Milwaukee®

Nothing but **HEAVY DUTY.**™

AUTOMOTIVE ★ AIRCRAFT

Automotive

EQUIPMENT

Automotive Collection 2017/18

DRILLING & DRIVING

M12 CDD

M12 FUEL™ COMPACT 2-SPEED DRILL DRIVER

- Milwaukee® designed and built brushless POWERSTATE™ motor for up to 10x longer motor life, up to 2x more power and up to 2x more run time
- REDLINK PLUS™ intelligence system delivers the most advanced digital overload protection for tool and battery and uniquely enhances the tool performance under load
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- First 13 mm metal chuck in this class for quick bit changes and bit retention
- Fuel gauge displays remaining charge
- Brightest LED workspace illumination

	M12 CDD-0	M12 CDD-202C	M12 CDD-602X
Battery pack capacity (Ah)	–	2.0	6.0
No. of batteries supplied	0	2	2
Charger supplied	–	40 min	90 min
No load speed gear 1 (rpm)	0 - 450	0 - 450	0 - 450
No load speed gear 2 (rpm)	0 - 1700	0 - 1700	0 - 1700
Chuck capacity (mm)	13	13	13
Max. drilling wood (mm)	25	25	25
Max. drilling steel (mm)	13	13	13
Max. torque (Nm)	37	37	44
Weight with battery pack (kg)	–	1.3	1.5
Supplied in	–	Kitbox	HD Box
Article Number	4933440400	4933440390	4933451508

M12 BDD

M12™ SUB COMPACT DRILL DRIVER

- Milwaukee® high performance sub compact drill driver measures 187 mm in length making it ideal for working within confined spaces
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- 10 mm metal chuck for quick bit changes and bit retention
- Optimised handle for better control and improved grip
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- On board fuel gauge and LED light - added user convenience and illumination in low lit working conditions
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Flexible battery system: works with all Milwaukee® M12™ batteries

	M12 BDD-0	M12 BDD-202C	M12 BDD-402C
Battery pack capacity (Ah)	–	2.0	4.0
No. of batteries supplied	0	2	2
Charger supplied	–	40 min	80 min
No load speed gear 1 (rpm)	0 - 400	0 - 400	0 - 400
No load speed gear 2 (rpm)	0 - 1500	0 - 1500	0 - 1500
Chuck capacity (mm)	10	10	10
Max. drilling wood (mm)	22	22	22
Max. drilling steel (mm)	10	10	10
Max. torque (Nm)	30	30	38
Weight with battery pack (kg)	–	1.2	1.4
Supplied in	–	Kitbox	Kitbox
Article Number	4933441930	4933441915	4933441925

M12 BDDX

M12™ SUB COMPACT DRILL DRIVER WITH REMOVABLE CHUCK

- Milwaukee® high performance sub compact 4-in-1 drill driver system for extreme versatility
- Removable chuck system with 3 different heads for multiples of applications
- Standard 10 mm keyless chuck, full metal right angle ¼" hex drive head and full metal offset ¼" hex drive head
- ¼" hex drive behind chuck fitting, reduces drill length to 153 mm when required
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- Full metal planetary gearbox transmission for extreme durability
- LED light for workspace illumination

	M12 BDDX-202C	M12 BDDXKIT-202C
Battery pack capacity (Ah)	2.0	2.0
No. of batteries supplied	2	2
Charger supplied	40 min	40 min
No load speed gear 1 (rpm)	0 - 400	0 - 400
No load speed gear 2 (rpm)	0 -1500	0 -1500
Chuck capacity (mm)	10	10
Max. drilling wood (mm)	25	25
Max. drilling steel (mm)	10	10
Max. torque (Nm)	32	32
Weight with battery pack (kg)	1.2	1.2
Standard equipment	Removable FIXTEC chuck, belt clip, 25 mm PZ2 bit	Removable FIXTEC chuck, offset attachment, right angle drill attachment, belt clip, 25 mm PZ2 bit
Supplied in	Kitbox	Kitbox
Article Number	4933447830	4933447836

C12 RAD

M12™ SUB COMPACT RIGHT ANGLE DRILL

- Heavy Duty full metal gearbox and gears for superior durability and maximum torque
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- Variable speed paddle switch trigger for comfortable working in any situation
- 10 mm chuck for quick bit changes and bit retention
- Electronic clutch with indicator light for complete control
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- On board fuel gauge and LED light - added user convenience and illumination in low lit working conditions
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies

	C12 RAD-0	C12 RAD-202B
Battery pack capacity (Ah)	–	2.0
No. of batteries supplied	0	2
Charger supplied	–	40 min
No load speed (rpm)	0 - 800	0 - 800
Chuck capacity (mm)	10	10
Max. drilling wood (mm)	22	22
Max. drilling steel (mm)	10	10
Max. torque (Nm)	12	12
Weight with battery pack (kg)	–	1.1
Supplied in	–	Tool bag
Article Number	4933416900	4933441215

M18 ONEDD

ONE-KEY™ FUEL™ DRILL DRIVER

- M18 FDD but with ONE-KEY™ technology
- Connect via Bluetooth® with the Milwaukee® ONE-KEY™ app
- Complete tool customisation via ONE-KEY™ app to tune the tool to your needs
- Control speed, torque, start and end speeds, anti-kickback functions and LED
- Configure to any application choosing optimum tool settings for repeatable precision
- Program/save profiles for unmatched control
- Select from a range of application profiles or quickly create your own for perfect results on every trigger pull
- Save up to 4 custom settings to the tools memory for fast selection on the jobsite
- ONE-KEY™ app also provides inventory function for total management of your complete tool/equipment fleet
- More power - unmatched torque of 135 Nm
- More speed - delivers up to 2000 rpm

	M18 ONEDD-0X	M18 ONEDD-502X
Battery pack capacity (Ah)	–	5.0
No. of batteries supplied	0	2
Charger supplied	–	59 min
No load speed gear 1 (rpm)	0 - 550	0 - 550
No load speed gear 2 (rpm)	0 - 2000	0 - 2000
Chuck capacity (mm)	13	13
Max. drilling wood (mm)	45	45
Max. drilling steel (mm)	13	13
Max. torque (Nm)	135	135
Weight with battery pack (kg)	–	2.5
Supplied in	HD Box	HD Box
Article Number	4933451911	4933451149

M18 FDD

M18 FUEL™ DRILL DRIVER

- More power - unmatched torque of 135 Nm
- More speed - delivers up to 2000 rpm
- Smaller size - length of just 190 mm
- Milwaukee® designed and built brushless POWERSTATE™ motor for up to 10x longer motor life and up to 60% more power
- New REDLINK PLUS™ intelligence system delivers the most advanced digital overload protection for tool and battery and uniquely enhances the tool performance under load
- REDLITHIUM-ION™ battery pack delivers up to 2.5x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- Battery fuel gauge displays remaining charge
- Brightest LED workspace illumination

	M18 FDD-0X	M18 FDD-502X
Battery pack capacity (Ah)	–	5.0
No. of batteries supplied	0	2
Charger supplied	–	59 min
No load speed gear 1 (rpm)	0 - 550	0 - 550
No load speed gear 2 (rpm)	0 - 2000	0 - 2000
Chuck capacity (mm)	13	13
Max. drilling wood (mm)	45	45
Max. drilling steel (mm)	13	13
Max. torque (Nm)	135	135
Weight with battery pack (kg)	–	2.5
Supplied in	HD Box	HD Box
Article Number	4933451445	4933451064

M18 BLDD

M18™ COMPACT BRUSHLESS DRILL DRIVER

- Most compact drill driver in its class, measuring only 174 mm in length
- Brushless motor up to 50% more efficient and up to 2x longer life
- 60 Nm of torque, best power to size ratio
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- All-metal gear case and 13 mm metal chuck for quick bit changes and bit retention
- Optimised speed for faster drilling & fastening (0 - 450 / 0 - 1800 rpm)
- On board fuel gauge and LED light
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- Flexible battery system: works with all Milwaukee® M18™ batteries

	M18 BLDD-0	M18 BLDD-202C	M18 BLDD-502C
Battery pack capacity (Ah)	–	2.0	5.0
No. of batteries supplied	0	2	2
Charger supplied	–	40 min	100 min
No load speed gear 1 (rpm)	0 - 450	0 - 450	0 - 450
No load speed gear 2 (rpm)	0 - 1800	0 - 1800	0 - 1800
Chuck capacity (mm)	13	13	13
Max. drilling wood (mm)	38	38	38
Max. drilling steel (mm)	13	13	13
Max. torque (Nm)	60	50	60
Weight with battery pack (kg)	–	1.7	2.0
Supplied in	–	Kitbox	Kitbox
Article Number	4933448440	4933448441	4933448458

M18 BDD

M18™ COMPACT DRILL DRIVER

- Compact drill driver measuring only 185 mm in length, making it ideal for working in confined spaces
- Milwaukee®'s high performance 4-pole motor delivers maximum power whilst maximising the power to weight ratio
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- Full metal gear box delivers maximum performance and long life
- 13 mm metal chuck for quick bit changes and bit retention
- 17 stage torque adjustment plus additional drilling for maximum flexibility
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- Fuel gauge displays remaining charge
- Brightest LED workspace illumination

	M18 BDD-0	M18 BDD-202C	M18 BDD-402C
Battery pack capacity (Ah)	–	2.0	4.0
No. of batteries supplied	0	2	2
Charger supplied	–	40 min	80 min
No load speed gear 1 (rpm)	0 - 450	0 - 450	0 - 450
No load speed gear 2 (rpm)	0 - 1800	0 - 1800	0 - 1800
Chuck capacity (mm)	13	13	13
Max. drilling wood (mm)	38	38	38
Max. drilling steel (mm)	13	13	13
Max. torque (Nm)	50	50	60
Weight with battery pack (kg)	–	1.8	2.0
Supplied in	–	Kitbox	Kitbox
Article Number	4933443530	4933443555	4933443565

C18 RAD

M18™ COMPACT RIGHT ANGLE DRILL

- Optimised performance: 1500 rpm at 20 Nm
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- Perfect speed to power ratio for fast application completion
- 10 mm single sleeve ratcheting chuck provides maximum versatility and grip
- 100 mm compact head designed to fit in the tightest work areas
- Multi-position handle design allows for multiple hand positions and maximum comfort
- 10 + 1 electronic clutch enables complete control while fastening
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- Fuel gauge displays remaining charge
- Built in LED light illuminates the work surface

	C18 RAD-0
Battery pack capacity (Ah)	–
No. of batteries supplied	0
Charger supplied	–
No load speed (rpm)	0 - 1500
Chuck capacity (mm)	10
Max. torque (Nm)	20
Max. drilling wood (mm)	28
Max. drilling steel (mm)	10
Weight with battery pack (kg)	1.9
Supplied in	–
Article Number	4933427189

M12 CD

M12 FUEL™ COMPACT 2-SPEED DRIVER

- Milwaukee® designed and built brushless POWERSTATE™ motor for up to 10x longer motor life, up to 2x more power and up to 2x more run time
- REDLINK PLUS™ intelligence system delivers the most advanced digital overload protection for tool and battery and uniquely enhances the tool performance under load
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- ¼" Hex chuck for quick easy one handed bit change
- Fuel gauge displays remaining charge
- Brightest LED workspace illumination
- Flexible battery system: works with all Milwaukee® M12™ batteries

	M12 CD-0
Battery pack capacity (Ah)	–
No. of batteries supplied	0
Charger supplied	–
No load speed gear 1 (rpm)	0 - 450
No load speed gear 2 (rpm)	0 - 1700
Tool reception	¼" Hex
Max. drilling wood (mm)	25
Max. drilling steel (mm)	10
Max. torque (Nm)	37
Weight with battery pack (kg)	1.2
Supplied in	–
Article Number	4933440450

M12 BD

M12™ SUB COMPACT DRIVER

- Milwaukee® high performance sub compact screw driver measures 175 mm in length making it ideal for working within confined spaces
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- ¼" Hex chuck for quick easy one handed bit change
- Optimised handle for better control and improved grip
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- On board fuel gauge and LED light - added user convenience and illumination in low lit working conditions
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Flexible battery system: works with all Milwaukee® M12™ batteries

	M12 BD-0	M12 BD-202C
Battery pack capacity (Ah)	–	2.0
No. of batteries supplied	0	2
Charger supplied	–	40 min
No load speed gear 1 (rpm)	0 - 400	0 - 400
No load speed gear 2 (rpm)	0 - 1500	0 - 1500
Tool reception	¼" Hex	¼" Hex
Max. drilling wood (mm)	22	22
Max. drilling steel (mm)	10	10
Wood screws to (mm)	6	6
Max. torque (Nm)	30	30
Weight with battery pack (kg)	–	1.0
Supplied in	–	Kitbox
Article Number	4933441910	4933441900

COMPACT SCREWDRIVING BIT CASSETTES

- This high quality cassette aimed at the professional user is available in 3 different assortments.
- Slimline pocket design: 110 mm x 65 mm x 15 mm.
- Secure latch system - easy opening and safe closing.
- Extra side compartment accepts either 50 mm screwdriving bits or drill bits.
- Front window to protect bits from dust.
- High quality screwdriving bits with hardness of 60 HRC and ¼" Hex reception. 25 mm bits manufactured according to DIN 3126 - C 6.3. 50 mm bits are manufactured according to DIN 3126 - E 6.3.
- HSS-G Metal drill bits are ground from one piece of solid high speed steel according to DIN 1412 C. Split point shaped cutting tip with 135° angle for improved centering. Type N flue design for for fast chip removal. Reception manufactured according to DIN 3126 - E 6.3. Suitable for drilling in steel, cast iron, alloyed and non alloyed material up to 900 N/mm² .
- Magnetic bit holder with quick release clutch.

a

b

	Description	Pack quantity	Article Number
	12 pc compact screwdriving bit set.		
a	25 mm: SL 0.8 x 5.5 mm x 1. 25 mm: PH 1 x 1 / PH 2 x 2 / PH 3 x 1. 25 mm: PZ 1 x 1 / PZ 2 x 2 / PZ 3 x 1. 50 mm: PH 2 x 1. 50 mm: PZ 2 x 1. Magnetic bit holder with quick release clutch.	12	4932399513
	27 pc screwdriving bit set.		
b	27 pc robust and compact with an extra big latch. PH 1 x 2 / PH 2 x 2 / PH 3 x 1. PZ 1 x 2 / PZ 2 x 4 / PZ 3 x 2. TX 10 x 2 / TX 15 x 3 / TX 20 x 3. TX 25 x 3 / TX 30 x 1 / TX 40 x 1. Magnetic bit holder with quick release clutch.	27	4932352747

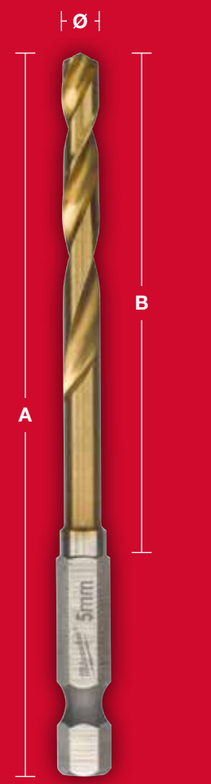
METAL DRILL BITS SHOCKWAVE HSS-G TIN RED HEX

SHOCKWAVE IMPACT DUTY™

RED HEX

- Impact rated drill bit with ¼" hex shank optimised for impact drivers.
- The Chip Breaker tip splits up the size of the material from the cutting edge and helps cooling down the material.
- The 135° tip angle reduces tip walking and allows a precise start.
- The flute design allows for a faster material ejection and decreases heat build up for more efficiency.
- The titanium coating dispenses heat.
- Higher versatility thanks to the ¼" hex shank which makes this drill bit suitable for impact and drill drivers.

Diameter (mm)	Total length (mm) A	Working length (mm) B	Pack quantity	Article Number
2	59.5	17	2	48894703
2.5	62	19	2	48894704
3	65	23	2	48894763
3.2	66.5	23	2	48894706
3.5	69	25	2	48894707
4	71.5	26	2	48894708
4.2	74	28	1	48894709
4.5	76	29	1	48894710
4.8	78	29	1	48894711
5	93	46	1	48894712
5.5	104	59	1	48894764
6	105	60	1	48894714
6.5	107	63	1	48894715
6.8	108	64	1	48894716
7	109	65	1	48894717
7.5	110	66	1	48894718
8	111	67	1	48894719
8.5	114	70	1	48894720
9	117	73	1	48894721
9.5	118	74	1	48894722
10	120	76	1	48894723
10.5	122	78	1	48894724
11	125	81	1	48894725
11.5	126	82	1	48894726
12	127	83	1	48894727
12.5	128	83	1	48894728
13	130	85	1	48894729
Shockwave HSS-G TiN Red Hex drill bit set in plastic cassette (10 pcs) Ø 3 / 3.5 / 4 / 4.5 / 5 / 6 / 7 / 8 / 9 / 10 mm.			10	48894759
Shockwave HSS-G TiN Red Hex drill bit set in plastic cassette (19 pcs) Ø 2 / 2.5 / 2 x 3 / 3.5 / 2 x 4 / 4.5 / 5.5 / 6 / 6.5 / 7 / 7.5 / 8 / 8.5 / 9 / 9.5 / 10 mm.			19	48894760



IMPACT DRIVERS & WRENCHES

M12 CID

M12 FUEL™ COMPACT 1/4" HEX IMPACT DRIVER

- Milwaukee® designed and built brushless POWERSTATE™ motor for up to 3x longer motor life and up to 2x more power
- REDLINK PLUS™ intelligence system delivers the most advanced digital overload protection for tool and battery and uniquely enhances the tool performance under load
- The Milwaukee® DRIVE CONTROL™ allows the user to shift into two different speed and torque settings to maximise application versatility
- Mode 1 for precision work
- Mode 2 delivers maximum performance for the toughest applications
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability

M12 FUEL

	M12 CID-0	M12 CID-202C
Battery pack capacity (Ah)	–	2.0
No. of batteries supplied	0	2
Charger supplied	–	40 min
No load speed (rpm)	0-1200 / 0-2650	0-1200 / 0-2650
Tool reception	1/4" Hex	1/4" Hex
Impact rate (ipm)	0-2700 / 0-3550	0-2700 / 0-3550
Max. torque (Nm)	19/135	19/135
Weight with battery pack (kg)	–	1.0
Supplied in	–	Kitbox
Article Number	4933440410	4933440405

M12 BID

M12™ SUB COMPACT IMPACT DRIVER

- Milwaukee® high performance sub compact impact driver measures 165 mm in length making it ideal for working within confined spaces.
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- Heavy duty full metal gearbox and gears for superior durability and maximum torque
- 1/4" Hex chuck for quick and easy bit change
- Optimised handle for better control and improved grip
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- On board fuel gauge and LED light - added user convenience and illumination in low lit working conditions
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies

M12

	M12 BID-0	M12 BID-202C
Battery pack capacity (Ah)	–	2.0
No. of batteries supplied	0	2
Charger supplied	–	40 min
No load speed (rpm)	0 - 2500	0 - 2500
Impact rate (ipm)	0 - 3300	0 - 3300
Tool reception	1/4" Hex	1/4" Hex
Max. torque (Nm)	112	112
Weight with battery pack (kg)	–	1.0
Supplied in	–	Kitbox
Article Number	4933441955	4933441960

M18 ONEID

ONE-KEY™ FUEL™ 1/4" HEX IMPACT DRIVER

- M18 FID but with ONE-KEY™ technology
- Connect via Bluetooth® with the Milwaukee® ONE-KEY™ app
- Complete tool customisation via ONE-KEY™ app to tune the tool to your needs
- Control speed, torque, start and end speeds and LED control
- Configure to any application choosing optimum tool settings for repeatable precision
- Program/save profiles for unmatched control
- Select from a range of application profiles or quickly create your own for perfect results on every trigger pull
- Save up to 4 custom settings to the tools memory for fast selection on the jobsite
- Specific tool profiles include a range of self tapping screw modes
- ONE-KEY™ app also provides inventory function for total management of your complete tool/equipment fleet

ONE KEY M18 FUEL

	M18 ONEID-0X	M18 ONEID-502X
Battery pack capacity (Ah)	–	5.0
No. of batteries supplied	0	2
Charger supplied	–	59 min
No load speed (rpm)	850/1500/2100/3000	850/1500/2100/3000
Impact rate (ipm)	1450/2400/2900/3700	1450/2400/2900/3700
Max. fastening torque (Nm)	203	203
Max. torque (Nm)	26/80/150/203	26/80/150/203
Tool reception	1/4" Hex	1/4" Hex
Weight with battery pack (kg)	–	1.7
Supplied in	HD Box	HD Box
Article Number	4933459196	4933451370

M18 FID

M18 FUEL™ 1/4" HEX IMPACT DRIVER

- Milwaukee® designed and built brushless POWERSTATE™ motor for up to 3x longer motor life and up to 20% more power
- New REDLINK PLUS™ intelligence system delivers the most advanced digital overload protection for tool and battery and uniquely enhances the tool performance under load
- The Milwaukee® DRIVE CONTROL™ allows the user to shift into four different speed and torque settings to maximise application versatility
- Mode 1 for precision work
- Mode 2 helps prevent damage to fasteners and material
- Mode 3 delivers maximum performance for the toughest applications
- Mode 4 is the optimum between precision work and maximum performance and automatically adjusts speed, impacts and torque

M18 FUEL

	M18 FID-0X	M18 FID-502X
Battery pack capacity (Ah)	–	5.0
No. of batteries supplied	0	2
Charger supplied	–	59 min
No load speed (rpm)	850/2100/3000/0-3000	850/2100/3000/0-3000
Impact rate (ipm)	1800/2900/3700/0-3700	1800/2900/3700/0-3700
Max. fastening torque (Nm)	203	203
Max. torque (Nm)	26/80/203/0-203	26/80/203/0-203
Tool reception	1/4" Hex	1/4" Hex
Weight with battery pack (kg)	–	1.7
Supplied in	HD Box	HD Box
Article Number	4933451447	4933451066

M18 FQID

M18 FUEL™ SURGE™ 1/4" HEX HYDRAULIC IMPACT DRIVER

- The M18 FUEL™ SURGE™ 1/4" Hex hydraulic driver is the quietest cordless fastening solution on the market
- FLUID-DRIVE™ hydraulic powertrain reduces metal on metal contact within the tool, delivering quieter operation, smoother performance and increased durability over a standard impact
- Delivers same performance in wood fastening as standard brushless impact drivers
- POWERSTATE™ brushless motor delivers up to 0 - 3000 RPM with constant power output to drive screws faster
- REDLINK PLUS™ intelligence system delivers the most advanced digital overload protection for tool and battery and uniquely enhances the tool performance under load
- The Milwaukee® DRIVE CONTROL™ allows the user to shift into four different speed and torque settings to maximise application versatility

M18 FUEL

	M18 FQID-0X	M18 FQID-502X
Battery pack capacity (Ah)	–	5.0
No. of batteries supplied	0	2
Charger supplied	–	59 min
No load speed (rpm)	900/2100/3000/3000	900/2100/3000/3000
Impact rate (ipm)	1800/2900/4000/4000	1800/2900/4000/4000
Max. torque (Nm)	50	50
Tool reception	1/4" Hex	1/4" Hex
Max. bolt diameter	M14	M14
Weight with battery pack (kg)	–	1.7
Supplied in	HD Box	HD Box
Article Number	4933459187	4933451790

M18 BLID

M18™ COMPACT BRUSHLESS IMPACT DRIVER

- Compact impact driver measures only 137 mm in length with 99 mm head height
- Brushless motor technology delivers 170 Nm of torque, 2800 rpm and 3600 ipm
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- Heavy duty full metal gearbox and gears for superior durability and maximum torque
- Brightest LED workspace illumination
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- One-handed bit insert with retention lock
- Flexible battery system: works with all Milwaukee® M18™ batteries

M18

	M18 BLID-0	M18 BLID-502C
Battery pack capacity (Ah)	–	5.0
No. of batteries supplied	0	2
Charger supplied	–	100 min
No load speed (rpm)	0 - 2800	0 - 2800
Impact rate (ipm)	0 - 3600	0 - 3600
Tool reception	1/4" Hex	1/4" Hex
Max. torque (Nm)	170	170
Weight with battery pack (kg)	–	1.7
Supplied in	–	Kitbox
Article Number	4933448452	4933448457

M18 BID

M18™ COMPACT IMPACT DRIVER

- Compact impact driver measures 140 mm in length making it ideal for working within confined spaces
- Milwaukee® high performance 4-pole motor delivers maximum power whilst maximising the power to weight ratio
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- Heavy duty full metal gearbox and gears for superior durability and maximum torque
- 1/4" Hex drive with click lock for single hand loading of bit
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- On board fuel gauge and LED light
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies

M18

	M18 BID-0	M18 BID-202C	M18 BID-402C
Battery pack capacity (Ah)	–	2.0	4.0
No. of batteries supplied	0	2	2
Charger supplied	–	40 min	80 min
No load speed (rpm)	0 - 2000/0 - 2750	0 - 2000/0 - 2750	0 - 2000/0 - 2750
Impact rate (ipm)	0 - 2450/0 - 3450	0 - 2450/0 - 3450	0 - 2450/0 - 3450
Tool reception	1/4" Hex	1/4" Hex	1/4" Hex
Max. torque (Nm)	180	180	180
Weight with battery pack (kg)	–	1.4	1.7
Supplied in	–	Kitbox	Kitbox
Article Number	4933443570	4933443585	4933443580

M18 BRAID

M18™ COMPACT RIGHT ANGLE IMPACT DRIVER

- Compact right angle impact driver measures 307 mm in length making it ideal for working within confined spaces
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- Full metal gearbox and gears for superior durability and maximum torque
- Compact 53 mm head design
- Multi-handle design for multiple hand positions and maximum comfort
- 1/4" Hex chuck for quick easy one handed bit change
- 2 speed settings for wider range of applications
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- On board fuel gauge and LED light

M18

	M18 BRAID-0
Battery pack capacity (Ah)	–
No. of batteries supplied	0
Charger supplied	–
No load speed (rpm)	0 - 1500 / 0 - 2250
Impact rate (ipm)	0 - 2400 / 0 - 3400
Tool reception	1/4" Hex
Max. torque (Nm)	41 / 81
Weight with battery pack (kg)	1.8
Supplied in	–
Article Number	4933447891

SHOCKWAVE IMPACT DUTY™ SETS

- Designed for use with Impact Drivers the Shockwave Impact Duty™ accessory line is not only ideal for heavy duty impact applications, but also delivers a full system solution for all the user's drilling and fastening needs.
- Shock Zone Geometry - Designed to Flex.
- Shock Zone reduces stress at the tip resulting in less tip breakages. The combination of the Shock Zone design and special heat treatment absorbs impacts and allows the bit to flex with spring like action.
- Compression forged tip provides the best fit with screw head, reducing cam out and stripping, resulting in outstanding lifetime.
- Custom engineered steel - Milwaukee® custom metal formula makes the Shockwave bits more resistant to shock from impacting.
- Minimum order quantity = 6 pcs. Orders > 6 pcs must be ordered in multiples of 6 (i.e. 6, 12, 18).

a

b

c

	Description	Pack quantity	Article Number
	48 pc Shockwave drill & drive set - Counter display		
a	Shockwave Impact Duty™ 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 PZ1, 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 magnetic bit holder 60 mm length. 4 x Shockwave Impact Duty™ 1/4" Hex drill bits: Ø 3 / 4 / 5 / 6 mm.	48	4932430906
	56 pc Shockwave drive set - Counter display		
b	Shockwave Impact Duty™ 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 magnetic bit holder 60 mm length.	56	4932430907
	40 pc Shockwave drill & drive set - Counter display		
c	Shockwave Impact Duty™ 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. 1 x magnetic bit holder 60 mm length. 1 x magnetic bit holder 152 mm length. 3 x Shockwave Impact Duty™ 1/4" Hex drill bits: Ø 3 / 4 / 5 mm. 2 x Shockwave Impact Duty™ magnetic nut drivers: 48 mm length 1 x Hex 8 mm / 1 x Hex 10 mm.	40	4932430908

SHOCKWAVE IMPACT DUTY™ DRIVE GUIDE CASSETTES

- Slimline pocket design.
- Drive Guide bit holder with extendable sleeve to hold long screws secure. Up to 110 mm total length.
- Front loading screwdriver handle.
- Metal wire stripper for Ø 0.75 / 1.0 / 1.5 / 2.5 mm² .
- Wire loop maker up to 5 mm² .

	Description	Total length (mm)	Pack quantity	Article Number
	Counter display.			
a	1 x PH2, 1 x PZ1 / 2 x PZ2 / 1 x PZ3, 1 x TX20 / 1 x TX25, 1 x SL 0.6 x 4.5 mm / 1 x SL 0.8 x 5.5 mm, 1 x Hex 4 / 1 x Hex 5, 1 x drive guide bit holder 76 mm length.	25	12	4932430909
	Counter display.			
b	1 x PH2, 1 x PZ1 / 2 x PZ2 / 1 x PZ3, 1 x TX15 / 1 x TX20 / 2 x TX25 / 1 x TX30 / 1 x TX40, 1 x drive guide bit holder 76 mm length.	25	12	4932430910
	Counter display.			
c	2 x TX10 / 3 x TX15 / 2 x TX20 / 2 x TX25 / 1 x TX30 / 1 x TX40, 1 x drive guide bit holder 76 mm length.	25	12	4932430911

SHOCKWAVE™ IMPACT HOLESAWS

- 8 TPI = smooth burr free holes.
- Thin wall - 0.6 mm thick = less resistance, up to 40% faster.
- Shallow cup optimised for thin metal.
- 1/4" Hex shank = impact driver compatible.
- Stop shoulder prevents over drilling.
- 8% Cobalt Bi-Metal for best durability and lifetime.
- Ejection spring auto ejects slugs.
- Optimised for use with cordless tools.

Diameter (mm)	Article Number
19	49569805
22	49569810
25	49569815
29	49569820
32	49569825
35	49569830
38	49569835
3 pc Shockwave impact set. Ø 22 / 29 / 35 mm.	49224800
Ejection spring and grub screw.	4932430466
Pilot drill bit with arbor.	4932430477

KNUCKLE™

- Offset attachment for heavy duty impact applications.
- Impact rated. Can be used with both cordless and impact drills.
- Very compact offset attachment.
- Ideally suited to working in confined and limited spaces.
- Solid metal construction to absorb impact action.
- 0° and 30° positions.
- 1/4" Hex shank fits directly into the chuck preventing slippage.
- Suitable for use with 1/4" Hex impact drivers up to 180 Nm torque.
- * Height when 30° tilted 40 mm

	Description	Pack quantity	Article Number
	Knuckle™		
	1 x Knuckle™, 1 x PH1 / 2 x PH2, 1 x PZ1 / 2 x PZ2 / 1 x PZ3, 1 x TX15 / 1 x TX20 / 1 x TX25.	11	4932352938
a	Counter display. 10 x 11 pc set 4932352938.	10	4932352939

M12 BRAID

M12™ SUB COMPACT RIGHT ANGLE IMPACT DRIVER

- Compact right angle impact driver measures 287 mm in length making it ideal for working within confined spaces
- REDLINK™ overload protection electronics delivers best in class system durability
- Full metal gearbox and gears for superior durability and maximum torque of 68 Nm
- Compact head design with diameter of 35.6 mm
- Multi-handle design for multiple hand positions and maximum comfort
- ¼" Hex chuck for quick easy one handed bit change
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- On board fuel gauge and LED light
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies

	M12 BRAID-0
Battery pack capacity (Ah)	–
No. of batteries supplied	0
Charger supplied	–
No load speed (rpm)	0 - 2425
Impact rate (ipm)	0 - 3300
Tool reception	¼" Hex
Max. torque (Nm)	68
Weight with battery pack (kg)	1.2
Supplied in	–
Article Number	4933451247

M12 CIW12

M12 FUEL™ COMPACT ½" IMPACT WRENCH WITH PIN DETENT

- Milwaukee® designed and built brushless POWERSTATE™ motor delivers up to 160 Nm of torque and up to 25% faster application speed
- REDLITHIUM-ION™ battery technology delivers up to 2x more run time, up to 2x more battery life and operates down to -20°C temperature
- The Milwaukee® digital DRIVE CONTROL™ allows the user to shift between two different speed and torque settings to maximise application versatility
- REDLINK PLUS™ intelligence system delivers the most advanced digital overload protection for tool and battery and uniquely enhances the tool performance under load
- Slim, short, light design with no reactionary torque in use to maximise ease of use and user comfort
- State of charge indication with an on-board fuel gauge for optimised energy management
- Efficient and effective LED light work space illumination

	M12 CIW12-0	M12 CIW12-202C
Battery pack capacity (Ah)	–	2.0
No. of batteries supplied	0	2
Charger supplied	–	40 min
No load speed (rpm)	1500/2650	1500/2650
Tool reception	½" square	½" square
Impact rate (ipm)	2650/3500	2650/3500
Max. torque (Nm)	65/160	65/160
Weight with battery pack (kg)	–	1.0
Supplied in	–	Kitbox
Article Number	4933447132	4933447130

M12 CIW14

M12 FUEL™ COMPACT ¼" IMPACT WRENCH WITH FRICTION RING

- Milwaukee® designed and built brushless POWERSTATE™ motor for longer motor life xxxxx
- REDLINK PLUS™ intelligence system delivers the most advanced digital overload protection for tool and battery and uniquely enhances the tool performance under load
- The Milwaukee® DRIVE CONTROL™ allows the user to shift into two different speed and torque settings to maximise application versatility
- Mode 1 for precision work
- Mode 2 delivers maximum performance for the toughest applications
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability

	M12 CIW14-0	M12 CIW14-202C
Battery pack capacity (Ah)	–	2.0
No. of batteries supplied	0	2
Charger supplied	–	40 min
No load speed (rpm)	0-1200 / 0-2650	0-1200 / 0-2650
Tool reception	¼" square	¼" square
Impact rate (ipm)	0-3000 / 0-4000	0-3000 / 0-4000
Max. torque (Nm)	13/56	13/56
Weight with battery pack (kg)	–	1.0
Supplied in	–	Kitbox
Article Number	4933440455	4933440415

M12 CIW38

M12 FUEL™ COMPACT ⅜" IMPACT WRENCH WITH FRICTION RING

- Milwaukee® designed and built brushless POWERSTATE™ motor for up to 2x more motor life and up to 40% more torque
- REDLINK PLUS™ intelligence system delivers the most advanced digital overload protection for tool and battery and uniquely enhances the tool performance under load
- The Milwaukee® DRIVE CONTROL™ allows the user to shift into two different speed and torque settings to maximise application versatility
- Mode 1 for precision work
- Mode 2 delivers maximum performance for the toughest applications
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability

	M12 CIW38-0	M12 CIW38-202C
Battery pack capacity (Ah)	–	2.0
No. of batteries supplied	0	2
Charger supplied	–	40 min
No load speed (rpm)	0 - 1200/ 0 - 2650	1200/2650
Tool reception	⅜" square	⅜" square
Impact rate (ipm)	0-2650 / 0-3500	0-2650 / 0-3500
Max. torque (Nm)	23/158	23/158
Weight with battery pack (kg)	–	1.0
Supplied in	–	Kitbox
Article Number	4933440460	4933440420

M12 BIW12

M12™ SUB COMPACT ½" IMPACT WRENCH

- Milwaukee® high performance sub compact impact wrench measures 171 mm in length making it ideal for working within confined spaces
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- Heavy duty full metal gearbox and gears for superior durability and maximum torque
- ½" square drive with pin detent for use with universal sockets
- Optimised handle for better control and improved grip
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- On board fuel gauge and LED light - added user convenience and illumination in low lit working conditions
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies

	M12 BIW12-0	M12 BIW12-202C
Battery pack capacity (Ah)	–	2.0
No. of batteries supplied	0	2
Charger supplied	–	40 min
No load speed (rpm)	0 - 2550	0 - 2550
Tool reception	½" square	½" square
Impact rate (ipm)	0 - 3400	0 - 3400
Max. torque (Nm)	138	138
Weight with battery pack (kg)	–	1.0
Supplied in	–	Kitbox
Article Number	4933447134	4933447133

M12 BIW14

M12™ SUB COMPACT ¼" IMPACT WRENCH

- Milwaukee® high performance sub compact impact wrench measures 152 mm in length making it ideal for working within confined spaces
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- Heavy duty full metal gearbox and gears for superior durability and maximum torque
- ¼" square drive with friction ring for use with universal sockets
- Optimised handle for better control and improved grip
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- On board fuel gauge and LED light - added user convenience and illumination in low lit working conditions
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies

	M12 BIW14-0
Battery pack capacity (Ah)	–
No. of batteries supplied	0
Charger supplied	–
No load speed (rpm)	0 - 2500
Tool reception	¼" square
Impact rate (ipm)	0 - 3300
Max. torque (Nm)	50
Weight with battery pack (kg)	1.0
Supplied in	–
Article Number	4933441980

M12 BIW38

M12™ SUB COMPACT ⅜" IMPACT WRENCH

- Milwaukee® high performance sub compact impact wrench measures 165 mm in length making it ideal for working within confined spaces
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- Heavy duty full metal gearbox and gears for superior durability and maximum torque
- ⅜" square drive with friction ring for use with universal sockets
- Optimised handle for better control and improved grip
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- On board fuel gauge and LED light - added user convenience and illumination in low lit working conditions
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies

	M12 BIW38-0	M12 BIW38-202C
Battery pack capacity (Ah)	–	2.0
No. of batteries supplied	0	2
Charger supplied	–	40 min
No load speed (rpm)	0 - 2500	0 - 2500
Tool reception	⅜" square	⅜" square
Impact rate (ipm)	0 - 3300	0 - 3300
Max. torque (Nm)	135	135
Weight with battery pack (kg)	–	1.0
Supplied in	–	Kitbox
Article Number	4933441985	4933441990

M12 IR

M12™ SUB COMPACT IMPACT RATCHET

- Best in class power and speed with 47 Nm of torque and a no load speed of 250 rpm
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- Reinforced housing - provides high durability similar to steel ratchets
- Compact design - ideal for tight spaces and small engine bays
- Variable speed metal paddle switch trigger - provides greater user control during application
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- On board fuel gauge and LED light - added user convenience and illumination in low lit working conditions
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies

	M12 IR-201B 1/4	M12 IR-201B 3/8
Battery pack capacity (Ah)	2.0	2.0
No. of batteries supplied	1	1
Charger supplied	40 min	40 min
Tool reception	¼" square	⅜" square
Max. torque (Nm)	40	47
No load speed (rpm)	0 - 250	0 - 250
Length (mm)	274	274
Weight with battery pack (kg)	0.9	0.9
Supplied in	Tool bag	Tool bag
Article Number	4933441725	4933441720

M18 CHIWF34

M18 FUEL™ ¾˝ HIGH TORQUE IMPACT WRENCH WITH FRICTION RING

- The M18 FUEL™ high torque impact wrench delivers pneumatic fastening performance - up to 1016 Nm max. fastening torque and up to 1626 Nm nut-busting torque
- The Milwaukee® DRIVE CONTROL™ allows the user to shift into two different speed and torque settings to maximise application versatility
- Milwaukee® designed and built brushless POWERSTATE™ motor for longer motor life and more power
- REDLINK PLUS™ intelligence system delivers the most advanced digital overload protection for tool and battery and uniquely enhances the tool performance under load
- REDLITHIUM-ION™ battery pack delivers up to 2.5x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability

	M18 CHIWF34-0X	M18 CHIWF34-502X
Battery pack capacity (Ah)	–	5.0
No. of batteries supplied	0	2
Charger supplied	–	59 min
No load speed (rpm)	0 - 1200 / 0 - 1700	0 - 1200 / 0 - 1700
Impact rate (ipm)	0 - 1700 / 0 - 2300	0 - 1700 / 0 - 2300
Tool reception	¾˝ square	¾˝ square
Max. fastening torque (Nm)	508 / 1016	508 / 1016
Nut-busting torque (Nm)	1626	1626
Weight with battery pack (kg)	–	3.3
Supplied in	HD Box	HD Box
Article Number	4933451444	4933448415

M18 CHIWF12

M18 FUEL™ ½˝ HIGH TORQUE IMPACT WRENCH WITH FRICTION RING

- The M18 FUEL™ high torque impact wrench delivers pneumatic fastening performance - up to 950 Nm max. fastening torque and up to 1491 Nm nut-busting torque
- The Milwaukee® DRIVE CONTROL™ allows the user to shift into two different speed and torque settings to maximise application versatility
- Milwaukee® designed and built brushless POWERSTATE™ motor for longer motor life and more power
- REDLINK PLUS™ intelligence system delivers the most advanced digital overload protection for tool and battery and uniquely enhances the tool performance under load
- REDLITHIUM-ION™ battery pack delivers up to 2.5x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability

	M18 CHIWF12-0X	M18 CHIWF12-502X
Battery pack capacity (Ah)	–	5.0
No. of batteries supplied	0	2
Charger supplied	–	59 min
No load speed (rpm)	0 - 425 / 0 - 1700	0 - 425 / 0 - 1700
Impact rate (ipm)	0 - 450 / 0 - 2300	0 - 450 / 0 - 2300
Tool reception	½˝ square	½˝ square
Max. fastening torque (Nm)	135 / 950	135 / 950
Nut-busting torque (Nm)	1491	1491
Weight with battery pack (kg)	–	3.3
Supplied in	HD Box	HD Box
Article Number	4933451443	4933448418

M18 CHIWP12

M18 FUEL™ ½˝ HIGH TORQUE IMPACT WRENCH WITH PIN DETENT

- The M18 FUEL™ high torque impact wrench pneumatic fastening performance - up to 813 Nm max. fastening torque and up to 1354 Nm nut-busting torque
- The Milwaukee® DRIVE CONTROL™ allows the user to shift into two different speed and torque settings to maximise application versatility
- Milwaukee® designed and built brushless POWERSTATE™ motor for longer motor life and more power
- REDLINK PLUS™ intelligence system delivers the most advanced digital overload protection for tool and battery and uniquely enhances the tool performance under load
- REDLITHIUM-ION™ battery pack delivers up to 2.5x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability

	M18 CHIWP12-0X	M18 CHIWP12-502X
Battery pack capacity (Ah)	–	5.0
No. of batteries supplied	0	2
Charger supplied	–	59 min
No load speed (rpm)	0 - 1200 / 0 - 1700	0 - 1200 / 0 - 1700
Impact rate (ipm)	0 - 1700 / 0 - 2300	0 - 1700 / 0 - 2300
Tool reception	½˝ square	½˝ square
Max. fastening torque (Nm)	474 / 813	474 / 813
Nut-busting torque (Nm)	1354	1354
Weight with battery pack (kg)	–	3.2
Supplied in	HD Box	HD Box
Article Number	4933451442	4933451400

M18 FMTIWF12

M18 FUEL™ ½˝ MID TORQUE IMPACT WRENCH WITH FRICTION RING

- The M18 FUEL™ mid torque impact wrench delivers 610 Nm in a compact size of only 170 mm
- The Milwaukee® DRIVE CONTROL™ allows the user to shift into three different speed and torque settings to maximise application versatility
- Milwaukee® designed and built brushless POWERSTATE™ motor for longer motor life and more power
- REDLINK PLUS™ intelligence system delivers the most advanced digital overload protection for tool and battery and uniquely enhances the tool performance under load
- REDLITHIUM-ION™ battery pack delivers up to 2.5x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- ½˝ square friction ring

	M18 FMTIWF12-0X	M18 FMTIWF12-502X
Battery pack capacity (Ah)	–	5.0
No. of batteries supplied	0	2
Charger supplied	–	59 min
No load speed (rpm)	510/2100/2400	510/2100/2400
Impact rate (ipm)	420/2700/3000	420/2700/3000
Tool reception	½˝ square	½˝ square
Max. torque (Nm)	130/550/610	130/550/610
Max. bolt diameter	M20	M20
Weight with battery pack (kg)	–	2.4
Supplied in	HD Box	HD Box
Article Number	4933459189	4933459185

M18 FMTIWP12

M18 FUEL™ ½˝ MID TORQUE IMPACT WRENCH WITH PIN DETENT

- The M18 FUEL™ mid torque impact wrench delivers 610 Nm in a compact size of only 170 mm
- The Milwaukee® DRIVE CONTROL™ allows the user to shift into three different speed and torque settings to maximise application versatility
- Milwaukee® designed and built brushless POWERSTATE™ motor for longer motor life and more power
- REDLINK PLUS™ intelligence system delivers the most advanced digital overload protection for tool and battery and uniquely enhances the tool performance under load
- REDLITHIUM-ION™ battery pack delivers up to 2.5x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- ½˝ square detent pin

	M18 FMTIWP12-0X	M18 FMTIWP12-502X
Battery pack capacity (Ah)	–	5.0
No. of batteries supplied	0	2
Charger supplied	–	59 min
No load speed (rpm)	1700/2100/2400	1700/2100/2400
Impact rate (ipm)	2300/2700/3000	2300/2700/3000
Tool reception	½˝ square	½˝ square
Max. torque (Nm)	430/550/610	430/550/610
Max. bolt diameter	M20	M20
Weight with battery pack (kg)	–	2.4
Supplied in	HD Box	HD Box
Article Number	4933459188	4933459183

M18 ONEIWF12

ONE-KEY™ FUEL™ ½˝ IMPACT WRENCH WITH FRICTION RING

- M18 FIW but with ONE-KEY™ technology
- Connect via Bluetooth® with the Milwaukee® ONE-KEY™ app
- Complete tool customisation via ONE-KEY™ app to tune the tool to your needs
- Control speed, torque, start and end speeds and LED
- Configure to any application choosing optimum tool settings for repeatable precision
- Program/save profiles for unmatched control
- Select from a range of application profiles or quickly create your own for perfect results on every trigger pull
- Save up to 4 custom settings to the tools memory for fast selection on the jobsite
- ONE-KEY™ app also provides inventory function for total management of your complete tool/equipment fleet

	M18 ONEIWF12-0X	M18 ONEIWF12-502X
Battery pack capacity (Ah)	–	5.0
No. of batteries supplied	0	2
Charger supplied	–	59 min
No load speed (rpm)	900/1400/1900/2500	900/1400/1900/2500
Impact rate (ipm)	1300/2100/2550/3200	1300/2100/2550/3200
Tool reception	½˝ square	½˝ square
Max. fastening torque (Nm)	300	300
Max. torque (Nm)	40/120/220/300	40/120/220/300
Weight with battery pack (kg)	–	1.8
Supplied in	HD Box	HD Box
Article Number	4933459198	4933451374

RUBBER SLEEVES FOR IMPACT WRENCHES

- Form-fitting, lightweight design protects the tool and work surface while adding minimal size or weight to the tool.
- Flexible material allows for easy install and removal.
- Durable proprietary rubber designed to withstand corrosive materials commonly found in maintenance environments.
- Not for use on or near live electrical circuits.
- Use on any other product than adviced may result in damage to tool motor and may void tool warranty.

Description	Article Number
Rubber Sleeve for M18 CIW	49162754
Rubber Sleeve for M18 CHIW & M28 CHIW	49162763

M18 ONEIWP12

ONE-KEY™ FUEL™ ½˝ IMPACT WRENCH WITH PIN DETENT

- M18 FIW but with ONE-KEY™ technology
- Connect via Bluetooth® with the Milwaukee® ONE-KEY™ app
- Complete tool customisation via ONE-KEY™ app to tune the tool to your needs
- Control speed, torque, start and end speeds and LED
- Configure to any application choosing optimum tool settings for repeatable precision
- Program/save profiles for unmatched control
- Select from a range of application profiles or quickly create your own for perfect results on every trigger pull
- Save up to 4 custom settings to the tools memory for fast selection on the jobsite
- ONE-KEY™ app also provides inventory function for total management of your complete tool/equipment fleet

	M18 ONEIWP12-0X	M18 ONEIWP12-502X
Battery pack capacity (Ah)	–	5.0
No. of batteries supplied	0	2
Charger supplied	–	59 min
No load speed (rpm)	900/1400/1900/2500	900/1400/1900/2500
Impact rate (ipm)	1300/2100/2550/3200	1300/2100/2550/3200
Tool reception	½˝ square	½˝ square
Max. fastening torque (Nm)	300	300
Max. torque (Nm)	40/120/220/300	40/120/220/300
Weight with battery pack (kg)	–	1.8
Supplied in	HD Box	HD Box
Article Number	4933459197	4933451372

M18 FIWF12

M18 FUEL™ ½˝ IMPACT WRENCH WITH FRICTION RING

- Milwaukee® designed and built brushless POWERSTATE™ motor for longer motor life and up to 20% more power
- REDLINK PLUS™ intelligence system delivers the most advanced digital overload protection for tool and battery and uniquely enhances the tool performance under load
- The Milwaukee® DRIVE CONTROL™ allows the user to shift into four different speed and torque settings to maximise application versatility
- Mode 1 for precision work
- Mode 2 helps prevent damage to fasteners and material
- Mode 3 delivers maximum performance for the toughest applications
- Mode 4 intelligently detects when the tool has impacted on a fastener for one second automatically shutting the tool down, reducing overdriving and damaging materials

	M18 FIWF12-0X	M18 FIWF12-502X
Battery pack capacity (Ah)	–	5.0
No. of batteries supplied	0	2
Charger supplied	–	59 min
No load speed (rpm)	1700/2000/2500/2000	1700/2000/2500/2000
Impact rate (ipm)	2400/2600/3100/2600	2400/2600/3100/2600
Tool reception	½˝ square	½˝ square
Max. fastening torque (Nm)	300	300
Max. torque (Nm)	40/120/300/120	40/120/300/120
Weight with battery pack (kg)	–	1.8
Supplied in	HD Box	HD Box
Article Number	4933451448	4933451071

M18 FIWP12

M18 FUEL™ ½˝ IMPACT WRENCH WITH PIN DETENT

- Milwaukee® designed and built brushless POWERSTATE™ motor for longer motor life and up to 20% more power
- REDLINK PLUS™ intelligence system delivers the most advanced digital overload protection for tool and battery and uniquely enhances the tool performance under load
- The Milwaukee® DRIVE CONTROL™ allows the user to shift into four different speed and torque settings to maximise application versatility
- Mode 1 for precision work
- Mode 2 helps prevent damage to fasteners and material
- Mode 3 delivers maximum performance for the toughest applications
- Mode 4 intelligently detects when the tool has impacted on a fastener for one second automatically shutting the tool down, reducing overdriving and damaging materials

	M18 FIWP12-0X	M18 FIWP12-502X
Battery pack capacity (Ah)	–	5.0
No. of batteries supplied	0	2
Charger supplied	–	59 min
No load speed (rpm)	1700/2000/2500/2000	1700/2000/2500/2000
Impact rate (ipm)	2400/2600/3100/2600	2400/2600/3100/2600
Tool reception	½˝ square	½˝ square
Max. fastening torque (Nm)	300	300
Max. torque (Nm)	40/120/300/120	40/120/300/120
Weight with battery pack (kg)	–	1.8
Supplied in	HD Box	HD Box
Article Number	4933451449	4933451068

M18 BIW12

M18™ COMPACT ½˝ IMPACT WRENCH

- Compact ½˝ impact wrench measures 155 mm in length making it ideal for working within confined spaces
- Milwaukee® high performance 4-pole motor delivers maximum power whilst maximising the power to weight ratio
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- Heavy duty full metal gearbox and gears for superior durability and maximum torque
- ½˝ square drive for use with universal sockets
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- On board fuel gauge and LED light
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies

	M18 BIW12-0	M18 BIW12-402C
Battery pack capacity (Ah)	–	4.0
No. of batteries supplied	0	2
Charger supplied	–	80 min
No load speed (rpm)	0 - 2450	0 - 2450
Tool reception	½˝ square	½˝ square
Impact rate (ipm)	0 - 3350	0 - 3350
Max. torque (Nm)	240	240
Weight with battery pack (kg)	–	1.9
Supplied in	–	Kitbox
Article Number	4933443590	4933443607

M18 BIW38

M18™ COMPACT ⅜˝ IMPACT WRENCH

- Compact ⅜˝ impact wrench measures 152 mm in length making it ideal for working within confined spaces
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- Heavy duty full metal gearbox and gears for superior durability and maximum torque
- ⅜˝ square drive for use with universal sockets
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- On board fuel gauge and LED light
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Flexible battery system: works with all Milwaukee® M18™ batteries

	M18 BIW38-0
Battery pack capacity (Ah)	–
No. of batteries supplied	0
Charger supplied	–
No load speed (rpm)	0 - 2450
Tool reception	⅜˝ square
Impact rate (ipm)	0 - 3350
Max. torque (Nm)	210
Weight with battery pack (kg)	–
Supplied in	–
Article Number	4933443600

M18 BRAIW

M18™ COMPACT RIGHT ANGLE IMPACT WRENCH

- Compact right angle impact wrench measures 307 mm in length making it ideal for working within confined spaces
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- Full metal gearbox and gears for superior durability and maximum torque
- Compact 53 mm head design
- Multi-handle design for multiple hand positions and maximum comfort
- ⅜˝ square drive for use with universal sockets
- 2 speed settings for wider range of applications
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- On board fuel gauge and LED light

	M18 BRAIW-0
Battery pack capacity (Ah)	–
No. of batteries supplied	0
Charger supplied	–
No load speed (rpm)	0 - 1500 / 0 - 2250
Tool reception	⅜˝ square
Impact rate (ipm)	0 - 2400 / 0 - 3400
Max. torque (Nm)	40 / 76
Weight with battery pack (kg)	1.8
Supplied in	–
Article Number	4933447899

MAGNETIC BIT HOLDER

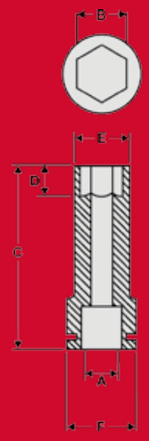
SHOCKWAVE IMPACT DUTY™

- Custom engineered steel and heat treatment for maximum strength and flexibility.
- Solid construction withstands abuse in impact applications.
- Strong magnetic tip for secure grip.

Description	Total length (mm) A	Article Number
a Magnetic bit holder with ¼˝ Hex reception (DIN 3126 - E 6.3).	60	4932352406
b 100 pcs bulk box. Orders are only possible in multiples of 100 pcs (i.e. 200, 300...). Minimum order quantity is 100 pcs.	60	4932430478
c Magnetic bit holders- long series 152 mm with ¼˝ Hex reception (DIN 3126 - E 6.3).	152	48324511
d Magnetic bit holders- long series 305 mm with ¼˝ Hex reception (DIN 3126 - E 6.3).	305	48324512

½″ SOCKETS

- Impact duty (Chrome-Molybdenum) steel is high quality alloy steel which provides ultimate strength and durability.
- Best fitting thanks to 6 gripping points.
- Recessed corners allow torque to be transferred across the flats of the socket rather than producing stress on the points or corners.
- Thin wall construction provides access to tight spaces.
- Deep wall construction provides clearance for protruding bolts.
- Laser etched size markings for easy identification and won't wear off.

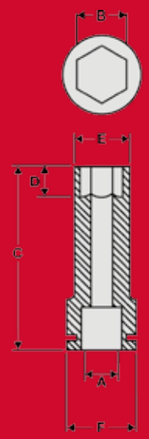


A (MM)	B (MM)	C (MM)	D (MM)	E (MM)	F (MM)	Article Number
½″ square	8	78	12	15	21.8	4932352847
½″ square	10	78	12	17	21.8	4932352848
½″ square	11	78	12	18	21.8	4932352849
½″ square	12	78	12	19	21.8	4932352850
½″ square	13	78	12	20	23.8	4932352851
½″ square	14	78	15	22	23.8	4932352852
½″ square	16	78	15	23.8	23.8	4932352853
½″ square	17	78	18	25.8	25.8	4932352854
½″ square	19	78	21	27.8	27.8	4932352855
½″ square	21	78	24	29.8	29.8	4932352856
½″ square	24	78	24	33.8	33.8	4932352857
½″ square	27	78	24	37.8	37.8	4932352858
½″ square	30	78	24	41.8	38	4932352859
½″ square	32	78	24	43.8	38	4932352860

a	10 piece Shockwave Impact Duty™ ½″ socket set. Contents: 8 / 10 / 11 / 12 / 13 / 14 / 16 / 17 / 19 / 21 mm.	4932352861

¼″ SOCKETS

- Impact duty (Chrome-Molybdenum) steel is high quality alloy steel which provides ultimate strength and durability.
- Best fitting thanks to 6 gripping points.
- Recessed corners allow torque to be transferred across the flats of the socket rather than producing stress on the points or corners.
- Thin wall construction provides access to tight spaces.
- Deep wall construction provides clearance for protruding bolts.
- Laser etched size markings for easy identification and won't wear off.



	Description	Article Number
a	20 pc Shockwave Impact Duty™ ¼″ socket set 12 x ¼″ sockets: 4 / 4.5 / 5 / 5.5 / 6 / 7 / 8 / 9 / 10 / 11 / 12 / 13 mm. 50 mm total length. 6 x screwdriving bits 25 mm in length: PH 2, PZ 2, TX 15, TX 20, TX 25, TX 30. 1 x socket adaptor ¼″ Hex > ¼″ square drive. 1 x bit adaptor ¼″ square (F) > ¼″ Hex. Magnetic bit holder for screwdriving bits.	4932352862

A	B (MM)	C (MM)	D (MM)	E (MM)	F (MM)
¼″	4	50	3	7.7	12.8
¼″	4.5	50	3.5	8	12.8
¼″	5	50	4	8.8	12.8
¼″	5.5	50	4.5	9.5	12.8
¼″	6	50	6	9.8	12.8
¼″	7	50	6	11.4	12.8
¼″	8	50	7.5	12.5	12.8
¼″	9	50	7.5	13.8	13.8
¼″	10	50	9	14.3	14.3
¼″	11	50	11	16.8	16.8
¼″	12	50	12	17.8	17.8
¼″	13	50	12	18.8	18.8

MAGNETIC NUT DRIVERS

- Custom engineered steel and heat treatment for maximum strength and extreme durability.
- Strong magnetic tip for secure grip.
- Reception: ¼″ Hex (DIN 3126 - E 6.3). Very suitable for high torque and impact applications.

Size AF (across flats) (mm)	For anchor rod thread size	Total length (mm) A	Article Number
5.5	M3	65	4932352536
6.0	M3.5	65	4932352537
¼″	-	65	4932352538
7.0	M4	65	4932352539
5/16″	-	65	4932352540
8.0	M5	65	4932352541
⅜″	-	65	4932352542
10.0	M6	65	4932352543
12.0	M7	65	4932352544
13.0	M8	65	4932352545
17.0	M10	65	4932352546

a	5 piece Shockwave Impact Duty™ nut driver set. Ø 7 / 8 / 10 / 12 / 13 mm.	4932352822

SOCKET AND BIT ADAPTORS

- Proprietary steel and heat treat process for maximum strength and durability
- Heavy duty construction for fastening capabilities in all impacts

	Description	Total length (mm)	Article Number
a	Socket adaptor: ¼″ Hex - ¼″ square drive. DIN 3126 - E 6.3.	50	48325030
b	Socket adaptor: ¼″ Hex - ½″ square drive. DIN 3126 - E 6.3.	50	48325032
c	Bit adaptor: ½″ square drive - ¼″ F. To accept screwdriving bits.	50	48034410

AUTOMOTIVE SOCKET SET

SHOCKWAVE IMPACT DUTY™

- Colour coded for easy identification.
- Made from high quality alloy steel for strength and durability.
- Set includes 17 mm, 19 mm and 21 mm.

Description	Article Number
Automotive socket set. 17, 19 and 21 mm ½″ sockets.	4932451568

POLISHING

M12 BPS

M12™ SUB COMPACT POLISHER/SANDER

- Variable two speed selection (0-2800 / 0-8300 RPM) for both polishing and sanding applications
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- Large capacity of 76 mm polishing sponge and 50 mm sanding pad size for fast job completion
- Long run time allows frequent task completion with one battery charge
- Compact design with only 130 mm allows access to hard areas
- Spindle lock allows fast, tool free accessory change
- Detachable 2 position side handle
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies

	M12 BPS-0	M12 BPS-421X
Battery pack capacity (Ah)	–	1 x 2.0 & 1 x 4.0
No. of batteries supplied	0	2
Charger supplied	–	40 min
No load speed gear 1 (rpm)	0 - 2800	0 - 2800
No load speed gear 2 (rpm)	0 - 8300	0 - 8300
Disc diameter (mm)	76	76
Spindle size	M9 x 0.75	M9 x 0.75
Weight with battery pack (kg)	–	1.0
Supplied in	–	HD Box
Article Number	4933447791	4933447799

M18 FAP

M18 FUEL™ POLISHER

- Milwaukee® designed and built brushless POWERSTATE™ motor to deliver the ultimate mobility in car polishing
- REDLINK PLUS™ intelligence system delivers the most advanced digital overload protection for tool and battery and uniquely enhances the tool performance under load
- REDLITHIUM-ION™ battery pack delivers up to 2.5x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- World´s first cordless polisher with 8 position variable speed selection ranging from 360 - 2200 RPM
- Unmatched run time to polish one full size car per battery charge*
- Constant speed electronics with soft start for smooth start up
- Maximum polishing accessory diameter of 180 mm
- Removable dust screen to prevent debris ingress, prolonging motor life

	M18 FAP180-0	M18 FAP180-502X
Battery pack capacity (Ah)	–	5.0
No. of batteries supplied	0	2
Charger supplied	–	59 min
No load speed (rpm)	360 - 2200	360 - 2200
Disc diameter (mm)	180	180
Spindle size	M 14	M 14
Weight with battery pack (kg)	–	2.2
Variable speed	Yes	Yes
Line lock out function	Yes	Yes
Soft start function	Yes	Yes
Supplied in	–	HD Box
Article Number	4933451549	4933451550

AP 14-2 200 E

1450 W POLISHER

- Powerful 1450 watt motor for high performance polishing
- Premium high torque gear maintains speed under load
- Variable speed selection from 490 - 2100 RPM for all applications
- 7 speed settings for accurate speed selection
- Thermal overload protection to prevent overheating
- Unique "finger grip" for comfortable working position, especially when working with the tool vertically
- Protected spindle lock button ensures against accidental use
- Lock-on function
- Flexible and soft hook and loop backing pad avoids scratches on paint work
- 6 m long PUR cord to prevent marks on the paint work and allows the user to work easily around the complete car

	AP 14-2 200 E	AP 14-2 200 E SET
Power input (W)	1450	1450
No load speed (rpm)	490 - 2100	490 - 2100
Disc diameter (mm)	200	200
Spindle size	M 14	M 14
Standard equipment	Side handle, flexible backing pad	Side handle, flexible backing pad, soft & hard polishing sponge, lambswool pad, sanding & finishing compound, cloth
Weight (kg)	2.3	2.3
Variable speed	Yes	Yes
Line lock out function	Yes	Yes
Soft start function	Yes	Yes
Supplied in	–	HD Box
Article Number	4933432800	4933432795

AP 12 E

1200 W POLISHER WITH ELECTRONIC VARIABLE SPEED

- 1200 watt motor
- Ergonomic design for long work shifts
- Special gear for high spindle torque and ideal polishing speed
- Variable speed selection for ideal speed
- Thermal overload protection
- No load speed limitation
- 6 m cable

	AP 12 E
Power input (W)	1200
No load speed (rpm)	900 - 2500
Disc diameter (mm)	150
Spindle size	M 14
Weight (kg)	2.2
Variable speed	Yes
Line lock out function	Yes
Supplied in	–
Article Number	4933383925

POLISHING ACCESSORIES - SPOT POLISHER

a

b

c

d

e

	Description	Diameter (mm)	Height (mm)	Article Number
a	Polishing / Sanding backing pad. Thread: M9 x 0.75. Hook and loop fixation. For use with polishing sponges and abrasive paper.	76		4932430488
b	Polishing sponge - Hard (yellow). Hard sponge for use with more aggressive polish for removal of deep scratches. Hook and look fixation. For use with polishing / sanding backing pad.	75	25	4932430489
c	Polishing sponge - Soft (white). Soft sponge for use with light polish for removal of small scratches. Hook and loop fixation. For use with polishing / sanding backing pad.	80	25	4932430490
d	Lambswool polishing pad. Hook and loop fixation. For use with polishing / sanding backing pad.	80		4932430838
e	Fibre disc backing pad. Thread: M9 x 0.75 to affix to tool. Knurled thread to fix coated abrasives and surface finishing products for coarse sanding applications, such as rust removal. Ideal for sanding small or awkward to reach areas such as pinch welds, door shuts and wheel arches.	46		4932430492

PREMIUM POLISHING ACCESSORIES - HOOK & LOOP Ø 125 MM

a

b

c

d

e

f

g

	Description	Diameter (mm)	Height (mm)	Article Number
a	Polishing backing pad with M14 thread. Very flat design with excellent flexibility. Low vibration allows precise work on any flat and curved profiles.	125		4932430394
b	Lambswool polishing disc. 100% natural lambswool. Premium quality with extremely high fibre density for longer lifetime. Integrated soft touch layer guarantees perfect adjustment to flat and curved profiles. For finishing old and fresh paint. Extremely good polishing of temperature sensitive clear lacquers thanks to heat resistant fibres, e.g. polishing car bumper.	135	25	4932430395
c	Polishing sponge hard. Hard sponge with coarse foam structure. For maximum removal of the recondition-ing lacquer, removing deep scratches and polishing weather-beaten lacquer.	145	30	4932430396
d	Polishing sponge soft. Extremely soft sponge with fine foam structure. For fine polishing with polishing creams / wax compounds to remove very fine scratches and holograms (swirls).	145	30	4932430397
e	Microfibre polishing cloth. Super-soft premium microfibre polishing cloth for finishing gloss polishing. With good absorption properties perfectly suited for final finishing and removing water spots from sensitive surfaces. Machine-washable with 30° without softener.	400 x 400		4932430398
f	Polish M-Cut 1500 (250 ml). A coarse 1500 grit polish for removing deep scratches without damaging the lacquer. Suitable for removing dust grains, orange peel texture, lacquer/paints runs and deep scratches. Free of wax, silicone and roxic solvents. Recommended for use with polishing sponge hard (4932430396) and lambswool polishing disc (4932430395).			4932430475
g	Polish M-Wax 6000 (250 ml). Premium high-tech wax with 6000 grit for removing fine scratches and sealing the paintwork in one step. Excellent performance in removing fine scratches / holograms / swirls. Contains the finest Brazilian Carnuba wax for long lasting mirror-like shine. Free of silicone. Recommended for use with polishing sponge soft (4932430397) and microfibre polishing cloth (4932430398).			4932430476

POLISHING ACCESSORIES - HOOK & LOOP Ø 125 / 150 MM

a

b

c

d

e

f

	Description	Diameter (mm)	Height (mm)	Article Number
a	Polishing backing pad. Application: Reception of felt / lambswool polishing discs and sponges. Characteristics: M14 thread, break resistant with integrated soft and flexible foam layer, Hook & Loop fixation.	150	25	4932373161
b	Felt polishing disc. Application: second polishing / finish of new lacquer work (spray mist and inclusion of dust), non ferrous metals and stainless steel, can also be used with polishing paste. Requires polishing backing.	150	50	4932373163
c	Lambswool polishing disc. Finishing high gloss polishing.	150	25	4932373164
d	Polishing sponge hard. Polish up of weather-beaten lacquer, lacquer re-conditioning.	150	50	4932373165
e	Polishing sponge soft. Second polish of lacquer, lacquer care.	125	50	4932373184*
		150	50	4932373186
f	Polishing sponge, super-soft, profiled. Polish up of lacquer, lacquer reconditioning, polishing of acrylic glass.	125	25	4932373185*

CUTTING & REMOVAL

M18 CAG125XPDB

M18 FUEL™ 125 MM BRAKING GRINDER

- Milwaukee® designed and built brushless POWERSTATE™ motor with the power to grind and up to 10x more tool life
- REDLINK PLUS™ intelligence system delivers the most advanced digital overload protection for tool and battery and uniquely enhances the tool performance under load
- REDLITHIUM-ION™ battery pack delivers up to 2.5x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- RAPIDSTOP™ for fastest disc brake in less than 2 seconds and best user protection
- Non-lockable safety paddle switch with line-lock-out function to prevent automatic start up
- Premium gearing system - same system as used at high performance corded grinders
- Slimmest handle design available on market with paddle switch

	M18 CAG125X-PDB-0X	M18 CAG125X-PDB-502X	M18 CAG125X-PDB-902X
Battery pack capacity (Ah)	–	5.0	9.0
No. of batteries supplied	0	2	2
Charger supplied	–	59 min	95 min
No load speed (rpm)	8500	8500	8500
Disc diameter (mm)	125	125	125
Max. cutting depth (mm)	33	33	33
Spindle size	M 14	M 14	M 14
Weight with battery pack (kg)	–	2.7	3.0
Switch type	Paddle switch	Paddle switch	Paddle switch
Braking time (s)	< 2	< 2	< 2
FIXTEC flange nut	Yes	Yes	Yes
Line lock out function	Yes	Yes	Yes
Supplied in	HD Box	HD Box	HD Box
Article Number	4933451427	4933451544	4933451471

M18 CAG125X

M18 FUEL™ 125 MM ANGLE GRINDER

- Milwaukee® designed and built brushless POWERSTATE™ motor with the power to grind and up to 10x more motor life
- REDLINK PLUS™ intelligence system delivers the most advanced digital overload protection for tool and battery and uniquely enhances the tool performance under load
- REDLITHIUM-ION™ battery pack delivers up to 2.5x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Premium gearing system - same system as used at high performance corded grinders
- 125 mm keyless guard - great cutting capacity and fast guard adjustment without using a spanner
- 100% tool-free wheel change thanks to integrated FIXTEC system
- Slimmest handle design available on market

	M18 CAG125X-0X	M18 CAG125X-502X
Battery pack capacity (Ah)	–	5.0
No. of batteries supplied	0	2
Charger supplied	–	59 min
No load speed (rpm)	8500	8500
Disc diameter (mm)	125	125
Max. cutting depth (mm)	33	33
Spindle size	M 14	M 14
Weight with battery pack (kg)	–	2.5
Switch type	Slide switch	Slide switch
FIXTEC	Yes	Yes
Line lock out function	Yes	Yes
Supplied in	HD Box	HD Box
Article Number	4933451439	4933448866

HD18 AG-125

M18™ HEAVY DUTY 125 MM ANGLE GRINDER

- Milwaukee®'s high performance 4-pole motor delivers maximum power whilst (optimising) maximising the power to weight ratio
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- Full metal gear case delivers heavy duty durability
- Reduced height of gear box and slim girth design deliver optimum ergonomics
- Non-lockable switch for best user protection and preventing automatic start up
- Burst resistant and tool-free safety guard for best user protection and fast adjustment
- Multi position side handle for ease of use
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- Fuel gauge displays remaining charge

	HD18 AG-125-0	HD18 AG-125-402C
Battery pack capacity (Ah)	–	4.0
No. of batteries supplied	0	2
Charger supplied	–	80 min
No load speed (rpm)	9000	9000
Disc diameter (mm)	125	125
Max. cutting depth (mm)	33	33
Spindle size	M 14	M 14
Weight with battery pack (kg)	–	2.2
FIXTEC	No	No
Line lock out function	No	No
Supplied in	–	Kitbox
Article Number	4933441502	4933441507

AG 10

1000 W ANGLE GRINDER

- Powerful, 1000 W motor for strong performance in all applications
- Extreme compact design with an overall short length of 276 mm and 2.1 kg for most comfortable handling
- Burst resistant and tool-free quick release safety guard for fast adjustment
- Ramped slide switch - easy actuating switch, even when wearing gloves
- 4 m rubber cable

	AG 10-115	AG 10-125
Power input (W)	1000	1000
No load speed (rpm)	11,000	11,000
Disc diameter (mm)	115	125
Max. cutting depth (mm)	28	33
Spindle size	M 14	M 14
Weight (kg)	2.1	2.1
FIXTEC flange nut	No	No
Supplied in	–	–
Article Number	4933440310	4933440330

AG 10 EK

1000 W ANGLE GRINDER

- Powerful, 1000 W motor for strong performance in all applications
- Extreme compact design with an overall short length of 276 mm and 2.1 kg for most comfortable handling
- Line lock out function to prevent automatic start up after power breakdown
- Soft start for smooth start up
- Burst resistant and tool-free quick release safety guard for fast adjustment
- Ramped slide switch for easy start up, even when wearing gloves
- 4 m cable

	AG 10-115 EK	AG 10-125 EK
Power input (W)	1000	1000
No load speed (rpm)	11,000	11,000
Disc diameter (mm)	115	125
Max. cutting depth (mm)	28	33
Spindle size	M 14	M 14
Weight (kg)	2.1	2.1
FIXTEC flange nut	No	No
Line lock out function	Yes	Yes
Supplied in	–	–
Article Number	4933451219	4933451220

AG 9

850 W ANGLE GRINDER

- Powerful, 850 W "PROTECTOR-MOTOR" with epoxy resin coated field and Heavy Duty winding protection for increased life time of tool
- Light weight, slim and compact: a versatile all-purpose angle grinder
- New digital electronic pack offers constant speed, soft start, motor overload protection and no-load speed limitation
- Flat metal gear head for excellent visibility of work piece and optimised cutting depth
- Die-cast magnesium alloy gear case
- Dust protected bearings and switch
- Effective cooling fan keeps the motor cool even under heavy duty conditions
- FIXTEC nut for fast and easy disc change
- Burst resistant quick release safety guard for easy adjustment
- Automatic cut-off carbon brushes
- 4 m rubber cable

	AG 9-125 XC	AG 9-125 XE
Power input (W)	850	850
No load speed (rpm)	10,000	2700 - 10,000
Disc diameter (mm)	125	125
Max. cutting depth (mm)	33	33
Spindle size	M 14	M 14
Weight (kg)	1.8	1.8
Variable speed	No	Yes
FIXTEC flange nut	Yes	Yes
Line lock out function	Yes	Yes
Supplied in	–	–
Article Number	4933403200	4933403206

AG 800 E

800 W ANGLE GRINDER

- Powerful 800 Watt motor for various applications with only 2.0 kg of weight for comfortable use during longer working periods
- Very compact and slim body grip design with only 194 mm for most comfortable handling
- Line lock out function to prevent automatic start up after power breakdown
- Soft start for smooth start up
- Durable steel gears for long life time
- Protected air inlets for improved cooling
- Flat metal gear head for excellent visibility of workpiece, optimised cutting depth and work in restricted areas

	AG 800-115 E	AG 800-125 E	AG 800-115 E D-SET
Power input (W)	800	800	800
No load speed (rpm)	11,500	11,500	11,500
Disc diameter (mm)	115	125	115
Max. cutting depth (mm)	28	33	28
Spindle size	M 14	M 14	M 14
Weight (kg)	2.0	2.0	2.0
FIXTEC flange nut	No	No	No
Line lock out function	Yes	Yes	Yes
Supplied in	–	–	Kitbox
Article Number	4933451210	4933451211	4933451281

AG 800 EK

800 W ANGLE GRINDER

- Powerful 800 Watt motor for various applications with only 2.0 kg of weight for comfortable use during longer working periods
- Very compact and slim body grip design with only 194 mm for most comfortable handling
- Line lock out function to prevent automatic start up after power breakdown
- Soft start for smooth start up
- Durable steel gears for long life time
- Protected air inlets for improved cooling
- Flat metal gear head for excellent visibility of workpiece, optimised cutting depth and work in restricted areas
- Burst resistant and tool-free quick release safety guard for fast adjustment
- 4 m cable

	AG 800-115 EK	AG 800-125 EK
Power input (W)	800	800
No load speed (rpm)	11,500	11,500
Disc diameter (mm)	115	125
Max. cutting depth (mm)	28	33
Spindle size	M 14	M 14
Weight (kg)	2.0	2.0
FIXTEC flange nut	No	No
Line lock out function	Yes	Yes
Supplied in	–	–
Article Number	4933451212	4933451213

THIN METAL CUTTING DISCS PRO+

- Applications: Iron and sulphur free top line thin cut-off wheels for all steels. Best suitable for stainless and acid-resistant steel, hardox, heat-resistant cast steel, spring steel, mild and tool steel.
- Characteristics: +20% more life, 50% less cutting time, 50% less dust. Lower material loss.
- *Orders are only possible in master carton (with 50 x 4932430445). Minimum order quantity is 50 x 4932430445 (=1 master carton). Order quantities greater than 50 pcs are to be ordered in multiples of 50 pcs (ie. 100, 150, 200...).

	Type	Disc diameter (mm)	Thickness (mm)	Bore size (mm)	Pack quantity	Article Number
41	SCS 41 / 115	115	1	22.2	1	4932451484
	SCS 41 / 115	115	1.5	22.2	1	4932451486
	SCS 41 / 125	125	1	22.2	1	4932451487
	SCS 41 / 180	180	1.5	22.2	1	4932451489
	SCS 41 / 230	230	1.9	22.2	1	4932451490

METAL CUTTING DISCS PRO+

- Applications: Great performance in cutting mild steel with medium strength, plain alloy tool steel, concrete reinforcing iron and steel rebar.
- Characteristics: Efficient cutting properties in combination with high performance.

	Type	Disc diameter (mm)	Thickness (mm)	Bore size (mm)	Pack quantity	Article Number
41	SC 41 / 115	115	3	22.2	1	4932451491
	SC 41 / 125	125	3	22.2	1	4932451492
	SC 41 / 180	180	3	22.2	1	4932451493
	SC 41 / 230	230	3	22.2	1	4932451494
42	SC 42 / 115	115	3	22.2	1	4932451495
	SC 42 / 125	125	3	22.2	1	4932451496
	SC 42 / 180	180	3	22.2	1	4932451497
	SC 42 / 230	230	3	22.2	1	4932451498

METAL GRINDING DISCS PRO+

- Applications: Sound performance in mild steel and non alloy tool steel.
- Characteristics: Provides good lifetime and efficient grinding characteristics.

	Type	Disc diameter (mm)	Thickness (mm)	Bore size (mm)	Pack quantity	Article Number
27	SG 27 / 115	115	6	22.2	1	4932451501
	SG 27 / 125	125	6	22.2	1	4932451502
	SG 27 / 180	180	6	22.2	1	4932451503
	SG 27 / 230	230	6	22.2	1	4932451504

THIN METAL CUTTING DISCS CONTRACTOR SERIES

- Applications: Iron and sulphur free thin cut-off wheels for steel.
- Suitable for acid-resistant steel, hardox, high-alloy steel, mild and tool steel. Not suitable for stainless steel.

	Type	Diameter (mm)	Thickness (mm)	Bore size (mm)	Pack quantity	Article Number
41	SCS 41 / 115	115	1	22.2	1	4932451474
	SCS 41 / 115	115	1.5	22.2	1	4932451476
	SCS 41 / 125	125	1	22.2	1	4932451477
	SCS 41 / 125	125	1.5	22.2	1	4932451479
	SCS 41 / 230	230	1.9	22.2	1	4932451480

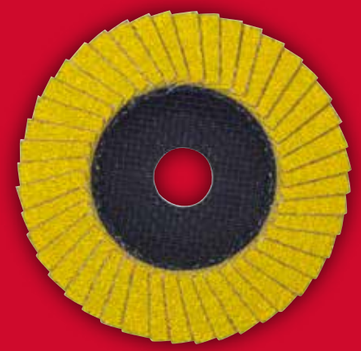
METAL GRINDING DISCS CONTRACTOR SERIES

- Applications: suitable for mild steel. Not suitable for stainless steel.

	Type	Diameter (mm)	Thickness (mm)	Bore size (mm)	Pack quantity	Article Number
27	SG 27 / 115	115	6	22.2	1	4932451481
	SG 27 / 125	125	6	22.2	1	4932451482
	SG 27 / 230	230	6	22.2	1	4932451483

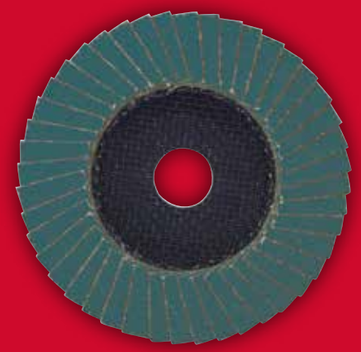
FLAP DISCS

CERA TURBO™



- Maximum productivity with CERA TURBO™ 50% faster material removal 2x longer lifetime.
- Ceramic hybrid disc: grinds steel, stainless steel, bronze, titanium, aluminium.
- Ceramic grain: grinds and finishes in one step! Material removal like grit 40, finishing result like grit 60!
- Self trimming backing pad: allows grinding to the last grain!
- Natural fibre backing pad: low vibration & noise, no harmful dust.
- Highly flexible: perfectly adjusts to working piece.
- Low heat development: no metal discolouration, especially on stainless steel.
- Made in Germany.
- Ideal grinding speed: Ø115 mm: 7.000 - 8.000 rpm. Ø125 mm: 6.000 - 7.000 rpm.
- Applications: Ferrous metals, non-ferrous metals (aluminium, titan, etc.), stainless steel V2A (1.4301) / V4A (1.4401).
- Orders are only possible in master cartons (with 10 x 4932430407). Minimum order quantity is 10 x 4932430407 (= 1 master carton). Order quantities greater than 10 pcs are to be ordered in multiples of 10 pcs (ie. 20, 30, 40, 50 ...).

	Type	Disc diameter (mm)	Grit	Bore size (mm)	Backing pad material	Article Number
50	SLC 50 / 115	115	Multigrain 40/60	22.2	Natural fibre	4932430407
	SLC 50 / 125	125	Multigrain 40/60	22.2	Natural Fibre	4932430408



- High quality zirconium grain: longer lifetime on ferrous metals and stainless steel.
- Self trimming backing pad: allows grinding on the last grain!
- Natural fibre backing pad: low vibration & noise, no harmful dust.
- Highly flexible: perfectly adjusts to working piece.
- Low heat development: no metal discolouration, especially on stainless steel.
- Made in Germany
- Ideal grinding speed: Ø115 mm: 7.000 - 8.000 rpm. Ø125 mm: 6.000 - 7.000 rpm.
- Applications: Ferrous metals, stainless steel V2A (1.4301) / V4A (1.4401).
- Orders are only possible in master cartons (with 10 x 4932430412). Minimum order quantity is 10 x 4932430412 (= 1 master carton). Order quantities greater than 10 pcs are to be ordered in multiples of 10 pcs (ie. 20, 30, 40, 50...).

	Type	Disc diameter (mm)	Grit	Bore size (mm)	Backing pad material	Article Number
50	SL 50 / 115	115	80	22.2	Natural Fibre	4932430412
	SL 50 / 115	115	120	22.2	Natural Fibre	4932430413
	SL 50 / 125	125	80	22.2	Natural Fibre	4932430414
	SL 50 / 125	125	120	22.2	Natural Fibre	4932430415

FIXTEC NUT

FIX TEC

- FIXTEC: Disc changing in seconds, no extra tools required.
- 12 seconds from removing the worn disc to fixing a new disc.
- Only 8 mm thin, enabling more surface of disc on the material.
- Compatible to all manufacturers angle grinders up to Ø 150 mm with standard M14 spindle thread.
- With integrated keyholes, for removal of the nut with a standard pin spanner in the event of the nut becoming too tight.

Description	Article Number
FIXTEC nut - M14 thread. Counter display	4932352473

M12 BS

M12™ SUB COMPACT BANDSAW

M12

- Compact light weight design for cutting with one hand overhead in existing installations and in tight spaces
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- Cuts a multitude of materials: steel, stainless steel, copper, plastic, aluminium
- Cold cutting - spark and burr free
- Clean cut - balanced handle design combined with 8-large ball bearing blade supports provide best in class cut quality
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- On board fuel gauge and LED light
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies

	M12 BS-0	M12 BS-402C
Battery pack capacity (Ah)	–	4.0
No. of batteries supplied	0	2
Charger supplied	–	80 min
No load speed (rpm)	0 - 85	0 - 85
Max. cutting capacity (mm)	41 x 41	41 x 41
Blade length (mm)	687.57	687.57
Weight with battery pack (kg)	–	3.2
Supplied in	–	Kitbox
Article Number	4933431310	4933441805

HD18 BS

M18™ HEAVY DUTY METAL BANDSAW

M18

- 4.8 kg compact light weight design for cutting overhead and in tight places
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- 85 mm cut capacity – cuts most common materials
- Tool-free adjustable material shoe – quickly adjusts the shoe and allows flush cuts when working with installed materials against walls and ceilings
- Blade ejection system – quickly change the blade by moving the material guide into the up position and depressing the blade ejection button
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- On board fuel gauge and LED light
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies

	HD18 BS-0	HD18 BS-402C
Battery pack capacity (Ah)	–	4.0
No. of batteries supplied	0	2
Charger supplied	–	80 min
No load speed (rpm)	146	146
Cutting capacity rect. stock (mm)	85 x 85	85 x 85
Blade length (mm)	898.52	898.52
Weight with battery pack (kg)	–	4.8
Supplied in	–	Kitbox
Article Number	4933419122	4933441415

M18 CBS125

M18 FUEL™ DEEP CUT BAND SAW

M18 FUEL

- Milwaukee® designed and built brushless POWERSTATE™ motor provides corded cutting performance with up to 10x more motor life and up to 2x more run time compared to other cordless solutions
- REDLINK PLUS™ intelligence system delivers the most advanced digital overload and blade lock-up protection and uniquely enhances the tool performance under load
- REDLITHIUM-ION™ battery pack delivers up to 2.5x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Largest cutting capacity up to 125 x 125 mm material diameter
- 5 step variable speed selection from 0 - 116 m/min
- Tool-free blade locking mechanism for quick and easy saw blade changes
- Solid metal rafter hook for quick and easy jobsite storage

	M18 CBS125-0	M18 CBS125-502C
Battery pack capacity (Ah)	–	5.0
No. of batteries supplied	0	2
Charger supplied	–	59 min
No load speed (m/min)	0 - 116	0 - 116
Cutting capacity rect. stock (mm)	125 x 125	125 x 125
Blade length (mm)	1139.83	1139.83
Weight with battery pack (kg)	–	7.3
Supplied in	–	Kitbox
Article Number	4933447150	4933448195

BS 125

DEEP CUT BAND SAW

- Powerful 1100 watt motor provides maximum performance and durability
- Largest cutting capacity up to 125 x 125 mm material diameter
- 4 step variable speed selection from 0 - 116 m/min
- Constant power technology maintains cut speed in the toughest applications for optimal performance
- Gear protecting clutch extends gear and motor life by absorbing high impact forces caused by blade lock-ups
- Slim full metal motor housing design and LED work surface illumination for best cut visibility
- Tool-free blade locking mechanism for quick and easy saw blade changes
- Tool-free adjustable shoe

	BS 125
Power input (W)	1100
No load speed (m/min)	0 - 116
Cutting capacity rect. stock (mm)	125 x 125
Max. cutting capacity metal pipe Ø (mm)	125
Blade length (mm)	1139.83
Weight (kg)	6.5
Supplied in	Kitbox
Article Number	4933448245

M18 FMCS

M18 FUEL™ METAL SAW

M18 FUEL

- Milwaukee® designed and built brushless POWERSTATE™ motor for fast cutting, longest tool life and up to 370 cuts in 3/4" EMT
- REDLINK PLUS™ intelligence system delivers the most advanced digital overload protection for tool and battery and uniquely enhances the tool performance under load
- REDLITHIUM-ION™ battery pack delivers up to 2.5x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Cold cuts - reduces sparks for increased jobsite safety
- Tool-free depth adjustment, quickly and easily adjusts cutting depth from 0 to 57 mm
- Compact and light weight design for most comforable use
- Integrated rafter hook for easy storage between uses
- On board allen key storage for easy access and preventing losing the key

	M18 FMCS-0X	M18 FMCS-502X
Battery pack capacity (Ah)	–	5.0
No. of batteries supplied	0	2
Charger supplied	–	59 min
No load speed (rpm)	3900	3900
Blade diameter (mm)	150	150
Bore size (mm)	20	20
Max. cutting depth (mm)	57	57
Weight with battery pack (kg)	–	2.8
Supplied in	HD Box	HD Box
Article Number	4933459192	4933459193

M18 BMS12

M18™ COMPACT METAL SHEAR

M18

- Accurate cuts with maximum cutting depth of 1.2 mm in steel
- Unique 360° tool-free rotating head with 12 locking positions to access tight spaces and increasing user comfort
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- In-Line wrist design for increased control during cutting
- Variable speed trigger for extra control during cutting
- Belt clip for secure mobility
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Flexible battery system: works with all Milwaukee® M18™ batteries

	M18 BMS12-0
Battery pack capacity (Ah)	–
No. of batteries supplied	0
Charger supplied	–
No load speed (rpm)	0 - 2500
Max. cutting capacity steel (mm)	1.2
Max. cutting capacity aluminium (mm)	2.0
Minimum cutting radius (mm)	180
Weight with battery pack (kg)	2.3
Supplied in	–
Article Number	4933447925

M18 BMS20

M18™ COMPACT METAL SHEAR

M18

- Accurate cuts with maximum cutting depth of 2.0 mm in steel
- Unique 360° tool-free rotating head with 12 locking positions to access tight spaces and increasing user comfort
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- In-Line wrist design for increased control during cutting
- Variable speed trigger for extra control during cutting
- Belt clip for secure mobility
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Flexible battery system: works with all Milwaukee® M18™ batteries

	M18 BMS20-0
Battery pack capacity (Ah)	–
No. of batteries supplied	0
Charger supplied	–
No load speed (rpm)	0 - 2500
Max. cutting capacity steel (mm)	2.0
Max. cutting capacity aluminium (mm)	3.2
Minimum cutting radius (mm)	180
Weight with battery pack (kg)	2.6
Supplied in	–
Article Number	4933447935

M18 FDG

M18 FUEL™ DIE GRINDER

M18 FUEL

- Milwaukee® designed and built brushless POWERSTATE™ motor with corded performance, up to 20 min of grinding on a 5.0 Ah battery and up to 10x more tool life
- REDLINK PLUS™ intelligence system delivers the most advanced digital overload protection for tool and battery and uniquely enhances the tool performance under load
- REDLITHIUM-ION™ battery pack delivers up to 2.5x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Universal reception to fit both, 6 and 8 mm accessories
- Slimmest handle design available on market
- Removable dust screen to prevent debris entrance, prolonging motor life
- Rubber front provides most comfortable handling
- Line-lock out function to prevent automatic start up
- Fuel gauge displays remaining charge

	M18 FDG-0X	M18 FDG-502X
Battery pack capacity (Ah)	–	5.0
No. of batteries supplied	0	2
Charger supplied	–	59 min
No load speed (rpm)	27,000	27,000
Collet capacity (mm)	6 / 8	6 / 8
Max. grinding accessories diameter (mm)	50	50
Weight with battery pack (kg)	–	2.1
Supplied in	HD Box	HD Box
Article Number	4933459190	4933459107

C12 RT

M12™ SUB COMPACT ROTARY TOOL

- Versatile cordless solution for cutting and removal applications
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- Variable speed (5000 - 32,000 rpm)
- 0.8 mm – 3.2 mm collet fits all current accessories in the market
- Spindle lock mechanism for easy accessory changes
- Superior ergonomics and lightweight
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- Fuel gauge displays remaining charge
- Flexible battery system: works with all Milwaukee® M12™ batteries

	C12 RT-0
Battery pack capacity (Ah)	–
No. of batteries supplied	0
Charger supplied	–
No load speed (rpm)	5000 - 32,000
Collet capacity (mm)	0.8 / 1.6 / 2.4 / 3.2
Weight with battery pack (kg)	0.6
Supplied in	–
Article Number	4933427183

C12 MT

M12™ SUB COMPACT MULTI-TOOL

- Versatile cordless solution for cutting and removal applications
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- Variable speed (5000 - 20,000 rpm) and 1.5° left/right oscillation movement allows quick completion of professional applications into materials such as metal, wood and plastic
- Will accept competitor accessories
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- Fuel gauge displays remaining charge
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Flexible battery system: works with all Milwaukee® M12™ batteries
- Supplied with an adapter, plunge cut blade OSC 112, sanding backing pad, 5 x sanding sheets

	C12 MT-0	C12 MT-202B	C12 MT-402B
Battery pack capacity (Ah)	–	2.0	4.0
No. of batteries supplied	0	2	2
Charger supplied	–	40 min	80 min
Oscillation angle left/ right (°)	1.5	1.5	1.5
No load speed (rpm)	5000 - 20,000	5000 - 20,000	5000 - 20,000
Weight with battery pack (kg)	–	1.0	1.2
Supplied in	–	Tool bag	Tool bag
Article Number	4933427180	4933441710	4933441705

M18 BMT

M18™ COMPACT MULTI-TOOL

- Up to 50% faster and versatile cordless solution for cutting and removal applications with corded performance
- REDLINK™ overload protection and constant speed electronics in tool deliver best in class durability and performance
- 12 variable speed settings from 12,000 - 18,000 orbits per minute and 3.4° oscillation movement allows quick completion of professional applications into materials such as metal, wood and plastic
- Productivity enhancing FIXTEC tool free blade change with universal blade change adaptor included to accept all competitor blades
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Unique cutting depth stop adaptor to prevent over-cutting in material
- Unique dust extraction kit to keep the work space dust-free when connected to an AC or DC extraction system
- Brightest LED workspace illumination
- Flexible battery system: works with all Milwaukee® M18™ batteries

	M18 BMT-0	M18 BMT-421C
Battery pack capacity (Ah)	–	1 x 2.0 & 1 x 4.0
No. of batteries supplied	0	2
Charger supplied	–	80 min
Oscillation angle left/ right (°)	1.7	1.7
No load speed (rpm)	12,000 - 18,000	12,000 - 18,000
Weight with battery pack (kg)	–	1.7
Supplied in	–	Kitbox
Article Number	4933446203	4933446210

MULTITOOL ACCESSORIES

- Universal blade reception makes Milwaukee® blades compatible with the most popular oscilating tools.

	Description	Teeth per inch	Width (mm)	Length (mm)	Article Number	
a	19 mm plunge cut blade. Plunge / recess / flush cutting in wood and PVC.	16	19	42	48900015	
b	32 mm plunge cut blade. Plunge / recess / flush cutting in wood and PVC.	16	32	42	48900030	
c	32 mm fast cut Japanese tooth blade. For fast , clean cuts in soft and hard wood.	14	32	42	48900055	
d	64 mm Bi-Metal wide blade. For cuts in sheet metal, nail embedded wood, plastic and fibreglass.	18	64	42	48900050	
e	80 mm flush cut segmented blade. For accurate and flush cuts in wood and plastics.	18	80	20	48900045	
f	80 mm Titanium flush segmented blade. Titanium coating for best wear resistance and double the lifetime. For accurate and flush cuts in sheet metal, nail embedded wood, plastic and fibreglass.	18	80	20	48900035	
g	Grout removal blade. For removing damaged grout between wall or floor tiles. Also good for cutting grooves in drywall.	Carbide grit	64		48900100	
h	Flush cut carbide grit blade. For cutting grooves and slots in plaster, drywall and grout.	Carbide grit	30	20	48900110	
i	Sanding pad		93	93	48902000	
j	Sanding paper. Hook & Loop. 8 pc pack.		93	93	48902060	
			93	93	48902080	
			93	93	48902120	
			93	93	48902240	

M12 CHZ

M12 FUEL™ COMPACT HACKZALL™

- Milwaukee® designed and built brushless POWERSTATE™ motor for up to 6x longer motor life and up to 70% faster cutting in certain applications
- REDLINK PLUS™ intelligence system delivers the most advanced digital overload protection for tool and battery and uniquely enhances the tool performance under load
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- Milwaukee® patented FIXTEC clamp for fast and easy keyless blade change
- Counter balance mechanism lowers vibration to 6.5 m/s² allowing the operator to work safely for longer periods of time reducing fatigue

M12 FUEL

	M12 CHZ-0	M12 CHZ-402C	M12 CHZ-602X
Battery pack capacity (Ah)	–	4.0	6.0
No. of batteries supplied	0	2	2
Charger supplied	–	80 min	90 min
No load stroke rate (spm)	0 - 3000	0 - 3000	0 - 3000
Stroke length (mm)	15.9	15.9	15.9
Weight with battery pack (kg)	–	1.6	1.6
Supplied in	–	Kitbox	HD Box
Article Number	4933446960	4933446950	4933451511

C12 HZ

M12 SUB COMPACT HACKZALL

- Milwaukee® high performance compact one handed use hack saw, measuring only 280 mm in length, making it ideal for working within confined spaces
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- Milwaukee® patented FIXTEC clamp for fast and easy keyless blade change
- Low vibration at 10.5 m/s²
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- On board fuel gauge and LED light - added user convenience and illumination in low lit working conditions
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies

M12

	C12 HZ-0	C12 HZ-202C
Battery pack capacity (Ah)	–	2.0
No. of batteries supplied	0	2
Charger supplied	–	40 min
No load stroke rate (spm)	0 - 3000	0 - 3000
Stroke length (mm)	13	13
Weight with battery pack (kg)	–	1.2
Supplied in	–	Kitbox
Article Number	4933411925	4933441195

C18 HZ

M18™ COMPACT ONE-HANDED HACKZALL™

- Milwaukee® high performance compact one handed use hacksaw, measuring only 375mm in length, makes it ideal for working within confined spaces
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- Dual gear counter balance reduces vibration and increases tool life
- Milwaukee® patented FIXTEC clamp for fast keyless blade change
- 20 mm stroke length for controlled cutting with a no load stroke rate of 3000 spm
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- Fuel gauge displays remaining charge
- Built in LED light illuminates the work surface

M18

	C18 HZ-0	C18 HZ-402B
Battery pack capacity (Ah)	–	4.0
No. of batteries supplied	0	2
Charger supplied	–	80 min
No load stroke rate (spm)	0 - 3000	0 - 3000
Stroke length (mm)	20	20
Weight with battery pack (kg)	–	2.5
Supplied in	–	Tool bag
Article Number	4933416785	4933441340

M18 ONESX

ONE-KEY™ FUEL™ SAWZALL®

- M18 CSX but with ONE-KEY™ technology
- Connect via Bluetooth® with the Milwaukee® ONE-KEY™ app
- Complete tool customisation via ONE-KEY™ app to tune the tool to your needs
- Custom cut control provides advanced control over cutting speeds
- Adjustable soft start provides more accurate cut-starts in various materials minimising blade chatter and assisting in cleaner faster cuts
- Cut optimisation gives longer blade life and easier cutting in a wide range of materials
- Automatic brake allows the saw to stop the blade after it breaks through a material preventing accidental cuts in adjacent materials
- Plunge cut allows the blade to penetrate the material at a slower speed and then automatically ramp to full speed, sensing an increase in force from the user

ONE KEY M18 FUEL

	M18 ONESX-0X	M18 ONESX-502X	M18 ONESX-902X
Battery pack capacity (Ah)	–	5.0	9.0
No. of batteries supplied	0	2	2
Charger supplied	–	59 min	95 min
Max. cutting depth in soft-wood (mm)	300	300	300
Max. cutting depth in steel (mm)	20	20	20
Max. cutting depth in aluminium (mm)	25	25	25
Max. cutting depth in non-ferrous metal (mm)	25	25	25
Max. cutting depth in metal pipe (mm)	150	150	150
No load stroke rate (spm)	0 - 3000	0 - 3000	0 - 3000
Stroke length (mm)	28.6	28.6	28.6
Weight with battery pack (kg)	–	4.0	4.3
Supplied in	HD Box	HD Box	HD Box
Article Number	4933459203	4933451666	4933459220

BLADE LENGTH 1139.83 MM (CORDED & M18 FUEL™)

- Bi-Metal blades with matrix II high speed steel teeth with 8% cobalt outlast conventional blades up to 3 times, requiring fewer blade changes.
- Extremely hard and uniform tooth point is electron beam welded to a tough durable backing with high flex life for faster cutting, and longer blade life.

Material wall thickness (mm)	Tooth pitch (mm)	Teeth per inch	Pack quantity	Article Number
≥ 8	2.5	10	3	48390501
5 - 8	1.8	14	3	48390511
4 - 5	1.4	18	3	48390521
≤ 4	1.0	25	3	48390531

BLADE LENGTH 898.52 MM (M18)

Material wall thickness (mm)	Tooth pitch (mm)	Teeth per inch	Pack quantity	Article Number
5 - 8	1.8	14	3	48390519
4 - 5	1.4	18	3	48390529
≤ 4	1.0	25	3	48390539

BLADE LENGTH 687.57 MM (M12)

Material wall thickness (mm)	Tooth pitch (mm)	Teeth per inch	Pack quantity	Article Number
2.5 - 8	1.4	18	3	48390572

HACKZALL™ BLADES

- Especially engineered blades for exclusive use on 12 V HACKZALL™.
- Bi-Metal construction for increased tooth durability.
- Optimised tooth form for aggressive and faster cutting.
- Thinner blade body for better speed of cut and 35% more cuts per charge.
- 75 mm scraper: for removing strong adhesive silicon, caulk, paint and rust.
- 125 mm wide scraper: for removing glue, silicon, caulk, vinyl, rust, paint and wallpaper.
- Grout removal blade: for removing damaged or moulded grout between tiles.

Blade length (mm)	Tooth pitch (mm)	Teeth per inch							Pack quantity	Article Number
			METAL	METAL	Cu/Ni/Ms/Zn	ALU		P.V.C.		
100	4.2	6	-	-	-	-	6 - 40	Ø 10 - 40	5	49005460
150	1.8	14	3 - 6	Ø 10 - 32	3 - 6	3 - 6	-	Ø 10 - 50	5	49005614
100	1.4	18	1.5 - 4	Ø 10 - 32	1.5 - 4	-	-	-	5	49005418
100	1	25	0.5 - 3	Ø 8 - 32	0.5 - 3	-	-	-	5	49005424
			75 mm scraper: for removing strong adhesive silicon, caulk, paint and rust.							
75	-	-	-	-	-	-	-	-	1	49005456
			125 mm wide scraper: for removing glue, silicon, caulk, vinyl, rust, paint and wallpaper.							
125	-	-	-	-	-	-	-	-	1	49005455
10 pc set 2 x 49005460, 3 x 49005614, 3 x 49005424, 2 x 49005418.									10	49220220

METAL: HEAVY DUTY DEMOLITION BLADES

THE TORCH™

- Strong: Robust 1.06 mm thick body.
- Shatter resistant: The bi-metal blade body will bend and flex but not break.
- Torch: - Thick 1.06 mm robust blade body for precise cuts in sheet metal and pipes.
- 25 mm blade height for improved stability and minimum vibration.

Blade length (mm)	Tooth pitch (mm)	Teeth per inch	Ref. No.	METAL	METAL	Cu/Ni/Ms/Zn	STAINLESS-INOX MIXTA		RESCUE	Pack quantity	Article Number
150	1.4	18	-	2 - 8	Ø 10 - 100	2 - 8	2 - 4	No	Yes	5	48005784
										25	48008784
150	1.4	18	-	2 - 8	Ø 10 - 100	2 - 8	2 - 4	No	Yes	5	48004784
230	1.4	18	-	2 - 8	Ø 10 - 160	2 - 8	2 - 4	No	Yes	5	48005788
										25	48008788
230	1.4	18	-	2 - 8	Ø 10 - 160	2 - 8	2 - 4	No	Yes	5	48004788
300	1.4	18	-	2 - 8	Ø 10 - 180	2 - 8	2 - 4	No	Yes	5	48005789
										25	48008789
150	1.8	14	-	3 - 10	Ø 10 - 100	3 - 10	3 - 7	Yes	Yes	5	48005782
										25	48008782
150	1.8	14	-	3 - 10	Ø 10 - 100	3 - 10	3 - 7	Yes	Yes	5	48004782
230	1.8	14	-	3 - 10	Ø 10 - 160	3 - 10	3 - 7	Yes	Yes	5	48005787
										25	48008787
230	1.8	14	-	3 - 10	Ø 10 - 160	3 - 10	3 - 7	Yes	Yes	5	48004787
150	2.5	10	-	4 - 10	Ø 10 - 100	4 - 10	4 - 10	Yes	Yes	5	48005712
										25	48008712
150	2.5	10	-	4 - 10	Ø 10 - 100	4 - 10	4 - 10	Yes	Yes	5	48004712
230	2.5	10	-	4 - 10	Ø 10 - 160	4 - 10	4 - 10	Yes	Yes	5	48005713
										25	48008713
230	2.5	10	-	4 - 10	Ø 10 - 160	4 - 10	4 - 10	Yes	Yes	5	48004713

M18 CSX

M18 FUEL™ SAWZALL®

M18 FUEL

- Milwaukee® designed and built brushless POWERSTATE™ motor for up to 5x longer motor life and up to 30% faster cutting
- REDLINK PLUS™ intelligence system delivers the most advanced digital overload protection for tool and battery and uniquely enhances the tool performance under load
- REDLITHIUM-ION™ battery pack delivers up to 2.5x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- Patented gear protecting clutch - extends gear and motor life by absorbing high impact forces caused by sudden blade lock-ups
- FIXTEC blade clamp for fast and easy blade changes without any key

	M18 CSX-0X	M18 CSX-502X	M18 CSX-902X
Battery pack capacity (Ah)	–	5.0	9.0
No. of batteries supplied	0	2	2
Charger supplied	–	59 min	95 min
Max. cutting depth in soft-wood (mm)	300	300	300
Max. cutting depth in steel (mm)	20	20	20
Max. cutting depth in aluminium (mm)	25	25	25
Max. cutting depth in non-ferrous metal (mm)	25	25	25
Max. cutting depth in metal pipe (mm)	150	150	150
No load stroke rate (spm)	0 - 3000	0 - 3000	0 - 3000
Stroke length (mm)	28.6	28.6	28.6
Weight with battery pack (kg)	–	4.1	4.4
Supplied in	HD Box	HD Box	HD Box
Article Number	4933451428	4933451378	4933451470

M18 BSX

M18™ HEAVY DUTY SAWZALL®

M18

- Milwaukee®'s high performance 4-pole motor delivers maximum power whilst maximising the power to weight ratio
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- Milwaukee® patented FIXTEC clamp for fast and easy keyless blade change
- Counter balance mechanism to reduce vibrations 15.2 m/s² in wooden beams
- 28.6 mm stroke length & 3000 strokes per minute for extremely fast cutting
- Fuel gauge displays remaining charge
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Flexible battery system: works with all Milwaukee® M18™ batteries

	M18 BSX-0	M18 BSX-402C
Battery pack capacity (Ah)	–	4.0
No. of batteries supplied	0	2
Charger supplied	–	80 min
Max. cutting depth in soft-wood (mm)	300	300
Max. cutting depth in steel (mm)	20	20
Max. cutting depth in aluminium (mm)	25	25
Max. cutting depth in non-ferrous metal (mm)	25	25
Max. cutting depth in metal pipe (mm)	150	150
No load stroke rate (spm)	3000	3000
Stroke length (mm)	28.6	28.6
Weight with battery pack (kg)	–	4.0
Supplied in	–	Kitbox
Article Number	4933447275	4933447285

M18 VC

M18™ HEAVY DUTY 7.5 L WET/ DRY VACUUM

M18

- Powerful 18V motor with a maximum air flow of 1246 l/min / 80 bar suction power
- HEPA rated 99.7 % high efficiency wet/dry filter: for fine dust collection
- Built-in blower: provides 21 l/sec of air flow for maximum efficiency
- 7.5 l capacity: reduces downtime to emptying
- Stackable tool box design: for added portability and easier storage
- On-board accessory and hose storage: quick access to accessories
- Flexible battery system: works with all Milwaukee® M18™ batteries
- Supplied with washable filter, hose, crevice tool and utility nozzle

	M18 VC-0
Battery pack capacity (Ah)	–
No. of batteries supplied	0
Charger supplied	–
Capacity solids (l)	9.65
Capacity liquids (l)	7.5
Hose diameter (mm)	31.5 / 41.7
Hose length (m)	1.8
Max. vacuum (mbar)	80
Air volume (l/min)	1246
Filter type	Wet/Dry
Weight with battery pack (kg)	5.4
Supplied in	–
Article Number	4933433601

M18 CV

M18™ COMPACT HAND VAC

M18

- Excellent suction power for wood, metal and common debris
- HEPA filter will collect 99.97% of airborne particles down to 0.3 microns
- Lock on switch reduces fatigue during sustained use
- Versatile accessories for small or large clean up areas
- Secure canister lock guards against unwanted spillage
- Clear viewing window gives the user the ability to see debris build up
- Up to 23 minutes continuous run time on a 5.0 Ah battery
- Flexible battery system: works with all Milwaukee® M18™ batteries

	M18 CV-0
Battery pack capacity (Ah)	–
No. of batteries supplied	0
Charger supplied	–
Capacity solids (l)	2.5
Hose diameter (mm)	32
Hose length (m)	1.2
Max. vacuum (mbar)	84.8
Air volume (l/min)	1019.33
Filter type	Dry
Weight with battery pack (kg)	1.9
Supplied in	–
Article Number	4933459204

M12 HV

M12™ SUB COMPACT STICK VAC

M12

- Excellent suction power for wood, metal and common debris
- Clear viewing window gives the user the ability to see debris build up
- Lock on switch reduces fatigue during sustained use
- Versatile accessories for small or large clean up areas
- Compact design makes it easy to clean in tight spaces
- Secure canister lock guards against unwanted spillage

	M12 HV-0
Battery pack capacity (Ah)	–
No. of batteries supplied	0
Charger supplied	–
Air volume (l/min)	934
Airflow speed (m³/h)	56
Max. vacuum (mbar)	31.1
Capacity solids (l)	0.6
Hose diameter (mm)	22.5
Weight with battery pack (kg)	1.2
Supplied in	–
Article Number	4933448390

M18 BHG

M18™ COMPACT HEAT GUN

COMING SOON

M18

- High performance heat coil allows the tool to reach 537 °C
- Reaches operational temperature in six seconds allowing the user to quickly complete his application
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- Durable ladder hook for work space management and safety
- Integrated LED light to illuminate the work area

	M18 BHG-0	M18 BHG-502C
Battery pack capacity (Ah)	–	5.0
No. of batteries supplied	0	2
Charger supplied	–	80 min
Temperature range (°C)	537	537
Weight with battery pack (kg)	–	1.4
Supplied in	–	Kitbox
Article Number	4933459771	4933459772

M12 SI

M12™ SUB COMPACT SOLDERING IRON

COMING SOON

M12

- Quick heat up - ready in 80 - 100 seconds
- Locking head rotation - 0°, 45°, 90°
- Exchangeable tips
- Indicator lighting - Fuel gauge, hot tip indicator light
- LED work light - increased visibility of soldering application
- M12™ system compatible - 65+ tools

	M12 SI-0	M12 SI-201C
Battery pack capacity (Ah)	–	2.0
No. of batteries supplied	0	1
Charger supplied	–	40 min
Heater power (W)	90	90
Temperature range (°C)	400	400
Weight with battery pack (kg)	–	0.5
Supplied in	–	Kitbox
Article Number	4933459760	4933459761

LUBRICANTS & SEALANTS

M12 GG

M12™ SUB COMPACT GREASE GUN

- Powerful 12 V motor delivers over 562 bar max operating pressure
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- Best in class run time - dispenses up to 7 cartridges per charge
- Superior handle balance and ergonomics - only 355 mm long and 3.2 kg
- Air bleeder valve - priming mechanism for quick flow
- Integrated hose storage & shoulder strap loop - added user convenience and less down time
- Three way loading - bulk, cartridge and suction capable
- Grease capacity 400 ml cartridge, 473 ml bulk
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- On board fuel gauge and LED light

	M12 GG-0	M12 GG-401B
Battery pack capacity (Ah)	–	4.0
No. of batteries supplied	0	1
Charger supplied	–	80 min
Pressure (bar)	562	562
Weight with battery pack (kg)	–	3.2
Supplied in	–	Tool bag
Article Number	4933440435	4933441675

M18 GG

M18™ HEAVY DUTY GREASE GUN

- Powerful 18V motor delivers over 562 bar max. operating pressure
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- Best in class run time - dispenses up to 7 cartridges per charge
- Superior handle balance and ergonomics - only 355 mm long and 3.9 kg
- Air bleeder valve - priming mechanism for quick flow
- Integrated hose storage, shoulder strap loop and LED fuel gauge - added user convenience and less down time
- Three way loading - bulk, cartridge and suction capable
- Grease capacity 400 ml cartridge, 473 ml bulk
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies

	M18 GG-0	M18 GG-201C
Battery pack capacity (Ah)	–	2.0
No. of batteries supplied	0	1
Charger supplied	–	40 min
Pressure (bar)	562	562
Weight with battery pack (kg)	–	3.9
Supplied in	–	Kitbox
Article Number	4933440493	4933440490

M12 PCG/600

M12™ SUB COMPACT CAULK GUN WITH 600 ML TUBE

- Up to 1780 N of force
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- Optimised performance with all construction adhesives and cool temperatures
- Anti-drip feature prevents unwanted dripping when trigger is released
- Dial control with 6 speed settings allows for maximum bead control
- Large robust plunger design ensures constant flow, reduces blow back and expels all sealant from cartridge
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- Fuel gauge displays remaining charge
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies

	M12 PCG/600A-0	M12 PCG/600A-201B
Battery pack capacity (Ah)	–	2.0
No. of batteries supplied	0	1
Charger supplied	–	40 min
Max. pushing force (N)	1780	1780
Speed settings	6	6
Standard equipment	600 ml alum. tube	600 ml alum. tube
Weight with battery pack (kg)	–	1.9
Supplied in	–	Tool bag
Article Number	4933441786	4933441670

C18 PCG/600

M18™ HEAVY DUTY CAULK GUN WITH 600 ML TUBE

- Up to 4500 N of force. Min 40% higher than current Milwaukee® caulk gun
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- Optimised performance with all adhesives and cool temperatures
- Anti-drip feature prevents unwanted dripping when trigger is released
- Dial control with 6 speed settings allows for maximum bead control
- Large robust plunger design ensures constant flow, reduces blow back and expels all sealant from cartridge
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- On board fuel gauge and LED light

	C18 PCG/600A-201B	C18 PCG/600T-201B
Battery pack capacity (Ah)	2.0	2.0
No. of batteries supplied	1	1
Charger supplied	40 min	40 min
Max. pushing force (N)	4500	4500
Speed settings	6	6
Standard equipment	600 ml alum. tube	600 ml transp. tube
Weight with battery pack (kg)	2.3	2.3
Supplied in	Tool bag	Tool bag
Article Number	4933441305	4933441808

M12 PCG/400

M12™ SUB COMPACT CAULK GUN WITH 400 ML TUBE

- Up to 1780 N of force
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- Optimised performance with all construction adhesives and cool temperatures
- Anti-drip feature prevents unwanted dripping when trigger is released
- Dial control with 6 speed settings allows for maximum bead control
- Large robust plunger design ensures constant flow, reduces blow back and expels all sealant from cartridge
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- Fuel gauge displays remaining charge
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies

	M12 PCG/400A-0	M12 PCG/400A-201B
Battery pack capacity (Ah)	–	2.0
No. of batteries supplied	0	1
Charger supplied	–	40 min
Max. pushing force (N)	1780	1780
Speed settings	6	6
Standard equipment	400 ml alum. tube	400 ml alum. tube
Weight with battery pack (kg)	–	1.9
Supplied in	–	Tool bag
Article Number	4933441780	4933441665

C18 PCG/400

M18™ HEAVY DUTY CAULK GUN WITH 400 ML TUBE

- Up to 4500 N of force. Min 40% higher than current Milwaukee® caulk gun
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- Optimised performance with all adhesives and cool temperatures
- Anti-drip feature prevents unwanted dripping when trigger is released
- Dial control with 6 speed settings allows for maximum bead control
- Large robust plunger design ensures constant flow, reduces blow back and expels all sealant from cartridge
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- On board fuel gauge and LED light

	C18 PCG/400T-201B
Battery pack capacity (Ah)	2.0
No. of batteries supplied	1
Charger supplied	40 min
Max. pushing force (N)	4500
Speed settings	6
Standard equipment	400 ml transparent tube
Weight with battery pack (kg)	2.3
Supplied in	Tool bag
Article Number	4933441812

M12 PCG/310

M12™ SUB COMPACT CAULK GUN WITH 310 ML CARTRIDGE HOLDER

- Up to 1780 N of force
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- Optimised performance with all construction adhesives and cool temperatures
- Anti-drip feature prevents unwanted dripping when trigger is released
- Dial control with 6 speed settings allows for maximum bead control
- Large robust plunger design ensures constant flow, reduces blow back and expels all sealant from cartridge
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- Fuel gauge displays remaining charge
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies

	M12 PCG/310C-0	M12 PCG/310C-201B
Battery pack capacity (Ah)	–	2.0
No. of batteries supplied	0	1
Charger supplied	–	40 min
Max. pushing force (N)	1780	1780
Speed settings	6	6
Standard equipment	310 ml cart. holder	310 ml cart. holder
Weight with battery pack (kg)	–	1.9
Supplied in	–	Tool bag
Article Number	4933441783	4933441655

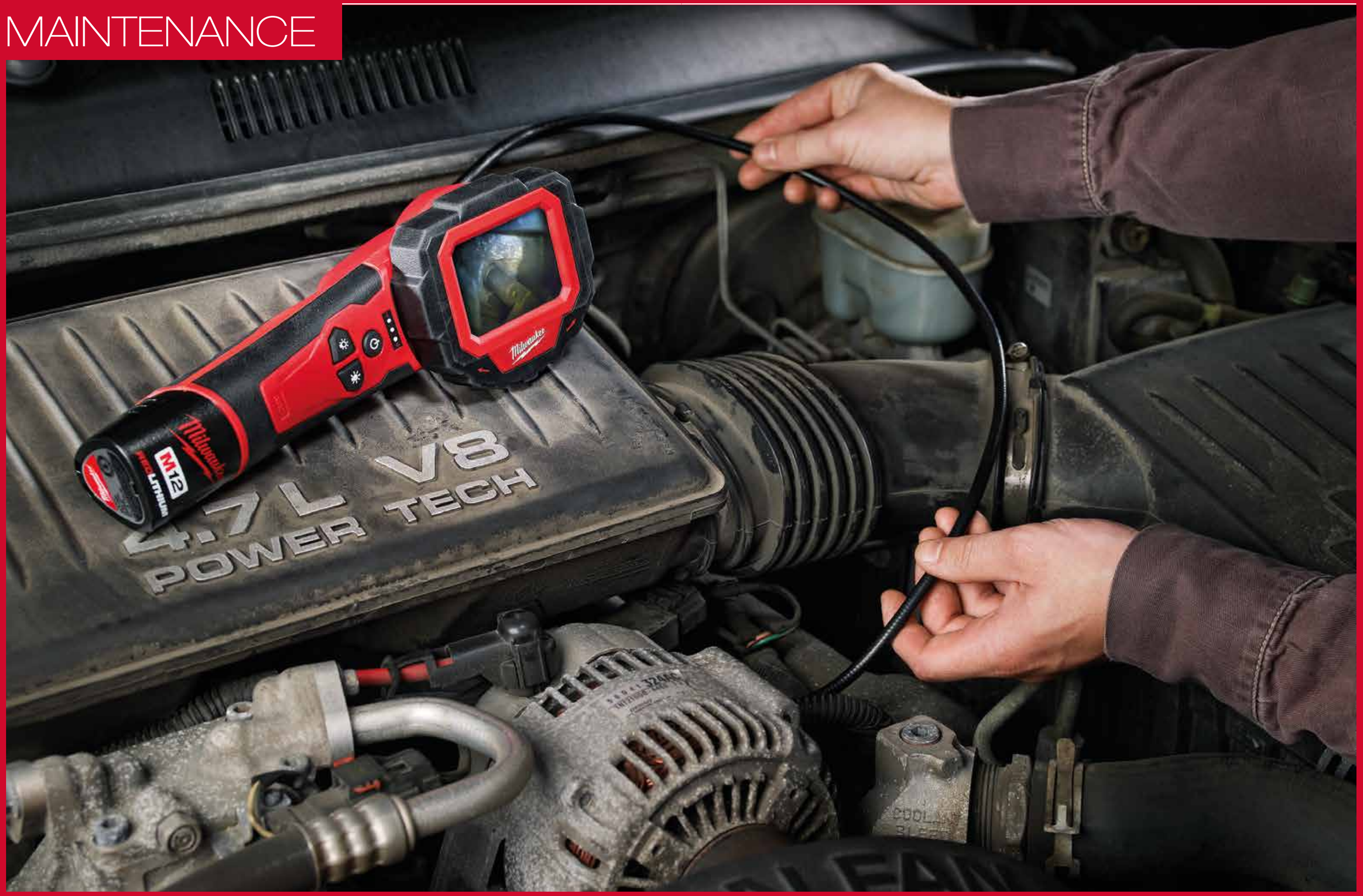
C18 PCG/310

M18™ HEAVY DUTY CAULK GUN WITH 310 ML CANISTER

- Up to 4500 N of force. Min 40% higher than current Milwaukee® caulk gun
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- Optimised performance with all adhesives and cool temperatures
- Anti-drip feature prevents unwanted dripping when trigger is released
- Dial control with 6 speed settings allows for maximum bead control
- Large robust plunger design ensures constant flow, reduces blow back and expels all sealant from cartridge
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- On board fuel gauge and LED light

	C18 PCG/310C-201B
Battery pack capacity (Ah)	2.0
No. of batteries supplied	1
Charger supplied	40 min
Max. pushing force (N)	4500
Speed settings	6
Standard equipment	310 ml canister cartridge holder
Weight with battery pack (kg)	2.3
Supplied in	Tool bag
Article Number	4933441310

MAINTENANCE



M12 IC

M12™ SUB COMPACT M-SPECTOR™ 360° CAMERA

- Rotating screen: screen rotates 270 degrees providing the user fluid image control
- Optimised 68.6 mm LCD: digital image and larger screen delivers crisp, clear picture
- 9 mm 640 x 480 digital image sensor: superior image quality in nearly half the size
- 4 surround LED lights: best in class brightness without shadow or glare
- Enhanced cable: aluminium head and improved flexibility deliver unmatched durability and pipe manoeuvrability
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Flexible battery system: works with all Milwaukee® M12™ batteries

	M12 IC-0 (S)	M12 IC-201C (S)
Battery pack capacity (Ah)	–	2.0
No. of batteries supplied	0	1
Charger supplied	–	40 min
Display size (mm)	68	68
Display resolution (pixels)	320 x 240	320 x 240
Camera head diameter (mm)	9	9
Camera cable length (mm)	914	914
Weight with battery pack (kg)	–	0.6
Supplied in	–	Kitbox
Article Number	4933431615	4933441680

M12 IC AV3

M12™ DIGITAL INSPECTION CAMERA

- Removable screen, screen can be removed from console and works within a range of 10 m
- M12™ digital inspection camera 4x zoom and screen rotation
- Optimised 85 mm LCD, digital image and larger screen delivers crisp, clear picture
- 12 mm 320 x 240 digital image sensor, superior image quality in improved larger screen
- 4 surround LED lights, for best in class brightness without shadow or glare
- Supplied with 8 GB SD memory card and 2.7 m digital cable
- Enhanced cable, aluminium head and improved flexibility delivers unmatched durability and manoeuvrability
- Articulating head attachment available as an accessory
- Flexible battery system, works with all Milwaukee® M12™ batteries

	M12 IC AV3-201C
Battery pack capacity (Ah)	2.0
No. of batteries supplied	1
Charger supplied	40 min
Display size (mm)	85
Display resolution (pixels)	320 x 240
Camera head diameter (mm)	12
Cable length (m)	2.7
Image zoom	4x
Weight with battery pack (kg)	0.7
Supplied in	Kitbox
Article Number	4933451367

CABLE EXTENSIONS

- All extension cables are water splash and dust proof.
- Extensions are attached between the base camera unit and standard supplied camera cable.

Description	Cable length (m)	Cable diameter (mm)	Fits inspection cameras	Article Number
Cable extension. Up to a maximum of 3 extensions can be fixed together.	0.9	17	C12 IC	48530110
Cable extension. Up to a maximum of 2 extensions can be fixed together.	2.4	17	C12 IC,C12 AVD,C12 AVA	48530140
1m Replacement Cable Camera for the M-spector camera	1	12	M12 IC AV3	48530150
3m Replacement Cable Camera for the M-spector camera	3	12	M12 IC AV3	48530151
1 m articulating cable.	1	12	M12 IC AV3	48530155

2309-60

ALKALINE INSPECTION CAMERA

- Optimised 65.8 mm LCD screen, digital image and large screen delivers crisp clear picture
- 9 mm 320 x 240 digital image sensor, superior image quality in nearly half the size
- Light weight sub 0.5 kg design
- Anti glare function allowing better screen visibility
- Supplied with 9V alkaline battery for over an hour continuous run time

	2309-60
Battery type	Alkaline
Display size (mm)	65.8
Display resolution (pixels)	320 x 240
Camera head diameter (mm)	9
Cable length (m)	0.914
Weight with battery pack (kg)	0.5
Supplied in	Kitbox
Article Number	4933451526

2217-40

DIGITAL MULTIMETER

- TRMS always guarantees accurate readings
- High contrast, easy to read display provides clearer readings
- Cat III 600 V for increased safety
- Side mounted dial for one-handed use
- Feature set tailored to electrician – for intuitive use
- Lo-Z. – always guaranteed accurate readings
- Versatile contact temperature measurement
- Slide rail for accessory mount
- Supplied with electrical test lead set, thermocouple (dual banana) and 2 x AA batteries

	2217-40
Current AC/ DC (amps)	10
Voltage AC/DC (V)	600
Lo-Z measurement	Yes
Resistance (kΩ)	40,000
Continuity	Yes
Capacitance (µF)	1000
Contact temperature (°C)	-40 bis + 538
Frequency (Hz)	2.00 Hz bis 50.00 kHz
Battery type	2 x AA
Weight with battery pack (kg)	0.4
Supplied in	Tool bag
Article Number	4933416976

2216-40

LIGHT COMMERCIAL MULTIMETER

- TRMS always guarantees accurate readings
- CAT III 600 V for increased safety
- Rugged over-moulding increases durability and user grip
- Side mounted dial for one-handed use
- Feature set tailored to electrician – for intuitive use
- Auto range to mV
- Supplied with electrical test lead set and 2 x AA batteries

	2216-40
Current AC/ DC (amps)	10
Voltage (AC) (V)	6.00 mV - 600
Voltage (DC) (V)	600
Lo-Z measurement	No
Resistance (kΩ)	40,000
Continuity	Yes
Frequency (Hz)	10 - 50
Battery type	2 x AA
Weight with battery pack (kg)	0.4
Supplied in	–
Article Number	4933427309

2212-20

AUTO VOLTAGE/CONTINUITY TESTER

- Provides measurements down to decimals and displays them on an easy-to-read backlit LCD
- Automatically determines the need for voltage or continuity tests and display all measurements with proper resolution
- Compatible with accessories for carrying or mounting
- LED worklight for low lit areas
- Dual LED and audible indicators for fast and convenient test results
- Replaceable test leads for greater flexibility
- Rugged over-moulding protects your meter in any environment

	2212-20
Voltage AC/DC (V)	600
Temperature range (°C)	0 - 50
Safety rating	CAT IV 600 V
Continuity	Yes
Battery type	2 x AAA
Weight with battery pack (kg)	0.3
Supplied in	–
Article Number	4933447776

2267-40

10:1 INFRARED TEMP-GUN™

- 10:1 distance to spot ratio, a 1 m spot from 10 m away
- Up to -30°C to 400°C temperature range
- Premium LCD display for superior readability
- Simplified buttons and setup for faster scanning
- Raised overmolding protects lens and screen from direct impact

	2267-40
Temperature range (°C)	-30° to 400°
Basic accuracy (%)	± 2
Repeatability (%)	± 0.08
Emissivity	0.95
Battery type	Alkaline
Weight with battery pack (kg)	0.3
Supplied in	–
Article Number	4933451906

LIGHTING

M12 UHL

M12™ UNDERHOOD LIGHT

- Milwaukee®'s FINISHGUARD™ hooks provide lasting protection against scratches to a vehicle's finish
- 2X more gripping surface for maximum hold
- Rotate, slide, remove and hang light bar for added flexibility and versatility
- Mounting hooks extend 119 cm - 196 cm (47" - 77") covering wide cars and trucks
- TRUEVIEW™ high definition output: High - 1350 Lumens/4 hrs. Low - 600 Lumens/8 hrs with an M12™ 4.0 Ah battery pack
- Light bar with stainless steel hook
- Sturdy aircraft aluminium frame
- Impact and chemical resistant lens

	M12 UHL-0
Battery pack capacity (Ah)	–
No. of batteries supplied	0
Charger supplied	–
System	M12
Battery compatibility	All Milwaukee® M12™ batteries
Bulb type	LED
Max. light output High/Medium/ Low/Strobe (Lumens)	1350/-/600/-
Max. run time with M12 B4 battery (h)	4/-/8/-
Weight with battery pack (kg)	1.1
Supplied in	–
Article Number	4933459432

M12 AL

M12™ LED AREA LIGHT

- TRUEVIEW™ high definition lighting
- Five high performance LEDs provide 1000 Lumens of light output replacing 250 W halogen lights
- Highly durable and impact resistant polycarbonate lens to withstand drops up to 2.7 metres
- Integrated magnets, clamping mechanism, and key hole for screws / nails provide multiple mounting options for different surfaces
- Most compact flood light designed for the on-the-go needs of service and maintenance trades
- IP54 rating, the light is protected from dust and splashing water
- Low battery indicator, light flashes when battery pack is low on charge

	M12 AL-0
Battery pack capacity (Ah)	–
No. of batteries supplied	0
Charger supplied	–
System	M12
Battery compatibility	All Milwaukee® M12™ batteries
Bulb type	LED
Max. light output High/Medium/ Low/Strobe (Lumens)	1000 / 500 / 250
Max. run time with M12 B4 battery (h)	3.5 / 7.5 / 15
Weight with battery pack (kg)	1.3
Supplied in	Blister
Article Number	4933451394

M12 LL

M12™ LED LANTERN LIGHT

- TRUEVIEW™ high definition lighting
- 180° - 360° adjustable beam - versatile design, allows the user to select between area lighting and task lighting
- Best-in-class performance - unmatched light output 400+ Lumens, designed to illuminate large areas
- High powered 2.1A USB charger charges tablets, smart phones, MP3 players and other electronic devices
- Job site durability - rugged designed with impact resistant lens to withstand abusive job site conditions
- 2 hooks for hanging
- Protected against splashing water at all angles (IP24)

	M12 LL-0
Battery pack capacity (Ah)	–
No. of batteries supplied	0
Charger supplied	–
System	M12
Battery compatibility	All Milwaukee® M12™ batteries
Bulb type	LED
Max. light output High/Medium/ Low/Strobe (Lumens)	400 / 200 / 40 / 400
Max. run time with M12 B4 battery (h)	8 / 15 / 67 / 16
Beam distance (m)	23
Weight with battery pack (kg)	0.9
Supplied in	–
Article Number	4932430562

M12 SL

M12™ LED STICK LIGHT

- TRUEVIEW™ high definition lighting
- Powerful three LED design provides 220 LumensAdjustable metal hook allows for light to be hung in multiple orientations when being used
- Compact design - operates in locations other lights cannot
- Flexible battery system: works with all Milwaukee® M12™ batteries

	M12 SL-0
Battery pack capacity (Ah)	–
No. of batteries supplied	0
Charger supplied	–
System	M12
Battery compatibility	All Milwaukee® M12™ batteries
Bulb type	LED
Max. light output High/Medium/ Low/Strobe (Lumens)	220 / - / - / -
Max. run time with M12 B4 battery (h)	11 / - / - / -
Weight with battery pack (kg)	0.5
Supplied in	–
Article Number	4932430178

M18 HAL

M18™ HIGH PERFORMANCE LED AREA LIGHT

- TRUEVIEW™ high definition lighting
- Twelve high performance LEDs and 3 light settings provide up to 3000 Lumens on high - up to 30% brighter than a 500 Watt halogen light
- 240° rotatable light head and integrated key holes for horizontal and vertical hanging
- Impact resistant polycarbonate lens and durable roll cage to protect the light from rough jobsite conditions
- Dual power source, powered by either M18™ REDLITHIUM-ION™ battery packs or by 2.5 m included extension cord
- Easy one-handed transport with built-in carry handles
- Low battery indicator, light flashes when battery pack is low on charge

	M18 HAL-0
Voltage (AC) (V)	220 - 240
Voltage (DC) (V)	18
Battery type	Li-ion
Battery pack capacity (Ah)	–
No. of batteries supplied	0
Charger supplied	–
System	M18
Battery compatibility	All Milwaukee® M18™ batteries
Bulb type	LED
Max. light output High/Medium/Low/Strobe (Lumens)	3000 / 1500 / 650 / -
Max. run time with M18 B5 battery (h)	2 / 4 / 9 / -
Weight with battery pack (kg)	3.4
Supplied in	–
Article Number	4933451262

M18 AL

M18™ LED AREA LIGHT

- TRUEVIEW™ high definition lighting
- Eight high performance LEDs provide 1500 Lumens of light output - up to 30% brighter than 250 W halogen lights
- Compact roll cage design provides superior durability
- Convenient built-in handle - ability to hang vertically or horizontally
- Flexibility to mount vertically on a max. 13 mm diameter pipe, threaded rod or rebar to maximise hands-free operation
- Flexible battery system: works with all Milwaukee® M18 batteries™

	M18 AL-0
Battery pack capacity (Ah)	–
No. of batteries supplied	0
Charger supplied	–
System	M18
Battery compatibility	All Milwaukee® M18™ batteries
Bulb type	LED
Max. light output High/Medium/Low/Strobe (Lumens)	1500 / - / 780
Max. run time with M18 B5 battery (h)	5 / 10
Weight with battery pack (kg)	2.1
Supplied in	–
Article Number	4932430392

M18 LL

M18™ LED LANTERN LIGHT

- TRUEVIEW™ high definition lighting
- 180° - 360° adjustable beam - versatile design, allows the user to select between area lighting and task lighting
- Best-in-class performance - unmatched light output 700 Lumens, designed to illuminate large areas
- High powered USB charger charges tablets, smart phones, MP3 players and other electronic devices
- Job site durability - rugged designed with impact resistant lens to withstand abusive job site conditions
- 4 light settings - provides 700 Lumens on High & Strobe (100%), 350 Lumens on Medium (50%), 70 Lumens on Low (10%)
- 2 hooks for hanging
- Protected against splashing water at all angles (IP24)

	M18 LL-0
Battery pack capacity (Ah)	–
No. of batteries supplied	0
Charger supplied	–
System	M18
Battery compatibility	All Milwaukee® M18™ batteries
Bulb type	LED
Max. light output High/Medium/Low/Strobe (Lumens)	700 / 350 / 70 / 700
Max. run time with M18 B5 battery (h)	10 / 20 / 100 / 16
Beam distance (m)	29
Weight with battery pack (kg)	1.4
Supplied in	–
Article Number	4932430563

M18 IL

M18™ LED INSPECTION LIGHT

- TRUEVIEW™ high definition lighting
- Three LED design with 2 light settings provides 300 Lumens on High and 130 Lumens on Low setting
- Pivoting 45° forward & backward head allows for 180° coverage2 adjustable metal hooks for hanging in vertical and horizontal position
- Thanks to its compact design it operates in locations other lights cannot
- Protected against splashing water at all angles (IP24)

	M18 IL-0
Battery pack capacity (Ah)	–
No. of batteries supplied	0
Charger supplied	–
System	M18
Battery compatibility	All Milwaukee® M18™ batteries
Bulb type	LED
Max. light output High/Medium/Low/Strobe (Lumens)	300 / - / 130 / -
Max. run time with M18 B5 battery (h)	17 / - / 36 / -
Weight with battery pack (kg)	1.2
Supplied in	–
Article Number	4932430564

RADIOS & SPEAKERS

C12 JSR

M12™ SUB COMPACT RADIO WITH MP3 PLAYER CONNECTION

- Advanced technology tuner for high reception and clarity
- Powers from either M12™ battery or 230 V mains supply
- At least 8 hour run time on a M12™ Milwaukee® battery
- Weather sealed auxiliary compartment protects Mp3 players and other audio devices
- Digital display tuner for accurate signal selection
- Mute button for instant volume kill
- 220 - 240 V power adapter, 3.5 mm jack plug for auxiliary connection, i.e: iPods

	C12 JSR-0
Voltage (DC) (V)	12
Voltage (AC) (V)	220-240
Battery type	Li-ion
Battery pack capacity (Ah)	–
No. of batteries supplied	0
Charger supplied	–
Dimensions (mm)	267 x 102 x 178
Weight (kg)	1.8
Supplied in	–
Article Number	4933416365

M12 JSSP

M12™ JOBSITE BLUETOOTH® SPEAKER

- Advanced technology Bluetooth® jobsite speaker
- Connect wirelessly with portable electronic devices from up to 10 m away
- Loud, clear sound at all volumes
- Premium speaker with bass port
- Drop, water and debris resistant to withstand tough conditions on and off the jobsite
- Rugged over mould, metal speaker grill
- 2.1 A USB charger, charges phones, tablets and media players
- Up to 25 hrs run time per charge with M12™ 4.0 Ah battery

	M12 JSSP-0
Battery pack capacity (Ah)	–
No. of batteries supplied	0
Charger supplied	–
Dimensions (mm)	105.5 x 153
Speaker output (W)	5
Weight (kg)	0.5
Supplied in	–
Article Number	4933448380

M12-18 JSSP

M12™ - M18™ BLUETOOTH® SPEAKER

- Advanced technology Bluetooth® jobsite speaker
- Bluetooth® wireless range of up to 30 m
- Flexible battery system: works with all Milwaukee® M12™ & M18™ batteries
- IP54 rated, water and debris resistant to withstand tough conditions on and off the jobsite
- Loud, clear sounds at all volumes
- 2.1A USB charger, charges phones, tablets and media players
- Premium speaker with bass port

	M12-18 JSSP-0
Battery pack capacity (Ah)	–
No. of batteries supplied	0
Charger supplied	–
Dimensions (mm)	360 x 165 x 165
Speaker output (W)	40
Weight with battery pack (kg)	2.3
Supplied in	–
Article Number	4933459275

M18 JSR

M18™ JOBSITE RADIO

- High performance audio system - AM/FM tuner with digital processor delivers highest reception accuracy and signal clarity
- Dual speaker with passive radiators - deliver loud, clear sound with deep, accurate bass
- Customizable equalizer for enhanced sound quality and 10-station preset
- Shock absorbing end caps and metal speaker grills - protect from drops, water and debris on the jobsite
- Integrated handles - allow for easy transport and storage
- Powered by Milwaukee® M18™ batteries or AC outlet. Up to 12 hours of runtime with an M18™ REDLITHIUM-ION™ 5.0 Ah battery pack
- Weather sealed device compartment protects mobile devices
- Protected 2.1 A USB power outlet - charges electronic devices in both AC and DC mode

	M18 JSR-0
Voltage (DC) (V)	18
Voltage (AC) (V)	220 - 240
Battery type	Li-ion
Battery pack capacity (Ah)	–
No. of batteries supplied	0
Charger supplied	–
Tuning range AM (kHz)	522 - 1629
Tuning range FM (MHz)	87.50 - 108.00
Dimensions (mm)	402 x 197 x 197
Weight with battery pack (kg)	4.9
Supplied in	–
Article Number	4933451250

M18 JSR DAB+

M18™ JOBSITE RADIO DAB+

- High performance audio system - DAB+/FM tuner with digital processor delivers highest reception accuracy and signal clarity
- DAB+ gives best sound quality and additional information like: song, artist and accurate time
- Dual speaker with passive radiators - deliver loud, clear sound with deep, accurate bass
- Customisable equalizer for enhanced sound quality and 10-station preset
- Shock absorbing end caps and metal speaker grills - protect from drops, water and debris on the jobsite
- Integrated handles - allow for easy transport and storage
- Powered by Milwaukee® M18™ batteries or AC outlet. Up to 12 hours of runtime with an M18™ REDLITHIUM-ION™ 5.0 Ah battery pack
- Weather sealed device compartment protects mobile devices
- Protected 2.1 A USB power outlet - charges electronic devices in both AC and DC mode
- Supplied with auxiliary input cord, 2 x AAA batteries. Milwaukee® batteries sold separately

	M18 JSR DAB+-0
Voltage (DC) (V)	18
Voltage (AC) (V)	220 - 240
Battery type	Li-ion
Battery pack capacity (Ah)	–
No. of batteries supplied	0
Charger supplied	–
Tuning range AM (kHz)	–
Tuning range FM (MHz)	87.50 - 108
Tuning range DAB+ (MHz)	174.928 - 239.20
Dimensions (mm)	402 x 197 x 197
Weight with battery pack (kg)	4.9
Supplied in	–
Article Number	4933451251

M18 RC

M18™ JOBSITE RADIO/CHARGER

- Built in charger function allows for quick, convenient charging of any M18™ battery or electronic devices via USB port
- Digital Bluetooth® receiver: play music up to 30 m away from your smartphone, computer, or tablet
- AC/DC versatility: powered by Milwaukee® M18™ batteries, or 230 V mains supply
- Exclusive AM/FM tuner with digital processor delivers highest reception accuracy and signal clarity
- Premium speaker and 40 W amplifier produce rich, full sound
- Weather sealed auxiliary compartment protects Mp3 players and other audio devices
- Reinforced roll cage and metal handles protects against abusive jobsite conditions
- Customisable equalizer and 10-station preset
- Protected 2.1 Amp USB power outlet charges devices in both AC and DC mode
- Supplied with auxiliary input cord, 2 x AAA batteries. Milwaukee® batteries sold separately

	M18 RC-0
Voltage (DC) (V)	18
Voltage (AC) (V)	220 - 240
Battery type	Li-ion
Battery pack capacity (Ah)	–
No. of batteries supplied	0
Charger supplied	–
Dimensions (mm)	300 x 307 x 370
Speaker output (W)	40
Weight (kg)	7.7
Supplied in	–
Article Number	4933446639

BATTERIES & CHARGERS

CHARGERS

		System	Charging range	Charging time	Battery pack capacity (Ah)	For battery type NiCd	For battery type NiMH	For battery type Li-Ion	Article Number
1.	M4 C	M4	4 V	30 min	2.0	–	–	Yes	4932352958
2.	C12 C	M12	12 V	40/70/80/130 min	2.0, 3.0, 4.0 & 6.0	–	–	Yes	4932352000
3.	M12 C4	M12	12 V	40/70/80/130 min	2.0, 4.0 & 6.0	–	–	Yes	4932430554
4.	M12-18C	M12,M14,M18	12 - 18 V	40/80/100/124/180 min	2.0, 4.0, 5.0, 6.0 & 9.0	–	–	Yes	4932352959
5.	M12-18 FC	M12,M14,M18	12 - 18 V	26/47/59/68/95 min	2.0, 4.0, 5.0, 6.0 & 9.0	–	–	Yes	4932451079
6.	M12-18 AC	M12,M14,M18	12 - 18 V	40/80/100/124/180 min	2.0, 4.0, 5.0, 6.0 & 9.0	–	–	Yes	4932459205
7.	M1418 C6	M14,M18	14.4 V - 18 V	40/80/100/124/180 min	2.0, 4.0, 5.0, 6.0 & 9.0	–	–	Yes	4932430086
8.	M28 C	M28	28 V	60/90 min	3.0 & 5.0	–	–	Yes	4932352524

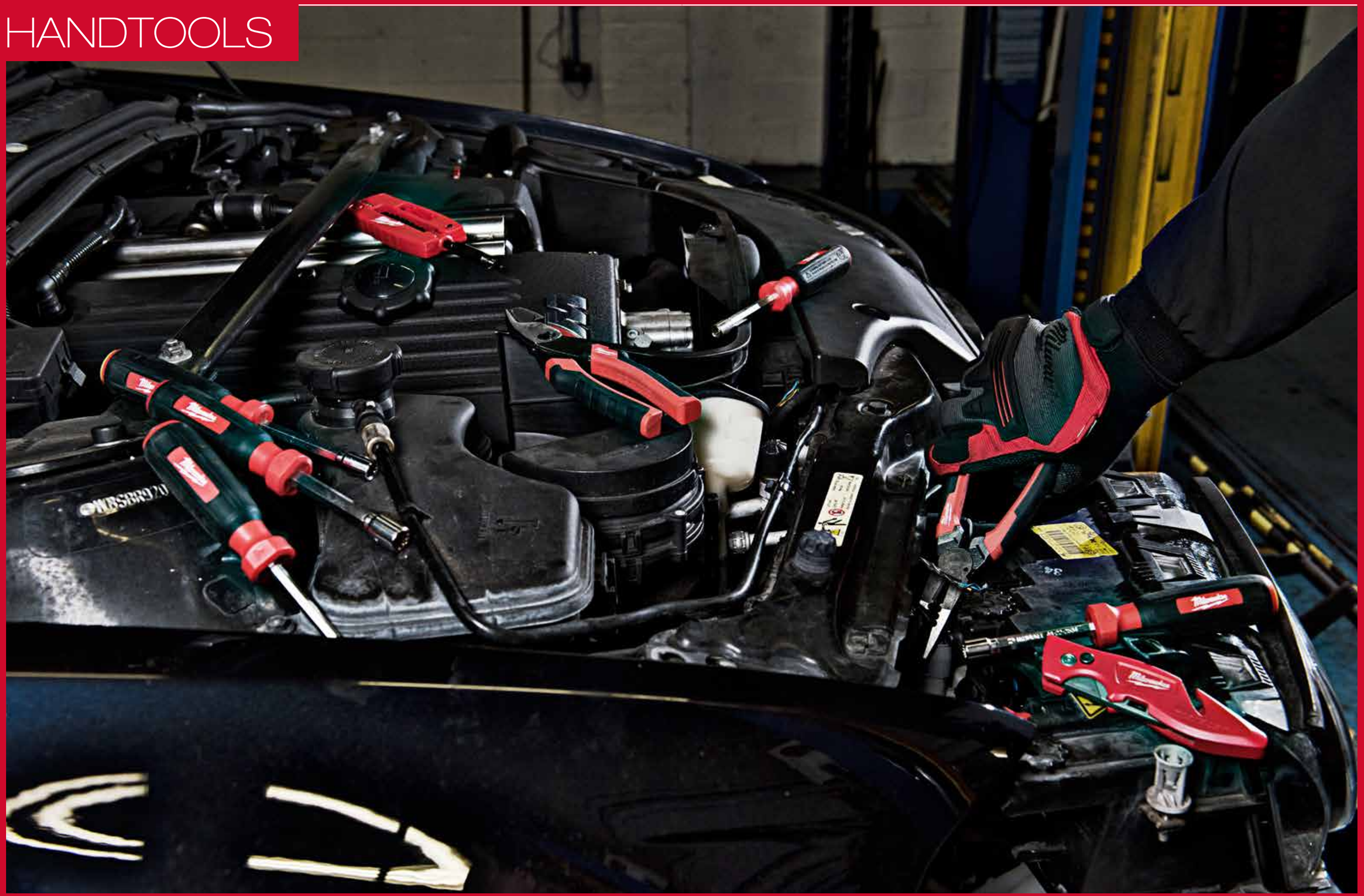
M12™ BATTERIES

		System	Battery type	Battery pack capacity (Ah)	Voltage (V)	Article Number
1.	M12 B2	M12	Li-ion	2.0	12	4932430064
2.	M12 B3	M12	Li-ion	3.0	12	4932451388
3.	M12 B4	M12	Li-ion	4.0	12	4932430065
4.	M12 B6	M12	Li-ion	6.0	12	4932451395

M18™ BATTERIES

		System	Battery type	Battery pack capacity (Ah)	Voltage (V)	Article Number
1.	M18 B2	M18	Li-ion	2.0	18	4932430062
2.	M18 B4	M18	Li-ion	4.0	18	4932430063
3.	M18 B5	M18	Li-ion	5.0	18	4932430483
4.	M18 B6	M18	Li-ion	6.0	18	4932451244
5.	M18 B9	M18	Li-ion	9.0	18	4932451245

HANDTOOLS



PRO COMPACT TAPE MEASURES

- Improved ergonomics and comfortable size.
- Jobsite durability.
- 5 Point reinforced housing.
- 2G nylon coated blade protection.
- Improved tape tear and flexibility.
- Withstands 3 m drop test.
- Non magnetic.
- Heavier font on measurements for better readability.
- Smaller compact hook design.
- Back rest for easy vertical measuring.
- Improved belt clip: more pocket friendly.

	Pro compact tape measure C3/16	Pro compact tape measure C5/19	Pro compact tape measure C5/25	Pro compact tape measure C8/25	Pro compact tape measure C5-16/25	Pro compact tape measure C8-26/25
Length (m)	3	5	5	8	5 / 16˝	8 / 26˝
Blade width (mm)	16	19	25	8	25	25
Article Number	4932459591	4932459592	4932459593	4932459594	4932459595	4932459596

PREMIUM MAGNETIC TAPE MEASURES

- Patented finger stop: stable when stands alone.
- Compact and ergonomic design.
- Improved, more compact hook for better side marking and scale visibility.
- Improved belt clip: more pocket friendly.
- Nylon non-reflective bond blade protection, up to 10x more resistant to jobsite damage.
- 27 mm blade with double sided printing on tape for easier readability.
- Strong double magnet at start of the tape allows easy hooking onto flat surfaces and round pipe.
- Architect scale provides easy calculating of scaled drawings.
- 5-point reinforced frame for jobsite durability.
- Class II accuracy.

	5 m metric	8 m metric	10 m metric	5 m / 16 ft metric & imperial	8 m / 26 ft metric & imperial
Length (m)	5	8	10	5 / 16'	8 / 26'
Article Number	48227305	48227308	48227310	48227216	48227225

TAPE MEASURES COMPACT LINE

- Nylon coating blade protection against debris, dirt and water.
- ABS inner housing with stainless steel case for jobsite durability and best high and low temperature resistance.
- 4-point reinforced frame prevents the top of the tape measure from splitting open when dropped.
- Shock absorbing blade return bumper for improved blade and spring life.
- High quality hook with 2 rivets for precise measurements.
- Overmolded TPR (thermoplastic rubber) gripping area for extra comfort and durability.
- Ergonomic compact design.
- Class II accuracy.
- Orders are only possible in master cartons (with 12 or 6 tapes depending on sku) Minimum order quantity is 6 or 12 depending on sku.

	C3 / 16	C5 / 19	C5 / 25	C8 / 25	C5-16 / 25	C8-26 / 25
Length (m)	3	5	5	8	5 m / 16'	8 m / 26'
Blade width (mm)	16	19	25	25	25	25
Article Number	4932451637	4932451638	4932451639	4932451640	4932451641	4932451642

INKZALL™ MARKERS

- Stays sharp, doesn't mushroom or push back under pressure.
- Acrylic nib ideal for rough surfaces such as OSB and concrete.
- Marker continues to write after 72+ hours of cap off time.
- For use on concrete, wood, metal, plywood, OSB, plastic.
- Can be used on wet, oily, dusty, rusty, with debris surfaces.
- Quick dry time – reduced smearing markings on PVC, metal surfaces.
- Thin body for use in restricted areas.
- Helmet clip – can be clipped to the construction site cap, trousers, overalls.
- Easy open cap for one hand operation.
- Lanyard Hole
- Anti-Roll design - won't roll off surfaces.
- Fine tip* - Orders are only possible in master cartons (contains 36 x 48223100). Minimum order quantity is 36 pcs (= 1 master carton). Order quantities greater than 36 pcs are to be ordered in multiples of 36 pcs (i.e. 72, 108, 144, 180...).

	Fine point marker	Chisel point marker	Fine tip colour marker
Colour	Black	Black	Blue, red, green and black
Article Number	48223100	48223103	48223106

INKZALL™ MARKERS WITH STYLUS

- Stays sharp, doesn't mushroom or push back under pressure.
- Acrylic nib ideal for rough surfaces such as OSB and concrete.
- Marker continues to write after 72+ hours of cap off time.
- For use with gloves on iPads, iPhones, tablets, and touch phones.
- For use on concrete, wood, metal, plywood, OSB, plastic.
- Can be used on wet, oily, dusty, rusty, with debris surfaces.
- Quick dry time – reduced smearing markings on PVC, metal surfaces.
- Thin body for use in restricted areas.
- Helmet clip – can be clipped to the construction site cap, trousers, overalls.
- Easy open cap for one hand operation.
- Lanyard Hole, e.g. to attach the pen to the touch screen device.
- Anti-Roll design - won't roll off surfaces.

	Fine point marker with stylus
Colour	Black
Article Number	48223101

INKZALL™ LIQUID PAINT MARKERS

- Valve action marker
- Durable acrylic nib for the most demanding environmental conditions: surface temperature from -10° up to + 145°
- Marks on dark surfaces where traditional markers would not be easily visible
- Can be used on rough, dirty and greasy surfaces
- For use on concrete, black pipe, aluminium, PVC, steel & stainless steel, rubber and tyres
- 10 seconds dry time
- Water and UV resistant markings
- Permanent markers. Markings last up to 6 months
- Metal barrel for construction site durability
- Xylene-free paint
- IMPORTANT: Shake the marker with the cap on. Remove the cap and carefully pump it up and down until ink flows into the nib

	INKZALL™ Yellow Liquid Paint Marker	INKZALL™ White Liquid Paint Marker	INKZALL™ Black Liquid Paint Marker
Colour	Yellow	White	Black
Article Number	48223721	48223711	48223731

INKZALL™ HIGHLIGHTERS

- Durable tip stays sharp longer.
- No smearing, doesn't bleed through.
- Non-toxic ink, ASTM D 4236 certification.
- Ideal for architectural drawings, labels, office paper.
- Anti-roll body design for better grip on smooth surfaces.
- Construction helmet clip: the INKZALL™ highlighters can be clipped to the helmet, trousers, overalls, etc.
- Lanyard hole, e.g. to attach the INKZALL™ highlighters to the belt.

	INKZALL™ highlighter - yellow	INKZALL™ highlighter - coloured
Article Number	48223201	48223206

INKZALL™ FINE TIP MARKERS

- Approx. 0.6 mm tip
- Clog resistant
- Main applications: marking of labels for electrical wires, adding comments to architect plans

	INKZALL™ fine tip marker.	INKZALL™ Fine tip black pen.	INKZALL™ Fine tip colour pen.
Article Number	48223154	48223164	48223165

FASTBACK™ FLIP UTILITY KNIFE

- One handed blade opening. User can flip open the blade with one hand for easy activation.
- Integrated gut hook. Allows users to make cuts without exposing the blade.
- Tool free blade change. Less down time in the field for blade changes.
- Wire stripper. Eliminates the need to look for another tool in user's bag.
- Thin body design. Tool is easily stored in user's pocket.
- Belt clip for easy storage.

	FASTBACK™ knife
Article Number	48221901

FASTBACK™ FLIP UTILITY KNIFE WITH BLADE STORAGE

- One handed blade opening. User can flip open the blade with one hand for easy activation.
- Integrated gut hook. Allows users to make cuts without exposing the blade.
- Tool free blade change. Less down time in the field for blade changes.
- Wire stripper. Eliminates the need to look for another tool in user's bag.
- Thin body design. Tool is easily stored in user's pocket.
- Belt clip for easy storage.
- Storage for 4 extra blades.
- 45° lock for easy access of tight spaces.

	FASTBACK™ flip utility knife with blade storage
Article Number	48221903

FASTBACK™ COMPACT FLIP UTILITY KNIFE

- Press and flip one-handed opening provides fast access to the blade.
- Tool-free blade change allows the user to quickly and easily insert a new blade.
- Compact, lightweight design permits easy carry in the user's pocket.
- Belt clip for easy storage.
- Lanyard hole to secure against loss.
- Accepts standard blades.

	Fastback™ compact flip utility knife
Article Number	48221906

SNAP KNIVES

- Metal lock* for maximum durability and longer lifetime.
- Lock with a speed thread* that allows faster blade adjustment.
- Auto-lock slide** for faster blade adjustment.
- Snap-off cap pocket clip** snaps off blade segments.
- Overmolded handle offers a slip resistant grip and is an acetone resistant.
- Iron carbide blade for longer lifetime, increased sharpness and clean cut finish.
- * 18 mm / 25 mm snap knives
- ** 9 mm snap knives

	Snap knife 9 mm	Snap knife 18 mm	Snap knife 25 mm
Blade width (mm)	9	18	25
No. blade points	13	8	7
Article Number	48221960	48221961	48221962

FOLDING JABSAW

- Tool free blade change - change blades up to 10x faster.
- Folding blade - easier and safer storage.
- Rubber overmould grip - increased comfort.
- Accepts all Sawzall® blades - increased versatility.
- Supplied with 18 TPi , 150 mm blade.

	Folding jabsaw
Article Number	48220305

HACKSAW

- Tough metal frame, supports higher tension (25,000 PSi / 250 lbs).
- Overmould handle ensures secure grip and user comfort.
- Internal blade storage for extra blades.
- Supplied with 12˝ / 24 Tpi blade.
- Will accept up to 12˝ blades.

	Hacksaw
Article Number	48220050

COMPACT HACKSAW

- Tool free blade change for changing blades up to 10x faster.
- Compact design, ideal for versatile cutting in tight spaces.
- Adjustable blade length for easier flush cutting.
- Rubber overmould grip for increased comfort.
- Accepts 12˝ blades.
- Supplied with 10˝ / 24 Tpi blade.

	Compact Hacksaw
Article Number	48220012

LONG NOSE PLIERS

- Long nose pliers: specially suitable for gripping, bending and adjusting in restricted areas.
- Wire cutter: cuts wire up to 2.5 mm.
- Deburrer: deburring ribs on head for up to 20 mm pipe. No need for extra tools.
- Nail puller
- Serrated jaws for better grip and excellent control.
- Laser hardened durable cutting edges. Extra hardened to 64 HRC.
- Made from Chrome Vanadium for best durability and good rust protection.
- Ergonomic and durable overmoulded grips add comfort and last longer.

	Long nose pliers
Total length (mm)	210
Cut cap. in hard wire (mm)	2.5
Cutting capacity in medium wire (mm)	2.5
Cable diameter (mm)	6.0
Jaw length (mm)	51
Weight (g)	255
Deburring head max. Ø (mm)	18
Article Number	48226101

DIAGONAL PLIERS

- For all around cutting use.
- Tip protection – tips are off set ground to protect cutting edges from damage when dropped.
- High leverage design – long handles for maximum cutting power and leverage.
- Deburrer – Deburring ribs on head for up to 25 mm pipe. No need for extra tools.
- 15° offset head allows flush cutting, can be used as a nail puller for easier and quicker prying and pulling.
- Laser hardened durable cutting edges. Extra hardened to 64 HRC. Cuts wire, bolts, screws and nails.
- Made from forged alloy Chrome Vanadium steel for best durability and good rust protection.
- Ergonomic and durable overmoulded grips add comfort and last longer.

	Diagonal cutting pliers 160 mm	Diagonal cutting pliers 180 mm
Total length (mm)	160	180
Cutting capacity in medium wire (mm)	2.5	3.0
Cut cap. in hard wire (mm)	2.5	3.0
Cutting capacity soft wire (mm)	4.0	4.0
Jaw length (mm)	22	26
Article Number	48226106	48226107

CABLE CUTTER

- Best-in-class cut quality: beveled jaw heads. Accurate, smooth cable shearing.
- Comfort grips: more comfortable than dipped plastic. Grips will not peel.
- Forged design: tool durability in abusive environments.
- Rust protection: black oxide finish protects from rust.

	Cable cutter
Total length (mm)	200
Article Number	48226104

NIPPING PLIERS

- Iron carbide edge: longer blade life.
- Comfort grips: more comfortable than dipped plastic. Grips will not peel.
- Smooth head. Will not mark surface duing pull / pry applications.
- Forged design: tool durability in abusive environments.
- Rust protection: black oxide finish protect from rust.

	Nipping pliers
Length (mm)	180
Article Number	48226407

ADJUSTABLE WRENCHES

- Precision adjustment screw with accurate threads and tight tolerances. The jaws won't back off during use.
- Chrome plating for best-in-class rust protection and increased durability.
- Ergonomic rounded handle design for a comfortable fit in the hand and less pressure points on the palm.
- Slim head design for reaching into tight spaces.
- Parallel jaws won't slip or damage finish surfaces.
- Permanent lasered inch and mm markings for accurate adjustment.
- 8˝ adjustable wrench (48227508) has an extra wide jaw of 38 mm for increased jaw capacity in confined environments.
- Lanyard hole.

	6˝ adjustable wrench.	8˝ adjustable wrench.	8˝ adjustable wrench.	10˝ adjustable wrench.	12˝ adjustable wrench.	15˝ adjustable wrench.	Adjustable wrench twin pack.
Total length (mm)	150	200	200	250	300	380	150 & 200
Article Number	48227406	48227408	48227508	48227410	48227412	48227415	48227400

TORQUE LOCK™ LOCKING PLIERS

- TORQUE LOCK™: Faster set up and easy release when clamping flat and round material. Extra force can be applied to the TORQUE LOCK™ screw for better and more secure grip. Can also be used for hanging / storage purposes.
- Hardened jaws: better grip force on jobsite material.
- Rust protection: chrome plated tool increases life by reducing corrosion.
- Lever release design: traditional release lever for jobsite convenience.
- MAXBITE™ pliers have special jaw geometry for maximum grip.

	7˝ TORQUE LOCK™ MAXBITE™	10˝ TORQUE LOCK™ MAXBITE™	5˝ TORQUE LOCK™ curved jaw	7˝ TORQUE LOCK™ curved jaw	10˝ TORQUE LOCK™ curved jaw	10˝ TORQUE LOCK™ straight jaw	4˝ TORQUE LOCK™ long nose	6˝ TORQUE LOCK™ long nose	9˝ TORQUE LOCK™ long nose
Total length (mm)	170	250	127	170	250	250	100	150	230
Total length (inch)	7	10	5	7	10	10	4	6	9
Jaw type	Maxbite™	Maxbite™	curved	curved	curved	flat	flat long nose	flat long nose	flat long nose
Jaw capacity flat (mm)	–	–	–	–	-	30	42	52	76
Jaw opening capacity for pipe (mm)	38	50	26	38	51	-	–	–	–
Article Number	48223607	48223610	48223422	48223421	48223420	48223510	48223504	48223506	48223509

TORQUE LOCK™ SEAMER

- TORQUE LOCK™: Faster set up and easy release when clamping flat material. Extra force can be applied to the TORQUE LOCK™ screw for better and more secure grip. Can also be used for hanging / storage purposes.
- Hardened jaws: better grip force on jobsite material.
- Rust protection: chrome plated tool increases life by reducing corrosion.
- Lever release design: traditional release lever for jobsite convenience.
- The seamer makes all kinds of bendings, forming, crimping tasks with ease.
- It is ideal for holding sheet metal parts.

	TORQUE LOCK™ seamer
Total length (mm)	200
Total length (inch)	8
Jaw capacity flat (mm)	42
Article Number	48223540

TORQUE LOCK™ LOCKING C CLAMPS

- TORQUE LOCK™: Faster set up and easy release when clamping flat and round materials for welding. Extra force can be applied to the TORQUE LOCK™ screw for better and more secure grip. Can also be used for hanging / storage purposes.
- Hardened jaws: better grip force on jobsite material.
- Rust protection: chrome plated tool increases life by reducing corrosion.
- Lever release design: traditional release lever for jobsite convenience.

	9˝ deep reach clamp with regular jaws	18˝ deep reach clamp with regular jaws	11˝ hand clamps with regular pads	18˝ C clamp with regular jaws	9˝ deep reach clamp with swivel jaws	11˝ hand clamps with swivel pads	18˝ C clamp with swivel jaws
Total length (mm)	230	480	280	480	230	280	480
Total length (inch)	9	18	11	18	9	11	18
Jaw type	Deept Reach regular pointed pads	Deept Reach regular pointed pads	Regular pointed pads	Regular pointed pads	Deep Reach swivel pads	Swivel pads	Swivel pads
Jaw capacity flat (mm)	114	170	90	170	114	100	170
Article Number	48223533	48223529	48223531	48223530	48223523	48223521	48223520

TORQUE LOCK™ CHAIN WRENCH

- TORQUE LOCK™: Faster set up and easy release when clamping round material. Extra force can be applied to the TORQUE LOCK™ screw for better and more secure grip. Can also be used for hanging / storage purposes.
- Rust protection: chrome plated tool increases life by reducing corrosion.
- Lever release design: traditional release lever for jobsite convenience.
- Locking chain wrench holds and locks around any shape object.
- It adjusts quickly for ratchet action in either direction.

	TORQUE LOCK™ chain wrench
Total length (mm)	270
Total length (inch)	9
Jaw opening capacity for pipe (mm)	79
Article Number	48223542

METAL SNIPS

- Thumb and forefinger slots for increased comfort and less fatigue. Allows user to push through sheet metal with ease with less risk of cutting oneself.
- Serrated cutting edges prevent slippage when cutting.
- Less hand fatigue when cutting thicker materials. Design with compound leverage action.
- Torsion spring opens jaws automatic during cutting for faster cutting action and less fatigue work.
- Chrome plated rust protected forged blades for increased lifetime. Extra hardened to 65 HRC.
- Made from forged alloy steel for best durability – Cr Steel.
- One hand locking mechanism.
- Flush slimline design for non-snagging in material.
- Triple cutting direction identification – on the head, handle and by colour coded handle.
- Ergonomic and durable overmoulded grips add comfort and last longer.
- Aviation snips: For short, straight and shaped cuts. Ideal for narrow radius cuts and notch cuts.

	Metal snips straight	Metal snips right	Metal snips left	Metal snips straight offset	Metal snips right offset	Metal snips left offset	Metal snips straight extra long	Metal snips left extra long
Cutting direction	Straight (yellow)	Right (green)	Left (red)	Straight (yellow)	Right (green)	Left (red)	Straight (yellow)	Left (offset)
Total length (mm)	260	260	260	260	260	260	310	290
Edge length (mm)	31	31	31	37	30	30	76	63
Max. cutting capacity aluminium (mm)	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Max. cutting capacity steel (mm)	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Max. cutting capacity stainless steel (mm)	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Article Number	48224030	48224020	48224010	48224032	48224022	48224012	48224037	48224038

JOBSITE SCISSORS

- Iron carbide cutting edge for maximum durability. Longer lifetime vs. stainless steel.
- Chrome plated blades for maximum rust protection.
- All metal core: full metal handle construction to protect from drops and handle breakage.
- Bolt lock technology protects blades from loosening to ensure precise cutting.
- Large handle loops for use with gloves.
- Index finger groove for more comfort.
- Laser edged ruler markings on the blade allows to measure and cut in one go.
- Jobsite offset scissors with micro-serrated blades for maximum durability and better grip.
- Jobsite offset scissors with 60°-offset head allows to keep hand above cutting material.

	Offset scissors	Straight scissors
Total length (mm)	240	230
Blade length (mm)	115	95
Article Number	48224043	48224044

HOLLOWCORE™ MAGNETIC NUT DRIVERS

- Hollowcore™ unlimited depth in long bolts and threaded rod applications (patent pending).
- Magnetic retention driver heads for secure fitment in fastening applications.
- NEW TO WORLD universal driver head fits 4 x more fasteners - square, 12 point, 8 point, Hex.
- Removes rusted and stripped bolts.
- Colour coded ID markings allow for quick tool identification on jobsite.
- Wrench ready Hex shanks deliver additional leverage.
- Chrome plated for maximum durability.
- Forged steel shanks provide longer life and more durability“

	Screwdriver Hex 5 mm	Screwdriver Hex 5.5 mm	Screwdriver Hex 6 mm	Screwdriver Hex 7 mm	Screwdriver Hex 8 mm	Screwdriver Hex 10 mm	Screwdriver Hex 13 mm
Size (mm)	5	5.5	6	7	8	10	13
For anchor rod thread size		M3	M3.5	M4	M5	M6	M8
Colour code	Black	Brown	Red	Orange	Yellow	Blue	Orange
Article Number	48222531	48222532	48222533	48222534	48222535	48222536	48222537

10 IN 1 RATCHET MULTI-BIT SCREWDRIVER

- Ergonomic 152 mm long screwdriver with 1/4" Hex nut driver (in reception) and built in wire stripper and loop maker.
- Full metal high torque ratchet for 2 x driving speed and control.
- 88 mm long power groove bits, power tool compatibility.
- Precision hardened bit tips: durable driving tips for secure fitment and long life.
- Revolver style bit storage in handle.
- Chrome plated marine grade rust protected bits.

	10 in 1 Ratchet Multi-Bit screwdriver - universal	10 in 1 Ratchet Multi-Bit screwdriver - Hex
Contents	PH1 / PH2 / PZ1 / PZ2 / TX15 / TX20 / Slotted 0.8 x 5.5 mm.	Hex 1.5 mm / Hex 2 mm / Hex 2.5 mm / Hex 3 mm / Hex 4 mm / Hex 5 mm / Hex 6 mm
Pack quantity	1	1
Article Number	48222311	48229306

DEMOLITION GLOVES

- Armortex® reinforced palms and finger tips. Increased durability and hand protection.
- Smartswipe™ Knuckle. Capacitive knuckle allows to use touch screen devices without removing gloves or using dirty fingertips.
- Breathable tri-cot lining. Provides ultimate comfort and breathability.
- Knuckle protection. TPR pad provides knuckle protection.
- Terry cloth thumb. Built in sweat/brow wipe.
- Hook & Loop closure for secure fit.
- Fulfill the requirements of CE Category 2, EN 420 and EN 388 – 2221.

	Size 8 / M	Size 9 / L	Size 10 / XL	Size 11 / XXL
Size	M	L	XL	XXL
Article Number	48229731	48229732	48229733	48229734

FINGERLESS GLOVES

- Designed to provide ultimate dexterity when handling small objects.
- Reinforced palm and thumb seam.
- Lightweight, breathable backing.
- Moisture wicking lining provides all day comfort.
- Built-in sweat wipe.
- Hook & Loop closure for secure fit.
- Fulfill the requirements of CE Category 2, EN 420 and EN 388

	Size 8 / M	Size 9 / L	Size 10 / XL	Size 11 / XXL
Size	M	L	XL	XXL
Article Number	48229741	48229742	48229743	48229744

FREE-FLEX WORK GLOVES

- SMARTSWIPE™ knuckle, palm and fingertips.
- Flexible and elastic gloves.
- Lightweight, breathable backing.
- Reinforced thumb seam.
- High dexterity finger tips.
- Built-in sweat wipe.
- Fulfill the requirements of CE Category 2, EN 420 and EN 388

	Size 8 / M	Size 9 / L	Size 10 / XL	Size 11 / XXL
Size	M	L	XL	XXL
Article Number	48229711	48229712	48229713	48229714

JOBSITE BACKPACK

- Durable construction, made from 1680D ballistic nylon.
- Hard moulded base allows bag to stand-up and provides ultimate all-weather protection.
- Padded, breathable straps for ultimate comfort and jobsite performance.
- Large storage - 35 pockets in total.
- Fold down front pocket for easier access and storage of larger items. Side water bottle pocket.
- Vertical tool wall maximises storage space while allowing for bulk storage space.
- Laptop pocket allows protected storage for laptops/tablets and personal goods.
- Exterior daisy chains allow clip on storage.

	Jobsite backpack
Article Number	48228200

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Galati, 0749 203 585

office350@universalconstruct.ro

www.universalconstruct.ro

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