnetic
4932459086	REDSTICK Compact Box Level 120cm non-magnetic
4932459087	REDSTICK Compact Box Level 120cm magnetic
4932459088	REDSTICK Compact Box Level 180cm non-magnetic
4932459089	REDSTICK Compact Box Level 180cm magnetic
4932459681	End-caps for REDSTICK Compact Box level

TORPEDO LEVELS

- SHARPESITE™ VIALS
- AMPLIFIED RARE EARTH
- 360° ACCURACY



PART #	DESCRIPTION
4932459097	Billet Torpedo Level
4932459096	Block Torpedo Level

POCKET LEVELS

- ADJUSTABLE VIAL
- RARE-EARTH MAGNET
- LOCKING SCREW



PART #	DESCRIPTION
48-22-5102	360° Pocket Level
48-22-5603	Pocket Level
48-22-5001	Pipe Lock Level



CHALK REELS AND ACCESSORIES

- CLUTCH & PLANETARY GEARS
- FLUSH HANDLE STORAGE
- LOW SPILLAGE LINE



PART #	DESCRIPTION
48-22-3980	30m (100ft) Bold Line Chalk Reel (Bare-Tool)
48-22-3982	30m (100ft) Bold Line Kit w/ Blue Chalk
48-22-3986	30m (100ft) Bold Line Kit w/ Red Chalk
48-22-3989	30m (100ft) Bold Replacement Line
48-22-3990	30m (100ft) Precision Line Chalk Reel
48-22-3992	30m (100ft) Precision Line Kit w/ Blue Chalk
48-22-3999	30m (100ft) Precision Replacement Line



INKZALL MARKERS

INKZALL JOBSITE LIQUID PAINT MARKERS

- WEAR RESISTANT TIP
- CLOG RESISTANT
- HARD HAT CLIP



PART #	DESCRIPTION
48-22-3100	36PC INKZALL Fine Point Black Jobsite Markers
48-22-3102	2PC INKZALL Medium Point Black Jobsite Markers
48-22-3103	1PC INKZALL Chisel Tip Black Jobsite Markers
48-22-3104	4PC INKZALL Fine Point Black Jobsite Markers
48-22-3105	2PC INKZALL Fine Point Black Jobsite Markers
48-22-3106	4PC INKZALL Fine Point Colored Jobsite Markers
48-22-3107	8PC INKZALL Fine Point Colored Jobsite Markers
48-22-3109	4PC INKZALL Chisel Tip Colored Jobsite Markers
48-22-3121	2PC INKZALL Fine Point Silver Jobsite Markers
48-22-3130	36PC INKZALL Chisel Tip Black Jobsite Markers
48-22-3150	12PC INKZALL Ultra Fine Point Black Jobsite Markers
48-22-3154	4PC INKZALL Ultra Fine Point Black Jobsite Markers
48-22-3170	36PC INKZALL Fine Point Red Jobsite Markers
48-22-3180	36PC INKZALL Fine Point Blue Jobsite Markers
48-22-3190	36PC INKZALL Fine Point Green Jobsite Markers
48-22-3711	12PC INKZALL Medium Point White Liquid Paint Markers
48-22-3712	1PC INKZALL Medium Point White Liquid Paint Markers
48-22-3721	12PC INKZALL Medium Point Yellow Liquid Paint Markers
48-22-3722	1PC INKZALL Medium Point Yellow Liquid Paint Markers
48-22-3731	12PC INKZALL Medium Point Black Liquid Paint Markers
48-22-3741	12PC INKZALL Medium Point Red Liquid Paint Markers
48-22-3751	12PC INKZALL Medium Point Green Liquid Paint Markers
48-22-3761	12PC INKZALL Medium Point Blue Liquid Paint Markers
48-22-3771	12PC INKZALL Medium Point Orange Liquid Paint Markers

INKZALL ULTRA FINE POINT JOBSITE PENS

- JOBSITE PEN



PART #	DESCRIPTION
48-22-3160	12PC INKZALL Ultra Fine Point Black Jobsite Pens
48-22-3161	12PC INKZALL Ultra Fine Point Red Jobsite Pens
48-22-3162	12PC INKZALL Ultra Fine Point Blue Jobsite Pens
48-22-3164	4PC INKZALL Ultra Fine Point Black Jobsite Pens
48-22-3165	4PC INKZALL Ultra Fine Point Colored Jobsite Pens

INKZALL JOBSITE HIGHLIGHTERS

- JOBSITE HIGHLIGHTER



PART #	DESCRIPTION
48-22-3201	5PC INKZALL Chisel Tip Yellow Jobsite Highlighters
48-22-3206	5PC INKZALL Chisel Tip Colored Jobsite Highlighters

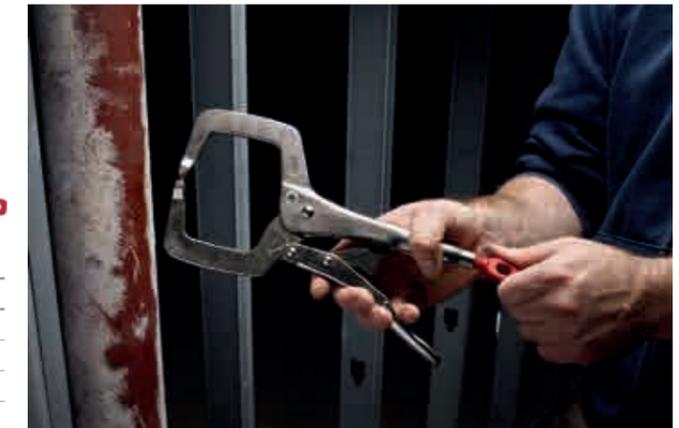


LOCKING CLAMPS

- FASTER SET UP
- ALL-METAL HANDLES
- RUST PROTECTION



PART #	DESCRIPTION
48-22-3521	TORQUE LOCK Locking C-Clamp Swivel Jaws 280mm (11")
48-22-3522	TORQUE LOCK Locking C-Clamp Swivel Jaws 152mm (6")
48-22-3531	TORQUE LOCK Locking C-Clamp Regular Jaws 280mm (11")
48-22-3532	TORQUE LOCK Locking C-Clamp Regular Jaws 152mm (6")



PLIERS

PLIERS

- TAPERED NOSE
- FORGED STRENGTH DESIGN
- RUST RESISTANT



PART #	DESCRIPTION
48-22-6101	Long Nose Pliers 203mm (8")
48-22-6501	Long Nose Pliers 203mm - Dipped Grip (8")
48-22-6103	Crimping Pliers
48-22-6105	Mini Flush Cutters
48-22-6106	Diagonal Cutting Pliers 152mm (6")
48-22-6107	Diagonal Cutting Pliers 177mm (7")
48-22-6108	Diagonal Cutting Pliers 203mm (8")
48-22-6508	Diagonal Cutting Pliers 203mm - Dipped Grip (8")
48-22-6128	Angled Head Diagonal - Comfort Grip (8")
48-22-6528	Angled Head Diagonal Cutting Pliers (8")

TORQUE LOCK™
LOCKING PLIERS

- FASTER SETUP
- RUST PROTECTION



PART #	DESCRIPTION
48-22-3405	TORQUE LOCK Curved Jaw Locking Pliers with Durable Grip 127mm (5")
48-22-3407	TORQUE LOCK Curved Jaw Locking Pliers with Durable Grip 177mm (7")
48-22-3410	TORQUE LOCK Curved Jaw Locking Pliers with Durable Grip 254mm (10")
48-22-3423	TORQUE LOCK Curved Jaw Locking Pliers 101mm (4")
48-22-3422	TORQUE LOCK Curved Jaw Locking Pliers 127mm (5")
48-22-3421	TORQUE LOCK Curved Jaw Locking Pliers 177mm (7")
48-22-3420	TORQUE LOCK Curved Jaw Locking Pliers 254mm (10")
48-22-3406	TORQUE LOCK Long Nose Locking Pliers with Durable Grip 152mm (6")
48-22-3409	TORQUE LOCK Long Nose Locking Pliers with Durable Grip 228mm (9")
48-22-3504	TORQUE LOCK Long Nose Locking Pliers 101mm (4")
48-22-3506	TORQUE LOCK Long Nose Locking Pliers 152mm (6")
48-22-3509	TORQUE LOCK Long Nose Locking Pliers 128mm (9")
48-22-3807	TORQUE LOCK Straight Jaw Locking Pliers with Durable Grip 177mm (7")
48-22-3810	TORQUE LOCK Straight Jaw Locking Pliers with Durable Grip 254mm (10")
48-22-3507	TORQUE LOCK Straight Jaw Locking Pliers 177mm (7")
48-22-3510	TORQUE LOCK Straight Jaw Locking Pliers 254mm (10")
48-22-3607	TORQUE LOCK MAXBITE CURVED JAW LOCKING PLIERS 177mm (7")
48-22-3610	TORQUE LOCK MAXBITE CURVED JAW LOCKING PLIERS 254mm (10")
48-22-3707	TORQUE LOCK Gripped Curved Jaw Locking Pliers with MAXBITE™ 177mm (7")
48-22-3710	TORQUE LOCK Gripped Curved Jaw Locking Pliers with MAXBITE™ 254mm (10")

ELECTRICIAN PLIERS

- BOLT CUTTER
- WIRE STRIPPER
- LOOP MAKER



PART #	DESCRIPTION
48-22-3070	Combination Wire Plier For Non-Metallic
48-22-3079	6 in 1 Combination Pliers
48-22-6109	Wire Stripper/Cutter For Solid & Stranded Wire
48-22-6579	Multi Purpose Wire Stripper with Crimper
48-22-3078	7 in 1 High Leverage Combination Pliers

SPECIALTY PLIERS

- PVC/OIL FILTER PLIERS
- CABLE CUTTING PLIERS
- NIPPING PLIERS



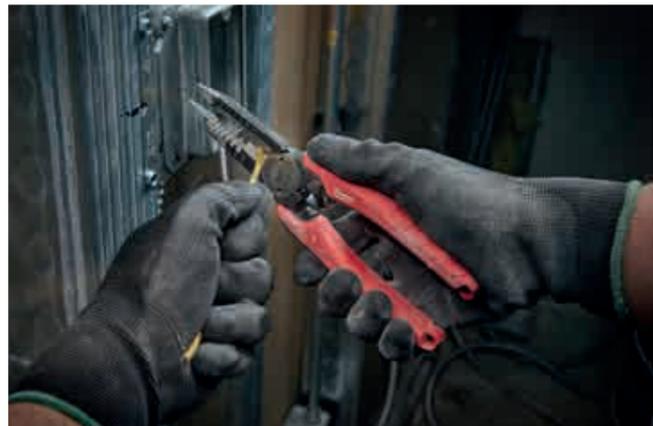
PART #	DESCRIPTION
48-22-6100	Linesman Pliers
48-22-6102	Ironworker's Pliers
48-22-6104	Cable Cutting Pliers
48-22-6321	PVC/Oil Filter Pliers
48-22-6410	Fencing Pliers
48-22-6407	Nipping Pliers (7")
48-22-6500	High Leverage Linesman's Pliers with Crimper
48-22-6502	High Leverage Linesman's Pliers
48-22-6503	High Leverage Linesman's Pliers with Thread Cleaner

PLUMBING PLIERS

- SLIM HEAD DESIGN
- REAMING HANDLES
- ALL-METAL ADJUSTMENT MECHANISM



PART #	DESCRIPTION
48-22-6208	Hex Jaw Pliers (8")
48-22-6210	Hex Jaw Pliers (10")
48-22-6550	Hex Jaw Pliers - Dipped Grip (10")
48-22-6212	Hex Jaw Pliers (12")
48-22-6552	Hex Jaw Pliers - Dipped Grip (12")
48-22-6306	Straight Jaw Pliers (6")
48-22-6310	Straight Jaw Pliers (10")
48-22-6510	Straight Jaw Pliers - Dipped Grip (10")
48-22-6312	Straight Jaw Pliers (12")
48-22-6512	Straight Jaw Pliers - Dipped Grip (12")
48-22-6316	Straight Jaw Pliers (16")
48-22-6320	Straight Jaw Pliers (20")
48-22-6330	Straight Jaw Pliers Set (6") (10")



WRENCHES

PIPE WRENCHES

- ERGONOMIC HANDLE
- DUAL COIL SPRING DESIGN
- OVERBITE JAW



PART #	DESCRIPTION	PART #	DESCRIPTION
48-22-7110	Steel Pipe Wrench (10")	48-22-7210	Aluminum Pipe Wrench (10")
48-22-7112	Steel Pipe Wrench (12")	48-22-7212	Aluminum Pipe Wrench (12")
48-22-7114	Steel Pipe Wrench (14")	48-22-7214	Aluminum Pipe Wrench (14")
48-22-7118	Steel Pipe Wrench (18")	48-22-7218	Aluminum Pipe Wrench (18")
48-22-7314	Cheater Adaptable Pipe Wrench	48-22-7224	Aluminum Pipe Wrench (24")
		48-22-7318	CHEATER Aluminum Adaptable Pipe Wrench NEW

ADJUSTABLE WRENCHES

- ERGONOMIC HANDLE
- PROPRIETARY ADJUSTMENT SCREW



PART #	DESCRIPTION
48-22-7406	Adjustable Wrench (6")
48-22-7408	Adjustable Wrench (8")
48-22-7508	Wide Jaw Adjustable Wrench (8")
48-22-7410	Adjustable Wrench (10")
48-22-7412	Adjustable Wrench (12")
48-22-7415	Adjustable Wrench (15")
48-22-7400	2pc. Adjustable Wrench Set (6") (10")

FLEX HEAD RATCHETING
COMBINATION WRENCHES

- 2.5 DEGREES OF ARC SWING AND 144 RATCHETING POSITIONS
- MAX BITE™ OPEN-END GRIP FOR MORE TORQUE
- INK-FILLED SIZE LABELS FOR EASY SIZE IDENTIFICATION
- COMFORTABLE I-BEAM HANDLE DESIGN



PART #	DESCRIPTION
48-22-9529	Flex Head Ratcheting Combination Wrench 7pc set
48-22-9513	Flex Head Ratcheting Combination Wrench 15pc set
45-96-9608	8mm Flex Head Ratcheting Combination Wrench
45-96-9609	9mm Flex Head Ratcheting Combination Wrench
45-96-9610	10mm Flex Head Ratcheting Combination Wrench
45-96-9611	11mm Flex Head Ratcheting Combination Wrench
45-96-9612	12mm Flex Head Ratcheting Combination Wrench
45-96-9613	13mm Flex Head Ratcheting Combination Wrench
45-96-9614	14mm Flex Head Ratcheting Combination Wrench
45-96-9615	15mm Flex Head Ratcheting Combination Wrench
45-96-9616	16mm Flex Head Ratcheting Combination Wrench
45-96-9617	17mm Flex Head Ratcheting Combination Wrench
45-96-9618	18mm Flex Head Ratcheting Combination Wrench
45-96-9619	19mm Flex Head Ratcheting Combination Wrench
45-96-9620	20mm Flex Head Ratcheting Combination Wrench
45-96-9621	21mm Flex Head Ratcheting Combination Wrench
45-96-9622	22mm Flex Head Ratcheting Combination Wrench

HEX KEYS

- TWIST AND LOCK CASE FOR EASY ACCESS TO KEY
- BALL END FOR UP TO 30° ACCESS TO SCREW
- EASY SIZE IDENTIFICATION
- LANYARD HOLE FOR EASY ATTACHMENT TO THE MILWAUKEE LANYARD RANGE ALLOWING USE AT HEIGHT



PART #	DESCRIPTION
4932478621	9PC Hex Key Set

STRIKING TOOLS

FRAMING HAMMER

- BETTER VIBRATION REDUCTION
- PRECISION BALANCED
- MORE DURABLE GRIP



PART #	DESCRIPTION
48-22-9018	16oz Smooth Face Hammer NEW
48-22-9016	17oz Milled Face Framing Hammer
48-22-9017	17oz Smooth Face Framing Hammer
48-22-9020	20oz Smooth Face Hammer NEW
48-22-9022	22oz Milled Face Framing Hammer
48-22-9023	22oz Smooth Face Framing Hammer
48-22-9029	28oz Milled Face Hammer NEW

POLY FIBERGLASS
HAMMER

- REINFORCED HANDLE
- PRECISION BALANCED
- MAGNETIC NAIL SET



PART #	DESCRIPTION
48-22-9316	19oz Smooth Face Poly/Fiberglass Handle Hammer
48-22-9310	3lb. Fiberglass Drilling Hammer

NAIL PULLER

- SMOOTHPULL™ HIGH LEVERAGE HEAD FOR QUICK NAIL REMOVAL
- BEVELED EDGE NAIL SLOTS FOR BETTER ACCESS
- LOW PROFILE CLAW THAT REDUCES DAMAGE TO SURROUNDING MATERIALS
- REDUCED VIBRATION WITH SHOCKSHIELD™ GRIP



PART #	DESCRIPTION
48-22-9030	9" Finish Nail Puller
48-22-9031	10" Nail Puller
48-22-9032	12" Nail Puller
48-22-9033	10" Molding Puller

PRY BAR

- CLAWS STAY SHARP FOR BETTER ACCESS TO TIGHT SPACES
- EASIER PRYING WITH HIGH LEVERAGE SHEPARD'S HOOK HEAD SHAPE
- OPTIMIZED BEVELED SLOTS FOR PULLING NAILS
- REDUCED VIBRATION WITH SHOCKSHIELD™ GRIP



PART #	DESCRIPTION
48-22-9034	12" Pry Bar
48-22-9035	15" Pry Bar

SCREWDRIVERS & NUTDRIVERS

MULTI-BIT SCREWDRIVERS

- MAGNETIC BIT RETENTION
- IN-HANDLE STORAGE
- LOOP MAKER



PART #	DESCRIPTION	BIT TYPES
48-22-2131	9IN1 ECX Multi Bit Driver	P#1, P#2, SL 3/16", SL 1/4", SQ#2, ECX™#1, ECX™#2
48-22-2133	9IN1 TORX Key Driver	T8, T10, T15, T20, T25, T27, T30
48-22-2136	9IN1 Metric HEX Key Driver	1.5mm, 2mm, 2.5mm, 3mm, 4mm, 5mm, 6mm
48-22-2331	9IN1 ECX Ratcheting Multi Bit Drive	P#1, P#2, SL 3/16", SL 1/4", SQ#2, ECX™#1, ECX™#2

CUSHION GRIP SCREWDRIVER

- CUSHION GRIP
- TACTILE IDENTIFICATION
- WRENCH READY BOLSTER



PART #	DESCRIPTION
48-22-2811	#1 PHILLIPS - 3" Cushion Grip Screwdriver
48-22-2812	#2 PHILLIPS - 4" Cushion Grip Screwdriver
48-22-2813	#3 PHILLIPS - 6" Cushion Grip Screwdriver
48-22-2814	#2 PHILLIPS - 10" Cushion Grip Screwdriver
48-22-2815	#2 PHILLIPS - 6" Cushion Grip Screwdriver
48-22-2821	1/4" SLOTTED - 4" Cushion Grip Screwdriver
48-22-2822	5/16" SLOTTED - 6" Cushion Grip Screwdriver
48-22-2824	3/8" SLOTTED - 8" Cushion Grip Screwdriver
48-22-2831	3/16" CABINET - 3" Cushion Grip Screwdriver
48-22-2832	3/16" CABINET - 6" Cushion Grip Screwdriver
48-22-2833	3/16" CABINET - 8" Cushion Grip Screwdriver
48-22-2834	1/4" CABINET - 10" Cushion Grip Screwdriver
48-22-2884	4PC CUSHION GRIP KIT (P#2, SL 1/4", SL 3/16", SL 5/16")
48-22-2886	6PC CUSHION GRIP KIT (P#1, P#2, P#3, SL 1/4", SL 3/16", SL 5/16")



COMPACT SCREWDRIVER

- MAGNETIC BIT RETENTION
- IN-HANDLE STORAGE



PART #	DESCRIPTION	BIT TYPES
48-22-2330	Compact 8IN1 Ratchet Multi Bit Driver	P#1, P#2, SL 3/16", SL 1/4", SQ#1, SQ#2, T15
48-22-2130	Compact 8IN1 Multi Bit Driver	P#1, P#2, SL 3/16", SL 1/4", SQ#1, SQ#2, T15

INSULATED SCREWDRIVER

- FLAME & IMPACT RESISTANT
- DUAL LAYER INSULATION
- VISIBLE ID MARK



PART #	DESCRIPTION
48-22-2211	#1 Phillips - 76mm (3") 1000V Insulated Screwdriver
48-22-2212	#2 Phillips - 101mm (4") 1000V Insulated Screwdriver
48-22-2213	#3 Phillips - 152mm (6") 1000V Insulated Screwdriver
48-22-2221	1/4" Slotted - 152mm (6") 1000V Insulated Screwdriver
48-22-2222	5/16" Slotted - 177mm (7") 1000V Insulated Screwdriver
48-22-2223	3/8" Slotted - 203mm (8") 1000V Insulated Screwdriver
48-22-2224	3/8" Slotted - 254mm (10") 1000V Insulated Screwdriver
48-22-2231	3/16" Cabinet - 101mm (4") 1000V Insulated Screwdriver
48-22-2232	3/16" Cabinet - 152mm (6") 1000V Insulated Screwdriver
48-22-2233	3/16" Cabinet - 203mm (8") 1000V Insulated Screwdriver
48-22-2210	10 PC 1000V Insulated Screwdriver Set w/ EVA Foam Case
48-22-2204	4 PC 1000V Insulated Screwdriver Set w/ Roll Pouch



SCREWDRIVERS & NUTDRIVERS

HOOK & PICK

- KNURLED SHAFT
- COMFORT HANDLE
- STORAGE TRAY



PART #	DESCRIPTION
48-22-9215	4pc Hook & Pick Set
48-22-9217	4pc Hook & Pick Heavy Duty Set
48-22-9218	8pc Hook & Pick Combo Set
45-74-9211	HOSE PICK - FLAT TIP
45-74-9215	HOSE PICK - HOOK
45-74-9213	HOSE PICK - BENT 90 DEGREE
45-74-9214	HOSE PICK - BENT 45 DEGREE



TRI-LOB SCREWDRIVER SET

- TRI-LOBE HANDLE W/DRIVER ID
- HARDENED MAGNETIC TIPS
- POUCHABLE HANDLE FORM



PART #	DESCRIPTION	BIT TYPES
48-22-2702	2pc Demo Screwdriver Set	P#2, SL 5/16"
48-22-2706	6pc Screwdriver Set	P#1, P#2, SL 3/16", SL 1/4", SL 5/16"
48-22-2708	8pc Screwdriver Set w/ECX	P#1, P#2, SL 3/16", SL 1/4", SL 5/16", ECX™#1, ECX™#2
48-22-2710	10pc Screwdriver Set	P#1, P#2, SL 3/16", SL 1/4", SL 5/16", SQ#1, SQ#2

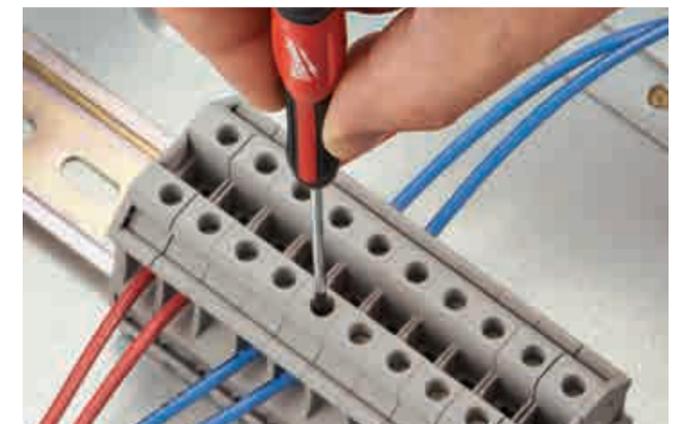


PRECISION SCREWDRIVERS

- EXTENDED REACH
- ALL-METAL CORE
- COLOR CODED MARKINGS



PART #	DESCRIPTION	BIT TYPES
48-22-2604	4pc Precision Screwdriver Set	P#1, SL 1/16", SL 3/32", SL 1/8"
48-22-2606	6pc Precision Screwdriver Set	P#1, P#2, SL 1/16", SL 3/32", SL 1/8", SL 5/32"
48-22-2610	6pc Precision Screwdriver Set	T6, T7, T8, T9, T10, T15
48-22-2612	10pc Precision Screwdriver Set	P#00, P#0, SL 3/32", SL 1/8", T6, T7, T8, T9, T10, T15
48-22-2614	8pc Precision Screwdriver Set	P#000, P#00, P#0, P#1, SL 5/32", SL 3/32", SL 1/16", SL 1/8"



CUTTING TOOLS

FASTBACK KNIVES

- PRESS & FLIP
- LOCK AT 45°



PART #	DESCRIPTION
48-22-1500	FASTBACK Compact Folding Utility Knife
48-22-1501	FASTBACK Folding Utility Knife
48-22-1502	FASTBACK Folding Utility Knife w/ Blade Storage
48-22-1503	FASTBACK w/ Storage & FASTBACK™ Compact Knife Set
48-22-1504	FASTBACK w/ Storage & 50PC General Utility Blades Set
48-22-1505	FASTBACK 6 in 1 Folding Utility Knife
48-22-1530	FASTBACK Spring Assisted Folding Knife
48-22-1535	FASTBACK Camo Spring Assisted Folding Knife
48-22-1520	FASTBACK Folding Knife
48-22-1524	FASTBACK Camo Folding Knife
48-22-1525	FASTBACK Hawkbill Folding Knife
48-22-1526	FASTBACK Blunt Tip Hawkbill Folding Knife
48-22-1540	FASTBACK 5in1 Folding Knife

UTILITY KNIVES

- METAL BODY
- TOOL FREE BLADE CHANGE



PART #	DESCRIPTION
48-22-1510	Side Slide Utility Knife
48-22-1511	Compact Side Slide Utility Knife
48-22-1512	Self Retracting Utility Knife
48-22-1513	Fixed Blade Utility Knife

UTILITY BLADES



PART #	DESCRIPTION
48-22-1905	5PC General Purpose Utility Blades
48-22-1950	50PC General Purpose Utility Blades w/ Dispenser
48-22-1932	5PC Hook Utility Knife Blades

HARDLINE KNIVES

- D2 STEEL BLADE
- DROP POINT SMOOTH BLADE
- FLIPPER WITH BEARING SYSTEM



PART #	DESCRIPTION
48-22-1997	2.5" HARDLINE Smooth Blade Pocket Knife
48-22-1998	3" HARDLINE Serrated Blade Pocket Knife
48-22-1999	3.5" HARDLINE Smooth Blade Pocket Knife
48-22-1994	3" HARDLINE Smooth Blade Pocket Knife

LOCKBACK POCKET KNIFE

- LOCKBACK DESIGN
- ERGONOMIC HANDLE



PART #	DESCRIPTION
48-22-1940	Lockback Pocket Knife

COMPACT FOLDING KNIFE

- COMPACT FOR POCKETED CARRY
- LINER LOCK SECURES BLADE
- DURABLE WIRE BELT CLIP



PART #	DESCRIPTION
48-22-1521	Compact Folding Knife

LINEMAN'S KNIVES

- STICKWORK 3IN1 RING
- HAWKBILL BLADE



PART #	DESCRIPTION
48-22-1923	Lineman's Blunt Tip Hawkbill Knife w/ STICKWORK 3in1 Ring
48-22-1924	Lineman's Hawkbill Knife w/ STICKWORK 3in1 Ring
48-22-1929	Lineman's Underground Knife

JOBSITE SCISSORS

- LARGE HANDLE LOOPS
- RULER MARKINGS ON BLADE
- BOLT LOCK TECHNOLOGY



PART #	DESCRIPTION
48-22-4043	JOBSITE OFFSET SCISSORS (Metric)
48-22-4044	JOBSITE STRAIGHT SCISSORS (Metric)
48-22-4047	JOBSITE OFFSET SCISSORS (Imperial)
48-22-4046	JOBSITE STRAIGHT SCISSORS (Imperial)

SNIPS

- FORGED BLADES
- ONE-HANDED METAL LOCK



PART #	DESCRIPTION
48-22-4510	Left Cutting Aviation Snip
48-22-4520	Right Cutting Aviation Snip
48-22-4530	Straight Cutting Aviation Snip
48-22-4512	Left Cutting Offset Aviation Snip
48-22-4522	Right Cutting Offset Aviation Snip
48-22-4532	Straight Cutting Offset Aviation Snip
48-22-4537	Long Cutting Aviation Snip
48-22-4538	Long Cutting Offset Aviation Snip
48-22-4500	Bulldog Aviation Snip
48-22-4511	Left Cutting Right Angle Aviation Snip
48-22-4521	Right Cutting Right Angle Aviation Snip

CUTTING TOOLS

TINNER SNIPS

- 40% LARGER HANDLES
- BOLT LOCK TECHNOLOGY
- FORGED STRENGTH DESIGN



PART #	DESCRIPTION
48-22-4001	16" Bulldog tinner
48-22-4002	12" Classic tinner
48-22-4003	10" Classic tinner
48-22-4004	10" Duckbill tinner
48-22-4005	Offset compound tinner
48-22-4006	13" Lightweight tinner
48-22-4007	Lightweight tinner replacement blades

COPPER TUBING CUTTERS

- SMOOTH ADJUSTMENT MECHANISM
- CHROME ROLLERS



PART #	DESCRIPTION
48-22-4259	25mm (1") Constant Swing Copper Tubing Cutter
48-22-4252	35mm (1.5") Constant Swing Copper Tubing Cutter
48-22-4250	13mm (1/2") Mini Copper Tubing Cutter
48-22-4258	19mm (3/4") Mini Copper Tubing Cutter
48-22-4251	25mm (1") Mini Copper Tubing Cutter
48-22-4206	2PC Replacement Cutter Wheel for PVC and PEX
48-22-4256	2PC Replacement Cutter Wheels for Copper
48-22-4257	3PC Replacement Reaming Blades
48-22-4260	13mm (1/2") Close Quarters Copper Tubing Cutter
48-22-4261	19mm (3/4") Close Quarters Tubing Cutter
48-22-4262	25mm (1") Close Quarters Tubing Cutter

REAMING PEN

- PEN STYLE
- POCKET CLIP
- RUST PROTECTION



PART #	DESCRIPTION
48-22-4255	Reaming Pen

HIGH-TENSION HACKSAW

- INTERNAL BLADE STORAGE
- HIGH-LEVERAGE TENSION KNOB
- OVERMOLDED HANDLE



PART #	DESCRIPTION
48-22-0050	305mm (12") High Tension Hacksaw

COMPACT HACKSAW

- COMPACT DESIGN



PART #	DESCRIPTION
48-22-0012	Compact Hacksaw

SNAP-OFF KNIVES

- OVERMOLDED HANDLE
- METAL LOCK
- DETAIL CUT BLADE



PART #	DESCRIPTION
48-22-1960	9mm Snap Off Knife with Precision Cut Blade
48-22-1961	18mm Snap Off Knife with Precision Cut Blade
48-22-1962	25mm Snap Off Knife with Precision Cut Blade

PROPEX TUBING CUTTER

- DOUBLE-GROUND V-SHAPED BLADE
- ALL METAL CORE
- ONE HANDED LOCKING MECHANISM



PART #	DESCRIPTION
48-22-4204	Tubing Cutter
48-22-4203	1PC Blade Replacement for Pex Cutter

FOLDING JAB SAW

- OVERMOLDED HANDLE



PART #	DESCRIPTION
48-22-0305	Folding Jab Saw

RASPING JAB SAW

- RIBBED INDENTS TO REDUCE HAND SLIPPAGE
- COMPACT DESIGN FOR USE IN CONFINED SPACES
- FLAT KNIFE POMMEL FOR PLUNGE CUTS



PART #	DESCRIPTION
48-22-0104	Rasping Jab Saw

**MX FUEL
M18
M12
FORCE LOGIC
SITE LIGHTING
LIFESTYLE
OUTDOOR POWER EQUIPMENT
JOBSITE CLEANUP
BATTERY & CHARGER
TEST & MEASUREMENT
CORDED
HAND TOOLS
STORAGE & SAFETY SOLUTIONS
ACCESSORIES**

**ULTIMATE PRODUCTIVITY.
SUPERIOR PERFORMANCE.**



MOST VERSATILE DURABLE MODULAR STORAGE SYSTEM



**FULLY
CUSTOMIZE
YOUR STORAGE**



**IP65
RATED
PROTECTION**



**IMPACT
RESISTANT**

MILWAUKEE PACKOUT
Jobsite Storage Totes

MILWAUKEE PACKOUT
Organizers

MILWAUKEE PACKOUT
Tool Boxes

MILWAUKEE PACKOUT
Rolling Tool Box



PACKOUT ROLLING STORAGE

ROLLING TOOL BOX



- CAPACITY 114 KG
- IMPACT RESISTANT BASE
- 9" ALL TERRAIN WHEELS

PART #	DESCRIPTION	WEIGHT CAPACITY
48-22-8426	PACKOUT Rolling Tool Box	114 kg

2-WHEEL CART



- STACK OR HANG
- 10" FLAT-FREE WHEELS
- CAPACITY 182 KG

PART #	DESCRIPTION	WEIGHT CAPACITY
48-22-8415	PACKOUT 2-Wheel Cart	182 kg

ROLLING TOOL CHEST

NEW



- DUAL STACK TOP
- IMPACT RESISTANT BASE
- 9" ALL-TERRAIN WHEELS
- PROTECTIVE LID SEAL
- 132 LITER CAPACITY

PART #	DESCRIPTION	WEIGHT CAPACITY
48-22-8428	PACKOUT Rolling Tool Chest	113 kg

DOLLY



- CAPACITY 114 KG
- QUICKSTOP LOADING LEVER
- SMOOTH ROLL WHEELS

PART #	DESCRIPTION	WEIGHT CAPACITY
48-22-8410	PACKOUT Dolly	114 kg



PACKOUT HARD STORAGE

TOOL BOXES



- IMPACT RESISTANT BASE
- IP65 RATED PROTECTION
- ALL METAL HARDWARE

PART #	DESCRIPTION	WEIGHT CAPACITY
48-22-8424	PACKOUT Tool Box	34 kg
48-22-8425	PACKOUT Large Tool Box	45 kg

TOOL CASE WITH CUSTOMIZABLE INSERT



- IMPACT RESISTANT BASE
- IP65 RATED PROTECTION
- CUSTOMIZE YOUR INSERT

PART #	DESCRIPTION	WEIGHT CAPACITY
48-22-8450	PACKOUT Tool Case with Customizable Insert	34 kg
48-22-8451	PACKOUT Customizable Foam Insert	

XL TOOL BOX



- IMPACT RESISTANT BODY
- IP65 RATED PROTECTION
- INTERNAL ORGANIZATION TRAY

PART #	DESCRIPTION	WEIGHT CAPACITY
48-22-8429	PACKOUT XL Tool Box	45 kg

2 DRAWER TOOL BOX



- IMPACT RESISTANT CONSTRUCTION
- METAL REINFORCED CORNER
- CAPACITY 23KG

PART #	DESCRIPTION	WEIGHT CAPACITY
48-22-8442	PACKOUT 2 Drawer Tool Box	23 kg

PACKOUT HARD STORAGE

3 DRAWER TOOL BOX



- IMPACT RESISTANT CONSTRUCTION
- METAL REINFORCED CORNER
- CAPACITY 23KG

PART #	DESCRIPTION	WEIGHT CAPACITY
48-22-8443	PACKOUT 3 Drawer Tool Box	23 kg

COMPACT TOOL BOX



- IMPACT RESISTANT BASE
- CAPACITY 34 KG
- IP65 RATED PROTECTION

PART #	DESCRIPTION	WEIGHT CAPACITY
48-22-8422	PACKOUT Compact Tool Box	34 kg

TOOL CADDY

NEW



- STACK OR STORE
- STORES INSIDE: ROLLING TOOL CHEST, ROLLING TOOL BOX, XL TOOL BOX, LARGE TOOL BOX
- QUICK-ADJUST DIVIDERS
- IMPACT RESISTANT BODY WITH METAL REINFORCED HANDLE

PART #	DESCRIPTION	WEIGHT CAPACITY
48-22-8045	PACKOUT Tool Caddy	



CRATE



- IMPACT RESISTANT BASE
- STACK OR HANG
- CAPACITY 23 KG

PART #	DESCRIPTION	WEIGHT CAPACITY
48-22-8440	PACKOUT Crate	23 kg
48-22-8040	PACKOUT Crate Divider	

CABINET

NEW



- Secure Hang Or Stack
- Quick Access Door
- Impact Resistant Body

PART #	DESCRIPTION	WEIGHT CAPACITY
48-22-8445	PACKOUT Cabinet	23 kg



PACKOUT ORGANIZERS

ORGANIZERS

- IMPACT RESISTANT BASE
- IP65 RATED PROTECTION
- NO-TRAVEL BIN SEALS



PART #	DESCRIPTION
48-22-8430	PACKOUT Organizer
48-22-8435	PACKOUT Compact Organizer

LOW-PROFILE ORGANIZERS

- IMPACT RESISTANT BASE
- IP65 RATED PROTECTION
- NO-TRAVEL BIN SEALS



PART #	DESCRIPTION
48-22-8431	PACKOUT Low-Profile Organizer
48-22-8436	PACKOUT Low-Profile Compact Organizer

DEEP ORGANIZER

NEW

- IMPACT RESISTANT BASE
- IP65 RATED PROTECTION
- QUICK-ADJUST DIVIDERS



PART #	DESCRIPTION	WEIGHT CAPACITY
48-22-8432	PACKOUT Deep Organizer	23 kg



PACKOUT COOLERS AND TUMBLERS

15L COMPACT COOLER

- IMPACT RESISTANT BASE
- IP65 RATED PROTECTION
- HOLDS ICE FOR 30 HOURS



PART #	DESCRIPTION	VOLUME CAPACITY
48-22-8460	PACKOUT 15L Compact Cooler	15 L

COOLER

- HOLDS ICE FOR 24 HOURS
- IMPACT RESISTANT BASE
- ALL METAL HARDWARE



PART #	DESCRIPTION
48-22-8302	PACKOUT Cooler

XL Cooler

NEW

- HOLDS ICE FOR 5 DAYS
- IP65 RATED PROTECTION
- 38 LITER CAPACITY (HOLDS 48 CANS)
- REMOVABLE INTERIOR TRAY



PART #	DESCRIPTION
48-22-8462	PACKOUT™ XL Cooler
48-22-8041	Divider for PACKOUT™ XL Cooler

TUMBLERS

- DOUBLE WALL VACUUM INSULATION FOR BOTH HOT AND COLD RETENTION
- ROTATING MAGNETIC CLOSURE FOR EASY OPEN/CLOSE
- 18/8 STAINLESS STEEL FOR DURABILITY
- PART OF THE PACKOUT SYSTEM



NEW

PART #	DESCRIPTION
48-22-8392R	PACKOUT™ 20oz / 591ml Tumbler - Red
48-22-8393R	PACKOUT™ 30oz / 887ml Tumbler - Red

PACKOUT SURFACES

CUSTOMIZABLE WORK TOP

- FASTENER READY
- CAPACITY 23 KG



PART #	DESCRIPTION	WEIGHT CAPACITY
48-22-8488	PACKOUT Customizable Work Top	23 kg



PACKOUT SOFT STORAGE

TOTES

- TEAR RESISTANT MATERIAL
- IMPACT RESISTANT BASE
- ALL METAL HARDWARE



PART #	DESCRIPTION	TOOLS POCKETS
48-22-8310	PACKOUT 10" Tote	28
48-22-8315	PACKOUT 15" Tote	31
48-22-8320	PACKOUT 20" Tote	32

TECH BAG

- TEAR RESISTANT MATERIAL
- IMPACT RESISTANT BASE
- OPTIMIZED STORAGE CAPACITY



PART #	DESCRIPTION
48-22-8300	PACKOUT Tech Bag

TOOL BAGS

- TEAR RESISTANT MATERIAL
- IMPACT RESISTANT BASE
- ALL METAL HARDWARE



PART #	DESCRIPTION
48-22-8321	PACKOUT 15" Tool Bag
48-22-8322	PACKOUT 20" Tool Bag

BACK PACK

- TEAR RESISTANT MATERIAL
- IMPACT RESISTANT BASE
- OPTIMIZED STORAGE CAPACITY



PART #	DESCRIPTION
48-22-8301	PACKOUT Backpack

PACKOUT MOUNTING

SHELVING KIT

- METAL-REINFORCED FRAME™
- VERSATILE MOUNTING
- QUICK RELEASE LEVERS
- IMPACT RESISTANT BODY
- CAPACITY 23 KG



PART #	DESCRIPTION	WEIGHT CAPACITY
48-22-8480	PACKOUT Shelving Kit	23 kg

SHELF

- METAL-REINFORCED FRAME™
- VERSATILE MOUNTING
- QUICK RELEASE LEVERS
- IMPACT RESISTANT BODY
- CAPACITY 23 KG



PART #	DESCRIPTION	WEIGHT CAPACITY
48-22-8481	PACKOUT Shelf	23 kg

MOUNTING PLATE

- MULTIPLE MOUNTING OPTIONS
- IMPACT RESISTANT BASE
- ALL METAL HARDWARE



PART #	DESCRIPTION	WEIGHT CAPACITY
48-22-8485	PACKOUT Mounting Plate	45 kg (Floor) / 23 kg (Wall)

WALL PLATES

- IMPACT RESISTANT BODY
- QUICK ALIGNMENT TABS
- 68KG WEIGHT CAPACITY (34KG CAPACITY IN VEHICLE)
- METAL REINFORCED MOUNTING POINTS



PART #	DESCRIPTION	WALL MOUNTED WEIGHT CAPACITY	TRANSIT WEIGHT CAPACITY
48-22-8487	PACKOUT Large Wall Plate	68 kg	34 kg
48-22-8486	PACKOUT Compact Wall Plate	23 kg	11 kg



PACKOUT MOUNTING HOOKS, MOUNTING ACCESSORIES, AND BINS

TOOL STATION



- SECURE LOCKING MECHANISM
- QUICK ACCESS TOOL SLOTS
- IMPACT RESISTANT BODY
- FITS M18 & M12 RAPID CHARGER ON TOP SHELF



Model #	Description
48-22-8343	PACKOUT™ Tool Station



LONG HANDLE TOOL RACK



- SECURE LOCKING MECHANISM
- QUICK ACCESS TOOL SLOTS
- ANTI-SLIP RUBBER GRIPS
- 23KG WEIGHT CAPACITY



Model #	Description
48-22-8349	PACKOUT™ Long Handle Tool Rack

M18™ BATTERY RACK



- SECURE LOCKING MECHANISM
- CLIP-IN BATTERY STORAGE
- QUICK ACCESS ORGANIZATION

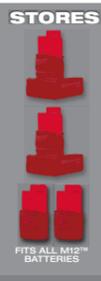


Model #	Description
48-22-8339	PACKOUT™ M18™ Battery Rack

M12™ BATTERY RACK



- SECURE LOCKING MECHANISM
- CLIP-IN BATTERY STORAGE
- QUICK ACCESS ORGANIZATION

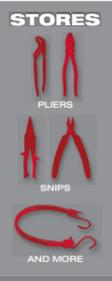


Model #	Description
48-22-8338	PACKOUT™ M12™ Battery Rack

PLIERS RACK



- SECURE LOCKING MECHANISM
- QUICK ACCESS BARS
- 11KG WEIGHT CAPACITY



Model #	Description
48-22-8340	PACKOUT™ Tool Rack

ROLL HOLDER



- SECURE LOCKING MECHANISM
- QUICK ROLL REPLACEMENT LATCH™
- 7KG WEIGHT CAPACITY



Model #	Description
48-22-8337	PACKOUT™ Roll Holder

SCREWDRIVER RACK



- SECURE LOCKING MECHANISM
- 34 MULTI-SIZE SLOTS
- 11KG WEIGHT CAPACITY



Model #	Description
48-22-8341	PACKOUT™ Screwdriver Rack

COMPACT SHELF



- SECURE LOCKING MECHANISM
- 20 LBS CAPACITY
- FULLY CUSTOMIZE YOUR SHOP
- QUICK ACCESS ORGANIZATION



Model #	Description
48-22-8347	PACKOUT™ Compact Shelf

ORGANIZER CUP



- SECURE LOCKING MECHANISM
- QUICK ACCESS ORGANIZATION
- 7KG WEIGHT CAPACITY



Model #	Description
48-22-8336	PACKOUT™ Organizer Cup

HOOKS

- SECURE LOCKING MECHANISM
- REINFORCED HOOK MAINTAINS SHAPE
- HANGS ON PACKOUT PLATES
- PROTECTIVE ANTI-SLIP RUBBER GRIPS



PART #	DESCRIPTION	STORES
48-22-8330	PACKOUT Straight Utility Hook	Outdoor Power Equipment, Multiple Long Tools, and More
48-22-8331	PACKOUT Curved Utility Hook	Cords, Sledge Hammers, and More
48-22-8332	PACKOUT Large Hook	Ladders, Cords, and More
48-22-8333	PACKOUT Large S Hook	Shovels, Outdoor Power Equipment, and More
48-22-8334	PACKOUT Small Straight Utility Hook	Power Tools, Hand Tools, and More
48-22-8335	PACKOUT Small Curved Utility Hook	Hand Tools, Tool Bags, and More



NESTING BINS

- HANGS ON PACKOUT PLATES
- STORES IN:
 - PACKOUT ORGANIZER
 - PACKOUT COMPACT ORGANIZER
- INTERIOR ORGANIZATION TRAY AND DIVIDER
- IMPACT RESISTANT BODY



PART #	DESCRIPTION
48-22-8062	4"x4" Nesting Regular Organizer Bin (2PK)
48-22-8063	4"x8" Nesting Regular Organizer Bin (2PK)

PACKOUT™ MODULAR STORAGE SYSTEM



SOFT STORAGES & TOOL BOXES

ROLLING BAG

- HARDTOP CONSTRUCTION
- 6" 152MM METAL RIMMED WHEELS
- INDUSTRIAL GRADE HANDLE

PART #	DESCRIPTION
48-22-8220	24" Hardtop Rolling Bag
48-22-8221	18" Jobsite Rolling Bag



BACKPACK

- 1680D BALLISTIC MATERIAL
- REINFORCED BASE
- RUGGED METAL ZIPPERS

PART #	DESCRIPTION
48-22-8201	Ultimate Jobsite Backpack
48-22-8200	Jobsite Backpack
48-22-8202	Low-Profile Backpack
48-22-8620	Tradesman Backpack



JOBSITE TECH BAG

- 1680D BALLISTIC NYLON
- MOLDED BASE
- INTERGRATED RAIN FLY

PART #	DESCRIPTION
48-22-8210	Jobsite Tech Bag



JOBSITE COOLER

- 1680D BALLISTIC MATERIAL
- 2X THE INSULATION
- LEAK-PROOF LINER

PART #	DESCRIPTION
48-22-8250	Jobsite Cooler



PARACHUTE ORGANIZER & BUCKET ORGANIZER

- 1680D CONSTRUCTION
- OPEN BUCKET DESIGN
- WATER RESISTANT BASE

PART #	DESCRIPTION
48-22-8170	Parachute Organizer Bag
48-22-8175	Bucket Organizer Bag



TOOL BELTS

- 1680D BALLISTIC NYLON
- RIVETED SEAMS
- STANDUP BASE

PART #	DESCRIPTION
48-22-8110	Electricians Work Belt
48-22-8120	Contractor Work Belt w/ Suspension Rig
48-22-8140	Tool Belt accessory - Padded Work Belt
48-22-8121	Tool Belt accessory - Carpenters Pouch
48-22-8122	Tool Belt accessory - 3 Tier Material pouch
48-22-8111	Tool Belt accessory - Compact Electricians Work Pouch
48-22-8149	Tool Belt accessory - Hammer loop
48-22-8145	Tool Belt accessory - Padded Rig



POUCHES

- 1680D BALLISTIC MATERIAL
- QUICK-ATTACH BELT LOOP
- RIVETED SEAMS

PART #	DESCRIPTION
48-22-8112	Electrician's Pouch
48-22-8118	Compact Utility Pouch
48-22-8119	Utility Pouch
48-22-8180	Zipper Pouch
48-22-8193	3-pack zipper Pouches



POWER UTILITY STORAGE

- UTILITY BUCKET
- UNDERGROUND OVAL BAG
- AERIAL TOOL APRON

PART #	DESCRIPTION
48-22-8270	Utility Bucket
48-22-8275	Underground Utility Oval Bag
48-22-8276	Aerial Utility Oval Bag
48-22-8290	Lineman's Aerial Tool Apron



SAFETY SOLUTION

HARD HATS WITH 4-POINT RATCHETING SUSPENSION

- BOLT™ HEADLAMP MOUNT & MARKER CLIP
- QUICK-ADJUST RATCHETING SUSPENSION
- FOUR BOLT™ ACCESSORY SLOTS AND TWO UNIVERSAL ACCESSORY SLOTS



PART #	DESCRIPTION	NEW
48-73-1200	White Front Brim Vented Hard Hat with BOLT™ - Class C	NEW
48-73-1202	Yellow Front Brim Vented Hard Hat with BOLT™ - Class C	NEW
48-73-1100	White Front Brim Hard Hat with BOLT™ - Class E	NEW
48-73-1102	Yellow Front Brim Hard Hat with BOLT™ - Class E	NEW

HARD HATS WITH 6-POINT RATCHETING SUSPENSION

- BOLT™ HEADLAMP MOUNT & MARKER CLIP
- FOUR BOLT™ ACCESSORY SLOTS AND TWO UNIVERSAL ACCESSORY SLOTS
- QUICK-ADJUST 6-POINT RATCHETING SUSPENSION



PART #	DESCRIPTION	NEW
48-73-1220	6PT White Front Brim Vented Hard Hat with BOLT™ - Class C	NEW
48-73-1222	6PT Yellow Front Brim Vented Hard Hat with BOLT™ - Class C	NEW
48-73-1120	6PT White Front Brim Hard Hat with BOLT™ - Class E	NEW
48-73-1122	6PT Yellow Front Brim Hard Hat with BOLT™ - Class E	NEW

SAFETY HELMET WITH RATCHETING SUSPENSION

- PROTECTS SIDE AND TOP IMPACT
- BOLT™ HEADLAMP MOUNT & MARKER CLIP
- ADJUSTABLE SWINGING RATCHET - BETTER COMFORT
- ANTIMICROBIAL AND MOISTURE WICKING SWEAT BAND AND HELMET LINER



PART #	DESCRIPTION	NEW
48-73-1320	White Front Brim Vented Helmet with BOLT™ - Class C	NEW
48-73-1322	Yellow Front Brim Vented Helmet with BOLT™ - Class C	NEW
48-73-1321	White Front Brim Helmet with BOLT™ - Class E	NEW
48-73-1323	Yellow Front Brim Helmet with BOLT™ - Class E	NEW
48-73-1300	White Vented Helmet with BOLT™ - Class C	NEW
48-73-1302	Yellow Vented Helmet with BOLT™ - Class C	NEW
48-73-1301	White Helmet with BOLT™ - Class E	NEW
48-73-1303	Yellow Helmet with BOLT™ - Class E	NEW

HIGH PERFORMANCE SAFETY GLASSES WITH GASKET

- ANTI-SCRATCH LENSES
- MILITARY GRADE IMPACT PROTECTION
- FOG-FREE LENSES



PART #	DESCRIPTION
48-73-2040A	Clear High Performance Safety Glasses with Gasket
48-73-2045A	Polarized High Performance Safety Glasses with Gasket

HIGH PERFORMANCE SAFETY GLASSES

- ANTI-SCRATCH LENSES
- MILITARY GRADE IMPACT PROTECTION
- FOG-FREE LENSES



PART #	DESCRIPTION
48-73-2020A	Clear High Performance Safety Glasses
48-73-2025A	Tinted High Performance Safety Glasses

SAFETY GLASSES

- ANTI-SCRATCH LENSES
- ANTI-FOG LENSES
- FLEXIBLE NOSE BRIDGE



PART #	DESCRIPTION
48-73-2000A	Clear Safety Glasses
48-73-2005A	Tinted Safety Glasses



SAFETY SOLUTION

N95 VALVED RESPIRATORS

- VALVE REDUCES HEAT
- FLEXIBLE NOSE BRIDGE
- ADJUSTABLE STRAPS



PART #	DESCRIPTION
48-73-4001	N95 Valved Respirator with Gasket
48-73-4004	10PK N95 Valved Respirator with Gasket
48-73-4011	N95 Valved Respirator
48-73-4014	10PK N95 Valved Respirator
48-73-4203	5PK N95 Foldable Valved Respirator
48-73-4205	20PK N95 Foldable Valved Respirator

NEW

NEW

N95 UNVALVED RESPIRATORS

- FLEXIBLE NOSE BRIDGE
- ADJUSTABLE STRAPS



PART #	DESCRIPTION
48-73-4031	Unvalved N95 Respirator
48-73-4034	10PK Unvalved N95 Respirator
48-73-4035	20PK Unvalved N95 Respirator

NEW

NEW

NEW

BANDED EAR PLUGS

- ALL DAY COMFORT
- ADAPTABLE DESIGN 3-POINT WEAR
- COMFORTABLE, INTERCHANGEABLE PLUGS
- NRR 25DB



PART #	DESCRIPTION
48-73-3201	Banded Ear Plugs
48-73-3205	(5 Pack) Replacement Flanged Ear Plugs
48-73-3206	(5 Pack) Replacement Foam Ear Plugs

EAR PLUGS

- ALL DAY COMFORT
- NRR 32DB



PART #	DESCRIPTION
48-73-3001	10 Pair Ear Plugs
48-73-3005	100 Pair Ear Plugs (Bag Pack)
48-73-3006	100 Pair Ear Plugs (Box Pack)

REUSABLE CORDED EAR PLUGS

- ALL DAY COMFORT
- SOFT COMFORTABLE SILICONE
- CORDED FOR EASY ACCESS
- NRR 26DB



PART #	DESCRIPTION
48-73-3151	3 PK Reusable Corded Ear Plugs

HIGH VISIBILITY SAFETY VESTS

- CARRY MORE
- INTERNAL SIZE ADJUSTMENT



PART #	DESCRIPTION
48-73-5081	High Visibility Yellow Performance Safety Vest - S/M (ANSI/CSA)
48-73-5082	High Visibility Yellow Performance Safety Vest - L/XL (ANSI/CSA)
48-73-5083	High Visibility Yellow Performance Safety Vest - XXL/XXXL (ANSI/CSA)
48-73-5091	High Visibility Orange Performance Safety Vest - S/M (ANSI/CSA)
48-73-5092	High Visibility Orange Performance Safety Vest - L/XL (ANSI/CSA)
48-73-5093	High Visibility Orange Performance Safety Vest - XXL/XXXL (ANSI/CSA)
48-73-5061	High Visibility Yellow Safety Vest - S/M (ANSI/CSA)
48-73-5062	High Visibility Yellow Safety Vest - L/XL (ANSI/CSA)
48-73-5063	High Visibility Yellow Safety Vest - XXL/XXXL (ANSI/CSA)
48-73-5071	High Visibility Orange Safety Vest - S/M (ANSI/CSA)
48-73-5072	High Visibility Orange Safety Vest - L/XL (ANSI/CSA)
48-73-5073	High Visibility Orange Safety Vest - XXL/XXXL (ANSI/CSA)



SAFETY SOLUTION

CUT RESISTANT DIPPED GLOVES

- TEXTURED GRIP
- NYLON LYCRA BLEND
- SMARTSWIPE™



PART #	DESCRIPTION
48-22-8900	Cut Level 1 Dipped Gloves -S
48-22-8901	Cut Level 1 Dipped Gloves - M
48-22-8902	Cut Level 1 Dipped Gloves - L
48-22-8903	Cut Level 1 Dipped Gloves - XL
48-22-8904	Cut Level 1 Dipped Gloves - XXL
48-22-8925	Cut Level 2 Dipped Gloves -S
48-22-8926	Cut Level 2 Dipped Gloves -M
48-22-8927	Cut Level 2 Dipped Gloves -L
48-22-8928	Cut Level 2 Dipped Gloves -XL
48-22-8929	Cut Level 2 Dipped Gloves -XXL
48-22-8930	Cut Level 3 Dipped Gloves -S
48-22-8931	Cut Level 3 Dipped Gloves - M
48-22-8932	Cut Level 3 Dipped Gloves - L
48-22-8933	Cut Level 3 Dipped Gloves - XL
48-22-8934	Cut Level 3 Dipped Gloves - XXL
48-22-8945	Cut Level 4 Dipped Gloves -S
48-22-8946	Cut Level 4 Dipped Gloves -M
48-22-8947	Cut Level 4 Dipped Gloves -L
48-22-8948	Cut Level 4 Dipped Gloves -XL
48-22-8949	Cut Level 4 Dipped Gloves -XXL
48-22-8950	Cut Level 5 Dipped Gloves - S
48-22-8951	Cut Level 5 Dipped Gloves - M
48-22-8952	Cut Level 5 Dipped Gloves - L
48-22-8953	Cut Level 5 Dipped Gloves - XL
48-22-8954	Cut Level 5 Dipped Gloves - XXL



DEMOLITION GLOVES

- REINFORCED DURABILITY
- ARMORTEX REINFORCEMENT
- SMARTSWIPE™



PART #	DESCRIPTION
48-22-8731	Demolition Gloves - M
48-22-8732	Demolition Gloves - L
48-22-8733	Demolition Gloves - XL
48-22-8734	Demolition Gloves - XXL

PERFORMANCE WORK GLOVES

- REINFORCED PALM
- HIGH DEXTERITY FINGER TIPS
- SMARTSWIPE™



PART #	DESCRIPTION
48-22-8721	Performance Work Gloves - M
48-22-8722	Performance Work Gloves - L
48-22-8723	Performance Work Gloves - XL
48-22-8724	Performance Work Gloves - XXL

PERFORMANCE FINGERLESS WORK GLOVES

- REINFORCED PALM
- NYLON LYCRA BLEND



PART #	DESCRIPTION
48-22-8741	Performance Fingerless Work Gloves - M
48-22-8742	Performance Fingerless Work Gloves - L
48-22-8743	Performance Fingerless Work Gloves - XL
48-22-8744	Performance Fingerless Work Gloves - XXL

FREE-FLEX WORK GLOVES

- ALL DAY COMFORT
- HIGH DEXTERITY FINGER TIPS
- SMARTSWIPE™



PART #	DESCRIPTION
48-22-8711	Free-Flex Work Gloves - M
48-22-8712	Free-Flex Work Gloves - L
48-22-8713	Free-Flex Work Gloves - XL
48-22-8714	Free-Flex Work Gloves - XXL

SAFETY SOLUTION

HIGH VISIBILITY CUT RESISTENT POLYURETHANE DIPPED GLOVES

- CUT RESISTANT
- BETTER FIT



PART #	DESCRIPTION
48-73-8910	High Visibility Cut Level 1 Polyurethane Dipped - S
48-73-8911	High Visibility Cut Level 1 Polyurethane Dipped - M
48-73-8912	High Visibility Cut Level 1 Polyurethane Dipped - L
48-73-8913	High Visibility Cut Level 1 Polyurethane Dipped - XL
48-73-8914	High Visibility Cut Level 1 Polyurethane Dipped - XXL
48-73-8920	High Visibility Cut Level 2 Polyurethane Dipped - S
48-73-8921	High Visibility Cut Level 2 Polyurethane Dipped - M
48-73-8922	High Visibility Cut Level 2 Polyurethane Dipped - L
48-73-8923	High Visibility Cut Level 2 Polyurethane Dipped - XL
48-73-8924	High Visibility Cut Level 2 Polyurethane Dipped - XXL
48-73-8930	High Visibility Cut Level 3 Polyurethane Dipped - S
48-73-8931	High Visibility Cut Level 3 Polyurethane Dipped - M
48-73-8932	High Visibility Cut Level 3 Polyurethane Dipped - L
48-73-8933	High Visibility Cut Level 3 Polyurethane Dipped - XL
48-73-8934	High Visibility Cut Level 3 Polyurethane Dipped - XXL
48-73-8940	High Visibility Cut Level 4 Polyurethane Dipped - S
48-73-8941	High Visibility Cut Level 4 Polyurethane Dipped - M
48-73-8942	High Visibility Cut Level 4 Polyurethane Dipped - L
48-73-8943	High Visibility Cut Level 4 Polyurethane Dipped - XL
48-73-8944	High Visibility Cut Level 4 Polyurethane Dipped - XXL
48-73-8950	High Visibility Cut Level 5 Polyurethane Dipped - S
48-73-8951	High Visibility Cut Level 5 Polyurethane Dipped - M
48-73-8952	High Visibility Cut Level 5 Polyurethane Dipped - L
48-73-8953	High Visibility Cut Level 5 Polyurethane Dipped - XL
48-73-8954	High Visibility Cut Level 5 Polyurethane Dipped - XXL

GOATSKIN LEATHER GLOVES

- COMFORTABLE LEATHER
- REINFORCED PALM



PART #	DESCRIPTION
48-73-0010	Goatskin Leather Gloves - S
48-73-0011	Goatskin Leather Gloves - M
48-73-0012	Goatskin Leather Gloves - L
48-73-0013	Goatskin Leather Gloves - XL
48-73-0014	Goatskin Leather Gloves - XXL

WINTER PERFORMANCE GLOVES

- WATER & WIND PROOF
- ALL DAY WARMTH



PART #	DESCRIPTION
48-73-0030	Winter Performance Gloves - S
48-73-0031	Winter Performance Gloves - M
48-73-0032	Winter Performance Gloves - L
48-73-0033	Winter Performance Gloves - XL
48-73-0034	Winter Performance Gloves - XXL

IMPACT DEMOLITION GLOVES

- REINFORCED DURABILITY
- IMPACT PROTECTION



PART #	DESCRIPTION
48-22-8750	Impact Demolition Gloves - S
48-22-8751	Impact Demolition Gloves - M
48-22-8752	Impact Demolition Gloves - L
48-22-8753	Impact Demolition Gloves - XL
48-22-8754	Impact Demolition Gloves - XXL

WINTER DEMOLITION GLOVES

- REINFORCED DURABILITY
- ALL DAY WARMTH



PART #	DESCRIPTION
48-73-0040	Winter Demolition Gloves - S
48-73-0041	Winter Demolition Gloves - M
48-73-0042	Winter Demolition Gloves - L
48-73-0043	Winter Demolition Gloves - XL
48-73-0044	Winter Demolition Gloves - XXL

SAFETY SOLUTION

LEATHER PERFORMANCE GLOVES

- COMFORTABLE LEATHER
- BREATHABLE BACK



PART #	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 RESISTENT NITRILE DIPPED GLOVES

- TEXTURED GRIP
- IMPACT PROTECTION



PART #	DESCRIPTION
48-22-8970	Impact Cut 3 Nitrile Dip Gloves - S
48-22-8971	Impact Cut 3 Nitrile Dip Gloves - M
48-22-8972	Impact Cut 3 Nitrile Dip Gloves - L
48-22-8973	Impact Cut 3 Nitrile Dip Gloves - XL
48-22-8974	Impact Cut 3 Nitrile Dip Gloves - XXL
48-22-8980	Impact Cut 5 Nitrile Dip Gloves - S
48-22-8981	Impact Cut 5 Nitrile Dip Gloves - M
48-22-8982	Impact Cut 5 Nitrile Dip Gloves - L
48-22-8983	Impact Cut 5 Nitrile Dip Gloves - XL
48-22-8984	Impact Cut 5 Nitrile Dip Gloves - XXL
48-22-8770	Impact Cut 3 Goat Lthr Gloves - S
48-22-8771	Impact Cut 3 Goat Lthr Gloves - M
48-22-8772	Impact Cut 3 Goat Lthr Gloves - L
48-22-8773	Impact Cut 3 Goat Lthr Gloves - XL
48-22-8774	Impact Cut 3 Goat Lthr Gloves - XXL
48-22-8780	Impact Cut 5 Goat Lthr Gloves - S
48-22-8781	Impact Cut 5 Goat Lthr Gloves - M
48-22-8782	Impact Cut 5 Goat Lthr Gloves - L
48-22-8783	Impact Cut 5 Goat Lthr Gloves - XL
48-22-8784	Impact Cut 5 Goat Lthr Gloves - XXL

CUT RESISTENT SLEEVES

- PROTECT ARMS FROM CUTS AND ABRASIONS
- HIGH STRETCH HPPE FOR COMFORTABLE FIT
- LIGHTWEIGHT AND BREATHABLE



PART #	DESCRIPTION	
48-73-9030	Cut Level 3 Sleeves - 16"	NEW
48-73-9031	Cut Level 3 Sleeves - 18"	NEW
48-73-9050	Cut Level 5 Sleeves - 16"	NEW
48-73-9051	Cut Level 5 Sleeves - 18"	NEW

TOOL LANYARDS

- TOOL LANYARDS



PART #	DESCRIPTION	
48-22-8810A	4.5kg 0.91m Locking Tool Lanyard	
48-22-8811A	4.5kg 1.37m Extended Reach Locking Tool Lanyard	
48-22-8815A	6.8kg 0.91m Locking Tool Lanyard	
48-22-8820A	4.5kg 0.91m Quick-Connect Locking Tool Lanyard	
48-22-8823A	3pc 4.5kg Quick-Connect Accessory	
48-22-8822A	3pc 2.2kg Small Quick-Connect Accessory	
48-22-8850A	15kg 0.91m Locking Tool Lanyard	
48-22-8812	4.5kg 1.82m Extended Reach Locking Tool Lanyard	
48-22-8817	6.8kg 1.82m Extended Reach Locking Tool Lanyard	
48-22-8816	6.8kg 1.37m Extended Reach Locking Tool Lanyard	
48-22-8830	2.3kg Wrist Lanyard	
48-22-8835	2.3kg Quick-Connect Wrist Lanyard	
48-22-8855	23kg Anchor Strap	
48-22-8825	2.3kg 1.2m Quick Connect Retractable Tool Lanyard	NEW



Accessories Storage & Safety Solutions Hand Tools Corded Test & Measurement Battery & Charger Job Site Cleanup Outdoor Power Equipment Lifestyle Site Lighting Force Logic M12 M18 MX-FUEL The Milwaukee Story

The Milwaukee Story MX-FUEL M18 M12 Force Logic Site Lighting Lifestyle Outdoor Power Equipment Jobsite Cleanup Battery & Charger Test & Measurement Corded Hand Tools Storage & Safety Solutions Accessories

**MX FUEL
M18
M12
FORCE LOGIC
SITE LIGHTING
OUTDOOR POWER EQUIPMENT
JOBSITE CLEANUP
BATTERY & CHARGER
CORDED
HAND TOOLS
STORAGE & SAFETY SOLUTIONS
ACCESSORIES
DRIVING PERFORMANCE FORWARD**



**TORCH™
NITRUS CARBIDE™**

METAL CUTTING SAWZALL BLADE

- Unique carbide blend for Extreme Durability* * Unique carbide blend for long life in cast iron
- Quick start and clean cuts in cast iron vs. traditional carbide teeth products
- Constructed with 25% more Nitrus Carbide per tooth and a 1/2" universal tang
- Cut the thickest metals like cast iron and soil pipe
- Cuts a wide range of residential materials: wood, shingles, cement board



CUT 3X LONGER*



**Unique carbide blend for 3X the life vs. standard carbide teeth products in cast iron*



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



**TORCH™
CARBIDE TEETH**

METAL CUTTING SAWZALL BLADE

- 1" tall for demolition application
- 7 TPI for fast, efficient cutting
- 25% more carbide for longer life & greater versatility
- 70% larger gullet for faster chip removal
- Consistent teeth angle for sharp and consistent cut

**PERSISTENT
IN THICK METALS.**



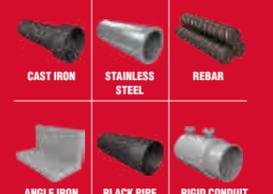
EXTREME DURABILITY*

**Compared to bi-metal*

**FAST CUTS
IN CAST IRON**



	Length	1 Pack	3 Pack	5 Pack
	6"	48-00-5201	48-00-5301	48-00-5501
	9"	48-00-5202	48-00-5302	48-00-5502
	12"	48-00-5203	48-00-5303	-



AX™ CARBIDE TEETH

PRUNING & CLEAN WOOD CUTTING SAWZALL BLADE

- Fast Cuts Above and Below Ground
- Ability to cut through clean wood, tree branches, and roots
- Optimized carbide that withstands underground abrasives (rocks, sand, dirt)
- Low blade profile, designed for root removal
- 3 TPI design for fast cutting into clean wood
- Carbide teeth for up to 50X Life
- Large gullets to avoid debris buildup



*Unique carbide blend for 3X the life vs. standard carbide teeth products in cast iron



	Length	1 Pack	3 Pack
	6"	48-00-5231	48-00-5331
	9"	48-00-5232	48-00-5332
	12"	48-00-5233	48-00-5333



WRECKER™ CARBIDE TEETH

MULTI-MATERIAL CUTTING SAWZALL BLADE

- 6TPI design for material versatility and fast demolition
- Fang Tip™ design for rapid plunge cutting into wood
- Carbide teeth for up to 50x Life of bi-metal blades
- Ability to cut clean wood to thick metals
- Large gullets for easier debris removal
- 1" tall body to withstand aggressive material demolition and remodeling
- Optimized carbide teeth designed to encounter materials in demolition and remodeling applications



50X
LIFE*

*Compared to bi-metal



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



SAWZALL™ BLADE SELECTION GUIDE

1 Identify the material to be cut in the columns below 2 Follow the column down to find **BEST PERFORMANCE** or **ACCEPTABLE PERFORMANCE**

	WOOD WITH NAILS	PVC & PLASTIC	ALUMINIUM & OTHER NON-FERROUS METALS	THICK METAL (3/8" - 3/16")	MEDIUM METAL (1/4" - 7/16")	THIN METAL (1/8" - 5/16")	SHEET METAL (1/16" - 3/16")	CLEAN WOOD	TIMBER & GREEN WOOD	PLASTER/ DRYWALL	TILE	FIBERGLASS	BRICK	CAST IRON
BEST PERFORMANCE														
ACCEPTABLE PERFORMANCE														
WOOD CUTTING	FASTER/ ROUGHER													
4/6 TPI														
5/8 TPI														
6 TPI														
GENERAL PURPOSE		FASTER/ ROUGHER	FASTER/ ROUGHER	FASTER/ ROUGHER										
8 TPI														
8/12 TPI	SLOWER/ SMOOTHER													
10/14 TPI														
10 TPI		SLOWER/ SMOOTHER	SLOWER/ SMOOTHER		FASTER/ ROUGHER									
METAL CUTTING														
14 TPI				SLOWER/ SMOOTHER		FASTER/ ROUGHER								
18 TPI					SLOWER/ SMOOTHER		FASTER/ ROUGHER							
24 TPI						SLOWER/ SMOOTHER	SLOWER/ SMOOTHER							
SPECIALTY														
PRUNING														
CLEAN WOOD														
PLASTER														
CARBIDE GRIT														
DIAMOND GRIT														

- Follow the row to the left to identify the appropriate teeth per inch (TPI) or specialty blade
Note: Fewer TPI cut faster but rougher, while more TPI cut smoother but slower
- Choose the Blade Length (Width of Material + 3" = Minimum Blade Length)
- Choose the Blade Profile



DEMOLITION BLADES FOR TOUGH STRAIGHT CUTS



THIN KERF BLADES FOR FAST FLEXIBLE CUTS



WOOD CUTTING SAWZALL™ BLADE

NAIL GUARD
RIPS NAILS NOT TEETH™

FANG TIP
FASTER PLUNGING

THE AX™ wood-cutting blades are designed to provide tough, straight cuts in nail-embedded wood and engineered lumber. Choose THE AX™ blades for straight door and window cut-outs or for greater tooth durability when cutting a lot of nails. THE AX™ blades are 1" tall and 0.062" thick.

Thin Kerf wood-cutting blades are designed to provide fast, flexible cuts in nail-embedded wood and engineered lumber. Choose Thin Kerf blades for flush cuts and scroll cuts or for slightly faster cutting in dimensional lumber, plywood and OSB. Thin Kerf wood-cutting blades are 3/4" tall and 0.050" thick.

THE AX™ TOUGH STRAIGHT CUTS				THIN KERF FAST FLEXIBLE CUTS	
TPI	Length	5 Packs	25 Packs	5 Packs	50 Packs
5	6"	48-00-5021	48-00-8021	48-00-5035	48-01-6035
5	9"	48-00-5026	48-00-8026	48-00-5036	48-01-6036
5	12"	48-00-5027	48-00-8027	48-00-5037	48-01-6037

ROUGH-IN
48-00-1610

IDEAL FOR TIGHT RADIUS CUTS

FLUSH CUT
48-00-1600

IDEAL FOR DOOR CUT-OUTS

METAL CUTTING SAWZALL™ BLADE

DOUBLE DUTY UPGRADE™



THE TORCH™ metal-cutting blades are designed to provide tough, straight cuts in all metal materials. Choose THE TORCH™ blades when you need straight cuts in pipe or tube, or when you need greater tooth durability in hollow materials like strut or conduit. THE TORCH™ blades are 1" tall and 0.042" thick.

Thin Kerf metal-cutting blades are designed to provide fast, flexible cuts in all metal materials. Choose Thin Kerf blades when you need flexibility for flush cuts or scroll cuts, or when you need flexibility for flush cuts or scroll cuts, or when you want faster cuts in solid materials like threaded rod or bar stock. Thin Kerf metal-cutting blades are 3/4" tall and 0.035" thick.

THE TORCH™ TOUGH STRAIGHT CUTS				THIN KERF FAST FLEXIBLE CUTS			
TPI	Length	5 Packs	25 Packs	5 Packs	50 Packs		
10	4"	-	-	48-00-5090	-	-	-
10	6"	48-00-5712	48-00-8712	48-00-5092	48-01-6092	-	-
10	9"	48-00-5713	48-00-8713	-	-	-	-
10	12"	48-00-5714	-	-	-	-	-
14	4"	-	-	48-00-5181	-	-	-
14	6"	48-00-5782	48-00-8782	48-00-5182	48-01-6182	-	-
14	9"	48-00-5787	48-00-8787	48-00-5187	48-01-6187	-	-
14	12"	48-00-5794	-	-	-	-	-
18	4"	-	-	48-00-5183	-	-	-
18	6"	48-00-5784	48-00-8784	48-00-5184	48-01-6184	-	-
18	9"	48-00-5788	48-00-8788	48-00-5188	48-01-6188	-	-
18	12"	48-00-5789	48-00-8789	48-00-5189	48-01-6189	-	-
24	4"	-	-	48-00-5185	-	-	-
24	6"	48-00-5786	-	48-00-5186	48-01-6186	-	-
24	9"	48-00-5790	-	-	-	-	-
24	12"	48-00-5791	-	-	-	-	-

DUCTWORK
48-00-1630

IDEAL FOR INSTALLING TAKE-OFFS

DRYWALL ACCESS
48-00-1640

IDEAL FOR SERVING PLUMBING AND ELECTRICAL

MULTI-MATERIAL SAWZALL™ BLADES

THE WRECKER™ TACKLE ANYTHING. Choose multi-material blades when cutting wood, plastic and metal at the same time or when you need to quickly switch between applications without changing your blade.



THE WRECKER™ multi-material blades are designed for true demolition work. Choose THE WRECKER™ blades when you need tough cuts in nail-embedded wood, plaster and ferrous and nonferrous metals. THE WRECKER™ blades are 1" tall and 0.062" thick.



Thin Kerf multi-material blades are designed to provide fast, flexible cuts in woods, plastics and metals. 8/12 TPI blades are 3/4" tall and 0.050" thick, while 10/14 TPI blades are 3/4" tall and 0.035" thick.

THE WRECKER™ TOUGH STRAIGHT CUTS				THIN KERF FAST FLEXIBLE CUTS			
TPI	Length	5 Packs	25 Packs	5 Packs	50 Packs		
7/11	6"	48-00-5701	48-00-8701	-	-	-	-
7/11	9"	48-00-5706	48-00-8706	-	-	-	-
7/11	12"	48-00-5711	48-00-8711	-	-	-	-
8/12	6"	-	-	48-00-5091	48-00-6091	-	-
8/12	8"	-	-	48-00-5093	48-00-6093	-	-
8/12	12"	-	-	48-00-5094	48-00-6094	-	-
10/14	8"	-	-	48-00-5193	-	-	-
10/14	12"	-	-	48-00-5194	-	-	-

SPECIALTY SAWZALL™ BLADE

Description	TPI	Length	Height	Width	1 Pack	5 Packs
DUCTWORK	30	3.33"	0.75"	0.050"	-	48-00-1630
DRYWALL ACCESS	-	2.5"	0.75"	0.062"	48-00-1640	-
FLUSH CUT	5	12"	2-1/8"	0.062"	48-00-1600	-
ROUGH-IN	5	7-3/8"	1/2"	0.062"	-	48-00-1610
THE TORCH™ DIAMOND GRIT	GRIT	6"	1"	0.042"	48-00-1440	-
	GRIT	9"	1"	0.042"	48-00-1450	-
CARBIDE GRIT	GRIT	6"	3/4"	0.032"	48-00-1421	48-00-1420 (3 Packs)
	GRIT	9"	3/4"	0.032"	48-00-1431	48-00-1430 (3 Packs)
PRUNING	5	9"	3/4"	0.049"	48-00-1304	48-00-1301
	5	12"	3/4"	0.049"	48-00-1305	48-00-1303
	6	6"	3/4"	0.050"	-	48-00-5015
CLEAN WOOD	6	9"	3/4"	0.050"	-	48-00-5016
	6	12"	3/4"	0.050"	-	48-00-5017
	6	5"	3/4"	0.050"	-	48-00-5052
PLASTER	10	3-5/8"	5/16"	0.035"	-	48-00-5161
	14	3-5/8"	5/16"	0.035"	-	48-00-5162
	18	3-5/8"	5/16"	0.035"	-	48-00-5163
WOOD SCROLLING	4/6	6"	1/2"	0.050"	-	48-00-5041

DIAMOND GRIT THE TORCH™
48-00-1440 and 48-00-1450

IDEAL FOR CAST IRON

SCRAPER BLADES
49-00-5455, 49-00-5456 and 49-00-5463

IDEAL FOR MATERIAL REMOVAL

HACKZALL™ BLADES

Designed to optimize the cutting performance of HACKZALL™ recip saws.

Length	Pkg Qty	Part #	Blade Application	Length	Pkg Qty	Part #	Blade Application
3-1/2"	5	49-00-5310	Wood Scroll	4"	5	49-00-5418	EMT
3-1/2"	5	49-00-5324	Metal Scroll	4"	5	49-00-5424	Duct
4"	3	49-00-5400	Fiberglass	4"	5	49-00-5460	Wood
4"	5	49-00-5410	Multi-Material	4"	5	49-00-5461	Plaster & Drywall
4"	5	49-00-5414	PVC	6"	5	49-00-5614	PVC



EXTENDED RUN TIME
■ Thin kerf design for maximum cuts per battery charge

LONG LIFE
■ Wear resistant bi-metal extends tooth life

ACCESSIBILITY
■ Shorter blades allow access to tight spaces

SAWZALL® / HACKZALL™ BLADES

Compatible with HACKZALL™ and SAWZALL® recip saws.

1-1/2" Scraper Blade
49-00-5463



MAXIMUM DURABILITY
■ High strength steel resists chipping and breaking

LONG LIFE
■ Blade coating resists corrosion
■ Resharpenable design

3" Scraper Blade
49-00-5456



Carbide Grit Grout Removal Tool
49-00-5450



LONG LIFE
■ Tungsten carbide grit resists wear

MAXIMUM CONTROL
■ Rounded blade edge reduces bouncing

MAXIMUM DURABILITY
■ High strength steel resists chipping and breaking

OSCILLATING MULTI-TOOL BLADES & ACCESSORIES

Overview

MILWAUKEE® Oscillating Multi-Tool Accessories provide a complete solution for cutting, scraping, sanding, and grinding across a wide range of materials and applications. Equipped with an OPEN-LOK™ Universal blade anchor for quick blade changes. Made with high quality materials and advanced manufacturing processes to deliver professional grade performance and market leading innovation.

TITANIUM ENHANCED CARBIDE TEETH BLADES

- TITANIUM ENHANCED™ Carbide Teeth for ultimate blade longevity
- Extreme Metal Blade: Cuts through screws, bolts, hard metal, cement board, plaster, and more
- Extreme Materials Blade: Fast cuts through wood with screws, nails, cement board, plaster, copper, and more
- Universal Fit, OPEN-LOK™ anchor raised for easy flush cuts and quick blade changes



49-25-1521

Description	Width (mm)	Length (mm)	Pack Quantity	Part No.	Materials
TITANIUM ENHANCED™ Carbide Teeth Extreme Metal Blade	35	38	1	49-25-1501	
TITANIUM ENHANCED™ Carbide Teeth Extreme Materials Blade	35	38	1	49-25-1521	

TITANIUM ENHANCED BI-METAL BLADES

- TITANIUM ENHANCED™ Carbide Teeth for ultimate blade longevity
- Cut-away blade body shape for easier plunge cuts
- Universal Fit, OPEN-LOK™ anchor raised for easy flush cuts and quick blade changes



49-25-1261

Description	Width (mm)	Length (mm)	Pack Quantity	Part No.	Materials
TITANIUM ENHANCED™ Bi-Metal Metal Blade	10	42	1	49-25-1201	
TITANIUM ENHANCED™ Bi-Metal Multi-Material Deep Plunge Blade	32	67	1	49-25-1203	
TITANIUM ENHANCED™ Bi-Metal Multi-Material Blade	35	51	1	49-25-1231	
TITANIUM ENHANCED™ Bi-Metal Multi-Material Blade	64	42	1	49-25-1241	
TITANIUM ENHANCED™ Bi-Metal Multi-Material Segmented Blade	89	19	1	49-25-1271	
TITANIUM ENHANCED™ Bi-Metal Metal Blade	29	55	1	49-25-1251	
TITANIUM ENHANCED™ Bi-Metal Metal Blade	44	55	1	49-25-1261	

JAPANESE TOOTH HARDWOOD BLADES

- Precision ground Japanese teeth for a smooth finish and highest speed cuts
- Pro-Curve cutting edge for greater control and clean cuts
- Universal Fit, OPEN-LOK™ anchor raised for easy flush cuts and quick blade changes



49-25-1131

Description	Width (mm)	Length (mm)	Pack Quantity	Part No.	Materials
High Carbon Steel Japanese Tooth Hardwood Blade	35	51	1	49-25-1131	
High Carbon Steel Japanese Tooth Hardwood Blade	64	42	1	49-25-1151	

WOOD BLADES

- Optimized teeth for fast cuts in wood
- Cut-away blade body shape for easier plunge cuts
- Universal Fit, OPEN-LOK™ anchor raised for easy flush cuts and quick blade changes



Description	Width (mm)	Length (mm)	Pack Quantity	Part No.	Materials
High Carbon Steel Wood Blade	35	51	1	49-25-1101	
High Carbon Steel Wood Blade	64	42	1	49-25-1111	
High Carbon Steel Wood Segment Blade	89	19	1	49-25-1121	

SPECIALTY

- Universal OPEN-LOK™ anchor for quick blade changes
- Laser etching to easily identify blade application
- Specialty cutting, scraping, grinding, and sanding accessories



Description	Pack Quantity	Part No.	Materials
5 In 1 Drywall Blade	1	49-25-2281	
2 In 1 Carbide Grit Grout & Mortar Blade	1	49-25-2261	
Boot Shaped Diamond Grit Grout Blade	1	49-25-2271	
3 In 1 Multi-Cutter Blade	1	49-25-2221	
2 Pc Flexible & Rigid Scraper Blade Combo Pack	2	49-25-2202	
Window Sealant Cutters	5	49-25-2222	
Straight Sealant Cutters	5	49-25-2231	

Description	Pack Quantity	Part No.	Materials
Tapered Sealant Cutters	5	49-25-2241	
Triangle Sanding Pad	1	49-25-2001	
10 Pc Triangle Sanding Pad & Sandpaper	10	49-25-2009	
60 Grit Sandpaper	6	49-25-2060	
80 Grit Sandpaper	6	49-25-2080	
120 Grit Sandpaper	6	49-25-2120	
180 Grit Sandpaper	6	49-25-2180	

BLADE SETS & VARIETY PACKS

Description	Includes	Part No.	Product
TITANIUM ENHANCED™ All Purpose Pro Blade Set	(1) 1-3/8" TITANIUM ENHANCED™ Carbide Metal Blade (1) 1-3/8" TITANIUM ENHANCED™ Bi-Metal Multi-Material Blade (1) 1-3/8" High Carbon Steel Japanese Tooth Hardwood Blade	49-10-9001	
TITANIUM ENHANCED™ Multi-Material Variety Pack	(1) 1-3/8" TITANIUM ENHANCED™ Carbide Multi-Material Blade (1) 1-3/8" TITANIUM ENHANCED™ Bi-Metal Multi-Material Blade (1) 2-1/2" TITANIUM ENHANCED™ Bi-Metal Multi-Material Blade	49-10-9005	
TITANIUM ENHANCED™ Metal Variety Pack	(1) 1-3/8" TITANIUM ENHANCED™ Carbide Metal Blade (1) 1-1/8" TITANIUM ENHANCED™ Bi-Metal Metal Blade (1) 1-3/4" TITANIUM ENHANCED™ Bi-Metal Metal Blade	49-10-9006	
High Carbon Steel Wood Variety Pack	(1) 1-3/8" High Carbon Steel Wood Blade (1) 2-1/2" High Carbon Steel Wood Blade (1) 3-1/2" Segmented High Carbon Steel Wood Blade	49-10-9004	
Multi-Tool Blade Kit w/ Case	(2) 1-3/8" TITANIUM ENHANCED™ Bi-Metal Multi-Material Blades (1) 2-1/2" TITANIUM ENHANCED™ Bi-Metal Multi-Material Blade (2) 1-3/8" High Carbon Steel Japanese Tooth Hardwood Blades (1) 1-3/8" High Carbon Steel Wood Blade (1) Hard Case Included	49-10-9112	
Multi-Tool Blade Kit w/ Case	(1) 1-3/8" TITANIUM ENHANCED™ Carbide Metal Blade (2) 1-3/8" TITANIUM ENHANCED™ Bi-Metal Multi-Material Blades (1) 2-1/2" TITANIUM ENHANCED™ Bi-Metal Multi-Material Blade (1) 3-1/2" Segmented TITANIUM ENHANCED™ Bi-Metal Multi-Material Blade (2) 1-3/8" High Carbon Steel Japanese Tooth Hardwood Blades (2) 1-3/8" High Carbon Steel Wood Blades (1) Hard Case Included	49-10-9113	

BI-METAL PORTABLE BAND SAW BLADES

BAND SAW BLADES	WORK PIECE THICKNESS			
	5/16" - 1/2"	3/16" - 5/16"	5/32" - 3/16"	UP TO 5/32"
10 TPI	SOFTEST MATERIAL	SOFTEST MATERIAL		
14 TPI	HARDEST MATERIAL	SOFTEST MATERIAL		
18 TPI		HARDEST MATERIAL	SOFTEST MATERIAL	
24 TPI			HARDEST MATERIAL	
10/14 TPI				HARDEST MATERIAL
14/18 TPI				

Type	System	TPI	Length	3 Pack Id. No.
Deep Cut Blade	M18 / M28 / AC	10	44-7/8"	48-39-0501
Deep Cut Blade	M18 / M28 / AC	14	44-7/8"	48-39-0511
Deep Cut Blade	M18 / M28 / AC	18	44-7/8"	48-39-0521
Deep Cut Blade	M18 / M28 / AC	24	44-7/8"	48-39-0531
Deep Cut Blade	M18 / M28 / AC	10 / 14	44-7/8"	48-39-0551
Deep Cut Blade	M18 / M28 / AC	14 / 18	44-7/8"	48-39-0561
Compact Blade	M18	10	35-3/8"	48-39-0509
Compact Blade	M18	14	35-3/8"	48-39-0519
Compact Blade	M18	18	35-3/8"	48-39-0529
Compact Blade	M18	24	35-3/8"	48-39-0539
Sub-Compact Blade	M12	18	27"	48-39-0572

MAXIMUM DURABILITY

- Matrix II high speed steel protects teeth from chipping and breaking

EXTENDED LIFE

- Alloy backing steel resists kinking and snapping

CLEAN CUTS

- Precision formed teeth cut quickly and smoothly

MOST SOLID MATERIALS | VERY HARD SOLID MATERIALS (like stainless steel) | INTERRUPTED CUTTING (like structurals and profiles)

HOLE DOZER™ CARBIDE TEETH



THERMOSET COATING
2x
FASTER

LONG LIFE IN STAINLESS STEEL.

METAL CUTTING SAWZALL BLADE



HOLE DOZER™ CARBIDE TEETH

- 3.5TPI carbide teeth design for long life & better durability
- Harder carbide grade for improved wear resistance
- Plug-jack slots for all access slot for fast plug removal
- 70% larger gullet for faster chip removal
- Thermoset coating for fast cuts and more cuts per charge

Size	Part No.	Size	Part No.
3/4"	49-56-0702	2-1/4"	49-56-0724
7/8"	49-56-0704	2-3/8"	49-56-0726
1"	49-56-0707	2-1/2"	49-56-0727
1-1/8"	49-56-0708	2-5/8"	49-56-0729
1-1/4"	49-56-0710	3"	49-56-0734
1-3/8"	49-56-0712	3-1/2"	49-56-0738
1-1/2"	49-56-0713	3-5/8"	49-56-0739
1-3/4"	49-56-0717	4"	49-56-0742
1-7/8"	49-56-0719	4-1/4"	49-56-0744
2"	49-56-0720	4-1/2"	49-56-0746



HOLE DOZER™

HIGHLY DURABLE HOLE SAW.

RIP GUARD™
Tooth Design
Prevents Breaking

- Added steel for tooth strength

PLUG JACK™
All-Access Slot

- Wider slots with multiple leverage positions



Hole Ø mm	Hole Ø Inch	Thread	Part #	Hole Ø mm	Hole Ø Inch	Thread	Part #
14	9/16"	1/2"-20	49-56-9690	57	2-1/4"	5/8"-18	49-56-9628
16	5/8"	1/2"-20	49-56-9603	59	2-5/16"	5/8"-18	49-56-9629
17	11/16"	1/2"-20	49-56-9604	60	2-3/8"	5/8"-18	49-56-9630
19	3/4"	1/2"-20	49-56-9605	64	2-1/2"	5/8"-18	49-56-9631
21	13/16"	1/2"-20	49-56-9606	65	2-9/16"	5/8"-18	49-56-9632
22	7/8"	1/2"-20	49-56-9607	67	2-5/8"	5/8"-18	49-56-9633
24	15/16"	1/2"-20	49-56-9608	70	2-3/4"	5/8"-18	49-56-9635
25	1"	1/2"-20	49-56-9609	73	2-7/8"	5/8"-18	49-56-9636
27	1-1/16"	1/2"-20	49-56-9610	76	3"	5/8"-18	49-56-9637
29	1-1/8"	1/2"-20	49-56-9611	79	3-1/8"	5/8"-18	49-56-9638
30	1-3/16"	1/2"-20	49-56-9612	83	3-1/4"	5/8"-18	49-56-9639
32	1-1/4"	5/8"-18	49-56-9613	86	3-3/8"	5/8"-18	49-56-9640
33	1-5/16"	5/8"-18	49-56-9614	89	3-1/2"	5/8"-18	49-56-9641
35	1-3/8"	5/8"-18	49-56-9615	92	3-5/8"	5/8"-18	49-56-9642
37	1-7/16"	5/8"-18	49-56-9616	95	3-3/4"	5/8"-18	49-56-9643
38	1-1/2"	5/8"-18	49-56-9617	98	3-7/8"	5/8"-18	49-56-9644
40	1-9/16"	5/8"-18	49-56-9618	102	4"	5/8"-18	49-56-9645
41	1-5/8"	5/8"-18	49-56-9619	105	4-1/8"	5/8"-18	49-56-9646
43	1-11/16"	5/8"-18	49-56-9620	108	4-1/4"	5/8"-18	49-56-9647
44	1-3/4"	5/8"-18	49-56-9621	111	4-3/8"	5/8"-18	49-56-9648
46	1-13/16"	5/8"-18	49-56-9622	114	4-1/2"	5/8"-18	49-56-9649
48	1-7/8"	5/8"-18	49-56-9623	121	4-3/4"	5/8"-18	49-56-9650
51	2"	5/8"-18	49-56-9624	127	5"	5/8"-18	49-56-9652
52	2-1/16"	5/8"-18	49-56-9625	140	5-1/2"	5/8"-18	49-56-9654
54	2-1/8"	5/8"-18	49-56-9626	152	6"	5/8"-18	49-56-9656

Model	Description
49-56-6560	Arbor adapter
49-56-6950	Hole saw small arbor 1/4" shank
49-56-7000	Hole saw small arbor 7/16" shank
49-56-7040	Hole saw large arbor 3/8" shank
49-56-7055	Hole saw large arbor 7/16" q/c, thru-hole
49-56-7210	Hole saw small arbor 3/8" q/c, twist release™
49-56-7240	Hole saw large arbor 7/16" q/c, ergo grip
49-56-7250	Hole saw large arbor 3/8" q/c, ergo grip
49-56-8000	Hole saw Thunderbolt™ pilot drill 1/4" x 4"
49-56-8005	Hole saw carbide tipped pilot drill 1/4" x 3 1/2"
49-56-8010	Hole saw Thunderbolt™ pilot drill 1/4" x 3 1/2"
49-56-8031	Hole saw Thunderbolt™ pilot drill 1/4" x 4" - bulk (12)
49-56-8033	Hole saw Thunderbolt™ pilot drill 1/4" x 3 1/2" - bulk (12)
49-56-9100	Hole saw large arbor 7/16" q/c, no wobble
49-67-0120	Adapter spacer



HOLE SAW ARBORS

UNIVERSAL

- Works with all major brands of hole saws
- Accepts any 1/4" straight or 3-flat shank pilot bit



49-56-7000

DURABLE

- Made from hardened steel and alloy steel



49-56-6950



49-56-7055

QUICK CHANGE ARBORS

- Tool-free operation
- No adapter required



49-56-9100



49-56-7250



49-56-7240

	49-56-7000	49-56-6950	49-56-7055	49-56-9100	49-56-7250	49-56-7240
			Quick Change	Quick Change	Quick Change	Quick Change
Hole Saw Size Range	Up to 1-3/8" (35mm)			1-1/4" & Larger (32mm +)		
Minimum Chuck Size	1/2" (13mm)	1/4" (6mm)	1/2" (13mm)	1/2" (13mm)	3/8" (10mm)	1/2" (13mm)
Works with Pilot Bits	49-56-8000, 49-56-8010, 49-56-8005	49-56-8000, 49-56-8005		49-56-8000, 49-56-8010, 49-56-8005		

PILOT BITS

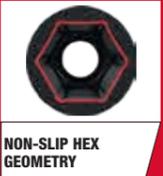
- THUNDERBOLT Pilot Bit with Thicker Core - Up To 5X More Durable

Description	Individual Package	12 Pack (Bulk)
1/4" x 4" THUNDERBOLT® Pilot bit	49-56-8000	49-56-8031
1/4" x 3-1/2" THUNDERBOLT® Pilot bit	49-56-8010	49-56-8033
1/4" x 4" Carbide Tipped Pilot bit	49-56-8005	-
Cobalt Pilot Bit for Hole Saw	49-56-7100	-
Small Arbor with Cobalt Pilot Bit	49-56-7110	-
Large Arbor with Cobalt Pilot Bit	49-56-7115	-

BOLD, LONG LASTING MARKINGS.

OVER 190 SOCKETS AVAILABLE WITH 5 DIFFERENT DRIVE SIZES

- 1/4" DRIVE
- 3/8" DRIVE
- 1/2" DRIVE
- 3/4" DRIVE
- 1" DRIVE



6-POINT DESIGN STANDARD & DEEP LENGTH

SHOCKWAVE IMPACT DUTY SOCKETS

SHOCKWAVE IMPACT DUTY 1/2" DRIVE SOCKET SETS

DESCRIPTION	INCLUDES	PART NO.
NEW 6 PT DEEP 10 PC SHOCKWAVE Impact Duty 1/2" Drive Deep 6 Point 10PC Socket Set	4932 4803 28 (10 MM) 4932 4803 29 (11 MM) 4932 4803 30 (12 MM) 4932 4803 31 (13 MM) 4932 4803 32 (14 MM) 4932 4803 35 (17 MM) 4932 4803 37 (19 MM) 4932 4803 39 (21 MM) 4932 4803 40 (22 MM) 4932 4803 42 (24 MM)	4932480457
NEW 6 PT STANDARD 13 PC SHOCKWAVE Impact Duty 1/2" Drive Standard 6 Point 13PC Socket Set	4932 4803 04 (10 MM) 4932 4803 06 (12 MM) 4932 4803 07 (13 MM) 4932 4803 08 (14 MM) 4932 4803 09 (15 MM) 4932 4803 11 (17 MM) 4932 4803 13 (19 MM) 4932 4803 15 (21 MM) 4932 4803 16 (22 MM) 4932 4803 18 (24 MM) 4932 4803 57 (Universal Joint) 4932 4788 03 (Socket Adaptor) 4932 4803 52 (Socket Extension)	4932480456

SHOCKWAVE IMPACT DUTY SOCKETS

SHOCKWAVE IMPACT DUTY 1/2" DRIVE SOCKET SETS

DESCRIPTION	INCLUDES	PART NO.	
<p>6 PT STANDARD 14 PC SHOCKWAVE Impact Duty 1/2" Drive Standard 6 Point 14PC Socket Set</p>	49-66-6242 (10 MM)	49-66-6249 (17 MM)	49-66-7013
	49-66-6243 (11 MM)	49-66-6250 (18 MM)	
	49-66-6244 (12 MM)	49-66-6251 (19 MM)	
	49-66-6245 (13 MM)	49-66-6253 (21 MM)	
	49-66-6246 (14 MM)	49-66-6254 (22 MM)	
<p>6 PT DEEP 14 PC SHOCKWAVE Impact Duty 1/2" Drive Deep 6 Point 14PC Socket Set</p>	49-66-6271 (10 MM)	49-66-6278 (17 MM)	49-66-7014
	49-66-6272 (11 MM)	49-66-6279 (18 MM)	
	49-66-6273 (12 MM)	49-66-6280 (19 MM)	
	49-66-6274 (13 MM)	49-66-6282 (21 MM)	
	49-66-6275 (14 MM)	49-66-6283 (22 MM)	
<p>6 PT DEEP 29 PC SHOCKWAVE Impact Duty 1/2" Drive Deep 6 Point 29PC Socket Set</p>	49-66-6269 (8 MM)	49-66-6284 (23 MM)	49-66-7015
	49-66-6270 (9 MM)	49-66-6285 (24 MM)	
	49-66-6271 (10 MM)	49-66-6286 (25 MM)	
	49-66-6272 (11 MM)	49-66-6287 (26 MM)	
	49-66-6273 (12 MM)	49-66-6288 (27 MM)	
	49-66-6274 (13 MM)	49-66-6289 (28 MM)	
	49-66-6275 (14 MM)	49-66-6290 (29 MM)	
	49-66-6276 (15 MM)	49-66-6291 (30 MM)	
	49-66-6277 (16 MM)	49-66-6292 (31 MM)	
	49-66-6278 (17 MM)	49-66-6293 (32 MM)	
	49-66-6279 (18 MM)	49-66-6294 (33 MM)	
	49-66-6280 (19 MM)	49-66-6295 (34 MM)	
	49-66-6281 (20 MM)	49-66-6296 (35 MM)	
49-66-6282 (21 MM)	49-66-6297 (36 MM)		
49-66-6283 (22 MM)			

SHOCKWAVE IMPACT DUTY 3/4" DRIVE SOCKET SETS

DESCRIPTION	INCLUDES	PART NO.	
<p>6 PT STANDARD 8 PC SHOCKWAVE Impact Duty 3/4" Drive Standard 6 Point 8PC Socket Set</p>	49-66-6364 (26 MM)	49-66-6470 (32 MM)	49-66-7019
	49-66-6365 (27 MM)	49-66-6373 (35 MM)	
	49-66-6367 (29 MM)	49-66-6374 (36 MM)	
	49-66-6368 (30 MM)	49-66-6376 (38 MM)	
<p>6 PT DEEP 8 PC SHOCKWAVE Impact Duty 3/4" Drive Deep 6 Point 8PC Socket Set</p>	49-66-6401 (26 MM)	49-66-6407 (32 MM)	49-66-7020
	49-66-6402 (27 MM)	49-66-6410 (35 MM)	
	49-66-6404 (29 MM)	49-66-6411 (36 MM)	
	49-66-6405 (30 MM)	49-66-6413 (38 MM)	



**PRECISE FIT
CUSTOM MACHINED TIP™**

**LONG LIFE.
PRECISE FIT.**



OPTIMIZED SHOCK ZONE™



**CUSTOM ALLOY 76™
STEEL**

SHOCKWAVE
IMPACT DUTY

SHOCKWAVE™ IMPACT DUTY DRIVER BITS						
Info	Drive Size	Length	1 Pack	2 Pack	5 Pack	10 Pack
	P2R	1"		48-32-4444		
	PH1	1"		48-32-4411	48-32-4661	
	PH1	2"	48-32-4461			
	PH2	1"		48-32-4412	48-32-4601	
	PH2	2"	48-32-4462		48-32-4602	
	PH2	3-1/2"	48-32-4562		48-32-4604	
	PH2	6"	48-32-4802			48-32-4207
	PH3	1"		48-32-4413	48-32-4663	
	PH3	2"	48-32-4463			
	PH3	3-1/2"	48-32-4563			
	PH3	6"				48-32-4208

SHOCKWAVE™ IMPACT DUTY DRIVER BITS			
Info	SAE Bit	Length	25 Pack (Bulk)
	7/64"	1"	48-32-4703
	9/64"	1"	48-32-4705
	Metric Bit	Length	25 Pack (Bulk)
	10mm	1"	48-32-4730
	12mm	1"	48-32-4731
	2.5mm	1"	48-32-4724
	3mm	1"	48-32-4725
	4mm	1"	48-32-4726
	5mm	1"	48-32-4727
	6mm	1"	48-32-4728
8mm	1"	48-32-4729	

SHOCKWAVE™ IMPACT DUTY DRIVER BITS						
Info	Drive Size	Length	1 Pack	2 Pack	5 Pack	10 Pack
	T10	2"	48-32-4482			
	T15	2"	48-32-4483			
	T20	1"		48-32-4414		
	T20	2"	48-32-4484	48-32-4984		
	T25	1"		48-32-4436		
	T25	2"	48-32-4485	48-32-4985	48-32-4685	
	T25	3-1/2"	48-32-4561			
	T25	6"				48-32-4246
	T27	2"	48-32-4486			
	T30	2"	48-32-4487	48-32-4914		
	T40	2"	48-32-4488			

SHOCKWAVE™ IMPACT DUTY DRIVER BITS				
Info	Drive Size	Length	2 Pack	5 Pack
	ECX™ 1	1"	48-32-4441	
	ECX™ 1	2"		48-32-4491
	ECX™ 2	1"	48-32-4442	
	ECX™ 2	2"		48-32-4492

SHOCKWAVE™ IMPACT DUTY DRIVER BITS							
Info	Drive Size	Length	1 Pack	2 Pack	5 Pack	10 Contractor Pack	10 Pack
	SQ1	1"		48-32-4421	48-32-4621		
	SQ1	2"	48-32-4471				
	SQ1	3-1/2"	48-32-4571				
	SQ2	1"		48-32-4422	48-32-4605	48-32-4607	
	SQ2	2"	48-32-4472		48-32-4606		
	SQ2	3-1/2"	48-32-4572				48-32-4215
	SQ2	6"	48-32-4805				
	SQ3	1"		48-32-4423			
	SQ3	2"	48-32-4473	48-32-4910			
	SQ3	3-1/2"	48-32-4573				
	SQ3	6"	48-32-4809				48-32-4216

SHOCKWAVE™ IMPACT DUTY DRIVER BITS				
Info	Drive Size	Length	1 Pack	2 Pack
	SL 1/4" #10	1"		48-32-4418
	SL 1/4" #10	2"	48-32-4918	
	SL 1/8" #6	1"		48-32-4416
	SL 1/8" #6	2"	48-32-4916	
	SL 3/16" #8	1"		48-32-4417
	SL 3/16" #8	2"	48-32-4919	



SHOCKWAVE™ IMPACT DUTY DRIVER BITS			
Info	Drive Size	Length	10 Pack
	PH1/PH1	65mm	48-32-4360
	PH2/PH2	65mm	48-32-4361
	PH3/PH3	65mm	48-32-4362
	PH1/PH1	100mm	48-32-4363
	PH2/PH2	100mm	48-32-4364
	PH3/PH3	100mm	48-32-4365

SHOCKWAVE™ MAGNETIC BIT HOLDERS		
Description	Includes	SKU
2.36" Magnetic bit tip holder		48-32-4502
3" Magnetic bit tip holder		48-32-4503
6" Magnetic bit tip holder		48-32-4511
12" Magnetic bit tip holder		48-32-4512
Description	Includes	SKU
Shockwave™ 11PC 30° Knuckle™	(1) Phillips® Bit 1" P1 (1) Phillips® Bit 1" P2 (1) Phillips® Bit 1" P3 (1) Slotted Bit 1" SL 1/4" (1) Slotted Bit 1" SL 1/8" (1) Slotted Bit 1" SL 3/16" (1) Slotted Bit 1" SL 9/32" (1) Square Bit 1" SQ (1) Square Bit 1" SQ2 (1) TORX® Bit 1" T25 (1) Shockwave™ 30 knuckle pivoting bit holder	48-32-2301

SHOCKWAVE™ IMPACT BIT SETS

Description	Includes	Part No.
 26 Pc SHOCKWAVE™ Impact Driver Bit Set	(1) Compact Magnetic Bit Holder (1) Phillips Bit 1" PH1 (3) Phillips Bit 1" PH2 (1) Phillips Bit 1" PH3 (1) Square Bit 1" SQ1 (2) Square Bit 1" SQ2 (1) Square Bit 1" SQ3 (2) TORX® Bit 1" T20 (2) TORX® Bit 1" T25 (1) TORX® Bit 1" T30 (1) Slotted Bit 1" SL#8 (1) Phillips Bit 2" PH2 (1) Square Bit 2" SQ2 (1) TORX® Bit 2" T20 (1) TORX® Bit 2" T25 (1) 1/4" Magnetic Nut Driver (1) 5/16" Magnetic Nut Driver (1) 3/8" Magnetic Nut Driver (1) 1/4" Hex to 3/8" Square Socket Adapter (1) 3/8" Drive Socket, 1/2" (1) 3/8" Drive Socket, 9/16"	48-32-4408
 32 Pc SHOCKWAVE™ Impact Driver Bit Set	(1) Compact Magnetic Bit Holder (1) Hex Bit 1" 1/4" (1) Hex Bit 1" 3/16" (1) Phillips Bit 1" PH1 (4) Phillips Bit 1" PH2 (1) Phillips Bit 1" PH3 (1) Phillips Reduced Bit 1" PR2 (1) Square Bit 1" SQ1 (3) Square Bit 1" SQ2 (1) Square Bit 1" SQ3 (1) TORX® Bit 1" T15 (2) TORX® Bit 1" T20 (2) TORX® Bit 1" T25 (1) TORX® Bit 1" T30 (1) Slotted Bit 1" SL#8 (1) Phillips Bit 2" PH2 (1) Phillips Bit 2" PH3 (1) TORX® Bit 2" T20 (1) TORX® Bit 2" T25 (1) Slotted Bit 2" SL#10 (1) 1/4" Magnetic Nut Driver (1) 5/16" Magnetic Nut Driver	48-32-4004
 36 Pc SHOCKWAVE™ Impact Driver Bit Set	(1) Compact Magnetic Bit Holder (1) 6" Magnetic Bit Tip Holder (1) Hex Bit 1" 1/4" (1) Hex Bit 1" 1/8" (1) Hex Bit 1" 3/16" (1) Hex Bit 1" 3/32" (1) Hex Bit 1" 5/32" (1) Hex Bit 1" 5/64" (1) Hex Bit 1" 7/64" (1) Hex Bit 1" 9/64" (1) Phillips Bit 1" PH1 (3) Phillips Bit 1" PH2 (1) Phillips Bit 1" PH3 (1) Phillips Reduced Bit 1" PR2 (1) Slotted Bit 1" SL#8 (2) Slotted Bit 1" SL#10 (1) Slotted Bit 1" SL#12 (1) Square Bit 1" SQ1 (1) Square Bit 1" SQ2 (1) Square Bit 1" SQ3 (1) TORX® Bit 1" T10 (1) TORX® Bit 1" T15 (1) TORX® Bit 1" T27 (2) TORX® Bit 1" T20 (2) TORX® Bit 1" T25 (1) TORX® Bit 1" T30 (1) TORX® Bit 1" T40 (1) 1/4" Insert Magnetic Nut Driver (1) 5/16" Insert Magnetic Nut Driver (1) Insert 3/8" Socket Adapter	48-32-4005
 40 Pc SHOCKWAVE™ Impact Drill & Driver Bit Set	(1) Compact Magnetic Bit Holder (1) 1/8" Titanium RED HELIX™ Drill Bit (1) 3/16" Titanium RED HELIX™ Drill Bit (1) 1/4" Titanium RED HELIX™ Drill Bit (1) Hex Bit 1" 1/4" (1) Hex Bit 1" 1/8" (1) Hex Bit 1" 3/16" (1) Hex Bit 1" 5/32" (1) Phillips Bit 1" PH1 (3) Phillips Bit 1" PH2 (1) Phillips Bit 1" PH3 (1) Phillips Reduced Bit 1" PR2 (1) Square Bit 1" SQ1 (2) Square Bit 1" SQ2 (1) Square Bit 1" SQ3 (1) TORX® Bit 1" T15 (1) TORX® Bit 1" T20 (2) TORX® Bit 1" T25 (1) Slotted Bit 1" SL#8 (1) Slotted Bit 1" SL#10 (1) 1/4" Magnetic Nut Driver (1) 5/16" Magnetic Nut Driver (1) 3/8" Magnetic Nut Driver (1) 3/8" Socket Adapter (1) 1/2" Socket Adapter	48-32-4006
 50 Pc SHOCKWAVE™ Impact Drill & Driver Bit Set	(1) Compact Magnetic Bit Holder (1) Hex Bit 1" 1/4" (1) Hex Bit 1" 3/16" (1) Phillips Bit 1" PH1 (4) Phillips Bit 1" PH2 (2) Phillips Bit 1" PH3 (2) Phillips Reduced Bit 1" PR2 (1) Square Bit 1" SQ1 (4) Square Bit 1" SQ2 (3) Square Bit 1" SQ3 (1) TORX® Bit 1" T15 (2) TORX® Bit 1" T20 (5) TORX® Bit 1" T25 (1) TORX® Bit 1" T30 (1) Slotted Bit 1" SL#6 (1) Slotted Bit 1" SL#10 (2) Phillips Bit 2" PH2 (2) Phillips Bit 2" PH3 (2) Square Bit 2" SQ2 (1) Square Bit 2" SQ3 (1) TORX® Bit 2" T20 (1) TORX® Bit 2" T25 (2) 1/16" Titanium RED HELIX™ Drill Bit (3) 3/32" Titanium RED HELIX™ Drill Bit (2) 1/8" Titanium RED HELIX™ Drill Bit (1) 3/16" Titanium RED HELIX™ Drill Bit (1) 7/32" Titanium RED HELIX™ Drill Bit (1) 1/4" Titanium RED HELIX™ Drill Bit (1) 1/4" Magnetic Nut Driver (1) 5/16" Magnetic Nut Driver (1) 3/8" Socket Adapter (1) 1/2" Socket Adapter	48-32-4013
 52 Pc SHOCKWAVE™ Electrician's Impact Drill & Driver Bit Set	(1) 3" Magnetic Bit Holder (1) Hex Bit 1" 1/4" (1) Hex Bit 1" 3/16" (1) Phillips Bit 1" PH1 (5) Phillips Bit 1" PH2 (1) Phillips Bit 1" PH3 (2) Phillips Bit 2" PH2 (1) Square Bit 1" SQ1 (4) Square Bit 1" SQ2 (1) Square Bit 1" SQ3 (1) Square Bit 2" SQ2 (1) TORX® Bit 1" T20 (2) TORX® Bit 1" T25 (1) TORX® Bit 1" T27 (1) TORX® Bit 1" T30 (1) TORX® Bit 1" T40 (1) Slotted Bit 1" SLSL#8 (1) Slotted Bit 1" SL#10 (1) TORX® Security Bit 1" T10 (1) TORX® Security Bit 1" T15 (1) TORX® Security Bit 1" T20 (1) TORX® Security Bit 1" T25 (1) TORX® Security Bit 1" T27 (1) TORX® Security Bit 1" T30 (1) TORX® Security Bit 1" T30 (1) TORX® Security Bit 1" T30 (1) Hex Security Bit 1" 1/8" (1) Hex Security Bit 1" 9/64" (1) Hex Security Bit 1" 5/32" (1) Hex Security Bit 1" 3/16" (1) Spanner Bit 1" #6 (1) Spanner Bit 1" #8 (1) Spanner Bit 1" #10 (1) Spanner Bit 1" #12 (1) Clutch G Bit 1" 1/8" (1) Clutch G Bit 1" 5/32" (1) Clutch G Bit 1" 3/16" (1) 1/8" Titanium RED HELIX™ Drill Bit (1) 3/16" Titanium RED HELIX™ Drill Bit (1) 1/4" Titanium RED HELIX™ Drill Bit (1) 1/4" Insert Magnetic Nut Driver (1) 5/16" Insert Magnetic Nut Driver (1) 3/8" Insert Magnetic Nut Driver (1) 3/8" Insert Socket Adapter	48-32-4025

Description	Includes	Part No.
 74 Pc SHOCKWAVE™ Impact Driver Bit Set	(1) Compact Magnetic Bit Holder (1) 1/4" Magnetic Nut Driver (1) 5/16" Magnetic Nut Driver (1) PH2/SQ2 2-3/8" Double-Ended Bit (1) PH2/SL#10 2-3/8" Double-Ended Bit (1) PH2/T25 2-3/8" Double-Ended Bit (1) T20/T25 2-3/8" Double-Ended Bit (2) Phillips Bit 1" PH1 (1) Phillips Bit 1" PH2 (2) Phillips Bit 2" PH2 (1) Phillips Bit 3-1/2" PH2 (1) Phillips Bit 1" PR2 (3) Phillips Bit 1" PH3 (1) Phillips Bit 2" PH3 (2) Square Recess Bit 1" SQ1 (4) Square Recess Bit 1" SQ2 (2) Square Recess Bit 2" SQ2 (1) Square Recess Bit 3-1/2" SQ2 (2) Square Recess Bit 1" SQ3 (1) Square Recess Bit 2" SQ3 (1) TORX® Bit 1" T10 (2) TORX® Bit 1" T15 (4) TORX® Bit 1" T20 (1) TORX® Bit 2" T20 (7) TORX® Bit 1" T25 (1) TORX® Bit 2" T25 (1) TORX® Bit 3-1/2" T25 (2) TORX® Bit 1" T27 (2) TORX® Bit 1" T30 (1) Slotted Bit 1" SL#8 (2) Slotted Bit 1" SL#10 (1) Hex Bit 1" 1/8" (1) Hex Bit 1" 9/64" (1) Hex Bit 1" 3/16" (1) Hex Bit 1" 1/4" (1) Hex Bit 1" 3 mm (1) Hex Bit 1" 4 mm (1) Hex Bit 1" 5 mm (1) Hex Bit 1" 6 mm (1) 3/8" Socket Adapter	48-32-4062

SHOCKWAVE™ IMPACT DUTY SETS

Description	Includes	Pack Quantity	Part No.
 SHOCKWAVE™ IMPACT DUTY bit set (33 pc)	SHOCKWAVE™ screwdriving bits: 24 x 25 mm length 1 x PH1 / 2 x PH2 / 1 x PH3, 2 x PZ1 / 3 x PZ2 / 2 x PZ3, 2 x TX10 / 2 x TX15 / 3 x TX20 / 2 x TX25 / 2 x TX30 / 1 x TX40 / 1 x TX50, 5 x 50 mm length / 1 x PH2 / 1 x PZ2, 1 x TX15 / 1 x TX20 / 1 x TX25. 3 x SHOCKWAVE™ magnetic nut drivers: 48 mm length 1 x Hex 7 mm / 1 x Hex 8 mm / 1 x Hex 10 mm. 1 x SHOCKWAVE™ magnetic bit holder 60 mm length	33	4932430905
 SHOCKWAVE™ IMPACT DUTY bit set (40 pc)	"SHOCKWAVE™ screwdriving bits: 25 x 25 mm length 1 x PH1 / 2 x PH2, 1 x PZ1 / 3 x PZ2, 2 x TX10 / 2 x TX15 / 3 x TX20 / 2 x TX25 / 2 x TX30 / 1 x TX40 / 1 x TX50, 1 x Hex 4 mm / 1 x Hex 5 mm, 1 x SL 0.6 x 4.5 / 1 x SL 0.8 x 5.5 / 1 x SL 1.2 x 6.5. 8 x 50 mm length 1 x PH2, 1 x PZ1 / 1 x PZ2, 1 x TX10 / 1 x TX15 / 1 x TX20 / 1 x TX25 / 1 x TX30. SHOCKWAVE™ magnetic bit holder: 1 x 60 mm length, 1 x 152 mm length. 3 x SHOCKWAVE™ 1/4" Hex drill bits: Ø 3 / 4 / 5 mm. 2 x SHOCKWAVE™ magnetic nut drivers: 48 mm length 1 x Hex 8 mm / 1 x Hex 10 mm	40	4932430908
 SHOCKWAVE™ IMPACT DUTY bit set (48 pc)	SHOCKWAVE™ screwdriving bits: 32 x 25 mm length 2 x PH1 / 2 x PH2 / 1 x PH3, 2 x PZ1 / 3 x PZ2 / 1 x PZ3, 3 x TX10 / 3 x TX15 / 3 x TX20 / 3 x TX25 / 3 x TX30 / 1 x TX40, 1 x Hex 4 mm / 1 x Hex 5 mm, 1 x SL 0.6 x 4.5 / 1 x SL 0.8 x 5.5 / 1 x SL 1.2 x 6.5. 8 x 50 mm length 1 x PH1 / 1 x PH2, 1 x PZ2, 1 x TX10 / 1 x TX15 / 1 x TX20 / 1 x TX25 / 1 x TX30. 3 x 90 mm length 1 x PZ2, 1 x TX20 / 1 x TX25. 1 x SHOCKWAVE™ magnetic bit holder 60mm length. 4 x Shockwave 1/4" Hex drill bits: Ø 3 / 4 / 5 / 6 mm	48	4932430906
 SHOCKWAVE™ IMPACT DUTY bit set (56 pc)	SHOCKWAVE™ screwdriving bits: 48 x 25 mm length 2 x PH1 / 3 x PH2 / 1 x PH3, 3 x PZ1 / 4 x PZ2 / 2 x PZ3, 3 x TX10 / 3 x TX15 / 4 x TX20 / 4 x TX25 / 4 x TX30 / 3 x TX40 / 2 x TX50, 2 x Hex 4 mm / 2 x Hex 5 mm, 2 x SL 0.6 x 4.5 / 2 x SL 0.8 x 5.5 / 2 x SL 1.2 x 6.5. 7 x 50 mm length 1 x PH2, 1 x PZ1 / 1 x PZ2, 1 x TX10 / 1 x TX15 / 1 x TX20 / 1 x TX25. 1 x SHOCKWAVE™ magnetic bit holder 60 mm length	56	4932430907

SHOCKWAVE™ RED HELIX™ TITANIUM HEX DRILL BIT SETS

■ The SHOCKWAVE™ RED HELIX™ Titanium Drill Bits are engineered for use in impacts and drills with 1/4" Hex Shank. The drill bits now feature a QUAD EDGE™ Tip designed with four cutting edges that help decrease heat buildup and drill faster. The tapered drill bits' new Enhanced Tapered Web strengthens the bits' cores to increase flute durability. The bits also use a Variable Helix flute that includes an aggressive 35° Helix Angle which ends at 15°. The 135° Split Point Tip delivers a precision start and prevents walking for fast, accurate holes in Wood, PVC and mild steel.



Description	Includes	Part No.
 10 Pc Metric SHOCKWAVE™ RED HELIX™ Titanium Drill Bit Set	(1) Ø 3 mm Metric Titanium SHOCKWAVE™ RED HELIX™ (1) Ø 3.5 mm Metric Titanium SHOCKWAVE™ RED HELIX™ (1) Ø 4 mm Metric Titanium SHOCKWAVE™ RED HELIX™ (1) Ø 4.5 mm Metric Titanium SHOCKWAVE™ RED HELIX™ (1) Ø 5 mm Metric Titanium SHOCKWAVE™ RED HELIX™ (1) Ø 6 mm Metric Titanium SHOCKWAVE™ RED HELIX™ (1) Ø 7 mm Metric Titanium SHOCKWAVE™ RED HELIX™ (1) Ø 8 mm Metric Titanium SHOCKWAVE™ RED HELIX™ (1) Ø 9 mm Metric Titanium SHOCKWAVE™ RED HELIX™ (1) Ø 10 mm Metric Titanium SHOCKWAVE™ RED HELIX™	48-89-4859
 19 Pc Metric SHOCKWAVE™ RED HELIX™ Titanium Drill Bit Set	(1) Ø 2 mm Metric Titanium SHOCKWAVE™ RED HELIX™ (1) Ø 2.5 mm Metric Titanium SHOCKWAVE™ RED HELIX™ (2) Ø 3 mm Metric Titanium SHOCKWAVE™ RED HELIX™ (1) Ø 3.5 mm Metric Titanium SHOCKWAVE™ RED HELIX™ (2) Ø 4 mm Metric Titanium SHOCKWAVE™ RED HELIX™ (1) Ø 4.5 mm Metric Titanium SHOCKWAVE™ RED HELIX™ (1) Ø 5 mm Metric Titanium SHOCKWAVE™ RED HELIX™ (1) Ø 5.5 mm Metric Titanium SHOCKWAVE™ RED HELIX™ (1) Ø 6 mm Metric Titanium SHOCKWAVE™ RED HELIX™ (1) Ø 6.5 mm Metric Titanium SHOCKWAVE™ RED HELIX™ (1) Ø 7 mm Metric Titanium SHOCKWAVE™ RED HELIX™ (1) Ø 7.5 mm Metric Titanium SHOCKWAVE™ RED HELIX™ (1) Ø 8 mm Metric Titanium SHOCKWAVE™ RED HELIX™ (1) Ø 8.5 mm Metric Titanium SHOCKWAVE™ RED HELIX™ (1) Ø 9 mm Metric Titanium SHOCKWAVE™ RED HELIX™ (1) Ø 9.5 mm Metric Titanium SHOCKWAVE™ RED HELIX™ (1) Ø 10 mm Metric Titanium SHOCKWAVE™ RED HELIX™	48-89-4860
 25 Pc Metric SHOCKWAVE™ RED HELIX™ Titanium Drill Bit Set	(1) Ø 2 mm Metric Titanium SHOCKWAVE™ RED HELIX™ (1) Ø 2.5 mm Metric Titanium SHOCKWAVE™ RED HELIX™ (2) Ø 3 mm Metric Titanium SHOCKWAVE™ RED HELIX™ (1) Ø 3.5 mm Metric Titanium SHOCKWAVE™ RED HELIX™ (2) Ø 4 mm Metric Titanium SHOCKWAVE™ RED HELIX™ (1) Ø 4.5 mm Metric Titanium SHOCKWAVE™ RED HELIX™ (1) Ø 5 mm Metric Titanium SHOCKWAVE™ RED HELIX™ (1) Ø 5.5 mm Metric Titanium SHOCKWAVE™ RED HELIX™ (1) Ø 6 mm Metric Titanium SHOCKWAVE™ RED HELIX™ (1) Ø 6.5 mm Metric Titanium SHOCKWAVE™ RED HELIX™ (1) Ø 7 mm Metric Titanium SHOCKWAVE™ RED HELIX™ (1) Ø 7.5 mm Metric Titanium SHOCKWAVE™ RED HELIX™ (1) Ø 8 mm Metric Titanium SHOCKWAVE™ RED HELIX™ (1) Ø 8.5 mm Metric Titanium SHOCKWAVE™ RED HELIX™ (1) Ø 9 mm Metric Titanium SHOCKWAVE™ RED HELIX™ (1) Ø 9.5 mm Metric Titanium SHOCKWAVE™ RED HELIX™ (1) Ø 10 mm Metric Titanium SHOCKWAVE™ RED HELIX™ (1) Ø 10.5 mm Metric Titanium SHOCKWAVE™ RED HELIX™ (1) Ø 11 mm Metric Titanium SHOCKWAVE™ RED HELIX™ (1) Ø 11.5 mm Metric Titanium SHOCKWAVE™ RED HELIX™ (1) Ø 12 mm Metric Titanium SHOCKWAVE™ RED HELIX™ (1) Ø 12.5 mm Metric Titanium SHOCKWAVE™ RED HELIX™ (1) Ø 13 mm Metric Titanium SHOCKWAVE™ RED HELIX™	48-89-4861
 29 Pc Metric SHOCKWAVE™ RED HELIX™ Titanium Drill Bit Set	(1) Ø 2 mm Metric Titanium SHOCKWAVE™ RED HELIX™ (1) Ø 2.5 mm Metric Titanium SHOCKWAVE™ RED HELIX™ (2) Ø 3 mm Metric Titanium SHOCKWAVE™ RED HELIX™ (1) Ø 3.2 mm Metric Titanium SHOCKWAVE™ RED HELIX™ (1) Ø 3.5 mm Metric Titanium SHOCKWAVE™ RED HELIX™ (2) Ø 4 mm Metric Titanium SHOCKWAVE™ RED HELIX™ (1) Ø 4.2 mm Metric Titanium SHOCKWAVE™ RED HELIX™ (1) Ø 4.5 mm Metric Titanium SHOCKWAVE™ RED HELIX™ (1) Ø 4.8 mm Metric Titanium SHOCKWAVE™ RED HELIX™ (1) Ø 5 mm Metric Titanium SHOCKWAVE™ RED HELIX™ (1) Ø 5.5 mm Metric Titanium SHOCKWAVE™ RED HELIX™ (1) Ø 6 mm Metric Titanium SHOCKWAVE™ RED HELIX™ (1) Ø 6.5 mm Metric Titanium SHOCKWAVE™ RED HELIX™ (1) Ø 6.8 mm Metric Titanium SHOCKWAVE™ RED HELIX™ (1) Ø 7 mm Metric Titanium SHOCKWAVE™ RED HELIX™ (1) Ø 7.5 mm Metric Titanium SHOCKWAVE™ RED HELIX™ (1) Ø 8 mm Metric Titanium SHOCKWAVE™ RED HELIX™ (1) Ø 8.5 mm Metric Titanium SHOCKWAVE™ RED HELIX™ (1) Ø 9 mm Metric Titanium SHOCKWAVE™ RED HELIX™ (1) Ø 9.5 mm Metric Titanium SHOCKWAVE™ RED HELIX™ (1) Ø 10 mm Metric Titanium SHOCKWAVE™ RED HELIX™ (1) Ø 10.5 mm Metric Titanium SHOCKWAVE™ RED HELIX™ (1) Ø 11 mm Metric Titanium SHOCKWAVE™ RED HELIX™ (1) Ø 11.5 mm Metric Titanium SHOCKWAVE™ RED HELIX™ (1) Ø 12 mm Metric Titanium SHOCKWAVE™ RED HELIX™ (1) Ø 12.5 mm Metric Titanium SHOCKWAVE™ RED HELIX™ (1) Ø 13 mm Metric Titanium SHOCKWAVE™ RED HELIX™	48-89-4862

MULTI MATERIAL DRILL BIT SETS

- Impact rated: Designed for use with impact drivers and all types of 3 jaw chuck tools like rotary drill/ drivers and percussion drills.
- Tungsten carbide tipped (TCT) drill bits allow drilling into concrete, bricks, roof tiles, aerated concrete blocks, thin metal, aluminium, soft to medium hardness ceramic tiles, all wood types and PVC.
- White flute to identify the drill bit easily in the users tool box.



Description	Includes	Pack Quantity	Part No.
 Multi material drill bit set (8pc)	Ø 4 x 90 mm, Ø 5 / 5 / 6 / 6 x 100 mm, Ø 8 / 10 x 120 mm, Ø 12 x 150 mm	8	4932471112
 Multi material drill bit set (8pc)	Ø 4 x 90 mm, Ø 5 / 5.5 / 5.5 x 100 mm, Ø 6 / 7 x 100 mm, Ø 8 / 10 x 120 mm	8	4932471113

RED HELIX™ COBALT DRILL BIT SETS

■ The RED HELIX™ Cobalt Drill Bits are engineered for extreme durability and longer life in hard metal applications. The drill bits now feature a QUAD EDGE™ Tip designed with four cutting edges that help decrease heat buildup and drill faster. The tapered drill bits' new Enhanced Tapered Web strengthens the bits' cores to increase flute durability. The bits also use a Variable Helix flute that includes an aggressive 35° Helix Angle which ends at 15°. The 135° Split Point Tip delivers a precision start and prevents walking for fast, accurate holes in Wood, PVC, mild steel, and stainless steel.



Description	Includes	Part No.
 19 Pc Metric RED HELIX™ Cobalt Drill Bit Set	(1) Ø 1 mm Cobalt RED HELIX™ Drill Bit (1) Ø 1.5 mm Cobalt RED HELIX™ Drill Bit (1) Ø 2 mm Cobalt RED HELIX™ Drill Bit (1) Ø 2.5 mm Cobalt RED HELIX™ Drill Bit (1) Ø 3 mm Cobalt RED HELIX™ Drill Bit (1) Ø 3.5 mm Cobalt RED HELIX™ Drill Bit (1) Ø 4 mm Cobalt RED HELIX™ Drill Bit (1) Ø 4.5 mm Cobalt RED HELIX™ Drill Bit (1) Ø 5 mm Cobalt RED HELIX™ Drill Bit (1) Ø 6 mm Cobalt RED HELIX™ Drill Bit (1) Ø 6.5 mm Cobalt RED HELIX™ Drill Bit (1) Ø 7 mm Cobalt RED HELIX™ Drill Bit (1) Ø 7.5 mm Cobalt RED HELIX™ Drill Bit (1) Ø 8 mm Cobalt RED HELIX™ Drill Bit (1) Ø 8.5 mm Cobalt RED HELIX™ Drill Bit (1) Ø 9 mm Cobalt RED HELIX™ Drill Bit (1) Ø 9.5 mm Cobalt RED HELIX™ Drill Bit (1) Ø 10 mm Cobalt RED HELIX™ Drill Bit	48-89-2530
 25 Pc Metric RED HELIX™ Cobalt Drill Bit Set	(1) Ø 1 mm Cobalt RED HELIX™ Drill Bit (1) Ø 1.5 mm Cobalt RED HELIX™ Drill Bit (1) Ø 2 mm Cobalt RED HELIX™ Drill Bit (1) Ø 2.5 mm Cobalt RED HELIX™ Drill Bit (1) Ø 3 mm Cobalt RED HELIX™ Drill Bit (1) Ø 3.5 mm Cobalt RED HELIX™ Drill Bit (1) Ø 4 mm Cobalt RED HELIX™ Drill Bit (1) Ø 4.5 mm Cobalt RED HELIX™ Drill Bit (1) Ø 5 mm Cobalt RED HELIX™ Drill Bit (1) Ø 5.5 mm Cobalt RED HELIX™ Drill Bit (1) Ø 6 mm Cobalt RED HELIX™ Drill Bit (1) Ø 6.5 mm Cobalt RED HELIX™ Drill Bit (1) Ø 7 mm Cobalt RED HELIX™ Drill Bit (1) Ø 7.5 mm Cobalt RED HELIX™ Drill Bit (1) Ø 8 mm Cobalt RED HELIX™ Drill Bit (1) Ø 8.5 mm Cobalt RED HELIX™ Drill Bit (1) Ø 9 mm Cobalt RED HELIX™ Drill Bit (1) Ø 9.5 mm Cobalt RED HELIX™ Drill Bit (1) Ø 10 mm Cobalt RED HELIX™ Drill Bit (1) Ø 10.5 mm Cobalt RED HELIX™ Drill Bit (1) Ø 11 mm Cobalt RED HELIX™ Drill Bit (1) Ø 11.5 mm Cobalt RED HELIX™ Drill Bit (1) Ø 12 mm Cobalt RED HELIX™ Drill Bit (1) Ø 12.5 mm Cobalt RED HELIX™ Drill Bit (1) Ø 13 mm Cobalt RED HELIX™ Drill Bit	48-89-2531

CUTTING AND GRINDING WHEELS

METAL CUTTING WHEELS

Abrasive Type	Wheel Diameter (mm)	Thickness (mm)	Bore Size (mm)	Part No.	Image
WA60T	105	1	16	49-94-8400	
WA60T	125	1	22.2	49-94-8500	
A46S	180	1.6	22.2	49-94-8700	
A30R	355	3	25.4	49-94-8140	
A30R	355	2.5	25.4	49-94-8150 NEW	

METAL GRINDING WHEELS

Abrasive Type	Wheel Diameter (mm)	Thickness (mm)	Bore Size (mm)	Part No.	Image
A24R	100	6	16	49-94-8410	
A24R	125	6	22.2	49-94-8510	
A24R	180	6	22.2	49-94-8710	

SANDING BELTS

Paper Size (mm)	Grit	Pack Quantity	Part No.	Image
75 X 457	40	5	4932480546	 NEW
75 X 457	60	5	4932480547	
75 X 457	80	5	4932480548	
75 X 457	100	5	4932480549	
75 X 457	150	5	4932480550	

POWERGRID SANDING MESH ACCESSORIES

- SUPERIOR performance with Faster Material Removal & Tight Corner Accessibility
- 12X LONGER LIFE vs standard sandpaper
- REUSABLE by Shake, Rinse or Vacuum to Reuse Sanding Mesh



Type	Grit	Pack Quantity	Part No.
Pentagon Sanding Mesh	80	12	48-80-5080
Pentagon Sanding Mesh	120	12	48-80-5120
Pentagon Sanding Mesh	150	12	48-80-5150
Pentagon Sanding Mesh	180	12	48-80-5180
Pentagon Sanding Mesh	220	12	48-80-5220
Pentagon Sanding Mesh	320	12	48-80-5320
Pentagon Sanding Mesh	400	12	48-80-5400
Pentagon Sponge Interface Pad	-	1	48-80-5402
Pentagon Sanding Mesh Assorted Kits	80 x 4pc, 120 x 4pc, 180 x 4pc, Pad saver x 1pc	13	48-80-5405



FASTER THAN EVER



Power Breakers
■ 3 offset aggressive power breakers.
■ +25% FASTER



Enlarged Rebar Chamfers
■ Prevents side tip damage when hitting rebar
■ Reduces the risk of the drill bit jamming when hitting rebar



Reinforced Flute
■ High volume flute geometry for optimum dust removal
■ Reinforced flute design

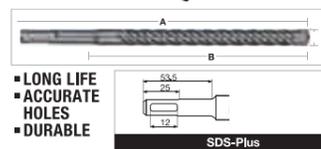


Tapered Shoulder Design
■ Thinner shoulder towards drill tip for less friction providing for greater speed



Centering Tip
■ Ensures immediate spot drilling with pin point accuracy
■ Prevents skidding on smooth surfaces

SDS-PLUS M/2 2 CUTTER DRILL BITS



- LONG LIFE
- ACCURATE HOLES
- DURABLE

Ø mm	A mm	B mm	Part #
3	110	50	352892
3.2	110	50	451961
3.5	110	50	373908
4	110	50	339498
4	160	100	399143
5	110	50	307067
5	140	80	344290
5	160	100	399315
5	210	150	399316
5.5	110	50	339499
5.5	160	100	340408
5.5	210	150	399317
5.5	260	200	399318
5.5	310	250	399319
5.5	410	350	399320
6	110	50	307068
6	160	100	307069
6	210	150	373136
6	260	200	353819
6	310	250	399321
6	460	400	399322
6.5	110	50	344292
6.5	160	100	344293
6.5	210	150	399147
6.5	260	200	399148

Ø mm	A mm	B mm	Part #
6.5	310	250	4932
7	110	50	353820
7	160	100	340409
7	210	150	399222
7	250	190	399324
8	110	50	307070
8	160	100	307071
8	210	150	307072
8	260	200	353821
8	310	250	399325
8	400	340	399326
8	460	400	367013
8	600	540	399327
8	1000	940	399328
8.5	160	100	451962
8.5	210	150	451963
9	160	100	353823
9	210	150	353822
9.5	310	250	451964
10	110	50	340410
10	160	100	307073
10	210	150	307074
10	260	200	344295
10	310	250	353824
10	350	290	451965
10	450	390	344296
10	600	540	367014
10	800	740	451966
10	1000	940	367015
10.5	110	50	451967
10.5	160	100	451968
10.5	210	150	451969
10.5	260	200	451970
10.5	460	410	451971
11	160	110	367066
11	210	160	451972

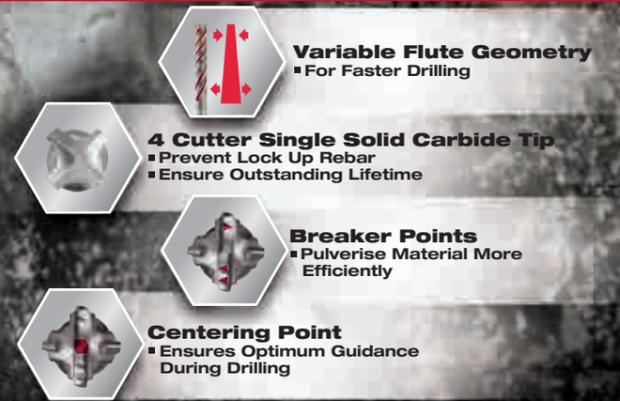
Ø mm	A mm	B mm	Part #
11	260	210	399329
12	160	110	307075
12	210	160	307076
12	260	210	344297
12	310	260	353825
12	360	310	451973
12	450	400	307077
12	600	550	367068
12	800	750	451974
12	1000	950	367071
12	160	110	451975
12.7	160	110	307946
13	210	160	451976
13	260	210	344298
13	310	260	451977
13	360	310	307078
14	210	160	353826
14	260	210	307079
14	310	260	399330
14	450	400	307088
14	600	550	367018
14	1000	950	367019
15	160	110	373910
15	210	160	451978
15	260	210	344300
15	450	400	451979
16	160	110	307080
16	210	160	307081
16	260	210	399331
16	310	260	344301
16	450	400	307082
16	600	550	367069
16	800	750	367020
16	1000	950	367021
17	210	160	451980
17	310	260	451981

Ø mm	A mm	B mm	Part #
17	450	400	451982
18	200	150	344303
18	250	200	307083
18	300	250	344304
18	450	400	340411
18	600	550	367022
18	1000	950	367024
19	200	150	367070
19	450	400	367071
20	200	150	344305
20	250	200	307084
20	300	250	399027
20	450	400	307085
20	600	550	367025
20	1000	950	367026
22	250	200	373911
22	300	250	451984
22	450	400	344307
22	600	550	367027
22	1000	950	367029
23	250	200	451985
23	450	400	451986
24	250	200	373922
24	300	250	451987
24	450	400	307087
25	250	200	344308
25	300	250	451988
25	450	400	344309
25	600	550	451989
25	1000	950	367030
26	250	200	344310
26	450	400	344311

▲ Pre-drill with a short drill bit of the same diameter.



Longer Life!
Nothing but HEAVY DUTY Performance



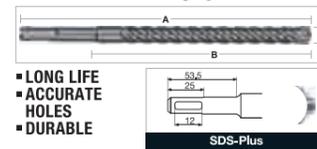
Variable Flute Geometry
■ For Faster Drilling

4 Cutter Single Solid Carbide Tip
■ Prevent Lock Up Rebar
■ Ensure Outstanding Lifetime

Breaker Points
■ Pulverise Material More Efficiently

Centering Point
■ Ensures Optimum Guidance During Drilling

SDS-PLUS M/4 4 CUTTER DRILL BITS



- LONG LIFE
- ACCURATE HOLES
- DURABLE

Ø mm	A mm	B mm	Part #
5	110	50	352007
5	160	100	352008
5	210	150	430133
5.5	110	50	352009
5.5	160	100	352010
6	110	50	352011
6	160	100	352012
6	210	150	352013
6	260	200	352014
6	310	250	352015
6.5	110	50	430134

Ø mm	A mm	B mm	Part #
6.5	160	100	430146
6.5	210	150	352016
6.5	260	200	352017
6.5	310	250	352018
7	110	50	352019
7	160	100	352020
8	110	50	352021
8	160	100	352022
8	210	150	352023
8	260	200	352024
8	310	250	352025
8	460	400	352713
9	160	100	352944
10	110	50	352026
10	160	100	352027
10	210	150	352028
10	260	200	352029
10	310	250	352030
10	450	400	352945
10	600	550	352946
10	1000	950	352947
11	160	110	451990
11	210	160	451991
12	160	110	352031

Ø mm	A mm	B mm	Part #
12	210	160	352032
12	260	210	352033
12	310	260	352034
12	450	400	352035
12	600	550	352947
12	1000	950	352948
13	160	110	430136
13	260	210	430137
13	310	260	451992
14	160	110	352036
14	210	160	352037
14	260	210	352949
14	310	260	352038
14	450	400	352039
14	600	550	352950
14	1000	950	352951
15	160	110	430725
15	210	160	430138
15	260	210	352952
15	450	400	451994
16	160	110	430726
16	210	160	352953
16	260	210	352954
16	310	260	352954

Ø mm	A mm	B mm	Part #
16	450	400	352820
16	600	550	352955
16	1000	950	352956
17	210	160	451995
18	250	200	356502
18	450	400	356503
20	250	200	356504
20	450	400	356505
22	250	200	399332
22	450	400	356506
24	250	200	356507
24	450	400	356508
25	250	200	399333
25	450	400	356509
28	250	200	399334
28	450	400	356510
30	250	200	399335
30	450	400	356511
32	450	400	399336

▲ Pre-drill with a short drill bit of the same diameter.

SDS-MAX M/4 4 CUTTER DRILL BITS



- LONG LIFE
- FAST DUST REMOVAL
- PRECISE ROUND HOLES

Ø mm	A mm	B mm	Part #
12	340	200	352750
12	540	400	352751
12	740	600	430727
14	340	200	352752
14	540	400	352753
15	340	200	352754
15	540	400	352755
16	340	200	352756
16	540	400	352757
16	940	800	352758
16	1320	1180	352759

Ø mm	A mm	B mm	Part #
18	340	200	352760
18	540	400	352761
18	940	800	352762
18	1320	1180	352763
20	320	200	352764
20	520	400	352765
20	920	800	352766
20	1320	1200	352767
22	320	200	352768
22	520	400	352769
22	920	800	352770
22			



Nothing but **HEAVY DUTY.**[™]

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