

ROTARY HAMMER DRILLS

- PNEUMATIC
- HYDRAULIC

ATEX
Guideline 94/9 EC



ROTARY HAMMER DRILLS

PNEUMATIC

Adapter : SDS-plus



Order No. 2 2404 0010
2 2408 0010
(for use in underground mining)

for underwater use :
2 2404 0040
(with exhaust air connection)



SDS - plus

Fig.: Pneumatic - Rotary Hammer Drill 2 2404 0010

Adapter : SDS-max

Order No. 2 2417 0010
(with exhaust air connection)

For concrete work and for underwater use.



SDS - max

Fig.: Pneumatic - Rotary Hammer Drill 2 2417 0010

HYDRAULIC

Adapter : SDS-plus

Order No. 2 2406 0010
(without pressure hose set)

For concrete work and for underwater use.

Accessories :

Order No. 2 2406 9010 Hydraulic pressure
hose set



SDS - plus

Fig.: Hydraulic - Rotary Hammer Drill 2 2406 0010

Adapter : SDS-max

Order No. 2 2418 0010
(without pressure hose set)

For concrete work and for underwater use.

Accessories :

Order No. 2 2406 9010 Hydraulic pressure
hose set



SDS - max

Fig.: Hydraulic - Rotary Hammer Drill 2 2418 0010

TECHNICAL SPECIFICATION, ACCESSORIES

TECHNICAL SPECIFICATION (Subject to change without notice)

Type	Adapter	Free Speed	Power	Blows per Minute	Drilling Capacity	Air Consumption	Length incl. Drill Chuck	Noise Level	Vibration Level	Connection	ID of Hose	Weight	
Type		rpm	kW	rpm	mm	m ³ /min	mm	dB(A)	m/s ²		mm	kg	
PNEUMATIC													
2 2404 0010	II2GcT6	SDS-plus	420	0.50	3,000	25 concrete	0.60	410	93	4.5	R 1/2" female	10	6.3
2 2408 0010	IM2cT6	SDS-plus	420	0.50	3,000	25 concrete	0.60	410	93	4.5	Rd 32 x 1/8"	10	9.5
2 2404 0040	II2GcT6	SDS-plus	420	0.50	3,000	25 concrete	0.60	410	93	4.5	R 1/2" female	10	6.6
2 2417 0010		SDS-max	250	1.20	2,500	32 concrete/ 80 masonry	1.50	490	90.4	9.2	R 1/2" female	13	15.8
Performance data at an operating pressure (flow pressure) of 6 bar													
Type	Adapter	Free Speed	Power	Blows per Minute	Drilling Capacity	Oil Flow	Length incl. Drill Chuck	Noise Level	Vibration Level	Connection		Weight	
Type		rpm	kW	rpm	mm	l/min	mm	dB(A)	m/s ²			kg	
HYDRAULIC													
2 2406 0010*		SDS-plus	625	0.60	4,460	25 concrete	10-50	475	92	4.5	3/4"-16 UNF		8.2
2 2418 0010*		SDS-max	250	1.30	2,500	32 concrete/ 80 masonry	10-50	495	92	9.0	3/4"-16 UNF		14.0
Performance data at an operating pressure (flow pressure) of 100 bar													

ACCESSORIES



Drill Bits, SDS-plus Shank, 10 mm Diameter

Order No.	Dia. x Overall Length	Spiral Length	Order No.	Dia. x Overall Length	Spiral Length	Order No.	Dia. x Overall Length	Spiral Length
	mm	mm		mm	mm		mm	mm
9 2513 1550	5 x 160	100	9 2513 1610	12 x 160	100	9 2513 1680	20 x 300	250
9 2513 1560	6 x 160	100	9 2513 1620	12 x 260	200	9 2513 1700	22 x 250	200
9 2513 1570	8 x 160	100	9 2513 1630	14 x 160	100	9 2513 1710	22 x 450	400
9 2513 1580	10 x 160	100	9 2513 1640	14 x 260	200	9 2513 1730	25 x 250	200
9 2513 1590	10 x 260	200	9 2513 1660	16 x 300	250	9 2513 1740	25 x 450	400

Type : Robust hard metal cutting plate with diamond grinded cone point, spacious conveying grooves with advantageous helix, which remove perfectly the produced drill dust. Shank made of first-class special steel, **SDS-plus quick-release chuck** (2 lengthwise slots and 2 round grooves at the shank end).

Used for : Drilling in concrete, masonry and natural stone

Note : When drilling over 500 mm, drill a pilot hole with a shorter bit of the same diameter



SDS - plus

Drill Bits, SDS-max Shank, 18 mm Diameter

Order No.	Dia. x Overall Length	Spiral Length	Order No.	Dia. x Overall Length	Spiral Length	Order No.	Dia. x Overall Length	Spiral Length
	mm	mm		mm	mm		mm	mm
9 2513 1810	12 x 340	200	9 2513 1890	20 x 320	200	9 2513 1960	40 x 370	250
9 2513 1820	12 x 540	400	9 2513 1900	20 x 520	400	9 2513 1970	40 x 570	450
9 2513 1830	14 x 340	200	9 2513 1920	24 x 320	200	9 2513 1980	45 x 570	450
9 2513 1840	14 x 540	400	9 2513 1930	24 x 520	400	9 2513 1990	50 x 570	450
9 2513 1850	16 x 340	200	9 2513 1940	30 x 370	250			
9 2513 1860	16 x 540	400	9 2513 1950	30 x 570	450			

Type : Drill head with square cross-section, variable conveying groove for perfect removal of the drill dust, **SDS-max quick-release chuck** (3 lengthwise slots and 2 round grooves at the shank end). The X-shape of the cutters prevent from hooking the drill in armouring.

Used for : Drilling in concrete, masonry and natural stone

Note : When drilling over 500 mm, drill a pilot hole with a shorter bit of the same diameter



SDS - max

ADDITIONAL ACCESSORIES / DRILLS

ADDITIONAL ACCESSORIES



Description	Air connection / for Type	Part No.
Quick-release chuck	2 2404 / 2 2406 / 2 2408	9 2902 0200
Adapter SDS-plus for quick-release chuck		9 2902 0210
Hydraulic pressure hose set	2 2406 / 2 2418	2 2406 9010
Portable service unit with filter and oiler	R 3/4" i	9 2406 0080
Portable service unit with filter and oiler and pressure regulator	R 3/4" i	9 2406 0170
Portable service unit with protecting housing, filter and oiler and pressure regulator	R 3/4"a	9 2406 0650
Carrying case	2 2404 0010, 2 2404 0040	9 9910 0050
	2 2406 0010	5 1212 9000
	2 2417 0010, 2 2418 0010	9 9910 0080

ADDITIONAL DRILLS

PNEUMATIC PISTOL DRILLS



- Part No. **2 1260 0010** with pistol grip
 2 1261 0010 with pistol grip
 2 1267 0010 for underwater use
 2 1268 0010 for underwater use



Fig.: Pneumatic Pistol Drills 2 1262 0010 / 2 1260 0010

HAMMER DRILL

- Part No. **2 1262 0010** with pistol grip
 2 1266 0010 for underwater use

PNEUMATIC DRILL WITH D-HANDLE

(for use in underground mining)



- Part No. **2 1310 0010**
 Geared chuck 13 mm dia.
- 2 1310 0020**
 Quick-release chuck 13 mm dia.
- 2 1311 0010**
 Morse Taper 1



Fig.: Pneumatic Drill with D-Handle 2 1310 0010

SPITZNAS

Maschinenfabrik GmbH, Fellerstraße 4, D-42555 Velbert, Germany
 Tel: +49-(0)2052-605-0 Fax: +49-(0)2052-605-29
 E-Mail: sales@spitznas.com Internet: http://www.spitznas.com