

PRO2000



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IMPACT WRENCHES



3/8" IMPACT WRENCH, W2210A

W2210A is a handy, reversible nutrunner. It features built-in torque regulation and can handle bolt sizes up to M14. The handle of the W2210A has been designed for comfortable and easy operation. This makes the tool pleasant to work with even in confined spaces, for example in the repair of gear boxes.

1/2" IMPACT WRENCH, W2213B

A strong, rugged and well balanced tool for bolt sizes up to M18 when using bolt grade 8/8. The handle of the W2213B has been designed for comfortable and easy operations. The exhaust air is directed downwards through the handle. The W2213B is reversible and has built-in torque regulation.

3/4" IMPACT WRENCH, W2219

W2219 is a well-balanced, powerful, reversible nutrunner, with adjustable torque. W2219 has the capacity for heavier-than-average jobs, and can tackle bolts up to size M22.

1" IMPACT WRENCH, W2225C

A very powerful reversible nutrunner with adjustable torque. It can handle bolts up to size M30, enough to cope with wheel changes on construction machines and other larger vehicles. The exhaust air is directed downwards through the handle. W2225C comes with a support handle for easier working. A wide range of torsion bars are available as optional accessories.

TECHNICAL DATA

Model Ordering No.	W2210A 8434 1244 31	W2213B 8434 1244 60	W2219 8434 1244 37	W2225C 8434 1244 54
Square drive.	3/8" (10 mm)	1/2" (12.7 mm)	3/4" (19 mm)	1" (25.4 mm)
Capacity.	M14	M18	M22	M30
Max torque.	180 Nm ^{a)}	350 Nm ^{a)}	650 Nm ^{a)}	1600 Nm ^{a)}
Speed.	9000 r/min	8300 r/min	3800 r/min	3800 r/min
Weight.	1.7 kg	2.4 kg	5.1 kg	10.1 kg
Vibration level.	< 2.5 m/s ²	3.4 m/s ²	3.3 m/s ²	3.6 m/s ²
Sound level.	93 dB(A)	88 dB(A)	91 dB(A)	92 dB(A)
Air consumption.	8.7 l/s	8.7 l/s	12.2 l/s	19.9 l/s
Suitable air hose.	10 mm (3/8")	10 mm (3/8")	10 mm (3/8")	13 mm (1/2")
Air inlet thread.	1/4" BSP	1/4" BSP	1/4" BSP	3/8" BSP

^{a)}After 5 seconds tightening

Optional accessories for W2213B



Hexagon socket set for 1/2" square drive
Content: 13, 16, 17, 18, 19, 21, 22, 24 mm
Ordering No. 4112 0607 80



Protective cover
Ordering No. 4112 0817 00

Extended anvil, length 50 mm
Ordering No. 4112 0630 90

Optional accessories for W2225C

Extended anvil, length 143 mm
Ordering No. 4112 0830 80



Locking pin and o-ring sets for 3/4" and 1" power sockets

Optional accessories for W2219

Extended anvil, length 152 mm
Ordering No. 4112 0395 90

Ref letter	Ordering No.
A	4026 5000 92
B	4026 5000 90

POWER SOCKETS FOR IMPACT AND RATCHET WRENCHES

Model		W2210A	W2213B	W2219	W2225C
Width across flats	For bolt Ø mm	Square drive 3/8"	Square drive 1/2"	Square drive 3/4"	Square drive 1"
mm		Ordering No.	Ordering No.	Ordering No.	Ordering No.
10	M6	4026 0910 00	4026 1210 00		
11	M6	4026 0911 00	4026 1211 00		
12	M8	4026 0912 00	4026 1212 00		
13	M8	4026 0913 00	4026 1213 00		
14	M8	4026 0914 00	4026 1214 00		
16	M10	4026 0916 00	4026 1216 00		
17	M10	4026 0917 00	4026 1217 00		
18	M12	4026 0918 00	4026 1218 00	4026 1918 00 B*	
19	M12	4026 0919 00	4026 1219 00	4026 1919 00 B*	
21	M14		4026 1221 00	4026 1921 00 B*	
22	M14		4026 1222 00	4026 1922 00 B*	
24	M16		4026 1224 00	4026 1924 00 B*	4026 2524 00 A*
27	M18		4026 1227 00	4026 1927 00 B*	4026 2527 00 A*
30	M20			4026 1930 00 B*	4026 2530 00 A*
32	M22			4026 1932 00 B*	4026 2532 00 A*
34	M22			4026 1934 00 B*	4026 2534 00 A*
36	M24			4026 1936 00 B*	4026 2536 00 A*
41	M27				4026 2541 00 A*
46	M30				4026 2546 00 A*
in	in				
3/8	1/4	4026 1012 00	4026 1312 00		
13/32	1/4	4026 0910 00	4026 1210 00		
7/16	1/4	4026 0911 00	4026 1211 00		
15/32	5/16	4026 0912 00	4026 1212 00		
1/2	5/16	4026 1016 00	4026 1316 00		
9/16	3/8	4026 1018 00	4026 1318 00		
3/4	1/2	4026 0919 00	4026 1219 00	4026 1919 00 B*	
15/16	5/8		4026 1224 00	4026 1924 00 B*	4026 2524 00 A*
1 1/8	3/4		4026 1336 00	4026 2036 00 B*	4026 2636 00 A*
1 5/16	7/8			4026 2042 00 B*	4026 2642 00 A*
1 1/2	1			4026 2048 00 B*	

*Locking pin and o-ring set.

RATCHET WRENCHES

RATCHET WRENCHES, W2200A, W2201A

Light, powerful, reversible tools for tightening/loosening nuts and bolts in awkward, difficult-to-reach positions. Available with 3/8" or 1/2" square drive. Both tools can handle bolts up to M10.



TECHNICAL DATA

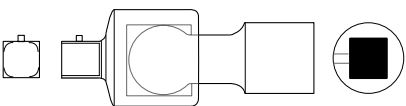
Model Ordering No.	W2200A 8431 0349 10	W2201A 8431 0349 02
Square drive.	3/8" (10 mm)	1/2" (12.7 mm)
Capacity.	M10	M10
Torque range.	5-40 Nm	5-40 Nm
Speed.	150 r/min	150 r/min
Vibration level.	4.3 m/s ²	4.3 m/s ²
Sound level.	88 dB(A)	88 dB(A)
Weight.	1.1 kg	1.1 kg
Air consumption idling.	7.6 l/s	7.6 l/s
Suitable air hose.	10 mm (3/8")	10 mm (3/8")
Air inlet thread.	1/4" BSP	1/4" BSP

Optional accessories for impact and ratchet wrenches



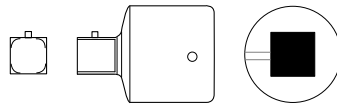
EXTENSIONS

Square drive in	Male drive in	Length mm	Ordering No.
3/8	3/8	152	4023 1164 06
1/2	1/2	127	4023 0734 00
1/2	1/2	254	4023 0735 00
3/4	3/4	178	4023 0854 00
3/4	3/4	330	4023 0855 00
1	1	178	4023 0751 00 A*
1	1	330	4023 0867 00 A*



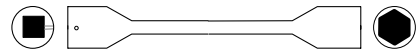
UNIVERSAL JOINTS

Square drive in	Male drive in	Length mm	Ordering No.
3/8	3/8	60	4023 1182 00
1/2	1/2	76	4023 0745 00
3/4	3/4	89	4023 0857 00
1	1	112	4023 1060 00 A*



SOCKET ADAPTERS

Square drive in	Male drive in	Length mm	Ordering No.
3/8	1/2	35	4023 1153 00
1/2	3/8	39	4023 1154 00
3/4	1/2	57	4023 0909 00
3/4	1	65	4023 1157 00
1	3/4	75	4023 0868 00 A*






TORSION BARS FOR W2213B

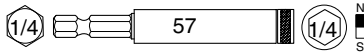
Width across flats mm	Overall length mm	Torque Nm	Ordering No.
17	215	95	4023 1284 00
19	215	90	4023 1286 00
19	215	120	4023 1287 00
21	215	100	4023 1303 00

*Locking pin and o-ring set (4026 5000 92).

TECHNICAL DATA

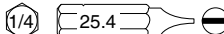
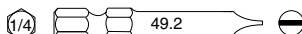
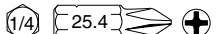
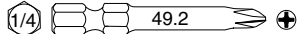
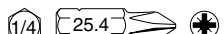
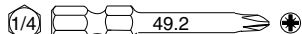
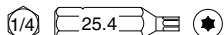
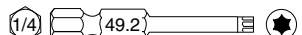
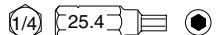

Model	S2308-C	S2305	S2326	S2340-C	S2370-C
Ordering No.	8431 0257 20	8431 0257 28	8431 0257 36	8431 0257 40	8431 0257 70
Torque.	2.5-11 Nm	12 Nm	4.5 Nm	0.5-2 Nm	2-6 Nm
Speed.	850 r/min	625 r/min	1850 r/min	1300 r/min	1300 r/min
Vibration level.	3.7 m/s ²	< 2.5 m/s ²	< 2.5 m/s ²	< 2.5 m/s ²	< 2.5 m/s ²
Sound level.	77 dB(A)	76 dB(A)	76 dB(A)	72 dB(A)	72 dB(A)
Weight.	1.1 kg	0.9 kg	0.8 kg	0.9 kg	0.9 kg
Air consumption*.	8.4 l/s	6.8 l/s	6.8 l/s	4 l/s	4 l/s
Suitable air hose.	10 mm (3/8")	10 mm (3/8")	10 mm (3/8")	6.3 mm (1/4")	6.3 mm (1/4")
Air inlet thread.	1/4" BSP	1/4" BSP	1/4" BSP	1/4" BSP	1/4" BSP
	up to No. 12	up to No. 12	up to No. 8	up to No. 5	up to No. 8
	up to M6	up to M6	up to M5	up to M3	up to M5
	up to B14	up to B14	up to B10	up to B6	up to B10

*idling



HOLDER FOR INSERT BITS

Type Ordering No.
Magnetic holder 4023 0707 00

INSERT BITS			POWER BITS		
	Size	Ordering No.		Size	Ordering No.
Slotted	Blade width mm	Extra hard	Slotted	Blade width mm	Extra hard
	3.4	4023 1400 21		4.7	4023 2020 24
	3.9	4023 1400 22		6.3	4023 2020 26
	4.7	4023 1400 23		7.0	4023 2020 27
	5.5	4023 1400 26		7.9	4023 2020 28
	6.3	4023 1400 27		9.1	4023 2020 29
	7.0	4023 1400 28			
Phillips	Point size	Extra hard	Phillips	Point size	Extra hard
	1	4023 0696 01		1	4023 2320 21
	2	4023 0697 01		2	4023 2320 22
	3	4023 0698 01		3	4023 2320 23
Pozi driv	Point size	Extra hard	Pozi driv	Point size	Extra hard
	1	4023 1101 11		1	4023 2420 21
	2	4023 1101 12		2	4023 2420 22
	3	4023 1101 13		3	4023 2420 23
Torx	Point size	Medium hard	Torx	Point size	Medium hard
	T10	4023 1321 00		T10	4023 2220 23
	T15	4023 1331 00		T15	4023 2220 24
	T20	4023 1322 00		T20	4023 2220 25
	T25	4023 1332 00		T25	4023 2220 26
	T30	4023 1323 00		T30	4023 2220 28
Allen head	mm/in	Extra hard	Allen head	mm/in	Extra hard
	3	4023 0819 00		3	4023 0710 00
	4	4023 1320 00		4	4023 0711 00
	5/32	4023 0705 00		5/32	4023 0681 00
	5	4023 0820 00		5	4023 0712 00
	6	4023 0821 00		6	4023 0906 00

DRILLS



DRILLS, D2112, D2116, D2121

Strong, silent-running drills, with a capacity up to 13 mm (1/2") in steel. Air exhaust is through the handle, which prevents chips from blowing on to the working area. All models are supplied with chuck and chuck key. Model D2121 is supplied with support handle (optional for D2112 and D2116). The support handle can be fitted with a drill depth stop.

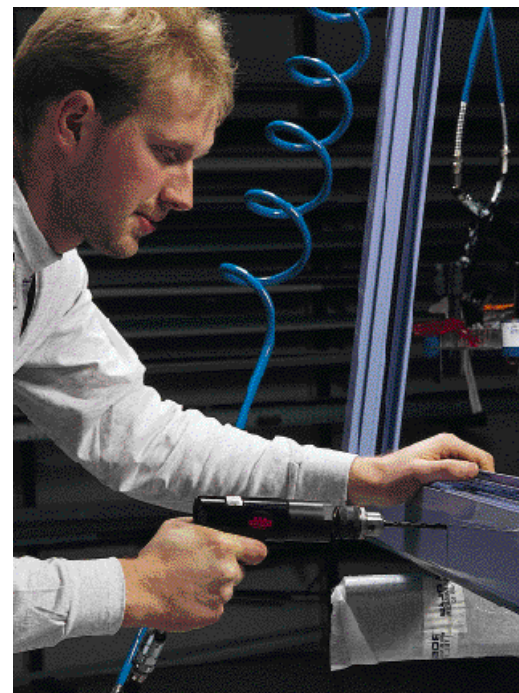
REVERSIBLE DRILL, D2148-R

A strong, reversible drill for heavy duty with a capacity up to 13 mm (1/2"). The drill can also be used for tightening and loosening screws as well as threading through small blind holes (up to

8 mm in steel) with a thread tap fitted. The chuck key and the support handle are supplied as standard. The support handle can be fitted with a drill depth stop. Air exhaust is through the handle, which prevents chips from blowing on to the working area.

ANGLE DRILL, D2163

An angle drill for drilling in awkward and confined spaces with a capacity up to 10 mm. The angle head is 90 degrees and the air exhaust is through the handle. The angle drill is supplied with 10 mm chuck and key.



Optional accessories for D2112, D2116, D2121, D2148-R

Support handle
(standard with D2121, D2148-R)
Ordering No. 4110 1355 81



Drill depth stop
To be used with support handle
Ordering No. 4110 1370 80

Exhaust air hose 270 mm
Ordering No. 4210 2053 00

Exhaust air hose extension
Ordering No. 4210 2929 00

Optional accessories for D2112, D2116, D2121, D2148-R, D2163



Key chucks key included,
mount 3/8"-24 UNF

Chuck capacity
mm Ordering No.
0-6.5 4021 0444 00
 (Standard with D2112)
1.5-10 4021 0446 00
 (Standard with D2116, D2163)
2-13 4021 0447 00
 (Standard with D2121, D2148-R)



Quick-change chuck for 1/4" bits
with hex shank, mount 3/8"-24 UNF
Ordering No. 4021 0443 00

Optional accessories for D2163



Exhaust air hose
Ordering No. 4150 1077 80



Support handle
Ordering No. 4110 1355 85

TECHNICAL DATA					
Model	D2112	D2116	D2121	D2148-R	D2163
Ordering No.	8421 0405 05	8421 0405 13	8421 0405 21	8421 0407 03	8421 0410 08
Chuck capacity.	0-6.5 mm	1.5-10 mm	2-13 mm	2-13 mm*	1.5-10 mm (3/8")
Mount.	3/8"-24 UNF	3/8"-24 UNF	3/8"-24 UNF	3/8"-24 UNF	3/8"-24 UNF
Speed.	5400 r/min	2400 r/min	750 r/min	625 r/min	2000 r/min
Vibration level.	< 2.5 m/s ²	< 2.5 m/s ²	< 2.5 m/s ²	< 2.5 m/s ²	< 2.5 m/s ²
Sound level.	78 dB(A)	78 dB(A)	78 dB(A)	77 dB(A)	77 dB(A)
Weight.	1.0 kg	1.0 kg	1.4 kg	1.45 kg	1.1 kg
Air consumption idling.	10 l/s	10 l/s	10 l/s	10.5 l/s	9.3 l/s
Suitable air hose.	10 mm (3/8")	10 mm (3/8")	10 mm (3/8")	10 mm (3/8")	10 mm (3/8")
Air inlet thread.	1/4" BSP	1/4" BSP	1/4" BSP	1/4" BSP	1/4" BSP

* Tapping max M8

BLOW GUN, B2602

Is a handy blow gun with low noise level. The trigger mechanism allows you to vary the air flow. The bent and very thin extension makes it highly suitable for use in cramped spaces. Due to the design of the star-tip nozzle there is no back pressure when the nozzle is blocked.

Air consumption is 2.7 l/s. Air inlet thread is 1/4" BSP, 79 dB(A).

Ordering No. 8202 1006 01.



CHIPPING HAMMERS

CHIPPING HAMMER, P2515A

P2515A is an easy-to-handle, high-output chipping hammer. The straight chipping hammer is ideal for weld slag scaling, cleaning castings concrete and masonry surfaces, removing thick paint. It comes supplied with a flat chisel.

NEEDLE SCALER, P2516A

P2516A is an efficient, yet easy to operate needle scaler. It is used to remove welding slag, rust and paint from steel structures. It comes supplied with a set of 19 standard steel needles.



CHIPPING HAMMERS, P2525, P2526

Chipping hammers with a comfortable pistol grip for chipping, cutting and riveting. Delivered with two types chisel retainers.

P2525, shank type ISO \varnothing 10.2 mm with round collar for unguided chisels.

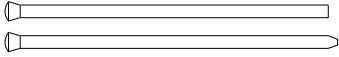
P2526, shank type ISO hex width \square 12,7 mm for guided chisels. (Chisels are not included.)



TECHNICAL DATA

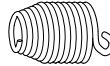
Model Ordering No.	P2515A 8425 0103 59	P2516A 8425 0103 67	P2525 8425 0206 02	P2526 8425 0206 10
Chisel shank.	ISO \square 12.7 mm	–	\varnothing 10.2 mm	\square 12.7 mm
Percussion rate.	66 Hz	66 Hz	50 Hz	55 Hz
Piston stroke.	25 mm	25 mm	59 mm	67 mm
Vibration level.	13.0 m/s ²	13.0 m/s ²	15.0 m/s ²	15.0 m/s ²
Sound level.	90 dB(A)	90 dB(A)	99 dB(A)	99 dB(A)
Weight.	1.9 kg	2.6 kg	1.7 kg	1.7 kg
Air consumption at load.	2.5 l/s	2.5 l/s	8.3 l/s	8.3 l/s
Suitable air hose.	10 mm (3/8")	10 mm (3/8")	10 mm (3/8")	10 mm (3/8")
Air inlet thread.	1/4" BSP	1/4" BSP	1/4" BSP	1/4" BSP

Optional accessories for P2516A – Needles



Designation	Length mm	Set of 19 needles Ordering No.
Steel standard	180	3512 0071 90
Stainless steel, flat ends	180	3512 0072 90
Beryllium copper flat ends	180	3512 0073 90

Optional accessories for P2525, P2526



Retainer length 50 mm
Ordering No. 3512 0045 00
(Standard with P2525, P2526)



P2525
Retainer length 45 mm
Ordering No. 3512 0027 01
(Standard with P2525)

P2526
Retainer length 55 mm
Ordering No. 3512 0046 00
(Standard with P2526)

Optional accessories for P2515A, P2525, P2526						
CHISEL	Designation	Width mm	Length mm	Chisel for	Chisel for	Chisel for
				P2515A Ordering No.	P2525 Ordering No.	P2526 Ordering No.
	Chisel blank	13	175	3085 0228 02	3085 0212 00	3085 0182 00 3085 0182 01
		13	200			
		13	350			
		15	155			
	Flat chisel	16	175	3085 0230 01	3085 0265 00	3085 0183 00
		13	200			
		15	155			
	Wide flat chisel	35	165	3085 0232 01		
	Sharp chisel	15	175		3085 0216 00	3085 0170 00 3085 0170 01
		15	200			
		15	300			
	Spot weld chisel	17	175		3085 0170 00	3085 0301 00
		17	200			
	Angle scraper chisel	30	175	3085 0362 00	3085 0264 00	3085 0262 00
		30	200			
		35	165			
	Moil point chisel	13	200			3085 0297 00 3085 0297 01
		13	305			
	Pipe cutting chisel	35	175		3085 0268 00	3085 0302 00 3085 0303 00
		20	200			
		35	200			
	Plate cutting chisel	14.5	175		3085 0226 01	3085 0263 00
		14.5	200			
	Plate cutting chisel	16	175		3085 0215 00	3085 0173 00
		16	200			

POLISHING SANDERS



VERSATILE POLISHER, G2406

The G2406 is a versatile polisher with safety trigger and a speed of 2000 r/min. Its low overall height allows access to confined spaces. The G2406 comes supplied with support handle, a white 150 mm velcro sponge head, an adapter UNF 3/8"-24 x UNC 5/8"-11, a velcro pad and key.

The G2406 can be used with many different accessories. Please see the accessories ordering guide.

OPTIMAL SURFACE POLISHER/FINE SANDING, G2407

The G2407 is an optimal surface polisher and fine sanding machine with safety trigger and a speed of 3400 r/min. Its low overall height allows access to confined spaces. The G2407 comes supplied with support handle, a white 150 mm sponge head, an adapter UNF 3/8"-24 x UNC 5/8"-11, pad and key.



The G2407 can be used with optimal speed with different accessories. Please see the accessories ordering guide.

6" RANDOM ORBITAL SANDER, G2401

The G2401 is a random orbital sander for 150 mm (6") abrasive paper. The speed is adjustable up to 10 000 r/min.

The G2401 is useful for sanding filler or enamel and for the fine sanding of plastic or wood. It comes equipped with a 6" sanding pad for sticking paper. A spot suction attachment, to remove the sanding dust, is available as an optional accessory.

Optional accessories for G2406

 150 mm Velcro pad, thread UNC 5/8". Maximum speed 2500 r/min. To be used together with velcro sponge heads or velcro lamb's-wool bonnet. Ordering No. 4112 6092 15	<p>Velcro sponge heads</p> <p>150 mm 2500 r/min</p>	
	<p>White</p> <p>Dense, firm sponge head for compounding 2-pack paint systems. Excellent result with all leading makes of compound and polish.</p>	 4112 6094 15
 Lamb's-wool bonnet 150 mm with velcro fitting. Maximum speed 2500 r/min. Ordering No. 4112 6093 15	<p>Blue</p> <p>Softer sponge, more open cell, for polishing and compounding of cellulose, acrylics etc.</p>	 4112 6096 15
	<p>Pink</p> <p>Ultra soft, particularly good for dark colours.</p>	 4112 6098 15
	<p>Yellow</p> <p>Course sponge, open cell, for aggressive compounding including oxidised paintwork.</p>	 4112 6099 15

Optional accessories for G2406 and G2407

 150 mm white sponge head pad, thread UNC 5/8". Maximum speed 4000 r/min. Ordering No. 4112 6100 15	 150 mm blue sponge head pad, thread UNC 5/8". Maximum speed 4000 r/min. Ordering No. 4112 6101 15	 180 mm soft plastic disc with lock nut UNC 5/8" and spanner. Maximum speed 8000 r/min. Ordering No. 4170 0756 80	 UNF 3/8"-24 x M14 Spindle thread adaptor. (To be used with M14 threaded pads.) Ordering No. 4021 0435 00
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Exhaust air hose for G2406, G2407
Ordering No. 4150 1077 80

Optional accessories for G2401

- Spot suction kit
Ordering No. 3780 4017 30
- Hose set for spot suction kit
Ordering No. 3780 2724 40
- Support pad
Ordering No. 4112 0680 00

TECHNICAL DATA				
Model	G2406	G2407	G2407 M14	G2401
Ordering No.	8423 0304 88	8423 0304 77	8423 0304 55	8423 0324 43
Speed.	2000 r/min	3400 r/min	3400 r/min	10 000 r/min
Support Pad.	Ø 125-200 mm	Ø 125-180 mm	Ø 125-180 mm	Ø 150 mm (5")
Spindle thread.	UNF 3/8"-24	UNF 3/8"-24	M14	5/16"-24 UNF
Vibration level.	< 2.5 m/s ²	< 2.5 m/s ²	< 2.5 m/s ²	< 2.5 m/s ²
Sound level.	78 dB(A)	78 dB(A)	78 dB(A)	86 dB(A)
Weight.	1.4 kg	1.0 kg	1.0 kg	2.0 kg
Air consumption*.	10 l/s	10 l/s	10 l/s	7.7 l/s
Suitable air hose.	10 mm (3/8")	10 mm (3/8")	10 mm (3/8")	10 mm (3/8")
Air inlet thread.	1/4" BSP	1/4" BSP	1/4" BSP	1/4" BSP

*idling

SANDERS



RANDOM ORBITAL SANDERS G2418, G2428

Random orbital sanders with long and short handle to give a comfortable operating position. Available in two versions: course and fine sanding.

Lubrication free tools for a variety of sanding applications. Avoids contamination of workpiece. No oil in the exhaust air.

All tools come equipped as self suction tools (or central suction) but can easily be changed to non-

vacuum tools by mounting a plug and a silencer which are supplied with all tools as standard.

All sanders are supplied with a 150 mm pad in accordance with the ordering guide on page 13. If the sander shall be used with dust extraction then choose the pad with holes and if the sander shall be used as a non-vacuum tool then select a pad without holes from the ordering guide.



PISTOL GRIP SANDER, G2402

Excellent motor balance provides low vibrations, below 2.5 m/s². Free speed at 12 000 r/min suitable for sanding with 125 mm sanding paper. Lightweight, with a comfortable grip for easy handling. Sound level 82 dB(A) for operator protection. Special nut and spanner for flap wheels is included with the tool.



Optional accessories for G2402

125 mm pad with nut Ordering No. 4210 3766 00
Spanner for nut Ordering No. 4210 3767 00






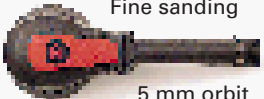

Optional accessories for G2418/G2428

Dust collection kit including vacuum hose and bag Ordering No. 4112 0734 90
Vacuum hose kit only Ordering No. 4112 0735 90

TECHNICAL DATA

Model Ordering No.	G2418 See ordering guide	G2428	G2402 8423 0312 02
Speed.	9025 r/min	9025 r/min	12 000 r/min
Vibration level.	< 2.5 m/s ²	< 2.5 m/s ²	< 2.5 m/s ²
Sound level.	92 dB(A)	81 dB(A)	82 dB(A)
Pad size.	150 mm	150 mm	125 mm
Spindle thread.	UNF 5/16"	UNF 5/16"	UNF 7/16"
Weight.	1.5 kg	1.5 kg	1.0 kg
Air consumption*.	9 l/s	10 l/s	12 l/s
Suitable air hose.	10 mm (3/8")	10 mm (3/8")	10 mm (3/8")
Air inlet thread.	1/4" BSP	1/4" BSP	1/4" BSP

*idling

Ordering guide All tools are supplied with a pad. Select the type of pad required with the help of this ordering guide.	With holes (dust extraction) Six holes in 60° angle 150 mm, UNF 5/16"		Without holes (non-vacuum) 150 mm, UNF 5/16"		Plug and silencer supplied as standard to rebuild the tool from self suction to non-vacuum.
	Velcro	Vinyl	Velcro	Vinyl	
G2418-05 Short handle Fine sanding  5 mm orbit	8423 1805 16		8423 1805 10	8423 1805 00	
G2418-10 Short handle Course sanding  10 mm orbit	8423 1810 16	8423 1810 06	8423 1810 10	8423 1810 00	
G2428-05 Long handle Fine sanding  5 mm orbit	8423 2805 16	8423 2805 06	8423 2805 10	8423 2805 00	
G2428-10 Long handle Course sanding  10 mm orbit	8423 2810 16	8423 2810 06	8423 2810 10	8423 2810 00	
Pad only	4112 6103 16	4112 6105 06	4112 6102 10	4112 6104 00	

BELT SANDERS



BELT SANDERS G2403, G2404.

A high-quality surface finish is obtained during deburring jobs with belt sanders G2403 and G2404. The smooth arms provide very good accessibility in cramped spaces. The angle between the handle and arm is adjustable for best comfort and accessibility. Low air consumption to power ratio. These tools are very well suited for deburring and finishing jobs in steel workshops and other industrial applications.

TECHNICAL DATA

Model Ordering No.	G2403 8423 0304 33	G2404 8423 0304 44
Power.	250 W	400 W
Rotational speed.	18000 r/min	16500 r/min
Belt speed.	1300 m/min	2540 m/min
Belt dimension.	10x330 mm	20x520 mm
Vibration level.	<2.5 m/s ²	<2.5 m/s ²
Sound level.	85 dB(A)	85 dB(A)
Weight.	0.8 kg	1.4 kg
Length.	280 mm	358 mm
Air consumption idling.	11 l/s	11 l/s
Suitable air hose.	10 mm (3/8")	10 mm (3/8")
Air inlet thread.	1/4" BSP	1/4" BSP

Recommended abrasive are:

	G2403	G2404
50 grid	4170 1199 00	4170 1201 00
80 grid	4170 1196 00	4170 1197 00
120 grid	4170 1200 00	4170 1202 00

Article number is valid for 1 pc. A box contains 10 pcs

GRINDERS

7" SURFACE GRINDERS, G2415, G2416

Surface grinders with a high material removal rate. Designed for coarse grinding with reinforced, depressed centre wheel, for cleaning with fibre-backed disc or steel wire brush, and for light cutting. A built-in speed governor keeps working speed close to idling speed.

Supplied with handle, hex socket wrench, wheel guard and flanges for depressed centre wheel. A wide range of accessories is available including wire brushes and cutting discs.

The best alternative for grinding is G2415. The peripheral speed will then be 80 m/s with a 7" grinding wheel. As a multi purpose tool use the G2416 with a peripheral speed of 60 m/s. Never mount a grinding wheel without the wheel guard mounted.



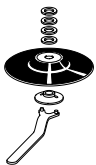
Optional accessories for G2415, G2416



Attachment set for reinforced cut-off wheel
Ordering No. 4170 1133 87



Attachment set for depressed centre wheel
Ordering No. 4170 0219 87

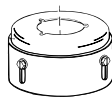


180 mm pad with spanner and lock nut
Soft Ordering No. 4170 0756 80
Stiff Ordering No. 4170 0757 80

TECHNICAL DATA

Model Ordering No.	G2415 8423 2522 49	G2416 8423 2522 56
Speed.	8500 r/min	6000 r/min
Max. wheel.	Ø 180 mm (7")	Ø 180 mm (7")
Max. cup wheel.	Ø 100 mm (4")	Ø 125 mm (5")
Max. wire brush.	-	140 mm (5 1/2")
Spindle thread.	UNC 5/8"-11	UNC 5/8"-11
Vibration level.	4.8 m/s ²	4.0 m/s ²
Sound level.	87 dB(A)	78 dB(A)
Weight.	2.65 kg	2.65 kg
Air consumption.	21 l/s	18 l/s
Suitable air hose.	13 mm (1/2")	13 mm (1/2")
Air inlet thread.	1/2" BSP	1/2" BSP

Optional accessories for G2416



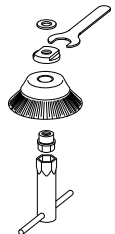
Wheel guard for 5" flared cup wheel.
Ordering No. 4170 0664 80



Backing nut.
Ordering No. 4170 1128 00

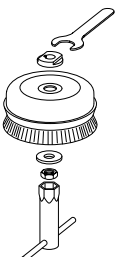
Attachment set for steel wire brush Ø 115 mm
Ordering No. 4170 0459 81

Steel wire brush Ø 115 mm
Ordering No. 4170 0491 00



Attachment set for steel wire brush Ø 140 mm
Ordering No. 4170 0550 80

Steel wire brush Ø 140 mm
Ordering No. 4170 0685 00





**4", 4 1/2" AND 5" ANGLE GRINDERS,
G2408, G2409**

Light and robust angle grinders for depressed centre wheel. The compact dimensions allow for easy access in confined spaces. Supplied with support handle, wheel guard attachment set for depressed centre wheel ($\text{\O} 16 \text{ mm}$ and $\text{\O} 22 \text{ mm}$ mounting hole) open end spanner and pin key. Exhaust air kit available as an optional accessory. Power G2408: 350 W, G2409: 650 W.

DIE GRINDERS, G2412, G2422

The die grinders are robust with a maximum speed of 20 000 r/min. They are light in weight and fitted with safety trigger. Available with collet in imperial or metric sizes. The G2412 is ideal for deburring, filling and die grinding with mounted points or rotary files. G2422 is ideal for internal grinding.

TECHNICAL DATA						
Model	G2408-100	G2408-115	G2408-125	G2409-100	G2409-115	G2409-125
Ordering No.	8423 0314 60	8423 0314 78	8423 0314 80	8423 0315 00	8423 0315 05	8423 0315 10
Speed.	12 000 r/min	12 000 r/min	12 000 r/min	12 000 r/min	12 000 r/min	12 000 r/min
Max. wheel diam.	100 mm(4")	115 mm(4 1/2")	125 mm(5")	100 mm(4")	115 mm(4 1/2")	125 mm(5")
Spindle thread.	3/8"-24 UNF	3/8"-24 UNF	3/8"-24 UNF	3/8"-24 UNF	3/8"-24 UNF	3/8"-24 UNF
Vibration level.	4.1 m/s ²	10 m/s ²	11 m/s ²	6.6 m/s ²	8.1 m/s ²	8.8 m/s ²
Sound level.	80 dB(A)	80 dB(A)	80 dB(A)	87 dB(A)	87 dB(A)	87 dB(A)
Weight.	0.9 kg	0.9 kg	0.9 kg	1.32 kg	1.34 kg	1.36 kg
Air consumption*.	13.1 l/s	13.1 l/s	13.1 l/s	19 l/s	19 l/s	19 l/s
Suitable air hose.	10 mm (3/8")	10 mm (3/8")	10 mm (3/8")	13 mm (1/2")	13 mm (1/2")	13 mm (1/2")
Air inlet thread.	1/4" BSP	1/4" BSP	1/4" BSP	3/8" BSP	3/8" BSP	3/8" BSP

*idling

TECHNICAL DATA				
Model	G2412-1	G2412-2	G2422-1	G2422-2
Ordering No.	8423 0312 21	8423 0312 39	8423 0312 47	8423 0312 54
Collet chuck/type.	6 mm/short	1/4"/short	6 mm/long	1/4"/long
Speed.	20 000 r/min	20 000 r/min	20 000 r/min	20 000 r/min
Vibration level.	3.6 m/s ²	3.6 m/s ²	5.9 m/s ²	5.9 m/s ²
Sound level.	78 dB(A)	78 dB(A)	78 dB(A)	78 dB(A)
Weight.	0.5 kg	0.5 kg	0.7 kg	0.7 kg
Air consumption*.	10.3 l/s	10.3 l/s	10.3 l/s	10.3 l/s
Suitable air hose.	10 mm (3/8")	10 mm (3/8")	10 mm (3/8")	10 mm (3/8")
Air inlet thread.	1/4" BSP	1/4" BSP	1/4" BSP	1/4" BSP

*idling

Optional Accessories for G2408, G2409



Exhaust air hose
Ordering No. 4150 1077 80 (G2408)
Ordering No. 4150 1532 90 (G2409)

Vibration damped handle
Ordering No. 4150 1521 80

Optional Accessories for G2412, G2422

Collet chuck complete:
3 mm Ordering No. 4150 1049 81
8 mm Ordering No. 4150 1049 84
1/8" Ordering No. 4150 1049 85



P2505

ENGRAVING PEN, P2505

A convenient engraving pen with adjustable power and low weight. The pin with the carbide tip is easy to replace. The engraving pen can be used to engrave and mark most materials and works equally well on glass, stone or metal. Supplied with 1.8 metres of 3.2 mm PVC hose, 1/4" BSP male thread.

Ordering No. 8425 0102 72.

AIR LINE ACCESSORIES

KEEP YOUR WORK STATION CLEAR

- COL balancers – keep the tool close at hand and “weightless” at all levels.
- RIL balancers – the normal balancers.
- SPI spiral hoses – work excellently together with balancers.
- HRIL hose reel balancers – balancer with an integrated hose.



BALANCERS

Model	Capacity range kg	Cable length m	Ordering No.
COL1 01	0.7-1.3	1.7	8202 0750 01
COL1 02	1.0-2.0	1.7	8202 0750 19
COL2 03	1.7-3.5	2.4	8202 0750 27
COL2 04	3.0-6.0	2.4	8202 0750 35
COL2 05	4.7-7.0	2.4	8202 0750 43
RIL 1C	0.0-0.5	1.5	8202 0700 02
RIL 2C	0.4-1.0	1.5	8202 0701 19
RIL 4C	1.0-2.0	1.5	8202 0702 18
RIL 5C	1.4-2.3	1.5	8202 0703 25
RIL 15C	5.0-7.0	2.4	8202 0705 15

HOSE REEL BALANCERS

Model	Capacity range kg	Rec air flow l/s	Hose length m	Fittings Inlet	BSP Outlet	Ordering No.
HRIL3	0.5-1.4	5.5	1.4	1/4"	1/8", 1/4"	8202 0600 11
HRIL4	0.7-2.4	6.5	1.1	1/4"	1/4"	8202 0600 29

Accessories

Extra hose for pistol grip tools with 1/4" inlet thread.

HRIL3	Ordering No. 4390 1687 90
HRIL4	Ordering No. 4390 1687 90

SPIRAL HOSES

Model	Working length m	Rec. air flow l/s	Fittings Inlet	BSP Outlet	Ordering No.
SPI 09-3	3	11	1/4"	1/4"	8202 0508 14

CHOOSE THE RIGHT HOSE FOR YOUR NEEDS

- PVC – a normal PVC hose which is still pliable and gives long service life.
- CABLAIR – is a PVC hose which provides low weight and is soft, flexible and easy to use.
- RUBAIR – is a rubber hose which is soft, flexible and offers long service life.



HOSES

Model	Size			Recom- mended flow *) l/s	Coil	Ordering No.	Medium pressure hose clamp Ordering No.
	Inside dia mm	in	Outside dia mm				
PVC 08	8	5/16	12	7.5	30 m	9093 0038 11	0347 0122 08
PVC 10	10	3/8	14	14	30 m	9093 0038 41	0347 0122 10
PVC 13	12.5	1/2	18	21	30 m	9093 0038 71	0347 0122 12
CABLAIR 08	8	5/16	10.5	7.5	30 m	9093 0035 41	0347 0122 07
CABLAIR 10	10	3/8	13	13	30 m	9093 0035 71	0347 0122 09
CABLAIR 13	12.5	1/2	16.5	21	30 m	9093 0036 01	0347 0122 11
RUBAIR 10	10	3/8	16.0	13	20 m	8202 0402 10	0347 6104 00
RUBAIR 13	12.5	1/2	19.1	21	20 m	8202 0402 13	0347 6105 00

*) On a hose length of 5 m



GET THE RIGHT AIR WITH AIR PREPARATION UNITS FROM ATLAS COPCO

Your air tools needs the best air treatment, this means:

- Use a ball valve for your working safety.
- Always use a filter to remove water and dirt from the compressed air.
- Use a regulator to ensure that the working pressure is not too high at the tool, this will extend the lifetime of your air tool.
- Air tools that need lubrication need an oil fog lubricator.

AIR PREPARATION UNITS

MIDI 1/2" BSP. Max 38 l/s. Max 16 bar.

Model	Type	Bowl	Drainage	Ordering No.
MIDI FIL 15C-B	Filter	Polycarbonate	Semi automatic ^a	9093 0008 71
MIDI FIL 15C-BE	Filter	Poly + bowl guard	Semi automatic ^a	9093 0009 01
MIDI REG 15C-S	Regulator ^b	-	-	9093 0009 91
MIDI F/R 15C-BS	Fil/Reg ^b	Polycarbonate	Semi automatic ^a	9093 0012 31
MIDI F/R 15C-BES	Fil/Reg ^b	Poly + bowl guard	Semi automatic ^a	9093 0012 01
MIDI DIM 15C	Lubricator	Polycarbonate	-	9093 0010 51
MIDI DIM 15C-E	Lubricator	Poly + bowl guard	-	9093 0011 11
Gauge 0-10 Bar				9090 2052 00
Mounting Bracket				9090 1655 80
Assembly Kit				9090 1654 00

^a The drainage mechanism opens automatically when the pressure in the bowl drops below 0.2 bar.

Semi-automatic drainage can always be converted to manual drainage using a kit included with the filter.

^b Working pressure range on secondary side 0.5-10 bar.

COUPLINGS

ErgoQIC10 / ErgoNIP10-SYSTEM

Maximum recommended air flow 47 l/s

	Model	Size		Ordering No.	
		mm	in		
ErgoQIC10 M-male thread	M15	1/2 BSP		8202 1120 97	
ErgoQIC10 H-hose socket	H08	8	5/16	8202 1120 40	
		H10	10	3/8	8202 1120 02
		H13	12.5	1/2	8202 1120 10
ErgoQIC10 F-female thread	F08	1/4 BSP		8202 1121 00	



	Model	Size		Ordering No.	
		mm	in		
ErgoNIP10 M-male thread	M08	1/4 BSP		8202 1220 01	
ErgoNIP10 H-hose socket	M10	3/8	BSP	8202 1220 19	
		M15	1/2	BSP	8202 1220 27
ErgoNIP10 H-hose socket	H08	8	5/16	8202 1220 43	
		H10	10	3/8	8202 1220 50
		H13	12.5	1/2	8202 1220 68

QIC10 / NIP10-SYSTEM

Maximum recommended air flow 20 l/s

	Model	Size		Ordering No.	
		mm	in		
QIC10 MT-male taper thread	MT15	1/2 BSPT		8202 1302 51	
QIC10 H-hose socket	H08	8	5/16	8202 1302 10	
		H10	10	3/8	8202 1302 28
		H13	12.5	1/2	8202 1302 34
QIC10 F-female thread	F08	1/4 BSP		8202 1302 69	

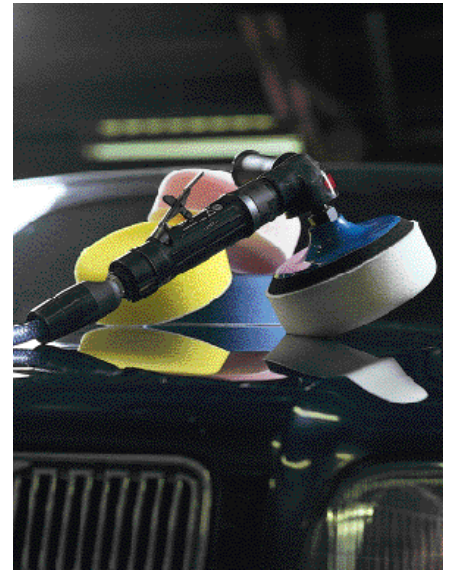


	Model	Size		Ordering No.	
		mm	in		
NIP10 M-male thread	M08	1/4 BSP		8202 1202 45	
NIP10 H-hose socket	M10	3/8	BSP	8202 1202 52	
		M15	1/2	BSP	8202 1203 02
NIP10 H-hose socket	H08	8	5/16	8202 1202 94	
		H10	10	3/8	8202 1202 29
		H13	13	1/2	8202 1202 34

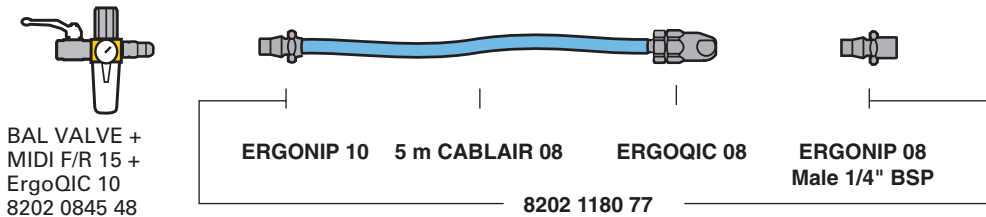
INSTALLATION PROPOSALS

INSTALLATION PROPOSALS SAVE YOU TIME AND TROUBLE.

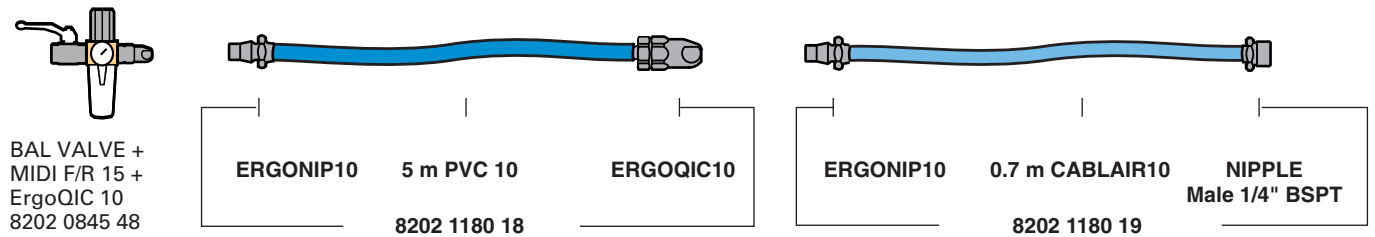
To run a tool at rated performance requires correctly dimensioned air line accessories that ensure the right working pressure. To make it easier for you to carry out proper installations, we offer you ready installation proposals for each individual tool. Below is a list of the recommended installation proposals for each PRO 2000 tool.



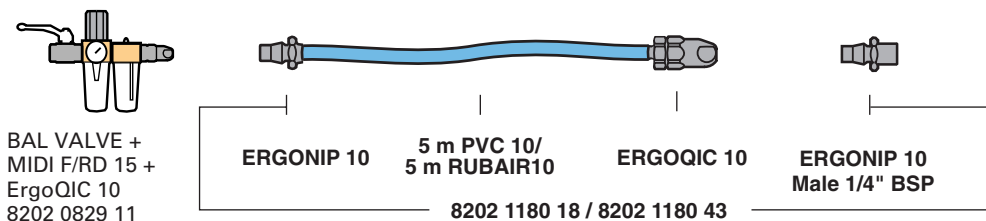
Installation proposal for S2340-C/S2370-C
Filtered and regulated air for a maximum air flow of 8 l/s.



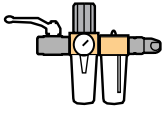
Installation proposal for G2418/G2428
Filtered and regulated air for a maximum air flow of 10 l/s.



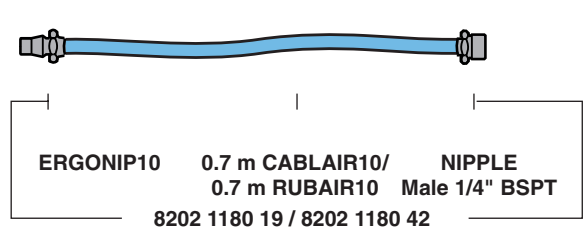
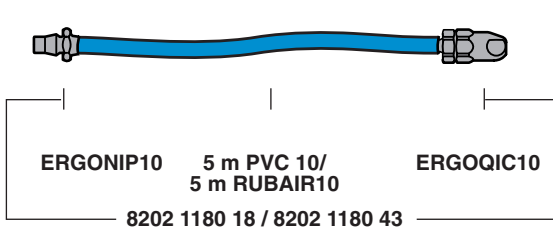
Installation proposal for W2200A/W2201A/S2308C/S2305/S2326/D2112/ D2121/D2148R/D2163/G2412/G2422
Filtered, regulated and oil fog lubricated air for a maximum air flow of 14 l/s.



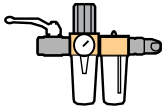
Installation proposal for P2515A/P2516A/P2525/P2526/G2406/G2407/G2401/G2402/G2403/G2404/G2408
 Filtered, regulated and oil fog lubricated air for a maximum air flow of 14 l/s.



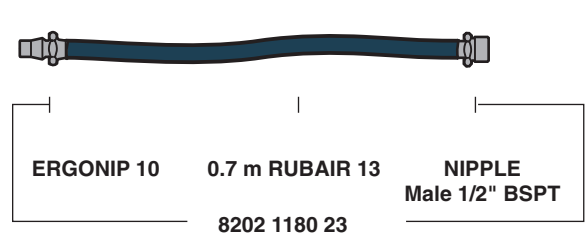
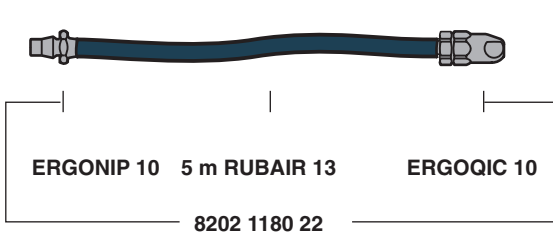
BAL VALVE +
 MIDI F/RD 15 +
 ErgoQIC 10
 8202 0829 11



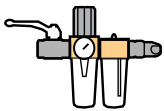
Installation proposal for G2415/G2416
 Filtered, regulated and oil fog lubricated air for a maximum air flow of 31 l/s.



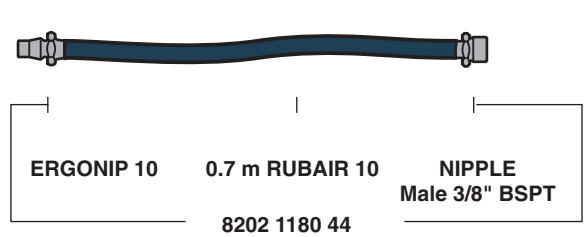
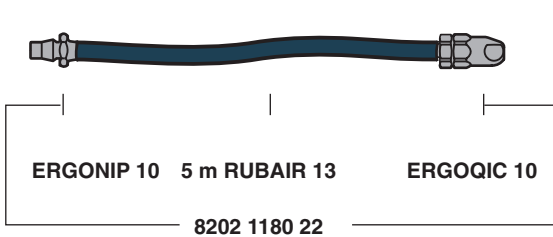
BAL VALVE +
 MIDI F/RD 15 +
 ErgoQIC 10
 8202 0829 11



Installation proposal for W2225C/G2409
 Filtered, regulated and oil fog lubricated air for a maximum air flow of 31 l/s.

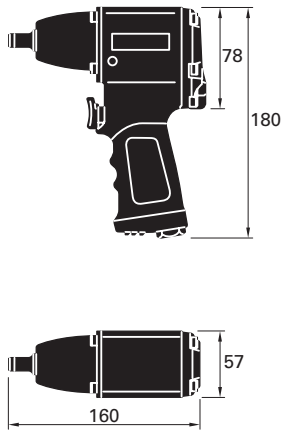


BAL VALVE +
 MIDI F/RD 15 +
 ErgoQIC 10
 8202 0829 11

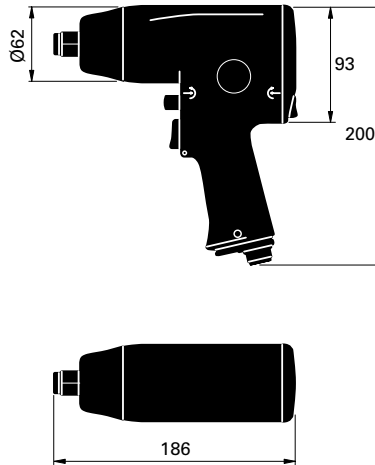


PROJECTION DRAWINGS

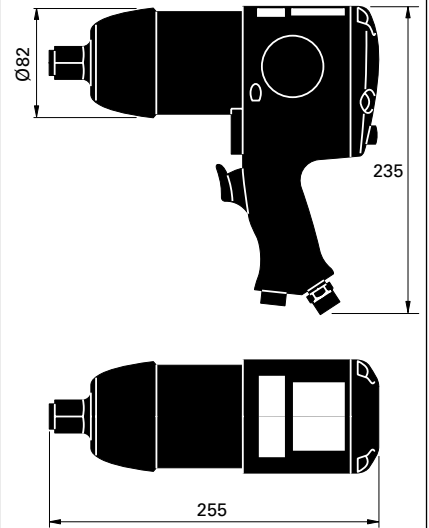
W2210A



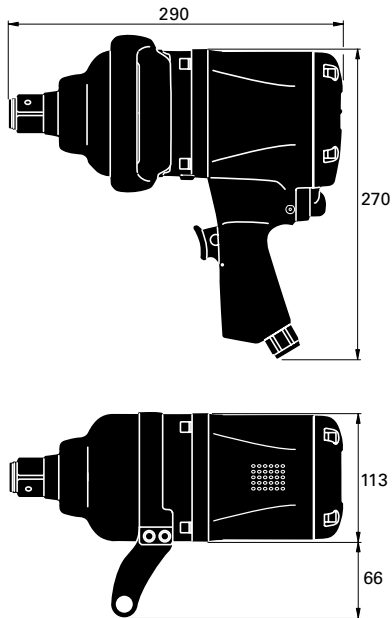
W2213B



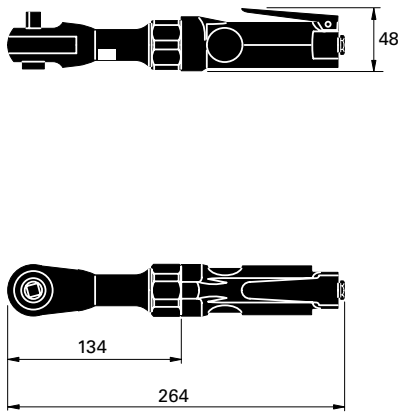
W2219



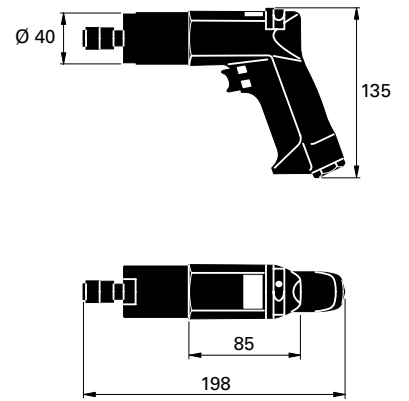
W2225B



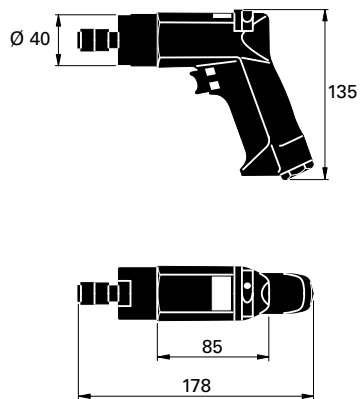
W2200A, W2201A



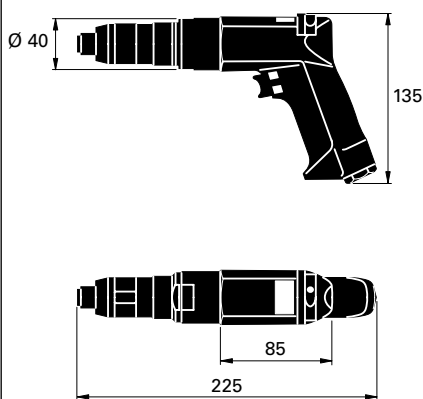
S2305



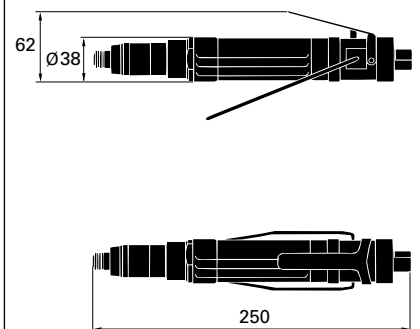
S2326

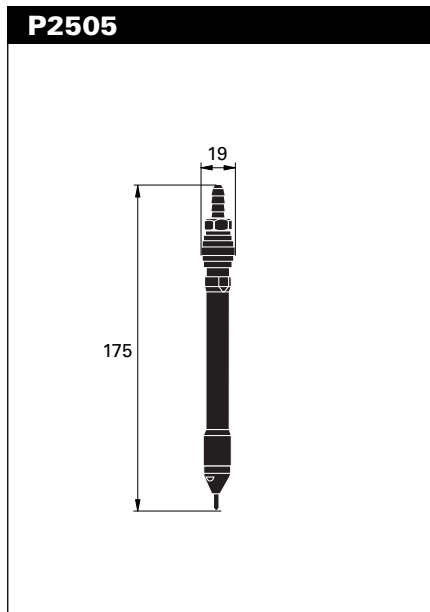
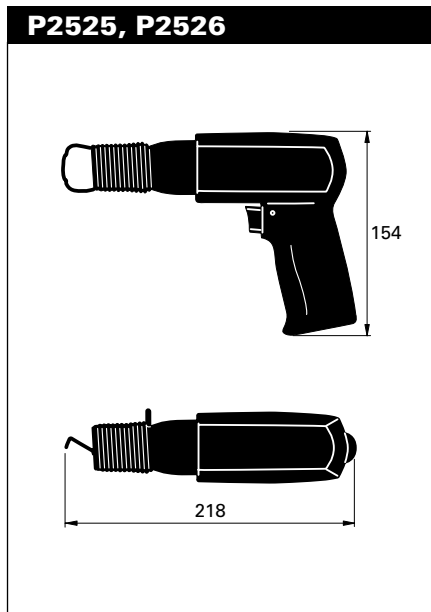
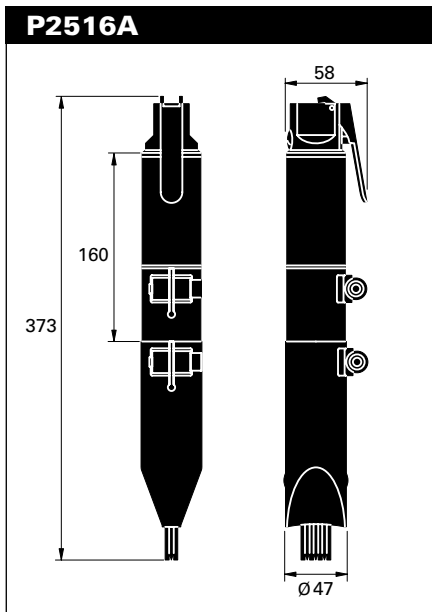
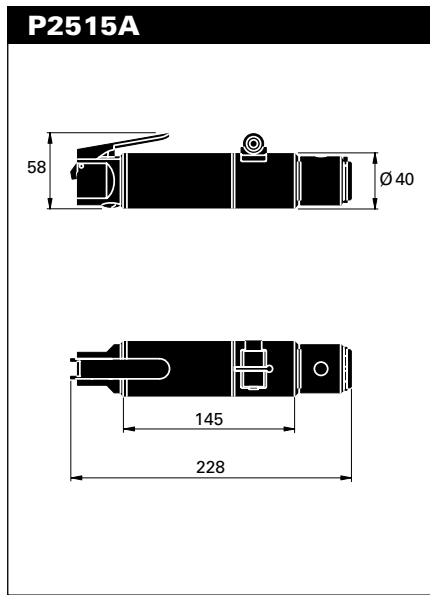
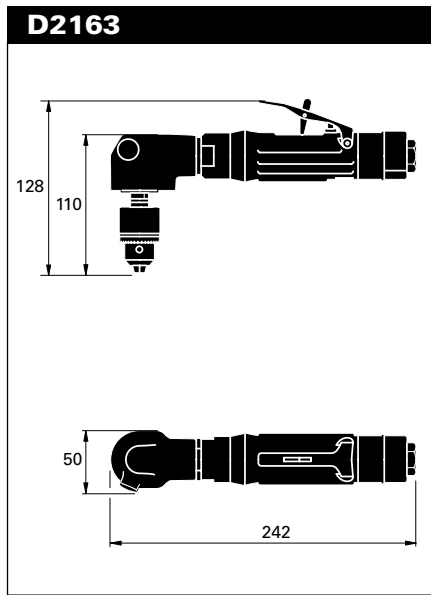
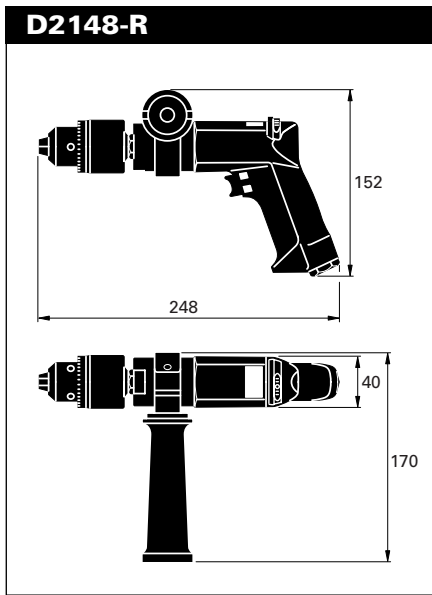
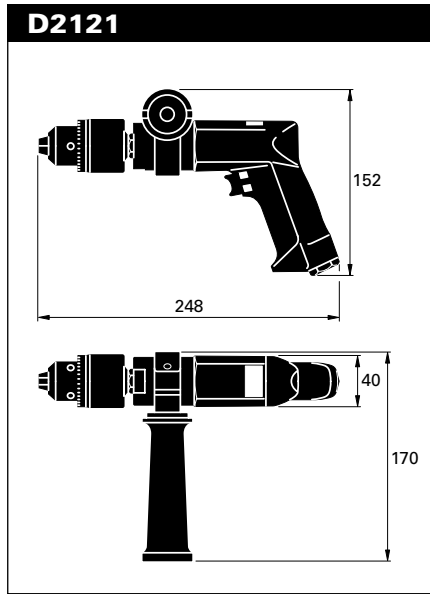
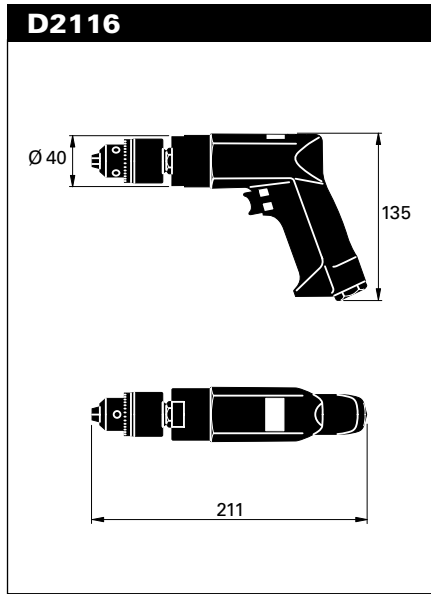
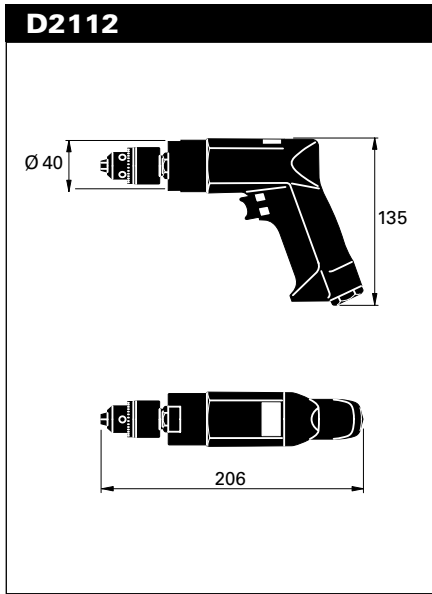


S2308-C

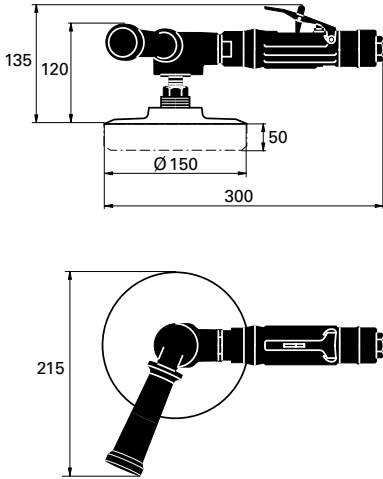


S2340-C/S2370-C

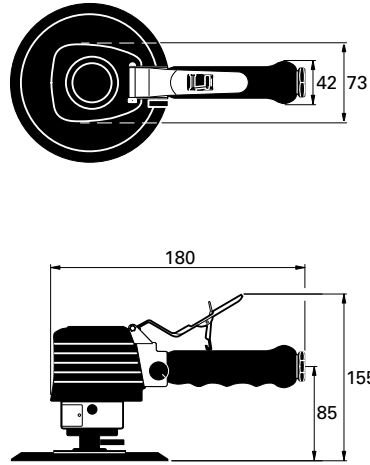




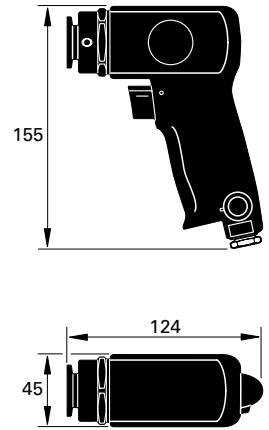
G2406, G2407



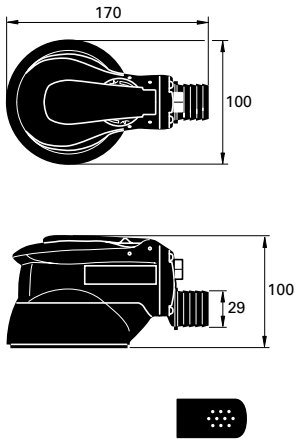
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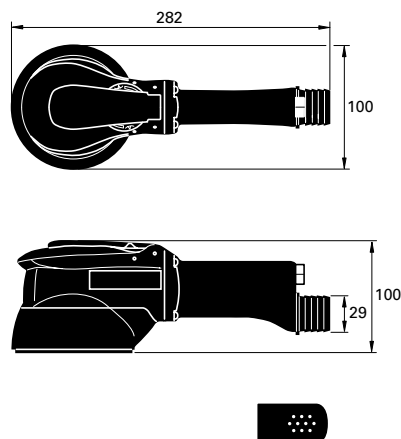
G2402



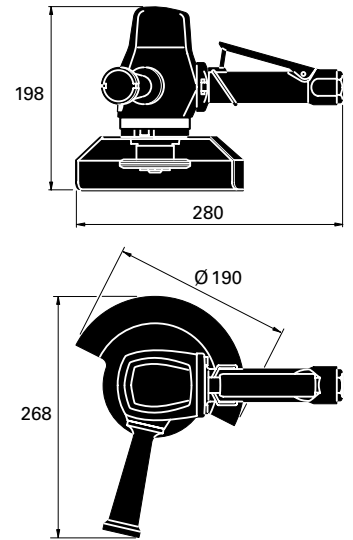
G2418



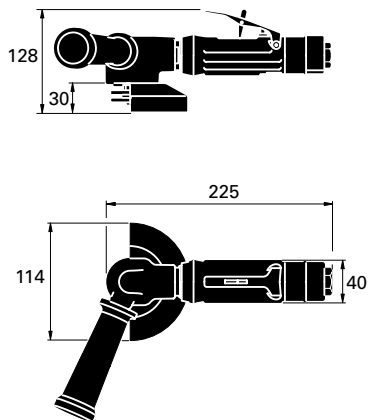
G2428



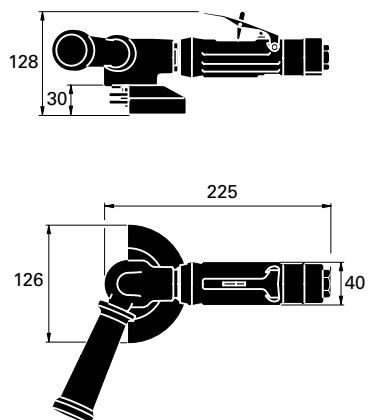
G2415, G2416



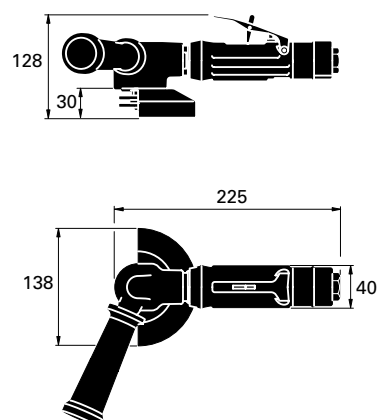
G2408-100



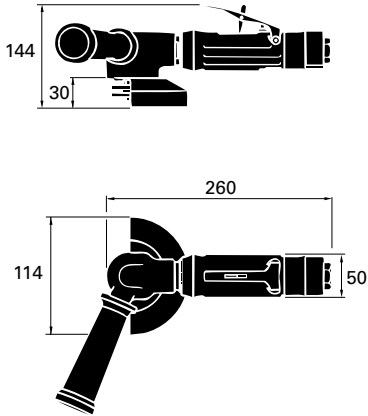
G2408-115



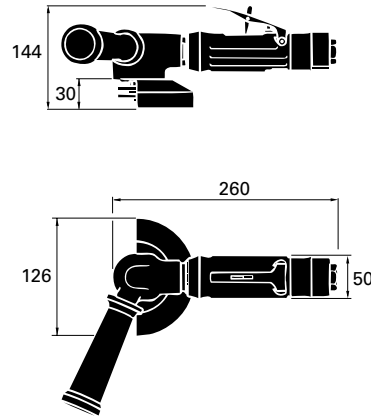
G2408-125



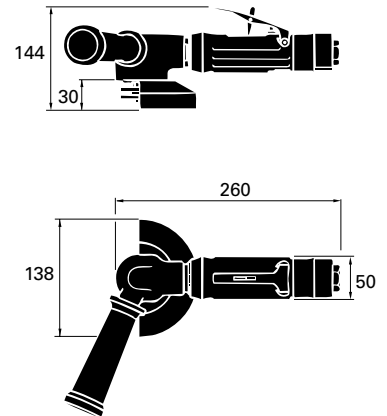
G2409-100



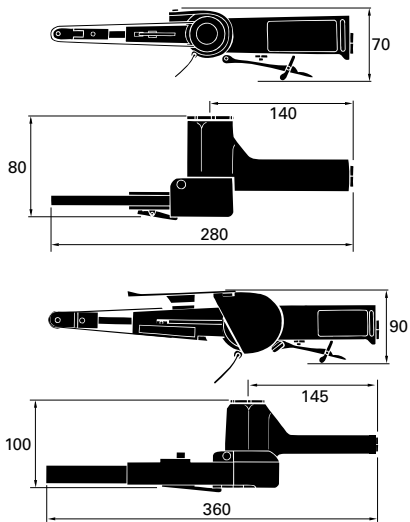
G2409-115



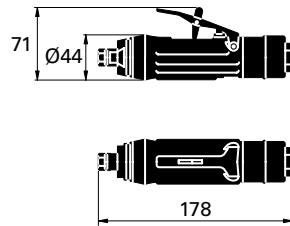
G2409-125



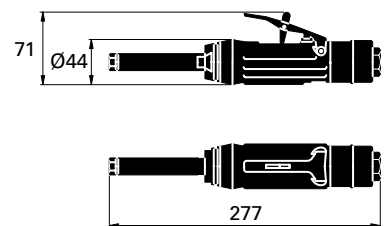
G2403/2404



G2412



G2422

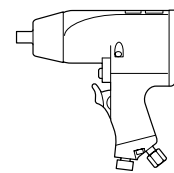


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PRO 2000

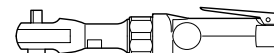
PRO 2000 IMPACT WRENCHES

4081 0211 90	Kit	W2210A	Small parts kit
4081 0212 90	Kit	W2210A	Seal kit
4081 0227 90	Kit	W2210A	Vane and ball bearing kit
4081 0156 90	Kit	W2213A	Vane and ball bearing kit
4081 0046 90	Kit	W2213A	Seal kit
4081 0047 90	Kit	W2213A	Small parts kit
4081 0182 90	Kit	W2213B	Small parts kit
4081 0183 90	Kit	W2213B	Seal kit
4081 0184 90	Kit	W2213B	Vane and ball bearing kit
4081 0185 90	Kit	W2213B	Strainer and small parts kit
4081 0157 90	Kit	W2219	Small parts kit
4081 0158 90	Kit	W2219	Vane and ball bearing kit
4081 0048 90	Kit	W2219	Seal kit
4081 0159 90	Kit	W2225B	Small parts kit
4081 0049 90	Kit	W2225B	Seal kit
4081 0050 90	Kit	W2225B	Vane and ball bearing kit



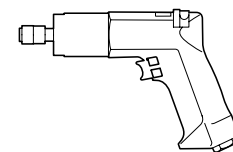
RATCHET WRENCHES

4081 0051 90	Kit	W2200A/W2201A	Small parts kit
4081 0160 90	Kit	W2200A/W2201A	Vane and ball bearing kit



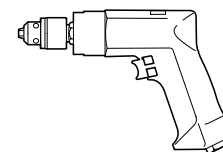
SCREWDRIVERS

4081 0053 90	Kit	S23/D2148-R	Small parts kit
4081 0054 90	Kit	S23/D2148-R	Vane and motor ball bearing kit
4081 0161 90	Kit	S23/D2148-R	Ball bearing kit
4081 0162 90	Kit	S2308-C	Seal kit
4081 0163 90	Kit	S2308-C	Vane and ball bearing kit
4081 0055 90	Kit	S2308-C	Small parts kit
4081 0078 90	Kit	S2340-C/S2370-C	Back head, vane and ball bearing kit
4081 0270 90	Kit	S2340-C/S2370-C	Small parts and seal kit



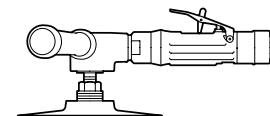
DRILLS

4081 0056 90	Kit	D2112/2116/2121	Small parts kit
4081 0057 90	Kit	D21/G2406/07	Vane and motor bearing kit
4081 0058 90	Kit	D2112/2116/2121	Ball bearing kit



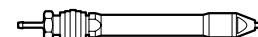
GRINDERS

4081 0165 90	Kit	G2412/G2422	Vane and ball bearing kit
4081 0062 90	Kit	G2406/07/D2163	Ball bearing kit
4081 0080 90	Kit	G2406/08/12/D2163	Small parts kit
4081 0061 90	Kit	G2408	Vane and motor ball bearing kit
4081 0063 90	Kit	G2408	Ball bearing kit
4081 0265 90	Kit	G2409	Small parts kit
4081 0266 90	Kit	G2409	Seal kit
4081 0267 90	Kit	G2409	Vane and ball bearing kit
4081 0268 90	Kit	G2409	Driver kit
4081 0269 90	Kit	G2409	Angel gear bearing kit and seal kit
4081 0169 90	Kit	G2418/G2428	Small parts kit
4081 0170 90	Kit	G2418/G2428	Vane and ball bearing kit
4081 0064 90	Kit	G2401	Small parts kit
4081 0065 90	Kit	G2401	Vane and small parts kit
4081 0166 90	Kit	G2401	Ball bearing kit
4081 0167 90	Kit	G2401	Seal kit
4081 0186 90	Kit	G2402	Vane and ball bearing kit
4081 0187 90	Kit	G2402	Small parts kit
4081 0228 90	Kit	G2403	Small parts kit
4081 0229 90	Kit	G2403	Seal kit
4081 0230 90	Kit	G2403	Vane and ball bearing kit
4081 0231 90	Kit	G2403	Apron kit
4081 0232 90	Kit	G2404	Small parts kit
4081 0229 90	Kit	G2404	Seal kit
4081 0233 90	Kit	G2404	Vane and ball bearing kit
4081 0234 90	Kit	G2404	Apron kit
4081 0066 90	Kit	G2415/G2416	Small parts kit
4081 0067 90	Kit	G2415/G2416	Strainer and small parts kit
4081 0081 90	Kit	G2415/G2416	Vane and motor ball bearing kit



ENGRAVING PEN

4081 0068 90	Kit	P2505	Needle and small parts kit
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CHIPPING HAMMERS

4081 0052 90	Kit	P2515A/P2516A	Small parts kit
4081 0059 90	Kit	P2525/P2526	Small parts kit



