

MAXIM

POWER TOOLS SCOTLAND LTD

Tools for the specialist



ATEX Certified Tools



ATEX



PNEUMATIC



HYDRAULIC



ELECTRIC



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Band Saws	2
Band Saw Accessories	3
Sabre Saws	4
Sabre Saw Accessories	5
Sabre Saw Blades	6
Reciprocating Saws	7
Reciprocating Saw Accessories	9
Reciprocating Saw Blades	13
Pistol Drills and Pistol Hammer Drills	19
Corner Drills	20
Hammer Drills SDS Plus	21
Drill Accessories	22
Axial Fans	23
Axial Fan Accessories	25
Other products	26

ATEX



PNEUMATIC



HYDRAULIC



ELECTRIC



PNEUMATIC BAND SAWS

The pneumatic band saw is the ideal tool for all cutting work, as well as in ATEX-safety class areas

PNEUMATIC

OPER. PRESSURE
6 Bar

ATEX



ORDER NO.	ATEX Specification	Power	Air Consumption	Type	Cutting Capacity Max. ∅	Cutting Capacity Max. □	Noise Level LpA/LwA	Vibration Level	Weight
		kW	m ³ /min		mm	mm	dB(A)	m/s ²	kg
5 6093 0100	II2GExhIIIBT6Gb	0.5	0.55	3 1/8" x 5 7/8"	80	80x150	87.0/96.0	<2.5	7.9
5 6093 0010 ¹	II2GExhIIIBT6Gb	0.5	0.55	3 1/8" x 3 7/8"	80	80x100	87.0/96.0	<2.5	18.7
5 6030 0010	II2GExhIIMbT6	0.8	0.90	4" x 4"	107	107x120	76.0/85.0	<2.5	9.5
5 6032 0010	II2GExhIIMbT6	0.7	0.90	4" x 7"	120	120x180	76.0/85.0	<2.5	9.9
5 6031 0010	II2GExhIIMbT6	1.0	1.20	7" x 7"	180	180x180	82.0/91.0	<2.5	13.0
5 6062 0010	II2GExhIIMbT6	1.0	1.20	7" x 9"	180	180x240	87.0/96.0	<2.5	16.0

Subject to technical change.

¹ Type is including the clamp.

Performance data at an operating pressure of 6 bar.

HYDRAULIC BAND SAWS

The compact hydraulic band saw for cutting work with increased power requirement.

Hydraulic hose set quick-coupling

1/2" FF-Flat-Face coupling, ISO 16028, 1/2" BSP/BG2

HYDRAULIC

OPER. PRESSURE
80 (140) Bar

ATEX



ORDER NO.	ATEX Specification	Power	Volume Flow	Type	Cutting Capacity Max. ∅	Cutting Capacity Max. □	Noise Level LpA/LwA	Vibration Level	Weight
		kW	l/min		mm	mm	dB(A)	m/s ²	kg
5 6043 0010	II2GExhIIIBT6Gb	1.5	15-50	4" x 4"	107	107x120	81.7/92.7	2.6	10.0
5 6042 0010	II2GExhIIIBT6Gb	1.5	15-50	4" x 7"	120	120x180	81.4/92.4	2.8	10.4
5 6041 0010	II2GExhIIIBT6Gb	1.5	12-50	7" x 7"	180	180x180	81.7/92.7	2.7	13.5
5 6054 0010	II2GExhIIIBT6Gb	1.5	12-50	7" x 9"	180	180x240	81.5/92.5	2.7	16.1

Subject to technical change.

Performance data at an operating pressure of 80 bar.

ELECTRIC BAND SAWS

The electric band saw for individual cutting of pipes up to 180mm diameter

ELECTRIC

OPER. VOLTAGE
230 V



ORDER NO.	ATEX Specification	Power	Motor Voltage	Type	Cutting Capacity Max. ∅	Cutting Capacity Max. □	Noise Level LpA/LwA	Vibration Level	Weight
		kW	V		mm	mm	dB(A)	m/s ²	kg
5 6078 0010		0.45	230	7" x 7"	180	180x180	82.0/93.0	2.7	14.2
5 6079 0010		0.45	230	7" x 9"	180	180x240	82.0/93.0	2.7	14.7

Subject to technical change.

SAW BLADES

Teeth per inch	For Type 4" x 4"	For Type 4" x 7"	For Type 7" x 7"	For Type 7" x 9"	For Type 5 6093
6/10	9 2506 0400	9 2506 0410	9 2506 0450	9 2506 0330	-
8	-	-	9 2506 0200	-	-
8/12	9 2506 0040	9 2506 0110	9 2506 0240	9 2506 0340	9 2506 0650
10/14	9 2506 0030	9 2506 0100	9 2506 0230	9 2506 0350	9 2506 0660
14	9 2506 0020	9 2506 0120	-	-	9 2506 0670
18	9 2506 0010	-	-	-	9 2506 0680
24	9 2506 0050	-	-	-	-



CLAMPS

ORDER NO.	For Cutting	For Type
5 6030 9000	Pipes	5 6030, 5 6043
5 6032 9400	Pipes	5 6032, 5 6042
5 6031 9400	Pipes	5 6031, 5 6041, 5 6078, 5 6040
5 6031 9500	Underground roof supports	5 6031, 5 6041, 5 6078, 5 6040
5 6032 9500	Underground roof supports	5 6032, 5 6042
5 6093 9500	Stand, assembly	5 6093



MISC. ACCESSORIES

ORDER NO.	Pos.	Description
2 1317 9010	1	Hydraulic hose set for types 5 6041 - 43 and 5 6054
9 2406 0260	2	Portable service unit with pressure regulator 3/4"
9 2406 0650	3	Portable service unit with protection housing and pressure regulator 3/4"
9 9902 0120	4	Multi oil for cleaning and protection

More accessories on request



PNEUMATIC SABRE SAW

Lightweight pneumatic sabre saw for universal use, as well in explosive areas.



PNEUMATIC	OPER. PRESSURE 6 Bar	ATEX	
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ORDER NO.	ATEX Specification	Power	Air Consumption	Stroke Length	Number of Strokes	Noise Level LpA/LwA	Vibration Level	Weight
		kW	m ³ /min	mm	rpm	dB(A)	m/s ²	kg
5 1217 0010	II2GExhIIBT5Gb	1.0	1.30	28	1,200	81.0/92.0	12.3 (chipboard) 16.3 (wooden beam)	4.0

Subject to technical change.

Performance data at an operating pressure of 6 bar.

PNEUMATIC SABRE SAW

Pneumatic sabre saw suitable for underground mining.



PNEUMATIC	OPER. PRESSURE 6 Bar	ATEX	
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ORDER NO.	ATEX Specification	Power	Air Consumption	Stroke Length	Number of Strokes	Noise Level LpA/LwA	Vibration Level	Weight
		kW	m ³ /min	mm	rpm	dB(A)	m/s ²	kg
5 1218 0010	IM2ExhIMbT5	1.0	1.30	28	1,200	81.0/92.0	12.3 (chipboard) 16.3 (wooden beam)	7.0

Subject to technical change.

Performance data at an operating pressure of 6 bar.

PNEUMATIC SABRE SAW

Pneumatic sabre saw with increased cutting speed and quick release tool adaptor



PNEUMATIC	OPER. PRESSURE 6 Bar	ATEX	
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ORDER NO.	ATEX Specification	Power	Air Consumption	Stroke Length	Number of Strokes	Noise Level LpA/LwA	Vibration Level	Weight
		kW	m ³ /min	mm	rpm	dB(A)	m/s ²	kg
5 1237 0010		1.8	2.0	28	2,800	90.0/101.0	18.3 (chipboard) 28.3 (wooden beam)	4.9

Subject to technical change.

Performance data at an operating pressure of 6 bar.

HYDRAULIC SABRE SAW

The hydraulic sabre saw with higher drive performance for hardest cutting demands, as well for underwater operation.



HYDRAULIC	OPER. PRESSURE 80 (140) Bar	ATEX		UNDERWATER OPERATION
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ORDER NO.	ATEX Specification	Power	Volume Flow	Stroke Length	Number of Strokes	Noise Level LpA/LwA	Vibration Level	Weight
		kW	l/min	mm	rpm	dB(A)	m/s ²	kg
5 1219 0010	II2GExhIIBT5Gb	1.5	22-50	28	1,500	76.0	15.3 (chipboard) 19.3 (wooden beam)	6.0

Subject to technical change.

Performance data at an operating pressure of 90 (140) bar.

CARRYING CASE

Water and dust-tight resistant plastic carrying case with two strong twin-lightway-rollers and swing out handle

ORDER NO.	Description	For Type
5 1219 9000	Carrying case complete with accessories	5 1219
Contents: Carrying case with inserts ¹ , 1 x Carrying box ²		



CLAMP FOR PIPES

Clamp for rectangular cuts, pipes up to dia. 100mm and 150mm.

ORDER NO.	Description	For Type
5 1217 9500	Clamp for pipes up to dia. 100mm for rectangular cuts	5 1217 - 19
5 1217 9910	Clamp for pipes up to dia. 150mm for rectangular cuts	5 1217 - 19



PERFORMANCE KITS

Performance Kit for increasing the cutting speed for reducing the stagnation pressure (causing a higher noise level as a result).

ORDER NO.	Description	For Type
5 1217 9990	Performance Kit for higher cutting speed	5 1217 - 18



SAW BLADES HSS-BIMETAL

All SPITZNAS saw blades cut on backward stroke. Min. length of blade (freehand operation) = max. cross section + 30mm. Other lengths and tooth pitches on request.

Material
HSS-STEEL

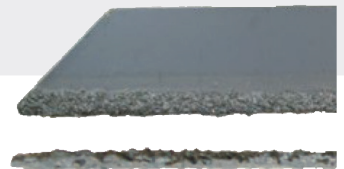


ORDER NO.	Teeth per inch	Length (mm)	Width (mm)	Height (mm)	Plastic	Wood	Wood With Nails	Aluminium (up to 1.5mm wall thickness)	Aluminium (up to 3mm wall thickness)	Aluminium (up to 5mm wall thickness)	Ductile Iron Pipes (cement coated iron)	Cast Iron Pipes (tar coated)	Steel (solid material)	Metal Universal	Non-ferrous Metal	Rust-resistant Steel	High Stress Steel	For Pipes, Profiles and Plates (from 1.5mm cross section)	For Rohreund Profile (from 2mm cross section)	Rough and Fast Cuts	Thin Metal Plates (up to 5mm wall thickness)
9 2505 0200	6	150	0.9	19	X	X														X	
9 2505 0210	6	225	0.9	19	X	X														X	
9 2505 0040	6	280	0.9	19	X	X														X	
9 2505 0100	10	150	0.9	19	X		X			X		X			X	X					
9 2505 0180	10	200	0.9	19	X		X			X		X			X	X					
9 2505 0190	10	250	0.9	19	X		X			X		X			X	X					
9 2505 0020	10	280	0.9	19	X		X			X		X			X	X					
9 2505 0240	10-14	150	0.9	19	X		X					X			X	X	X				
9 2505 0250	10-14	200	0.9	19	X		X					X			X	X	X				
9 2505 0260	10-14	225	0.9	19	X		X					X			X	X	X				
9 2505 0270	10-14	250	0.9	19	X		X					X			X	X	X				
9 2505 0120	14	100	0.9	19			X							X					X		
9 2505 0130	14	150	0.9	19			X							X					X		
9 2505 0140	14	200	0.9	19			X							X					X		
9 2505 0150	14	250	0.9	19			X							X					X		
9 2505 0160	14	280	0.9	19			X							X					X		
9 2505 0080	18	150	0.9	19					X						X			X			
9 2505 0060	24	100	0.9	19				X							X		X				X
9 2505 0110	24	150	0.9	19				X							X		X				X

SAW BLADES HSS-BIMETAL

All SPITZNAS saw blades cut on backward stroke. Min. length of blade (freehand operation) = max. cross section + 30mm. Other lengths and tooth pitches on request.

Material
HM COATED



ORDER NO.	Teeth per inch	Length (mm)	Width (mm)	Height (mm)	Plastic	Wood	Wood With Nails	Aluminium (up to 1.5mm wall thickness)	Aluminium (up to 3mm wall thickness)	Aluminium (up to 5mm wall thickness)	Ductile Iron Pipes (cement coated iron)	Cast Iron Pipes (tar coated)	Steel (solid material)	Metal Universal	Non-ferrous Metal	Rust-resistant Steel	High Stress Steel	For Pipes, Profiles and Plates (from 1.5mm cross section)	For Rohreund Profile (from 2mm cross section)	Rough and Fast Cuts	Thin Metal Plates (up to 5mm wall thickness)	
9 2505 0310	-	200	0.9	19							X	X										

PNEUMATIC RECIPROCATING SAWS

Our favourite pneumatic reciprocating saws with ATEX approval for machine group I and II



PNEUMATIC **OPER. PRESSURE** 6 Bar **ATEX**

ORDER NO.	ATEX Specification	Housing Material	Valve	Power	Number of Strokes	Stroke Length	Air Consumption	Noise Level	Vibration Level	Connection	Hose ID min.	Weight
				kW	rpm	mm	m ³ /min	dB(A)	m/s ²		mm	kg
5 1212 0010	II2GExhIIBT5Gb	Aluminium	Twist	1.1	360	60.0	1.45	76.0	<2.5	R3/4" male	13	7.5
5 1212 0050	II2GExhIIBT5Gb	Aluminium	Lever	1.1	360	60.0	1.45	76.0	<2.5	R3/4" male	13	7.0
5 1212 0010	II2GExhIIMbT5	Zamak	Twist	1.1	360	60.0	1.45	76.0	<2.5	R3/4" male	13	10.6

Subject to technical change.

Performance data at an operating pressure of 6 bar.

HYDRAULIC RECIPROCATING SAWS

Our hydraulic reciprocating saws with powerful drive and increased cutting speed for open circuit



HYDRAULIC **OPER. PRESSURE** 140 Bar **ATEX** **UNDERWATER OPERATION**

ORDER NO.	ATEX Specification	Housing Material	Valve	Power	Number of Strokes	Stroke Length	Volume flow	Noise Level	Vibration Level	Connection	Hose ID min.	Weight
				kW	rpm	mm	l/min	dB(A)	m/s ²		mm	kg
5 1220 0010	II2GExhIIBT5Gb	Aluminium	Twist	2.8	300	60.0	10 - 50	70.0	<2.5	M18 x 1.5	12	10.5
5 1220 0050	II2GExhIIBT5Gb	Aluminium	Lever	2.8	300	60.0	10 - 50	70.0	<2.5	M18 x 1.5	12	10.5
5 1223 0010	II2GExhIIMbT5	Zamak	Twist	2.8	330	60.0	20 - 50	70.0	<2.5	M18 x 1.5	12	13.0
5 1223 0050	II2GExhIIMbT5	Zamak	Lever	2.8	330	60.0	20 - 50	70.0	<2.5	M18 x 1.5	12	13.0

Subject to technical change.

Performance data at an operating pressure of 140 bar.

ELECTRIC RECIPROCATING SAWS

The cutting speed of these electrically driven radio compressed reciprocating saws is infinitely adjustable.



ELECTRIC **OPER. VOLTAGE** 110V / 230 V

ORDER NO.	Housing Material	Valve	Power	Rated Voltage	Protection Class	Degree of Protection	Frequency	Number of Strokes	Stroke Length	Noise Level	Vibration Level	Weight
			kW	V		mm	Hz	rpm	mm	dB(A)	m/s ²	kg
5 1215 0050	Aluminium	Button	1.2	230	II	IP20	50 - 60	60 - 500	60.0	80.0	3.0	7.5
5 1215 0070	Aluminium	Button	1.2	110	II	IP20	40 - 60	60 - 500	60.0	80.0	3.0	7.5

Subject to technical change.

Performance data at an operating pressure of 140 bar.

PNEUMATIC RECIPROCATING SAWS

Our "Heavy Duty" pneumatic reciprocating saws with enhanced bearings of the connection rod.

PNEUMATIC

OPER. PRESSURE
6 Bar

ATEX



ORDER NO.	ATEX Specification	Housing Material	Valve	Power	Number of Strokes	Stroke Length	Air Consumption	Noise Level	Vibration Level	Hose Connection	Hose ID min.	Weight
				kW	rpm	mm	m ³ /min	dB(A)	m/s ²		mm	kg
5 1232 0010	II2GExhIIBT5Gb	Aluminium	Twist	1.1	360	60.0	1.45	76.0	<2.5	R3/4" male	13	7.5
5 1232 0050	II2GExhIIBT5Gb	Aluminium	Lever	1.1	360	60.0	1.45	76.0	<2.5	R3/4" male	13	7.0

Subject to technical change.

Performance data at an operating pressure of 6 bar.

HYDRAULIC RECIPROCATING SAWS

Our "Heavy Duty" hydraulic reciprocating saws for open circuit with enhanced bearings of the connection rod and special sealing for underwater operation.

HYDRAULIC

OPER. PRESSURE
140 Bar

ATEX



UNDERWATER OPERATION



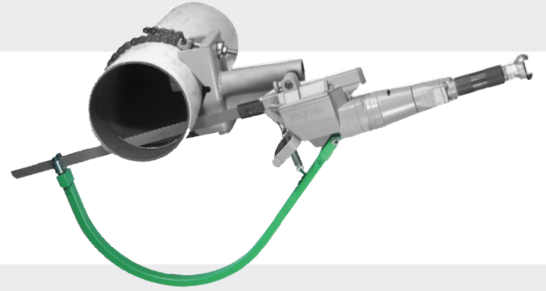
ORDER NO.	ATEX Specification	Housing Material	Valve	Power	Number of Strokes	Stroke Length	Volume flow	Noise Level	Vibration Level	Hose Connection	Hose ID min.	Weight
				kW	rpm	mm	l/min	dB(A)	m/s ²		mm	kg
5 1230 0010	II2GExhIIBT5Gb	Aluminium	Twist	2.8	300	60.0	10 - 50	70.0	<2.5	M18 x 1.5	12	11.0
5 1230 0050	II2GExhIIBT5Gb	Aluminium	Lever	2.8	300	60.0	10 - 50	70.0	<2.5	M18 x 1.5	12	11.0

Subject to technical change.

Performance data at an operating pressure of 140 bar.

BOW GUIDES

ORDER NO.	Description	For pipes up to (mm)	Min. saw blade length (mm)
5 1207 9970	Bow Guide	325	500
5 1207 8910	Bow Guide	530	700
5 1212 9970	Bow Guide	600	900



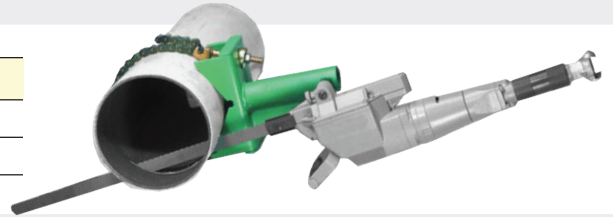
CLAMPS WITH BOW GUIDES

ORDER NO.	Description	For pipes up to (mm)	Min. saw blade length (mm)
5 1207 9930	Clamp with Bow Guide	325	500
5 1207 8930	Clamp with Bow Guide	530	700



CLAMP FOR PIPES

ORDER NO.	Description	For pipes up to (mm)	Min. saw blade length (mm)
5 1202 9960	Clamp for pipes	325	Pipe dia. + 130
5 1202 8940	Clamp for pipes	530	Pipe dia. + 130



EXTENSION LINK CHAINS

Extension link chains for adjusting the clamp to bigger pipe diameters

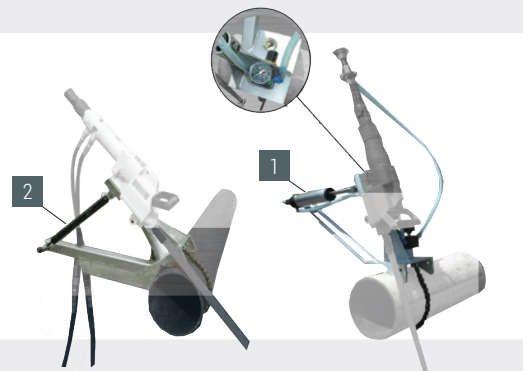
ORDER NO.	Description	Length (mm)
5 1201 9010	Extension Link Chain	500
5 1201 9030	Extension Link Chain	1000
5 1201 9020	Extension Link Chain	2000



AUTOMATIC POWER FEED CLAMPS FOR PIPES

Automatic power feed clamps with pneumatic cylinder or gas pressure spring (without air supply)

ORDER NO.	Position	Description	For pipes up to (mm)
5 1208 9940	1	Clamp with automatic feed with pneumatic cylinder ¹	530
5 1208 9990	2	Clamp with automatic feed with gas pressure spring ²	530



CLAMP FOR PIPES

Clamps for pipes, as well usable for profiles

ORDER NO.	Description	Max. profile width (mm)
5 1207 9910	Clamp for pipes	150
5 1212 9910	Clamp for pipes - reinforced type	250



CLAMP FOR PROFILES

Clamps for profiles for rectangular cuts.

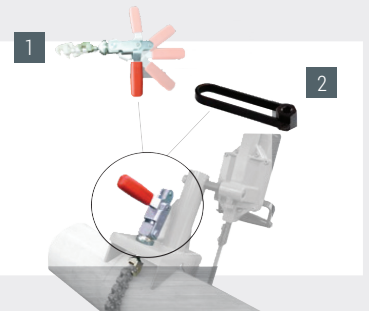
ORDER NO.	Description	Max. profile width (mm)
5 1202 8970	Clamp for profiles	290
5 1207 9940	Clamp for profiles	340



QUICK SPANNERS FOR CLAMPS

Spanner and quick spanners for fast and easy assembling of the clamp

ORDER NO.	Position	Description	For pipes up to (mm)
5 1202 9970	1	Quick Clamp ¹	325
5 1207 8140	2	Tightener ²	325



CLAMP FOR UNDERGROUND ROOF SUPPORTS

Double pivot clamping device particularly for fixing the saw on clamps for underground support

ORDER NO.	Description
5 1214 9000	Double-screw clamp



CLAMP FOR UNDERGROUND ROOF SUPPORTS

Double pivot clamping device particularly for fixing the saw on clamps for underground support

ORDER NO.	Description
5 1208 9910	Double pivot clamping device



MAGNETIC CLAMP

Magnetic clamp for mounting the saw on flat ferrous-metal surfaces

ORDER NO.	Description
5 1213 9500	Magnetic clamp for mounting on flat surfaces



DEVICE FOR MAGNETIC CLAMP

Device for the magnetic clamp for cutting with automatic feed with a gas spring.

ORDER NO.	Description
5 1213 9550	Clamp with gas pressure spring type 5 1213 9500
5 1212 9910	Clamp for pipes dia. 30mm up to dia. 250mm
5 1207 9910	Clamp for pipes dia. 30mm up to dia. 150mm
5 1202 8970	Clamps for profiles up to 290mm
5 1207 9940	Clamps for pipes up to 340mm

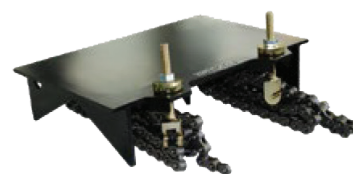


CLAMP FOR PIPES

The clamp is used to fix the magnetic clamp type 5 1213 9500 on pipes.

ORDER NO.	Description
2 1330 8500	Clamp for pipes dia. 150mm up to 500mm for magnetic clamp
5 1201 9030*	Extension link chain for pipes up to dia. 800mm
5 1201 9020*	Extension link chain for pipes up to dia. 1100mm

* 2 pieces are needed for one clamp



ADAPTOR

Adaptor for off-center cutting.
(not usable with automatic clamp 5 1208 9940 and magnetic clamp 5 1213 9500)

ORDER NO.	Description
5 1212 9200	Adaptor for off-center cutting



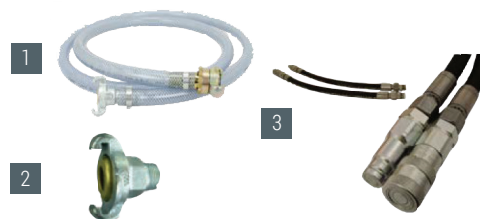
SERVICE UNITS

ORDER NO.	Position	Description
9 2406 0260	1	Portable service unit with pressure regulator 3/4"
9 2406 0650	2	Portable service unit with protection housing and pressure regulator 3/4"



HOSES

ORDER NO.	Position	Description
9 3610 0430	1	Pneumatic pressure hose ID 13mm, 2.5m length, with screw-on claw coupling
9 3610 0420	1	Pneumatic pressure hose ID 16mm, 2.5m length, with screw-on claw coupling
9 3610 0430	1	Pneumatic pressure hose ID 19mm, 2.5m length, with screw-on claw coupling
9 2102 0020	2	Claw coupling, metal sealing, 3/4" ID
5 1030 9200	3	Hydraulic hose set for type 5 1030



MISC. ACCESSORIES

ORDER NO.	Position	Description	For Type
2 2406 9010	1	Safety block (inlet pressure up to 350 bar, max 50 l/min)	5 1220, 5 1223
9 9910 0080	2	Carrying Case	5 1212
5 1212 9000	2	Carrying Case	5 1212, 5 1220, 5 1230
9 9902 0120	3	Multi oil for cleaning and protection	

More accessories on request



SAW BLADES HSS-SL

All SPITZNAS saw blades cut on backward stroke.
length of blade = max. cross section + 130mm. Other lengths and tooth pitches on request.

Material
HSS-STEEL

Quality Class
STANDARD ★☆☆



ORDER NO.	Teeth per inch	Length (mm)	Width (mm)	Height (mm)	Plastic	GRP-Pipe	Hardboard	Asbestos Cement	Concrete Reinforced	Brick	Aluminium (solid material)	Cast Iron	Ductile Iron (cement coated iron)	Cast Iron Pipe (tar coated)	Steel (solid material)	Reinforcing Bar	Non-ferrous Metal (non-precious)	Non-ferrous Metal (precious)	Stainless Steel	Rust-resistant Steel	High Stress Steel (<600 N/mm ²)	
9 2501 0590	4	300	1.5	25	X			X			X											
9 2501 0700	4	530	2.0	28	X			X			X											
9 2501 0050	6	200	1.5	25	X			X			X											
9 2501 0120	6	300	1.5	25	X			X			X											
9 2501 0190	6	400	1.5	25	X			X			X											
9 2501 0230	6	500	2.0	28	X			X			X											
9 2501 0470	6-8	600	2.0	28	X			X			X	X			X		X	X	X	X		
9 2501 0310	6	770	2.0	28	X			X			X											
9 2501 0630	8	200	1.5	25	X		X					X			X			X				
9 2501 0760	8	300	1.5	25	X		X					X			X			X				
9 2501 0660	8	400	1.5	25	X		X					X			X			X				
9 2501 0770	8	500	2.0	25	X						X	X			X		X	X	X	X		
9 2501 0710	8	600	2.0	28	X							X			X			X				
9 2501 0440	12	200	1.5	25	X		X					X			X			X				
9 2501 0130	12	300	1.5	25	X		X					X			X			X				
9 2501 0200	12	400	1.5	25	X		X					X			X			X				
9 2501 0450	12	500	2.0	28	X		X					X			X			X				
9 2501 0670	12	530	2.0	25	X		X					X			X			X				
9 2501 0720	12	770	2.0	28	X		X					X			X			X				
9 2501 0690	12	940	2.0	28	X		X					X			X			X				
9 2501 0020	14	150	1.5	25													X			X	X	
9 2501 0060	14	200	1.5	25													X			X	X	
9 2501 0070	14	250	1.5	25													X			X	X	
9 2501 0140	14	300	1.5	25													X			X	X	
9 2501 0210	14	400	1.5	25													X			X	X	
9 2501 0240	14	500	2.0	28													X			X	X	
9 2501 0460	14	600	2.0	28													X			X	X	
9 2501 0300	14	770	2.0	28							X ¹	X			X		X ¹	X ¹	X	X		
9 2501 0640	16	200	1.5	25													X			X	X	
9 2501 0610	16	300	1.5	25													X			X	X	
9 2501 0620	16	400	1.5	25													X			X	X	

¹ Thin Wall Thickness

SAW BLADES HSS

All SPITZNAS saw blades cut on backward stroke.
length of blade = max. cross section + 130mm. Other lengths and tooth pitches on request.

Material **HSS-SL-STEEL** Quality Class **HIGHEST** ★★ ★★



ORDER NO.	Teeth per inch	Length (mm)	Width (mm)	Height (mm)	Plastic	GRP-Pipe	Hardboard	Asbestos Cement	Concrete Reinforced	Brick	Aluminium (solid material)	Cast Iron	Ductile Iron (cement coated iron)	Cast Iron Pipe (tar coated)	Steel (solid material)	Reinforcing Bar	Non-ferrous Metal (non-precious)	Non-ferrous Metal (precious)	Stainless Steel	Rust-resistant Steel	High Stress Steel (<600 N/mm ²)
9 2501 0740	6	770	2.0	28	X		X					X			X			X	X		X
9 2501 0680	12	530	2.0	28	X		X					X			X			X	X		X
9 2501 0730	12	770	2.0	28	X		X					X			X			X	X		X
9 2501 0320	16	150	1.5	25													X		X	X	X
9 2501 0330	16	200	1.5	25													X		X	X	X
9 2501 0340	16	250	1.5	25													X		X	X	X
9 2501 0350	16	300	1.5	25													X		X	X	X
9 2501 0600	16	350	1.5	25													X		X	X	X
9 2501 0360	16	400	1.5	25													X		X	X	X
9 2501 0370	16	500	2.0	25													X		X	X	X
9 2501 0550	16	600	2.0	28													X		X	X	X
9 2501 0380	16	770	2.0	28													X		X	X	X
9 2501 0750	16	940	2.0	28													X		X	X	X

SAW BLADES HSS

All SPITZNAS saw blades cut on backward stroke.
length of blade = max. cross section + 130mm. Other lengths and tooth pitches on request.

Material **HSS-STEEL** Quality Class **HIGHEST** ★★ ★★



ORDER NO.	Teeth per inch	Length (mm)	Width (mm)	Height (mm)	Plastic	GRP-Pipe	Hardboard	Asbestos Cement	Concrete Reinforced	Brick	Aluminium (solid material)	Cast Iron	Ductile Iron (cement coated iron)	Cast Iron Pipe (tar coated)	Steel (solid material)	Reinforcing Bar	Non-ferrous Metal (non-precious)	Non-ferrous Metal (precious)	Stainless Steel	Rust-resistant Steel	High Stress Steel (<600 N/mm ²)
9 2501 1010	6	200	2.25	45	X								X								
9 2501 0900	6	300	2.25	45	X								X								
9 2501 0910	6	400	2.25	45	X								X								
9 2501 0920	6	500	2.25	45	X								X								
9 2501 0930	6	600	2.25	45	X								X								
9 2501 0940	6	700	2.25	45	X								X								
9 2501 0950	6	770	2.25	45	X								X								
9 2501 1110	14	200	2.25	45									X			X					
9 2501 1120	14	300	2.25	45									X			X					
9 2501 0960	14	400	2.25	45									X			X					
9 2501 0890	14	500	2.25	45									X			X					
9 2501 0970	14	600	2.25	45									X			X					
9 2501 1130	14	700	2.25	45									X			X					
9 2501 1140	14	770	2.25	45									X			X					

SAW BLADES "FAST-CUT" HSS

All SPITZNAS saw blades cut on backward stroke.
length of blade = max. cross section + 130mm. Other lengths and tooth pitches on request.

Material
HSS-STEEL

Quality Class
HIGHEST ★★ ★



ORDER NO.	Teeth per inch	Length (mm)	Width (mm)	Height (mm)	Plastic	GRP-Pipe	Hardboard	Asbestos Cement	Concrete Reinforced	Brick	Aluminium (solid material)	Cast Iron	Ductile Iron (cement coated iron)	Cast Iron Pipe (tar coated)	Steel (solid material)	Reinforcing Bar	Non-ferrous Metal (non-precious)	Non-ferrous Metal (precious)	Stainless Steel	Rust-resistant Steel	High Stress Steel (<600 N/mm ²)
9 2509 0010	8	470	2.0	28	X						X	X			X		X	X	X	X	
9 2509 0020	8	570	2.0	28	X						X	X			X		X	X	X	X	
9 2509 0030	8	670	2.0	28	X						X	X			X		X	X	X	X	
9 2509 0040	8	770	2.0	28	X						X	X			X		X	X	X	X	
9 2509 0160	6-8	470	2.0	28	X						X	X			X		X	X	X	X	
9 2509 0170	6-8	570	2.0	28	X						X	X			X		X	X	X	X	
9 2509 0180	6-8	670	2.0	28	X						X	X			X		X	X	X	X	
9 2509 0190	6-8	770	2.0	28	X						X	X			X		X	X	X	X	
9 2509 0310	14	470	2.0	28							X ¹	X			X ¹		X ¹	X ¹	X	X	
9 2509 0320	14	570	2.0	28							X ¹	X			X ¹		X ¹	X ¹	X	X	
9 2509 0330	14	670	2.0	28							X ¹	X			X ¹		X ¹	X ¹	X	X	
9 2509 0340	14	770	2.0	28							X ¹	X			X ¹		X ¹	X ¹	X	X	

¹ Thin Wall Thickness

SAW BLADES "FAST-CUT" HSS-SL

All SPITZNAS saw blades cut on backward stroke.
length of blade = max. cross section + 130mm. Other lengths and tooth pitches on request.

Material
HSS-SL-STEEL

Quality Class
HIGHEST ★★ ★



ORDER NO.	Teeth per inch	Length (mm)	Width (mm)	Height (mm)	Plastic	GRP-Pipe	Hardboard	Asbestos Cement	Concrete Reinforced	Brick	Aluminium (solid material)	Cast Iron	Ductile Iron (cement coated iron)	Cast Iron Pipe (tar coated)	Steel (solid material)	Reinforcing Bar	Non-ferrous Metal (non-precious)	Non-ferrous Metal (precious)	Stainless Steel	Rust-resistant Steel	High Stress Steel (<600 N/mm ²)
9 2509 0510	8	470	2.0	28	X						X	X			X		X	X	X	X	
9 2509 0520	8	570	2.0	28	X						X	X			X		X	X	X	X	
9 2509 0530	8	670	2.0	28	X						X	X			X		X	X	X	X	
9 2509 0540	8	770	2.0	28	X						X	X			X		X	X	X	X	
9 2509 0660	6-8	470	2.0	28	X						X	X			X		X	X	X	X	
9 2509 0670	6-8	570	2.0	28	X						X	X			X		X	X	X	X	
9 2509 0680	6-8	670	2.0	28	X						X	X			X		X	X	X	X	
9 2509 0690	6-8	770	2.0	28	X						X	X			X		X	X	X	X	
9 2509 0810	14	470	2.0	28							X ¹	X			X		X ¹	X ¹	X	X	
9 2509 0820	14	570	2.0	28							X ¹	X			X		X ¹	X ¹	X	X	
9 2509 0830	14	670	2.0	28							X ¹	X			X		X ¹	X ¹	X	X	
9 2509 0840	14	770	2.0	28							X ¹	X			X		X ¹	X ¹	X	X	

¹ Thin Wall Thickness

SAW BLADES HSS-BIMETAL-VP7

All SPITZNAS saw blades cut on backward stroke.
length of blade = max. cross section + 130mm.
Other lengths and tooth pitches on request.

Material
HSS-BIMETAL-VP7

Quality Class
HIGHEST ★★ ★



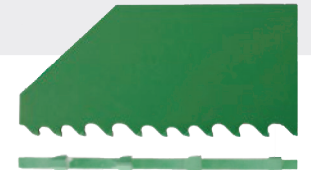
ORDER NO.	Teeth per inch	Length (mm)	Width (mm)	Height (mm)	Plastic	GRP-Pipe	Hardboard	Asbestos Cement	Concrete Reinforced	Brick	Aluminium (solid material)	Cast Iron	Ductile Iron (cement coated iron)	Cast Iron Pipe (tar coated)	Steel (solid material)	Reinforcing Bar	Non-ferrous Metal (non-precious)	Non-ferrous Metal (precious)	Stainless Steel	Rust-resistant Steel	High Stress Steel (<600 N/mm ²)	
9 2504 0710	3-4	500	2.0	28	X		X				X				X	X	X	X	X	X	X	X
9 2504 0720	3-4	600	2.0	28	X		X				X				X	X	X	X	X	X	X	X
9 2504 0730	3-4	770	2.0	28	X		X				X				X	X	X	X	X	X	X	X
9 2504 0560	4-7	500	2.0	28	X		X				X				X	X	X	X	X	X	X	X
9 2504 0570	4-7	600	2.0	28	X		X				X				X	X	X	X	X	X	X	X
9 2504 0580	4-7	770	2.0	28	X		X				X				X	X	X	X	X	X	X	X

SAW BLADES CARBIDE-TIPPED

All SPITZNAS saw blades cut on backward stroke.
length of blade = max. cross section + 130mm.
Other lengths and tooth pitches on request.

Material
CARBIDE-TIPPED

Quality Class
HIGHEST ★★ ★



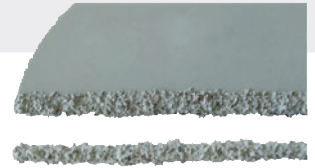
ORDER NO.	Teeth per inch	Length (mm)	Width (mm)	Height (mm)	Plastic	GRP-Pipe	Hardboard	Asbestos Cement	Concrete Reinforced	Brick	Aluminium (solid material)	Cast Iron	Ductile Iron (cement coated iron)	Cast Iron Pipe (tar coated)	Steel (solid material)	Reinforcing Bar	Non-ferrous Metal (non-precious)	Non-ferrous Metal (precious)	Stainless Steel	Rust-resistant Steel	High Stress Steel (<600 N/mm ²)	
9 2504 0460	3	630	1.6	54	X						X				X	X	X		X	X	X	X
9 2504 0480	3	500	1.6	54	X						X				X	X	X		X	X	X	X
9 2504 0470	3	770	1.6	54	X						X				X	X	X		X	X	X	X

SAW BLADES HSS-CARBIDE-COATED

All SPITZNAS saw blades cut on backward stroke.
length of blade = max. cross section + 130mm.
Other lengths and tooth pitches on request.

Material
HSS-CARBIDE-COATED

Quality Class
STANDARD ★☆☆



ORDER NO.	Teeth per inch	Length (mm)	Width (mm)	Height (mm)	Plastic	GRP-Pipe	Hardboard	Asbestos Cement	Concrete Reinforced	Brick	Aluminium (solid material)	Cast Iron	Ductile Iron (cement coated iron)	Cast Iron Pipe (tar coated)	Steel (solid material)	Reinforcing Bar	Non-ferrous Metal (non-precious)	Non-ferrous Metal (precious)	Stainless Steel	Rust-resistant Steel	High Stress Steel (<600 N/mm ²)	
9 2504 0350	-	300	2.5	32								X	X	X								
9 2504 0430	-	400	2.5	32								X	X	X								
9 2504 0420	-	500	2.5	32								X	X	X								
9 2504 0440	-	600	2.5	32								X	X	X								
9 2504 0450	-	700	2.5	32								X	X	X								

SAW BLADES HSS-SL-CARBIDE-COATED

All SPITZNAS saw blades cut on backward stroke.
length of blade = max. cross section + 130mm.
Other lengths and tooth pitches on request.

Material
HSS-SL-CARBIDE-COATED

Quality Class
STANDARD ★☆☆



ORDER NO.	Teeth per inch	Length (mm)	Width (mm)	Height (mm)	Plastic	GRP-Pipe	Hardboard	Asbestos Cement	Concrete Reinforced	Brick	Aluminium (solid material)	Cast Iron	Ductile Iron (cement coated iron)	Cast Iron Pipe (tar coated)	Steel (solid material)	Reinforcing Bar	Non-ferrous Metal (non-precious)	Non-ferrous Metal (precious)	Stainless Steel	Rust-resistant Steel	High Stress Steel (<600 N/mm ²)	
9 2504 0500	-	300	2.0	28								X	X	X								
9 2504 0510	-	400	2.0	28								X	X	X								
9 2504 0520	-	500	2.0	28								X	X	X								
9 2504 0530	-	600	2.0	28								X	X	X								
9 2504 0540	-	700	2.0	28								X	X	X								
9 2504 0550	-	770	2.0	28								X	X	X								

SAW BLADES CARBIDE-TIPPED

All SPITZNAS saw blades cut on backward stroke.
length of blade = max. cross section + 130mm.
Other lengths and tooth pitches on request.

Material
CARBIDE-TIPPED

Quality Class
STANDARD ★☆☆



ORDER NO.	Teeth per inch	Length (mm)	Width (mm)	Height (mm)	Plastic	GRP-Pipe	Hardboard	Asbestos Cement	Concrete Reinforced	Brick	Aluminium (solid material)	Cast Iron	Ductile Iron (cement coated iron)	Cast Iron Pipe (tar coated)	Steel (solid material)	Reinforcing Bar	Non-ferrous Metal (non-precious)	Non-ferrous Metal (precious)	Stainless Steel	Rust-resistant Steel	High Stress Steel (<600 N/mm ²)	
9 2504 0610	4	300	1.8	50		X		X	X	X		X	X	X								
9 2504 0620	4	400	1.8	50		X		X	X	X		X	X	X								
9 2504 0630	4	500	1.8	50		X		X	X	X		X	X	X								
9 2504 0640	4	600	1.8	50		X		X	X	X		X	X	X								
9 2504 0650	4	700	1.8	50		X		X	X	X		X	X	X								

PNEUMATIC PISTOL DRILLS

The manageable and universally usable pistol drill with drill chuck up to diameter 13mm, can be used in explosive areas and for underwater operation.



PNEUMATIC	OPER. PRESSURE 6 Bar	ATEX	UNDERWATER OPERATION
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ORDER NO.	ATEX Specification	Drill Chuck up to (geared chuck)	Drilling Capacity in steel (dia.)	Speed (free)	Power	Air Consumption	Noise Level LpA/LwA	Vibration Level	Weight
		mm	mm	rpm	kW	m ³ /min	dB(A)	m/s ²	kg
2 1260 0010	IM2ExhIMb II2GExhIIBT6Gb	10	10	1,550	0.5	0.60	84.0	<2.5	2.1
2 1261 0010	IM2ExhIMb II2GExhIIBT6Gb	13	13	850	0.5	0.60	84.0	<2.5	2.3
2 1267 0010 ¹	II2GExhIIBT6Gb	10	10	1,550	0.5	0.60	84.0	<2.5	2.1
2 1268 0010 ¹	II2GExhIIBT6Gb	13	13	850	0.5	0.60	84.0	<2.5	2.3

Subject to technical change.

¹ usable for underwater operation

Performance data at an operating pressure of 6 bar.

PNEUMATIC PISTOL HAMMER DRILLS

The pistol hammer drill for drilling in concrete, stone, masonry up to dia. 20mm and iron and steel up to diameter 13mm. Hammer mechanism can easily be switched on and off, can be used for underwater operation.



PNEUMATIC	OPER. PRESSURE 6 Bar	ATEX	UNDERWATER OPERATION
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ORDER NO.	ATEX Specification	Drill Chuck up to (geared chuck)	Drilling Capacity in steel	masonry	Speed (free)	Power	Air Consumption	Noise Level LpA/LwA	Vibration Level	Weight
		mm	mm	mm	rpm	kW	m ³ /min	dB(A)	m/s ²	kg
2 1262 0010	IM2ExhIMb II2GExhIIBT6Gb	13	13	20	950	0.5	0.60	84.0	<2.5	3.3
2 1266 0010 ¹	II2GExhIIBT6Gb	13	13	20	950	0.5	0.60	84.0	<2.5	3.3

Subject to technical change.

¹ usable for underwater operation

Performance data at an operating pressure of 6 bar.

PNEUMATIC DRILL WITH D-HANDLE

The ideal drill with D-handle for drilling up to diameter 13mm or 15mm, as well usable in explosive areas (underground coal mining)



PNEUMATIC	OPER. PRESSURE 6 Bar	ATEX
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ORDER NO.	ATEX Specification	Drill Chuck	Drilling Capacity in steel (dia.)	Speed (free)	Power	Air Consumption	Noise Level LpA/LwA	Vibration Level	Weight
			mm	rpm	kW	m ³ /min	dB(A)	m/s ²	kg
2 1310 0010	IM2ExhIMbT6	geared chuck	13	650	0.65	0.68	89.0	<2.5	5.7
2 1310 0020	IM2ExhIMbT6	quick-release chuck	13	650	0.65	0.68	89.0	<2.5	5.7
2 1311 0010	IM2ExhIMbT6	MT1	15	650	0.65	0.68	89.0	<2.5	5.4

Subject to technical change.

Performance data at an operating pressure of 6 bar.

PNEUMATIC DRILL WITH D-HANDLE

Handy and for universal use, drill chuck up to 13mm drilling diameter, speed adjustable with 4 steps switch, rotation left or right (reversible) as well usable in explosive areas.



PNEUMATIC	OPER. PRESSURE 6 Bar	ATEX
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ORDER NO.	ATEX Specification	Drill Chuck up to (geared chuck)	Drilling Capacity in steel (dia.)	Speed (free)	Power	Air Consumption	Noise Level LpA/LwA	Vibration Level	Weight
		mm	mm	rpm	kW	m ³ /min	dB(A)	m/s ²	kg
2 1362 0010	II2GExhIIBT5Gb	13	30	450/650/850/1,000 reversible	1.0	1.15	84.0	<2.5	3.7

Subject to technical change.

Performance data at an operating pressure of 6 bar.

PNEUMATIC CORNER DRILLS

The pneumatic corner drills can be used for drilling and reaming of steel with drill chuck MT1 up to MT4. Safety lever valve or safety twist throttle are available.



PNEUMATIC

OPER. PRESSURE
6 Bar

ATEX



ORDER NO.	ATEX Specification	Drill Chuck	Valve Type	Direction of Rotation	Max. drilling diameter in steel	Speed (under load)	Power	Air Consumption	Noise Level LpA/LwA	Vibration Level	Weight
				rpm	mm	mm	kW	m ³ /min	dB(A)	m/s ²	kg
2 1602 0030		MT1	Safety twist throttle	right	15.0	500	0.50	0.60	98.0	<2.5	3.4
2 1701 0010	IM2ExhIMbT6	MT2	Safety lever valve	right	23.0	270	1.33	1.40	92.0	3.3	8.5
2 1701 0030	IM2ExhIMbT6	MT2	Safety twist throttle	right	23.0	270	1.33	1.40	92.0	3.3	8.5
2 1801 0010	IM2ExhIMbT6	MT3	Safety lever valve	right	32.0	260	1.92	1.80	93.0	3.5	11.5
2 1801 0030	IM2ExhIMbT6	MT3	Safety twist throttle	right	32.0	260	1.92	1.80	93.0	3.5	11.5
2 1807 0010		MT3	Safety lever valve	right	32.0	260	1.92	1.80	92.8	3.35	11.5
2 1807 0030		MT3	Safety twist throttle	right	32.0	260	1.92	1.80	92.8	3.35	11.5
2 2104 0030		MT4	Safety twist throttle	right/left	55.0	180	2.20	2.00	90.0	<2.5	17.0

Subject to technical change.

Performance data at an operating pressure of 6 bar.

HYDRAULIC CORNER DRILL

The hydraulic corner drill for drilling and reaming of steel with MT3 drill chuck

HYDRAULIC

OPER. PRESSURE
140 Bar

ORDER NO.	ATEX Specification	Drill Chuck	Valve Type	Direction of Rotation	Max. drilling diameter in steel	Speed (under load)	Power	Volume flow	Noise Level LpA/LwA	Vibration Level	Weight
					mm	rpm	kW	l/min	dB(A)	m/s ²	kg
2 1806 0010		MT3	Safety Lever Valve	right	32.0	220	2.8	15 - 50	76.0	2.5	11.2

Subject to technical change.

Performance data at an operating pressure of 140 bar.

PNEUMATIC HAMMER DRILLS

The pneumatic hammer drill with SDS-plus shank for drilling up to diameter 28mm in concrete. The impact mechanism can be switched on and off.



PNEUMATIC	OPER. PRESSURE 6 Bar	ATEX
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ORDER NO.	ATEX Specification	Tool Holder	Drilling capacity in concrete dia.	Speed (free)	Blows per minute	Power	Air Consumption	Noise Level LpA/LwA	Vibration Level	Weight
			mm	rpm	rpm	kW	m ³ /min	dB(A)	m/s ²	kg
2 2404 0010	I12GExhIIBT6Gb	SDS-plus	2 - 28	625	3,000	0.5	0.60	93.0	4.5	6.3
2 2408 0010	I1M2ExhIMbT6	SDS-plus	5 - 28	625	3,000	0.5	0.60	93.0	4.5	9.5

Subject to technical change.

Performance data at an operating pressure of 6 bar.

PNEUMATIC HAMMER DRILLS

The pneumatic hammer drill with SDS-plus shank for drilling up to diameter 28mm in concrete. The impact mechanism can be switched on and off. The hammer drill can be used for underwater operation



PNEUMATIC	OPER. PRESSURE 6 Bar	ATEX	UNDERWATER OPERATION
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ORDER NO.	ATEX Specification	Tool Holder	Drilling capacity in concrete dia.	Speed (free)	Blows per minute	Power	Air Consumption	Noise Level LpA/LwA	Vibration Level	Weight
			mm	rpm	rpm	kW	m ³ /min	dB(A)	m/s ²	kg
2 2404 0020	I12GExhIIBT6Gb	SDS-plus	5 - 28	625	3,000	0.5	0.60	93.0	4.5	6.3

Subject to technical change.

Performance data at an operating pressure of 6 bar.

PNEUMATIC HAMMER DRILLS

The pneumatic hammer drill with SDS-max shank for drilling up to diameter 50mm in concrete. The impact mechanism can be switched on and off. The hammer drill can be used for underwater operation.



PNEUMATIC	OPER. PRESSURE 6 Bar	ATEX	UNDERWATER OPERATION
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ORDER NO.	ATEX Specification	Tool Holder	Drilling capacity in concrete dia.	Speed (free)	Blows per minute	Power	Air Consumption	Noise Level LpA/LwA	Vibration Level	Weight
			mm	rpm	rpm	kW	m ³ /min	dB(A)	m/s ²	kg
2 2417 0010	I12GExhIIBT6Gb	SDS-max	12 - 50	250	2,500	1.5	1.50	90.0	9.2	13.3

Subject to technical change.

Performance data at an operating pressure of 6 bar.

HYDRAULIC HAMMER DRILLS

The pneumatic hammer drill with SDS-plus shank for drilling up to diameter 28mm in concrete. The impact mechanism can be switched on and off. The hammer drill can be used for under water operation. Type 2 2426 0010 with integrated pressure relief valve (inlet pressure max. 140 bar).

Hydraulic hose set quick-coupling
1/2" FF-Flat-Face coupling, ISO 16028, 1/2" BSP/BG2

HYDRAULIC	OPER. VOLTAGE 80 / 140 ¹ Bar	UNDERWATER OPERATION
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ORDER NO.	ATEX Specification	Tool Holder	Drilling capacity in concrete dia.	Speed (free)	Blows per minute	Power	Volume flow	Noise Level LpA/LwA	Vibration Level	Weight
			mm	rpm	rpm	kW	l/min	dB(A)	m/s ²	kg
2 2406 0010	I12GExhIIBT5Gb	SDS-plus	5 - 28	500	3,400	1.2	15 - 45	92.0	4.5	8.2
2 2426 0010 ¹	I12GExhIIBT5Gb	SDS-plus	5 - 28	500	3,400	1.2	15 - 25	92.0	4.5	8.2

Subject to technical change.

¹ with integrated pressure relief valve

Performance data at an operating pressure of 80 bar.



HARD METAL HAMMER DRILL BITS SDS-PLUS

ORDER NO.	Drill bit dia (mm)	Usable length (mm)	ORDER NO.	Drill bit dia (mm)	Usable length (mm)
9 2513 1550	5	100	9 2513 1640	14	200
9 2513 1560	6	100	9 2513 1660	16	250
9 2513 1570	8	100	9 2513 1680	20	250
9 2513 1580	10	100	9 2513 1700	22	200
9 2513 1590	10	200	9 2513 1710	22	400
9 2513 1610	12	100	9 2513 1730	25	200
9 2513 1620	12	200	9 2513 1740	25	400
9 2513 1630	14	100			



MISC. ACCESSORIES

ORDER NO.	Position	Description	For Type
9 2902 0200	1	Quick-release chuck for dia 1.5mm to 13mm shank	
9 2902 0210	2	Adaptor SDS-plus for quick release chuck	
2 2404 9950	2	Adaptor SDS-plus R 1/2"	
2 2406 9010	3	Hydraulic hose set	2 2406, 2 2426
2 2406 9800	4	Safety block (inlet pressure up to 140 bar, max 25 l/min)	2 2406
2 2406 9900	4	Safety block (inlet pressure up to 350 bar, max 50 l/min)	2 2406
9 2406 0260	5	Service unit, portable, pressure regulator 3/4"	2 2404, 2 2408
9 2406 0650	6	Service unit, portable, protection housing, pressure regulator 3/4"	2 2404, 2 2408
9 9910 0050	7	Carrying Case	2 2404, 2 2408
5 1212 9000	7	Carrying Case	2 2406, 2 2426
9 9902 0120	8	Multi oil for cleaning and protection	

More accessories on request




PNEUMATIC AXIAL FANS

Our mobile pneumatic axial fans with 300mm nominal diameter for various ventilation works. Electrical grounding required.



PNEUMATIC  **OPER. PRESSURE**
5 Bar **ATEX** 

ORDER NO.	 ATEX Specification	Nominal diameter		Max. Operating Pressure	Air Consumption	Volume Flow (unrestricted)	Noise Level LpA/LwA	Weight
		mm	mm					
8 1601 0300		300	350	5	0.58	0.78	87.0	13.0
8 1602 0300		300	350	5	1.16	1.00	85.0	13.0
8 1603 0300*		300	370	5	0.58	0.78	85.0	14.0
8 1611 0300	II2GExhIIBT6Gb	300	350	5	0.45	0.57	85.7	13.0
8 1613 0300*	II2GExhIIBT6Gb	300	380	5	0.45	0.57	85.7	14.5

Subject to technical change.

* with separate exhaust connection

Performance data at an operating pressure of 5 bar.


ELECTRIC AXIAL FANS

Our mobile electric axial fans with 300mm nominal diameter and protection class IP55 for various ventilation works. Electrical grounding required.

110V ALSO AVAILABLE



ELECTRIC  **OPER. VOLTAGE**
230V / 400 V **ATEX** 

ORDER NO.	 ATEX Specification	Nominal diameter		Motor Output	Nominal Voltage	Current Consumption at nom. voltage	Alternating Current single-phase	Alternating Current three-phase	Volume Flow (unrestricted)	Noise Level LpA/LwA	Weight
		mm	mm								
8 1020 0140	II2GExhIIBT3Gb	300	390	0.35	230/400	1.6 / 0.92		50	1.00	85.7	20.0
8 1020 0870	II2GExhIIBT3Gb	300	390	0.37	230	2.3	50		1.00	84.8	20.5

Subject to technical change.

Performance data at an nominal voltage of 230V / 400V


PNEUMATIC AXIAL FANS

Our stationary pneumatic axial fans with 300mm nominal diameter for various ventilation works. Electrical grounding required.

110V ALSO AVAILABLE



PNEUMATIC  **OPER. PRESSURE**
4 Bar **ATEX** 

ORDER NO.	 ATEX Specification	Nominal diameter		Max. Operating Pressure	Air Consumption	Volume Flow (unrestricted)	Noise Level LpA/LwA	Weight
		mm	mm					
8 1501 0300		300	407	1.28	1.28	1.53	101.0	22.0
8 1531 0300	II2GExhIIBT6Gb	300	407	1.28	1.28	1.53	101.0	22.0



Subject to technical change.


Performance data at an operating pressure of 4 bar.

PNEUMATIC AXIAL FANS

Our stationary pneumatic axial fans with **400mm nominal diameter** and increased air flow. **Electrical grounding required.**



PNEUMATIC  **OPER. PRESSURE**
4 Bar **ATEX** 

ORDER NO.	 ATEX Specification	Nominal diameter	Length	Max. Operating Pressure	Air Consumption	Volume Flow (unrestricted)	Noise Level LpA/LwA	Weight
		mm	mm	bar	m ³ /min	m ³ /s	dB(A)	kg
8 1502 0300		400	417	4	2.11	2.70	92.0	32.0
8 1532 0300	II2GExhIIBT6Gb	400	417	4	2.11	2.70	92.0	32.0



Subject to technical change.


Performance data at an operating pressure of 4 bar.

PNEUMATIC AXIAL FANS

Our stationary pneumatic axial fans with **500mm nominal diameter** with increased conveying volume and a volume flow of more than 4 m³/s. **Electrical grounding required.**



PNEUMATIC  **OPER. PRESSURE**
4 bar **ATEX** 

ORDER NO.	 ATEX Specification	Nominal diameter	Length	Max. Operating Pressure	Air Consumption	Volume Flow (unrestricted)	Noise Level LpA/LwA	Weight
		mm	mm	bar	m ³ /min	m ³ /s	dB(A)	kg
8 1503 0300		500	515	4	2.73	4.33	90.0	46.0
8 1533 0300	II2GExhIIBT6Gb	500	515	4	2.73	4.33	90.0	46.0



Subject to technical change.


Performance data at an operating pressure of 4 bar.

PNEUMATIC AXIAL FANS

Our stationary pneumatic axial fans with **600mm nominal diameter** with a volume flow of more than 5 m³/s. **Electrical grounding required.**



PNEUMATIC  **OPER. PRESSURE**
4 Bar **ATEX** 

ORDER NO.	 ATEX Specification	Nominal diameter	Length	Max. Operating Pressure	Air Consumption	Volume Flow (unrestricted)	Noise Level LpA/LwA	Weight
		mm	mm	bar	m ³ /min	m ³ /s	dB(A)	kg
8 1501 0300		600	520	4	3.84	5.83	86.0	58.0
8 1531 0300	II2GExhIIBT6Gb	600	520	4	3.84	5.83	86.0	58.0

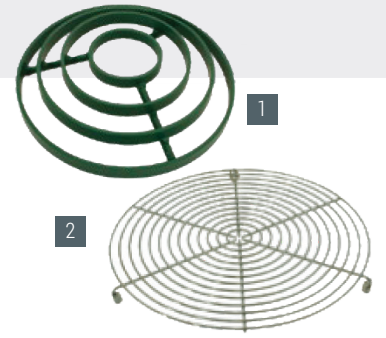
Subject to technical change.

Performance data at an operating pressure of 4 bar.

PROTECTIVE GRILL

Safety protective grills are additionally required during operation without pipes or tubes. (*including assembling screws)

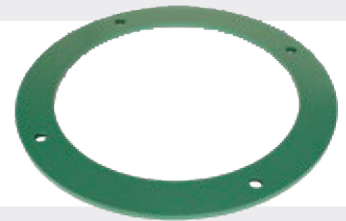
For Type	Pos.	For nominal diameter / ORDER NO.			
		300mm	400mm	500mm	600mm
8 1501 - 8 1534	1	8 1501 7010	8 1502 7010	8 1503 7010	8 1504 7010
8 1501 - 8 1534	2	8 1501 9010*	8 1502 9010*	8 1503 9010*	8 1504 9010*
8 1020, 8 1601 - 03, 8 1611 - 13	2	8 1501 9010*			



FLANGE

Flanges according to DIN 21 603 are needed when the fan has to be mounted to flanged suction pipes or to the discharge pipes

Description	For nominal diameter / ORDER NO.			
	300mm	400mm	500mm	600mm
Flange according to DIN 21 603	9 3001 0010	9 3001 0020	9 3001 0030	9 3001 0040



CONNECTING PIECE, ANTI-STATIC

Connecting piece is mounted between the fan and the air duct. it can be installed at the suction side and at the discharge side.

Description	For nominal diameter / ORDER NO.			
	300mm	400mm	500mm	600mm
Connecting piece	9 3709 0260	9 3709 0270	9 3709 0280	9 3709 0290



QUICK COLLAR, ANTI-STATIC

Quick collar joins the connection piece and the duct.

Description	For nominal diameter / ORDER NO.			
	300mm	400mm	500mm	600mm
Quick collar	9 3709 0300	9 3709 0310	9 3709 0320	9 3709 0330



AIR DUCT, ANTI-STATIC, 5 M

Air duct is flexible and adapts itself perfectly to any shape up to 5m. It can be extended variably by using the quick collar.

Description	For nominal diameter / ORDER NO.			
	300mm	400mm	500mm	600mm
Air duct	9 3709 0220	9 3709 0230	9 3709 0240	9 3709 0250



ADAPTOR

Adaptor reduces the fan diameter to various location situations.

Description	For nominal diameter 300mm to / ORDER NO.			
	dia. 80mm	dia. 100mm	dia. 150mm	dia. 200mm
Adaptor	9 3703 280	9 3703 290	9 3703 0300	9 3703 0050



Cengar Saws PL905
Pneumatic



Cengar Saws CL75
Pneumatic



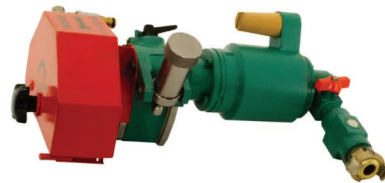
Cengar Saws JSZ
Pneumatic



Spitznas Chainsaws
Pneumatic & Hydraulic



Spitznas Pipe Cutting Machines
Pneumatic & Hydraulic



Spitznas Vertical & Angle Grinders
Pneumatic & Hydraulic



Spitznas Impact Wrenches
Pneumatic & Hydraulic



Spitznas Core Drill Units
Pneumatic & Hydraulic



Spitznas Nutrunners
Pneumatic & Hydraulic



Spitznas Circular Saws
Pneumatic & Hydraulic



Pneumatic Tools For
Hydrogen Environment



Trelawny Needle Chisels
and Scrapers Pneumatic



Wolf Torches



Wolf Floodlights



Low Voltage
Cable Hand Lamps





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