

11

Drill bits

- SDS Plus IV quattric hammer drill bit 3
- SDS Plus II Pointer hammer drill bit 5
- SDS MAX II / SDS MAX IV 8
- Profi-bit FPB 11



The expert for the best performance in reinforced concrete



ADVANTAGES

- One-piece cutting element made from solid carbide guarantees low vibration which results in quiet drilling.
- The drill bit head with four cutting edges prevents jamming in the concrete reinforcement.
- The quadruple flute reliably transports the drilling dust away from the drill hole, thus reducing wear.
- The distinctive centring tip provides simple, high-precision drilling and thus offers increased installation safety.
- The PGM® compliant cutting element guarantees perfect-fit drill holes and satisfies the highest safety requirements.

APPLICATIONS

To create approval-compliant drill holes in:

- Concrete
- Masonry

Also suitable for:

- Natural stone
- SDS Plus drive

TECHNICAL DATA



Hammer drill bit **SDS Plus IV Quattric**



Detail: top of drill
Ø 6 - 16 mm



Detail: top of drill
from Ø 18 mm

Items to order only		Drill hole diameter	Total length	Working length	Type of packaging	Contents	Sales unit
Item	Art.-No.	[mm]	^{l_{ges}} [mm]	[mm]			[pcs]
SDS Plus IV 6/50/110	504123	6	110	50	Plastic clip	1	5
SDS Plus IV 6/100/160	504124	6	160	100	Plastic clip	1	5
SDS Plus IV 6/150/210	504131	6	210	150	Plastic clip	1	5
SDS Plus IV 6,5/250/310	506521	6,5	310	250	Plastic clip	1	1
SDS Plus IV 8/50/110	504132	8	110	50	Plastic clip	1	5
SDS Plus IV 8/100/160	504133	8	160	100	Plastic clip	1	5
SDS Plus IV 8/150/210	504134	8	210	150	Plastic clip	1	5
SDS Plus IV 8/250/310	506524	8	310	250	Plastic clip	1	5
SDS Plus IV 8/400/460	508123	8	460	400	Plastic clip	1	1
SDS Plus IV 10/50/110	504137	10	110	50	Plastic clip	1	5
SDS Plus IV 10/100/160	504140	10	160	100	Plastic clip	1	5
SDS Plus IV 10/150/210	504141	10	210	150	Plastic clip	1	5
SDS Plus IV 10/250/310	504143	10	310	250	Plastic clip	1	5
SDS Plus IV 10/400/450	506525	10	450	400	Plastic clip	1	1
SDS Plus IV 12/100/160	504144	12	160	100	Plastic clip	1	5
SDS Plus IV 12/150/210	504145	12	210	150	Plastic clip	1	5
SDS Plus IV 12/250/310	504150	12	310	250	Plastic clip	1	5
SDS Plus IV 12/400/450	506527	12	450	400	Plastic clip	1	1

TECHNICAL DATA



Hammer drill bit **SDS Plus IV Quattric**



Detail: top of drill
Ø 6 - 16 mm



Detail: top of drill
from Ø 18 mm

Items to order only		Drill hole diameter	Total length	Working length	Type of packaging	Contents	Sales unit
Item	Art.-No.	[mm]	^{ges} [mm]	[mm]			[pcs]
SDS Plus IV 14/100/160	504152	14	160	100	Plastic clip	1	5
SDS Plus IV 14/150/210	504153	14	210	150	Plastic clip	1	5
SDS Plus IV 14/250/310	504154	14	310	250	Plastic clip	1	5
SDS Plus IV 14/400/450	506530	14	450	400	Plastic clip	1	1
SDS Plus IV 15/100/160	512609	15	160	100	Plastic clip	1	1
SDS Plus IV 15/150/210	512610	15	210	150	Plastic clip	1	1
SDS Plus IV 16/100/160	506532	16	160	100	Plastic clip	1	1
SDS Plus IV 16/150/210	506533	16	210	150	Plastic clip	1	1
SDS Plus IV 16/250/310	506535	16	310	250	Plastic clip	1	1
SDS Plus IV 16/400/450	506536	16	450	400	Plastic clip	1	1
SDS Plus IV 18/200/250	504162	18	250	200	Plastic tube	1	1
SDS Plus IV 18/400/450	504163	18	450	400	Plastic tube	1	1
SDS Plus IV 20/200/250	504164	20	250	200	Plastic tube	1	1
SDS Plus IV 20/400/450	504167	20	450	400	Plastic tube	1	1
SDS Plus IV 6/50/110 DP	508104	6	110	50	Plastic tube	5	1
SDS Plus IV 6/100/160 DP	508105	6	160	100	Plastic tube	5	1
SDS Plus IV 6/150/210 DP	508106	6	210	150	Plastic tube	5	1
SDS Plus IV 8/100/160 DP	508107	8	160	100	Plastic tube	5	1
SDS Plus IV 8/150/210 DP	508108	8	210	150	Plastic tube	5	1
SDS Plus IV 10/100/160 DP	508109	10	160	100	Plastic tube	5	1
SDS Plus IV 10/150/210 DP	508110	10	210	150	Plastic tube	5	1
SDS Plus IV 12/100/160 DP	508111	12	160	100	Plastic tube	5	1
SDS Plus IV 12/150/210 DP	508112	12	210	150	Plastic tube	5	1

DP = 10 pcs / QP = 10pcs

The 2-cutter for the fastest drilling progress



ADVANTAGES

- The characteristic chisel-shaped head ensures fast drilling speeds.
- The large-volume flute quickly transports the drilling dust away from the drill hole, thus reducing wear.
- The core-reinforced flute places more impact energy on the carbide cutting edge for greater stability and transfer of force.
- The distinctive centring tip provides simple, high-precision drilling and thus offers increased installation safety.
- The PGM[®] compliant cutting element guarantees perfect-fit drill holes and satisfies the highest safety requirements.

APPLICATIONS

To create approval-compliant drill holes in:

- Concrete
- Masonry

Also suitable for:

- Natural stone
- SDS Plus drive

TECHNICAL DATA



SDS Plus II Pointer

Detail: top of drill

Items to order only		Drill hole diameter	Total length	Working length	Type of packaging	Contents	Sales unit
Item	Art.-No.	[mm]	^{ges} [mm]	[mm]		[pcs]	[pcs]
SDS Plus II 4/50/110	503877	4	110	50	Plastic clip	1	5
SDS Plus II 5/50/110	503879	5	110	50	Plastic clip	1	5
SDS Plus II 5/100/160	503883	5	160	100	Plastic clip	1	5
SDS Plus II 5/250/310	503885	5	310	250	Plastic clip	1	1
SDS Plus II 5,5/100/160	503887	5,5	160	100	Plastic clip	1	1
SDS Plus II 6/50/110	503899	6	110	50	Plastic clip	1	5
SDS Plus II 6/100/160	503900	6	160	100	Plastic clip	1	5
SDS Plus II 6/150/210	503901	6	210	150	Plastic clip	1	5
SDS Plus II 6/200/260	503902	6	260	200	Plastic clip	1	5
SDS Plus II 6/250/310	503904	6	310	250	Plastic clip	1	5
SDS Plus II 6,5/50/110	503909	6,5	110	50	Plastic clip	1	1
SDS Plus II 6,5/200/260	503912	6,5	260	200	Plastic clip	1	5
SDS Plus II 6,5/250/310	503913	6	310	250	Plastic clip	1	1
SDS Plus II 7/100/160	503921	7	160	100	Plastic clip	1	5
SDS Plus II 8/50/110	503924	8	110	50	Plastic clip	1	5
SDS Plus II 8/100/160	503931	8	160	100	Plastic clip	1	5
SDS Plus II 8/150/210	503932	8	210	150	Plastic clip	1	5

DP = 10 pcs / QP = 10pcs

TECHNICAL DATA



SDS Plus II Pointer

Detail: top of drill

Items to order only		Drill hole diameter	Total length	Working length	Type of packaging	Contents	Sales unit
Item	Art.-No.	[mm]	^{l_{ges}} [mm]	[mm]		[pcs]	[pcs]
SDS Plus II 8/200/260	503933	8	260	200	Plastic clip	1	5
SDS Plus II 8/350/400	503935	8	400	350	Plastic clip	1	1
SDS Plus II 8/400/460	503936	8	460	400	Plastic clip	1	1
SDS Plus II 9/100/160	503938	9	160	100	Plastic clip	1	5
SDS Plus II 10/50/110	503942	10	110	50	Plastic clip	1	5
SDS Plus II 10/100/160	503943	10	160	100	Plastic clip	1	5
SDS Plus II 10/150/210	503944	10	210	150	Plastic clip	1	5
SDS Plus II 10/200/260	503955	10	260	200	Plastic clip	1	5
SDS Plus II 10/250/310	503957	10	310	250	Plastic clip	1	5
SDS Plus II 10/400/450	503973	10	450	400	Plastic clip	1	1
SDS Plus II 11/100/160	503998	11	160	100	Plastic clip	1	5
SDS Plus II 12/100/160	504002	12	160	100	Plastic clip	1	5
SDS Plus II 12/150/210	504003	12	210	150	Plastic clip	1	5
SDS Plus II 12/200/260	504004	12	260	200	Plastic clip	1	5
SDS Plus II 12/400/450	504007	12	450	400	Plastic clip	1	1
SDS Plus II 13/100/160	504010	13	160	100	Plastic clip	1	5
SDS Plus II 14/100/160	504014	14	160	100	Plastic clip	1	5
SDS Plus II 14/150/210	504015	14	210	150	Plastic clip	1	5
SDS Plus II 14/200/260	504016	14	260	200	Plastic clip	1	5
SDS Plus II 14/400/450	504018	14	450	400	Plastic clip	1	1
SDS Plus II 14/550/600	504019	14	600	550	Plastic clip	1	1
SDS Plus II 15/100/160	504024	15	160	100	Plastic clip	1	5
SDS Plus II 15/200/260	504026	15	260	200	Plastic clip	1	5
SDS Plus II 16/150/210	504031	16	210	150	Plastic clip	1	1
SDS Plus II 16/200/260	504032	16	260	200	Plastic clip	1	1
SDS Plus II 16/250/310	504037	16	310	250	Plastic clip	1	1
SDS Plus II 16/400/450	504038	16	450	400	Plastic clip	1	1
SDS Plus II 18/150/200	504070	18	200	150	Plastic clip	1	1
SDS Plus II 18/400/450	504074	18	450	400	Plastic clip	1	1
SDS Plus II 20/150/200	504088	20	200	150	Plastic clip	1	1
SDS Plus II 20/250/300	504089	20	300	250	Plastic clip	1	1
SDS Plus II 20/400/450	504093	20	450	400	Plastic clip	1	1
SDS Plus II 22/200/250	504097	22	250	200	Plastic clip	1	1
SDS Plus II 22/400/450	504101	22	450	400	Plastic clip	1	1
SDS Plus II 22/550/600	504102	22	600	550	Plastic clip	1	1
SDS Plus II 24/200/250	504111	24	250	200	Plastic clip	1	1
SDS Plus II 24/400/450	504112	24	450	400	Plastic clip	1	1
SDS Plus II 25/200/250	504113	25	250	200	Plastic clip	1	1
SDS Plus II 25/400/450	504114	25	450	400	Plastic clip	1	1
SDS Plus II 26/400/450	504122	26	450	400	Plastic clip	1	1
SDS Plus II 4/50/110 QP	508079	4	110	50	Plastic tube	10	1
SDS Plus II 5/50/110 QP	508080	5	110	50	Plastic tube	10	1
SDS Plus II 5/100/160 QP	508085	5	160	100	Plastic tube	10	1
SDS Plus II 6/50/110 QP	508086	6	110	50	Plastic tube	10	1
SDS Plus II 6/100/160 QP	508087	6	160	100	Plastic tube	10	1
SDS Plus II 6/150/210 QP	508088	6	210	150	Plastic tube	10	1
SDS Plus II 6/200/260 QP	508089	6	260	200	Plastic tube	10	1
SDS Plus II 6,5/200/260 QP	508090	6,5	260	200	Plastic tube	10	1
SDS Plus II 8/50/110 QP	508091	8	110	50	Plastic tube	10	1
SDS Plus II 8/100/160 QP	508092	8	160	100	Plastic tube	10	1
SDS Plus II 8/150/210 QP	508093	8	210	150	Plastic tube	10	1
SDS Plus II 8/200/260 QP	508094	8	260	200	Plastic tube	10	1
SDS Plus II 10/100/160 QP	508095	10	160	100	Plastic tube	10	1

DP = 10 pcs / QP = 10pcs

TECHNICAL DATA



SDS Plus II Pointer

Detail: top of drill

Items to order only		Drill hole diameter	Total length	Working length	Type of packaging	Contents	Sales unit
Item	Art.-No.	[mm]	^{ges} [mm]	[mm]		[pcs]	[pcs]
SDS Plus II 10/150/210 QP	508096	10	210	150	Plastic tube	10	1
SDS Plus II 10/200/260 QP	508097	10	260	200	Plastic tube	10	1
SDS Plus II 10/250/310 QP	508098	10	310	250	Plastic tube	10	1
SDS Plus II 12/100/160 QP	508099	12	160	100	Plastic tube	10	1
SDS Plus II 12/150/210 QP	508100	12	210	150	Plastic tube	10	1
SDS Plus II 12/200/260 QP	508101	12	260	200	Plastic tube	10	1
SDS Plus II 14/100/160 QP	508102	14	160	100	Plastic tube	10	1
SDS Plus II 14/150/210 QP	508103	14	210	150	Plastic tube	10	1

DP = 10 pcs / QP = 10pcs

The hammer drill bits with SDS Max drill chuck



ADVANTAGES

- The SDS Max drive ensures optimum transfer of force and allows for rapid drilling progress for large volume drill holes.
- The drill bit head with four cutting edges prevents jamming in the concrete reinforcement.
- The quadruple flute transports the drilling dust away from the drill hole, thus reducing wear.
- The core-reinforced flute ensures maximum transfer of energy, and guarantees a low-vibration drilling.
- The PGM® compliant cutting element guarantees perfect-fit drill holes and satisfies the highest safety requirements.

APPLICATIONS

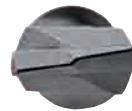
To create approval-compliant drill holes in:

- Concrete
- Masonry

Also suitable for:

- Natural stone

TECHNICAL DATA



Detail: top of drill SDS Max II
Ø 12 - 15 mm



Detail: top of drill SDS Max IV
from Ø 16 mm

Hammerdrill **SDS Max II and IV**

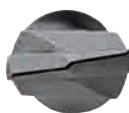
Items to order only		Drill hole diameter d_0	Total length l	Working length	Type of packaging	Contents	Sales unit
Item	Art.-No.	[mm]	[mm]	[mm]		[pcs]	[pcs]
SDS Max II 12/200/340	504188	12	340	200	Plastic tube	1	1
SDS Max II 12/400/540	504189	12	540	400	Plastic tube	1	1
SDS Max II 12/800/920	098278	12	920	800	Plastic tube	1	1
SDS Max II 14/200/340	504192	14	340	200	Plastic tube	1	1
SDS Max II 14/400/540	504194	14	540	400	Plastic tube	1	1
SDS Max II 14/1000/1120	098279 ¹⁾	14	1120	1000	Plastic tube	1	1
SDS Max II 15/200/340	504196	15	340	200	Plastic tube	1	1
SDS Max IV 16/200/340	504198	16	340	200	Plastic tube	1	1
SDS Max IV 16/400/540	504199	16	540	400	Plastic tube	1	1
SDS Max IV 16/800/920	504200	16	920	800	Plastic tube	1	1
SDS Max IV 16/1200/1320	504206	16	1320	1200	Plastic tube	1	1
SDS Max IV 18/200/340	504207	18	340	200	Plastic tube	1	1
SDS Max IV 18/400/540	504208	18	540	400	Plastic tube	1	1
SDS Max IV 18/800/920	504209	18	920	800	Plastic tube	1	1
SDS Max IV 18/1200/1320	504213	18	1320	1200	Plastic tube	1	1
SDS Max IV 20/200/320	504214	20	320	200	Plastic tube	1	1
SDS Max IV 20/400/520	504217	20	520	400	Plastic tube	1	1

1) Delivery time approximately 1 week.

TECHNICAL DATA



Hammerdrill **SDS Max II and IV**



Detail: top of drill SDS Max II
Ø 12 - 15 mm



Detail: top of drill SDS Max IV
from Ø 16 mm

Items to order only		Drill hole diameter d_0	Total length l	Working length	Type of packaging	Contents	Sales unit
Item	Art.-No.	[mm]	[mm]	[mm]		[pcs]	[pcs]
SDS Max IV 20/800/920	504222	20	920	800	Plastic tube	1	1
SDS Max IV 20/1200/1320	504223	20	1320	1200	Plastic tube	1	1
SDS Max IV 22/200/320	504224	22	320	200	Plastic tube	1	1
SDS Max IV 22/400/520	504225	22	520	400	Plastic tube	1	1
SDS Max IV 22/800/920	504226	22	920	800	Plastic tube	1	1
SDS Max IV 24/200/320	504228	24	320	200	Plastic tube	1	1
SDS Max IV 24/400/520	504229	24	520	400	Plastic tube	1	1
SDS Max IV 25/200/320	504235	25	320	200	Plastic tube	1	1
SDS Max IV 25/400/520	504236	25	520	400	Plastic tube	1	1
SDS Max IV 25/800/920	504237	25	920	800	Plastic tube	1	1
SDS Max IV 25/1200/1320	504238	25	1320	1200	Plastic tube	1	1
SDS Max IV 25/2000/2120	098287 ¹⁾	25	1940	2000	Plastic tube	1	1
SDS Max IV 28/250/370	504240	28	370	250	Plastic tube	1	1
SDS Max IV 28/450/570	504241	28	570	450	Plastic tube	1	1
SDS Max IV 28/550/670	504242	28	670	550	Plastic tube	1	1
SDS Max IV 30/250/370	504245	30	370	250	Plastic tube	1	1
SDS Max IV 30/450/570	504246	30	570	450	Plastic tube	1	1
SDS Max IV 30/800/920	057779 ¹⁾	30	920	800	Plastic tube	1	1
SDS Max IV 30/1230/1350	040187 ¹⁾	30	1350	1210	Plastic tube	1	1
SDS Max IV 30/1620/1740	040188 ¹⁾	30	1740	1620	Plastic tube	1	1
SDS Max IV 30/2020/2140	040189 ¹⁾	30	2140	2000	Plastic tube	1	1
SDS Max IV 32/450/570	504248	32	570	450	Plastic tube	1	1
SDS Max IV 32/800/920	504249	32	920	800	Plastic tube	1	1
SDS Max IV 35/250/370	504251	35	370	250	Plastic tube	1	1
SDS Max IV 35/450/570	504256	35	570	450	Plastic tube	1	1
SDS Max IV 35/550/670	504257	35	670	550	Plastic tube	1	1
SDS Max IV 35/800/920	504258	35	920	800	Plastic tube	1	1
SDS Max IV 35/1200/1320	504259	35	1320	1200	Plastic tube	1	1
SDS Max IV 35/1620/1740	040191 ¹⁾	35	1740	1620	Plastic tube	1	1
SDS Max IV 35/2020/2140	040192 ¹⁾	35	2140	2000	Plastic tube	1	1
SDS Max IV 38/450/570	504268	38	570	450	Plastic tube	1	1
SDS Max IV 40/250/370	504269	40	370	250	Plastic tube	1	1
SDS Max IV 40/450/570	504270	40	570	450	Plastic tube	1	1
SDS Max IV 40/800/920	504271	40	920	800	Plastic tube	1	1

¹⁾ Delivery time approximately 1 week.

High-performance chisel with SDS Plus and SDS Max drill chuck



ADVANTAGES

- The SDS Plus and SDS Max drill chuck for the chisel allows use with professional hammer drilling machines, and ensures a safe transfer of force.
- The use of high quality, specially hardened steel with surface protection increases the life span of the tools.
- High oscillation endurance provides comfort during use and contributes to the achievement of clean results.

APPLICATIONS

Suitable for creating holes, slots and installation paths in:

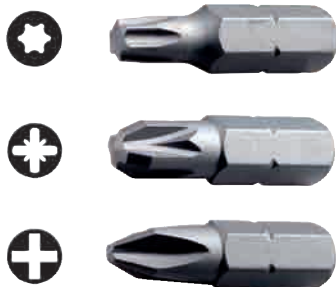
- Concrete
- Masonry
- Natural stone

TECHNICAL DATA



Item to order only		Type	Length	Width	Contents	Sales unit
Item	Art.-No.		l [mm]	B [mm]	[pcs]	[pcs]
SDS Plus Pointed 250	504277	Pointed	250	–	1	1
SDS Plus Flat 20/250	504278	Flat	250	20	1	1
SDS Plus Scaling 40/250	504279	Scaling	250	40	1	1
SDS Plus Hollow 22/250	504280	Hollow	250	22	1	1
SDS Max Pointed 280	504281	Pointed	280	–	1	1
SDS Max Pointed 400	504282	Pointed	400	–	1	1
SDS Max Pointed 600	504283	Pointed	600	–	1	1
SDS Max Flat 25/280	504284	Flat	280	25	1	1
SDS Max Flat 25/400	504286	Flat	400	25	1	1
SDS Max Flat 25/600	504287	Flat	600	25	1	1
SDS Max Scaling 50/400	504288	Scaling	400	50	1	1
SDS Max Scaling 80/300	504290	Scaling	300	80	1	1
SDS Max Scaling 115/350	504291	Scaling	350	115	1	1
SDS Max Hollow 26/300	504293	Hollow	300	26	1	1
SDS Max Canal 32/300	504294	Canal	300	32	1	1
SDS Max Tile Scaling 50/400	504295	Tile scaling	400	50	1	1
SDS Max with Glides 35/380	504296	with glides	380	35	1	1
SDS Max Slotting 32/300	504301	Slotting	300	32	1	1

The economical bit



ADVANTAGES

- The bit made from special steel with a high hardness grade (s2 mod.) guarantees the greatest service life and offers maximum cost-effectiveness.
- The high dimensional accuracy allows for an ideal fit. Thus clean results and a long life span are achieved.
- The profile shape ensures ideal transfer of force and prevents damages to the screw heads, even in the case of high torques.

APPLICATIONS

- There are a number of internal drives available in various profiles and sizes, such as:
- PH, PZ cross-slot
 - TX star recess
 - Hexagon socket
 - Slot
 - Suitable for 1/4" drives
- Please ask for more details, minimum order quantities apply.

TECHNICAL DATA



Star recess TX

Item to order only		Version	Type of packaging	Length	Contents	Sales unit
Item	Art.-No.			[mm]	[pcs]	[pcs]
FPB TX25/2	507705	TX star recess	Plastic box	25	2	12
FPB TX30/2	507707	TX star recess	Plastic box	25	2	12
FPB TX40/2	507708	TX star recess	Plastic box	25	2	12

DECISIVE FACTORS

Technical disclaimer / Decisive factors

Due to the complexity of building materials, tools, fixing elements and installation techniques a comprehensive recommendation depends on full and detailed understanding of specific site conditions.

This document is a factual record of anchor performance obtained under specific conditions and does not constitute an endorsement of the suitability of the product for any specific application. This responsibility remains with the customer.

The data given shall be used as a guide for assessment or anchor suitability. Even when our advice is given in good faith it cannot be binding for this reason and we cannot accept any liability for any anchor failure due to the wrong design, misuse or wrong installation.

For safety critical applications only anchors with an ETA or Zulassung German Approval shall be used.

For further product information please contact the fischer Technical Department:

Phone: 01491 827 920

E-mail: technical@fischer.co.uk

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All the data in this brochure concerning work with our fixings must be adapted to suit local conditions and the type of materials in use.

If no detailed performance specifications are given for certain articles and types, please contact our Technical Service Department for advice.

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01/2013

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Technical Service

If you need any assistance, simply contact your local fischer representative. For more specialised application problems please contact our Technical Services Team.

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