

SDS-PLUS MS5 TURBOHEAD XPRO | 251



DRIVE



EXECUTION



- Made of tempered steel, shot-peened and intermediate level hardened
- TURBOHEAD Xpro head with centering tip
- TURBOHEAD Xpro with innovative 4-cutting-edge concept
- MS5 flute with reinforced core

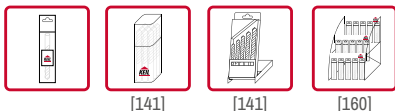
FOR USE IN



APPLICATION

- Fits directly into all hammer drilling machines with SDS-plus and HILTI TE-C drive
- For drilling plug holes
- Particularly suitable for fastenings
- Adapters for SDS-plus [36]

PACKAGING

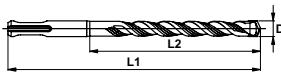


Comments

- More dimensions of the 4-cutter with X-shape on request
- For a working length of 400 mm and more, pre-drilling must be carried out to a depth of at least 150 mm with a drill bit of the same diameter.

D Ø mm	D Ø "	L2 mm	L1 mm		EAN 4016707...	
5,0	3/16	50	110	10	902000	251 050 110
5,0	3/16	100	160	10	902017	251 050 160
5,0	3/16	150	210	10	902024	251 050 210
5,0	3/16	200	260	10	914553	251 050 260
5,5	7/32	50	110	10	912641	251 055 110
5,5	7/32	100	160	10	912634	251 055 160
5,5	7/32	150	210	10	912627	251 055 210
5,5	7/32	200	260	10	912757	251 055 260
6,0	15/64	50	110	10	902031	251 060 110
6,0	15/64	100	160	10	902048	251 060 160
6,0	15/64	150	210	10	902055	251 060 210
6,0	15/64	200	260	10	902062	251 060 260
6,5	1/4	100	160	10	904622	251 065 160
6,5	1/4	160	210	10	904639	251 065 210
6,5	1/4	200	260	10	904646	251 065 260
6,5	1/4	250	310	1	914560	251 065 310
8,0	5/16	50	110	10	902109	251 080 110
8,0	5/16	100	160	10	902116	251 080 160
8,0	5/16	150	210	10	902123	251 080 210
8,0	5/16	200	260	10	902130	251 080 260
8,0	5/16	250	310	1	904653	251 080 310
8,0	5/16	300	360	1	904660	251 080 360
8,0	5/16	400	460	1	904677	251 080 460
10,0	3/8	100	160	10	902154	251 100 160
10,0	3/8	150	210	10	902161	251 100 210
10,0	3/8	200	260	10	902178	251 100 260
10,0	3/8	250	310	1	902185	251 100 310
10,0	3/8	310	360	1	904684	251 100 360
10,0	3/8	400	460	1	902208	251 100 460
10,0	3/8	540	600	1	914577	251 100 600
12,0	15/32	100	160	10	902215	251 120 160
12,0	15/32	150	210	10	902222	251 120 210
12,0	15/32	200	260	10	902239	251 120 260
12,0	15/32	250	310	1	902246	251 120 310
12,0	15/32	400	450	1	902253	251 120 450
12,0	15/32	540	600	1	914584	251 120 600
14,0	17/32	100	160	10	902260	251 140 160
14,0	17/32	150	210	10	902277	251 140 210
14,0	17/32	200	260	10	902284	251 140 260
14,0	17/32	250	310	1	904691	251 140 310
14,0	17/32	400	450	1	902291	251 140 450
14,0	17/32	540	600	1	914591	251 140 600

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D Ø mm	D Ø "	L2 mm	L1 mm	Box	EAN 4016707...	12345
16,0	39/64	100	160	1	904707	251 160 160
16,0	39/64	150	210	1	904714	251 160 210
16,0	39/64	200	260	1	904721	251 160 260
16,0	39/64	400	450	1	904738	251 160 450
16,0	39/64	540	600	1	914607	251 160 600
18,0	11/16	200	250	1	914614	251 180 250
18,0	11/16	400	450	1	914737	251 180 450
20,0	49/64	200	250	1	914744	251 200 250
20,0	49/64	400	450	1	914751	251 200 450
20,0	49/64	550	600	1	914768	251 200 600



VIBRATION PROTECTION

Low vibration load of the „hand-arm-system“ by means of highly reduced vibration (see page 11).

According to the European guideline EU-Vibrationsrichtlinie 2002/44/EG for vibration protection.



reddot design award winner 2012

form follows function

TURBOHEAD Xpro

TURBOHEAD XPRO

SUITABLE FOR HARDEST MATERIALS



- The TURBOHEAD Xpro is resistant against armed concrete and cuts reinforcement without problems.
- The dual setting depth of the full carbide head ensures maximum safety.
- The 2 x 2 cutting concept prevents of locking in the reinforcement.
- The drilling hole is always exactly cylindrical even in armed concrete as the forward motion is not being deviated.
- Low vibration load of the „Hand-Arm-System“ by considerably reduced vibration (according to EU-vibration guideline 2002/44/EG for protection of vibration).
- The MS5 spiral allows ergonomic and ecological work flow (see p.20).



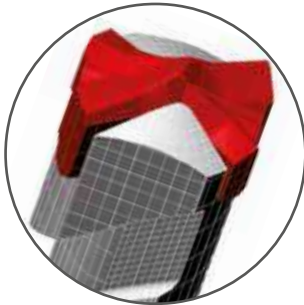
TURBOHEAD Xpro

- Resistant against reinforced concrete
- Considerably less friction
- Faster removal of drill dust and optimum start of drilling
- High drilling speed with less wear
- Less heat development with lower power input

TURBOHEAD XPRO

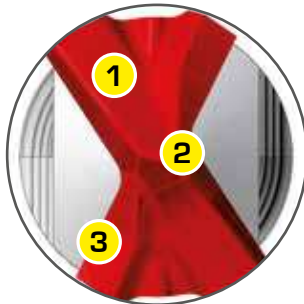
X-HEAD DESIGN WITH 4-CUTTING EDGES FOR FAST AND PROFESSIONAL JOBS

1. FASTER



- Symmetric X-shape produces higher drilling speed in comparison to a classical 90° design.
- More space for drilling dust by X-shape head and large entry flutes for optimum drilling dust removal.

2. STRONGER



- Precise drilling start by TURBOKEIL centring tip and better performance when it comes to contact with reinforced steel.
- The multi-angle drill-head provides a perfect drilling result and a long tool life.

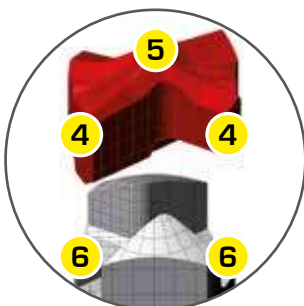
3. CLEANER

- 4 cutting-edges with extended full-carbide plate-edges provide precise and round holes. Optimised vibrational characteristics by X-head shape.

OPTIMIZED SHEED GEOMETRY FOR POWERFUL DRILLING AND LONG SERVICE LIFE

4. POWER TRANSMISSION

- For optimized use from the impact energy from hammer drill
- By a conception with six separate sections.



5. OPTIMAL USE

- By different setting depth of the full-head carbide.

6. SHEARING FORCES

- Distribution of the shear forces on 2 levels
- By the different setting depths of the major and the side plates, the cutting forces will be spread on 2 levels and secure a long tool life.