



SPARE PARTS

1 CARTRIDGES

> See page B - 430

2 PILOT DRILL AND RDS

> See page B - 434

3 SCREWS AND KEYS

> See page B - 435

4 MDO CARTRIDGE

> See page B - 436

5 VORTEX SCREWS

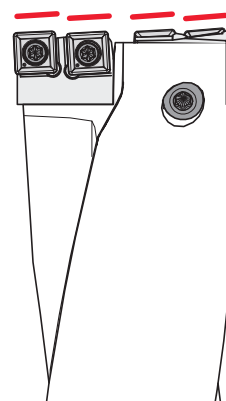
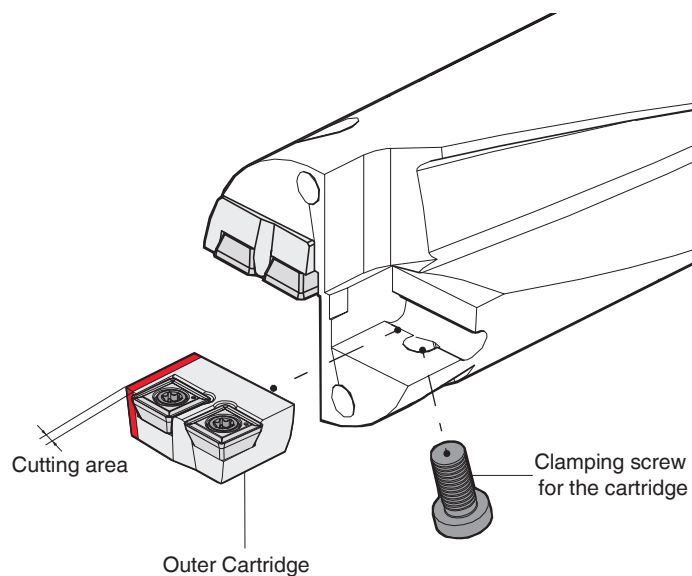
> See page B - 437

5 MDM AND DRIVE RING

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SIZE ADAPTABLE CARTRIDGE (5mm)

- Unlock the clamping screw of the outer cartridge and move out the cartridge from the body.
- Cut off the outer cartridge's inside contacted part after calculation of the diameter that you want to drill.
- Slick the rough corner surface of the cut cartridge.
- Adhere closely the cartridge to the body not to make chink and fix it with the clamping screw firmly.



SCC CARTRIDGE (5mm)



ØD	Inner Cartridge		Outer Cartridge		Insert	Insert Screw	Torx key	For Drill	Stock
	Order Code	Reference	Order Code	Reference					
50-55	184230600	SCC 050055-I	184230700	SCC 050055-O	SP... 090408	P0350903	XT15	SCC 505540-3D & 4D	○
55-60	184230800	SCC 055060-I	184230900	SCC 055060-O	SP... 090408	P0350903	XT15	SCC 556040-3D & 4D	○
60-65	184231000	SCC 060065-I	184231100	SCC 060065-O	SP... 110408	P0401200	XT15	SCC 606540-3D & 4D	○
65-70	184231200	SCC 065070-I	184231300	SCC 065070-O	SP... 110408	P0401200	XT15	SCC 657040-3D & 4D	○
70-75	184231400	SCC 070075-I	184231500	SCC 070075-O	SP... 110408	P0401200	XT15	SCC 707540-3D & 4D	○
75-80	184231600	SCC 075080-I	184231700	SCC 075080-O	SP... 140512	P0501300	XT20	SCC 758040-3D & 4D	○

Stock item | Produto de stock | Itens de stock
 Available under request | Disponível sobre consulta | Disponible bajo consulta

SCC CARTRIDGE (1mm)



ØD	Inner Cartridge		Outer Cartridge		Insert	Insert Screw	Torx key	For Drill	Stock
	Order Code	Reference	Order Code	Reference					
50-51	184069500	CISP 5055	184070100	COSP 5051	SP... 090408	P0350903	XT15	SCC 505140-3D & 4D	○
51-52	184069500	CISP 5055	184070200	COSP 5152	SP... 090408	P0350903	XT15	SCC 515240-3D & 4D	○
52-53	184069500	CISP 5055	184070300	COSP 5253	SP... 090408	P0350903	XT15	SCC 525340-3D & 4D	○
53-54	184069500	CISP 5055	184070400	COSP 5354	SP... 090408	P0350903	XT15	SCC 535440-3D & 4D	○
54-55	184069500	CISP 5055	184070500	COSP 5455	SP... 090408	P0350903	XT15	SCC 545540-3D & 4D	○
55-56	184069600	CISP 5560	184070600	COSP 5556	SP... 090408	P0350903	XT15	SCC 555640-3D & 4D	○
56-57	184069600	CISP 5560	184070700	COSP 5657	SP... 090408	P0350903	XT15	SCC 565740-3D & 4D	○
57-58	184069600	CISP 5560	184070800	COSP 5758	SP... 090408	P0350903	XT15	SCC 575840-3D & 4D	○
58-59	184069600	CISP 5560	184070900	COSP 5859	SP... 090408	P0350903	XT15	SCC 585940-3D & 4D	○
59-60	184069600	CISP 5560	184071000	COSP 5960	SP... 090408	P0350903	XT15	SCC 596040-3D & 4D	○
60-61	184069700	CISP 6065	184071100	COSP 6061	SP... 110408	P0401200	XT15	SCC 606140-3D & 4D	○
61-62	184069700	CISP 6065	184071200	COSP 6162	SP... 110408	P0401200	XT15	SCC 616240-3D & 4D	○
62-63	184069700	CISP 6065	184071300	COSP 6263	SP... 110408	P0401200	XT15	SCC 626340-3D & 4D	○
63-64	184069700	CISP 6065	184071400	COSP 6364	SP... 110408	P0401200	XT15	SCC 636440-3D & 4D	○
64-65	184069700	CISP 6065	184071500	COSP 6465	SP... 110408	P0401200	XT15	SCC 646540-3D & 4D	○
65-66	184069800	CISP 6570	184071600	COSP 6566	SP... 110408	P0401200	XT15	SCC 656640-3D & 4D	○
66-67	184069800	CISP 6570	184071700	COSP 6667	SP... 110408	P0401200	XT15	SCC 666740-3D & 4D	○
67-68	184069800	CISP 6570	184071800	COSP 6768	SP... 110408	P0401200	XT15	SCC 676840-3D & 4D	○
68-69	184069800	CISP 6570	184071900	COSP 6869	SP... 110408	P0401200	XT15	SCC 686940-3D & 4D	○
69-70	184069800	CISP 6570	184072000	COSP 6970	SP... 110408	P0401200	XT15	SCC 697040-3D & 4D	○
70-71	184069900	CISP 7075	184250100	COSP 7071	SP... 110408	P0401200	XT15	SCC 707140-3D & 4D	○
71-72	184069900	CISP 7075	184072200	COSP 7172	SP... 110408	P0401200	XT15	SCC 717240-3D & 4D	○
72-73	184069900	CISP 7075	184072300	COSP 7273	SP... 110408	P0401200	XT15	SCC 727340-3D & 4D	○
73-74	184069900	CISP 7075	184072400	COSP 7374	SP... 110408	P0401200	XT15	SCC 737440-3D & 4D	○
74-75	184069900	CISP 7075	184072500	COSP 7475	SP... 110408	P0401200	XT15	SCC 747540-3D & 4D	○
75-76	184070000	CISP 7580	184072600	COSP 7576	SP... 140512	P0501300	XT20	SCC 757640-3D & 4D	○
76-77	184070000	CISP 7580	184072700	COSP 7677	SP... 140512	P0501300	XT20	SCC 767740-3D & 4D	○
77-78	184070000	CISP 7580	184072800	COSP 7778	SP... 140512	P0501300	XT20	SCC 777840-3D & 4D	○
78-79	184070000	CISP 7580	184072900	COSP 7879	SP... 140512	P0501300	XT20	SCC 787940-3D & 4D	○
79-80	184070000	CISP 7580	184073000	COSP 7980	SP... 140512	P0501300	XT20	SCC 798040-3D & 4D	○

 Stock item | Produto de stock | Itens de stock
  Available under request | Disponível sobre consulta | Disponible bajo consulta

SPARE PARTS

DHC CARTRIDGE



ØD	Inner Cartridge		Outer Cartridge		Insert	Insert Screw	Torx key	For Drill	Stock
	Order Code	Reference	Order Code	Reference					
1 INSERT PER CARTRIDGE									
41	184250300	CWC 041045-I	184226700	CWC 000041-O	WC... 06T308	P0350903	XT15	DHC 004140-5D & 8D	☐
42	184250300	CWC 041045-I	184226800	CWC 000042-O	WC... 06T308	P0350903	XT15	DHC 004240-5D & 8D	☐
43	184250300	CWC 041045-I	184226900	CWC 000043-O	WC... 06T308	P0350903	XT15	DHC 004340-5D & 8D	☐
44	184250300	CWC 041045-I	184227000	CWC 000044-O	WC... 06T308	P0350903	XT15	DHC 004440-5D & 8D	☐
45	184250300	CWC 041045-I	184227100	CWC 000045-O	WC... 06T308	P0350903	XT15	DHC 004540-5D & 8D	☐
46	184226400	CWC 046050-I	184227200	CWC 000046-O	WC... 06T308	P0350903	XT15	DHC 004640-5D & 8D	☐
47	184226400	CWC 046050-I	184227300	CWC 000047-O	WC... 06T308	P0350903	XT15	DHC 004740-5D & 8D	☐
48	184226400	CWC 046050-I	184227400	CWC 000048-O	WC... 06T308	P0350903	XT15	DHC 004840-5D & 8D	☐
49	184226400	CWC 046050-I	184227500	CWC 000049-O	WC... 06T308	P0350903	XT15	DHC 004940-5D & 8D	☐
50	184226400	CWC 046050-I	184227600	CWC 000050-O	WC... 06T308	P0350903	XT15	DHC 005040-5D & 8D	☐
51	184226500	CWC 051055-I	184227700	CWC 000051-O	WC... 080408	P0401101	XT15	DHC 005140-5D & 8D	☐
52	184226500	CWC 051055-I	184227800	CWC 000052-O	WC... 080408	P0401101	XT15	DHC 005240-5D & 8D	☐
53	184226500	CWC 051055-I	184227900	CWC 000053-O	WC... 080408	P0401101	XT15	DHC 005340-5D & 8D	☐
54	184226500	CWC 051055-I	184228000	CWC 000054-O	WC... 080408	P0401101	XT15	DHC 005440-5D & 8D	☐
55	184226500	CWC 051055-I	184228100	CWC 000055-O	WC... 080408	P0401101	XT15	DHC 005540-5D & 8D	☐
56	184226600	CWC 056059-I	184228200	CWC 000056-O	WC... 080408	P0401101	XT15	DHC 005640-5D & 8D	☐
57	184226600	CWC 056059-I	184228300	CWC 000057-O	WC... 080408	P0401101	XT15	DHC 005740-5D & 8D	☐
58	184226600	CWC 056059-I	184228400	CWC 000058-O	WC... 080408	P0401101	XT15	DHC 005840-5D & 8D	☐
59	184226600	CWC 056059-I	184228500	CWC 000059-O	WC... 080408	P0401101	XT15	DHC 005940-5D & 8D	☐
2 INSERTS PER CARTRIDGE									
60-65	184250600	MDC 060065-I	184252900	MDC 060065-O	WC... 050308	P0300701	XT08	DHC 606540-5D & 8D	☐
65-70	184250700	MDC 065070-I	184253000	MDC 065070-O	WC... 050308	P0300701	XT08	DHC 657040-5D & 8D	☐
70-75	184250800	MDC 070075-I	184063700	MDC 070075-O	WC... 050308	P0300701	XT08	DHC 707540-5D & 8D	☐
75-80	184250900	MDC 075080-I	184063800	MDC 075080-O	WC... 06T308	P0350903	XT15	DHC 758040-5D & 8D	☐

 Stock item | Produto de stock | Itens de stock ☐ Available under request | Disponível sobre consulta | Disponible bajo consulta

TDC CARTRIDGE



ØD	Inner Cartridge		Outer Cartridge		Insert	Insert Screw	Torx key	For Drill	Stock
	Order Code	Reference	Order Code	Reference					
59-65	184109200	TDC 059065-I	184109300	TDC 059065-O	WC... 06T308	P0350903	XT15	TDC 596540-3D	☐
65-70	184109400	TDC 065070-I	184109500	TDC 065070-O	WC... 06T308	P0350903	XT15	TDC 657040-3D	☐
70-75	184109600	TDC 070075-I	184109700	TDC 070075-O	WC... 06T308	P0350903	XT15	TDC 707540-3D	☐
75-80	184109800	TDC 075080-I	184109900	TDC 075080-O	WC... 06T308	P0350903	XT15	TDC 758040-3D	☐

 Stock item | Produto de stock | Itens de stock ☐ Available under request | Disponível sobre consulta | Disponible bajo consulta

PND CARTRIDGE

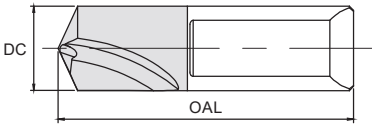


ØD	Inner Cartridge		Outer Cartridge		Insert	Insert Screw	Torx key	For Drill	Stock
	Order Code	Reference	Order Code	Reference					
40-55	184110000	PNC 040055-I	184128700	PNC 040055-O	WC... 050308	P0300701	XT08	PND 04032-2D ~ PND 05540-2D	☐
60-110	184110100	PNC 060110-I	184128800	PNC 060110-O	WC... 06T308	P0350903	XT15	PND 06040-2D ~ PND 11050-2D	☐

 Stock item | Produto de stock | Itens de stock ☐ Available under request | Disponível sobre consulta | Disponible bajo consulta

SPARE PARTS

PILOT DRILL



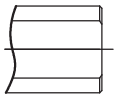
Shank Type



A (with cone)



B (with chamfer)



C

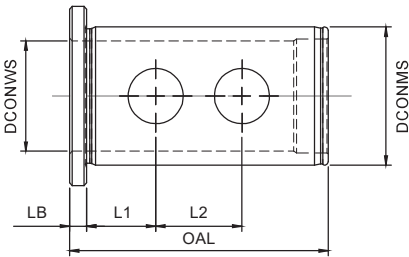
Order Code	Reference	Dimensions Dimensões Dimensiones (mm)		Type	Oil Hole	For Drill	Stock
		DC	OAL				
184150900	MDP 2006	6	20	A	-	TFD (Ø18,0 - Ø25,0)	⊗
184151000	MDP 2508	8	25	A	-	TFD (Ø25,5 - Ø30,0)	⊗
184104100	MDP 3006	6	30	B	-	DHS (Ø25 - Ø30)	⊗
184104400	MDP 3508	8	35	B	-	DHS (Ø31 - Ø40)	⊗
184033100	MDP 3510	10	35	B	✓	DHC (Ø41 - Ø50) , MDO (Ø45-Ø55)	⊗
184033200	MDP 3812	12	38	B	✓	DHC (Ø51 - Ø75) , MDO (Ø55-Ø75)	⊗
184033300	MDP 4516	16	45	B	✓	DHC (Ø75 - Ø80) , MDO (Ø75-Ø100)	⊗
184033400	MDP 4520	20	45	C	✓	MDO (Ø100-Ø120)	⊗
184033500	MDP 5625	25	56	C	✓	MDO (Ø120-Ø160)	⊗
184033600	MDP 6830	30	68	C	✓	MDO (Ø160-Ø180)	⊗

⊗ Stock item | Produto de stock | Itens de stock ○ Available under request | Disponível sobre consulta | Disponible bajo consulta

Pilot Drill
mounting procedure



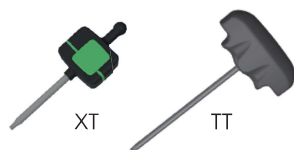
RDS - DRILL SLEEVE



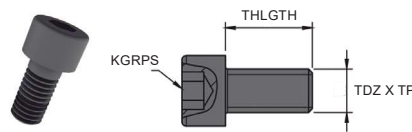
Order Code	Reference	Dimensions Dimensões Dimensiones (mm)						Stock
		DCONMS	DCONWS	OAL	L1	L2	LB	
184258900	RDS 203265	32	20	65	20	-	5	○
184259000	RDS 253265	32	25	65	20	20	5	○
184259100	RDS 204075	40	20	75	20	-	5	○
184259200	RDS 254075	40	25	75	20	25	5	○
184259300	RDS 324075	40	32	75	20	25	5	○
184259400	RDS 205095	50	20	95	35	-	5	○
184259500	RDS 255095	50	25	95	35	-	5	○
184259600	RDS 325095	50	32	95	35	35	5	○
184259700	RDS 405095	50	40	95	35	35	5	○

⊗ Stock item | Produto de stock | Itens de stock ○ Available under request | Disponível sobre consulta | Disponible bajo consulta

SCREWS & KEYS



Screw for Cartridge (DIN 912)

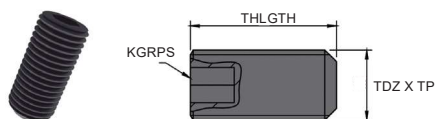


Order Code Código	Reference Referência Referencia
290025800	P0180500
290095800	P02004IP
290031400	P0200500
290095900	P02205IP
290030600	P0220500
290033100	P0250503
290096000	P02507IP
290031300	P0250704
290096100	P03007IP
290030800	P0300701
290096200	P03508IP
290030900	P0350903
290096300	P04010IP
290031000	P0401101
290047500	P0401200
290096400	P05013IP
290031700	P0501300

Order Code	Reference Referência Referencia
290011400	XT06
290012900	XT07
290011700	XT08
290025700	XT09
290012400	XT15
290013200	XT20
290074700	TT15
290089000	TT20
290056100	TT25

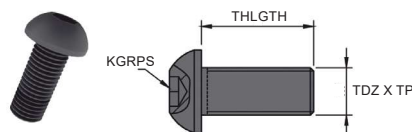
Order Code Código	Screw	Dimensions Dimensões Dimensiones (mm)		
		TDZ x TP	THLGTH	KGRPS
290042800	P0501079	M4 x 0,7	10,0	2,0
290042900	P0501279	M5 x 0,8	12,0	2,5
290043000	P0601279	M6 x 1,0	12,0	2,5
290043100	P0601479	M6 x 1,0	14,0	3,0
290043600	P0601679	M6 x 1,0	16,0	3,0
290043300	P0801879	M8 x 1,25	18,0	4,0
290043400	P0802079	M8 x 1,25	20,0	4,0
290043500	P0802579	M8 x 1,25	25,0	4,0

Fixing Screw and Clamping Bolt for Pilot Drill (DIN 916)



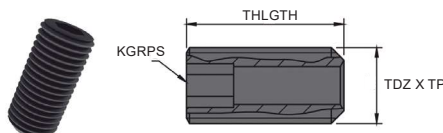
Order Code Código	Screw	Dimensions Dimensões Dimensiones (mm)		
		TDZ x TP	THLGTH	KGRPS
290040100	P0400875	M4 x 0,7	8,0	2,0
290040200	P0500875	M5 x 0,8	8,0	2,5
290040300	P0501075	M5 x 0,8	10,0	2,5
290040400	P0601075	M6 x 1,0	10,0	3,0
290040500	P0601275	M6 x 1,0	12,0	3,0
290040600	P0801275	M8 x 1,25	12,0	4,0
290040700	P0801575	M8 x 1,25	15,0	4,0
290040800	P1001575	M10 x 1,5	15,0	5,0
290040900	P1002075	M10 x 1,5	20,0	5,0
290041000	P1202075	M12 x 1,75	20,0	6,0
290041100	P1202575	M12 x 1,75	25,0	6,0
290041200	P1402575	M14 x 2,0	25,0	6,0
290041300	P1602575	M16 x 2,0	25,0	8,0

Screw for Cartridge (ISO 7380)



Order Code Código	Screw	Dimensions Dimensões Dimensiones (mm)		
		TDZ x TP	THLGTH	KGRPS
290042500	P0401078	M4 x 0,7	10,0	2,0
290042600	P0501078	M5 x 0,8	10,0	2,5
290042700	P0501278	M5 x 0,8	12,0	2,5

Adjustment Screw for Pilot Drill (DIN 916 w/ hole)



Order Code Código	Screw	Dimensions Dimensões Dimensiones (mm)		
		TDZ x TP	THLGTH	KGRPS
290041400	P0601076	M6 x 1,0	10,0	3,0
290041500	P0801576	M8 x 1,25	15,0	4,0
290097100	P1001576	M10 x 1,5	15,0	5,0
290041800	P1202076	M12 x 1,75	20,0	6,0
290041900	P1402076	M14 x 2,0	20,0	6,0

VORTEX SPARE PARTS - MDO CARTRIDGE



ØD	Inner Cartridge		Outer Cartridge		Insert	Insert Screw	Torx key	For Drill	Stock
	Order Code	Reference	Order Code	Reference					
2 INSERTS PER CARTRIDGE									
45-50	184062000	MDC 045050-I	184252600	MDC 045050-O	WC... 030204	P0220500	XT07	MDO 04505013	
50-55	184250400	MDC 050055-I	184252700	MDC 050055-O	WC... 030204	P0220500	XT07	MDO 05005513	
55-60	184250500	MDC 055060-I	184252800	MDC 055060-O	WC... 040204	P0250503	XT08	MDO 05506016	
60-65	184250600	MDC 060065-I	184252900	MDC 060065-O	WC... 050308	P0300701	XT08	MDO 06006516	
65-70	184250700	MDC 065070-I	184253000	MDC 065070-O	WC... 050308	P0300701	XT08	MDO 06507016	
70-75	184250800	MDC 070075-I	184063700	MDC 070075-O	WC... 050308	P0300701	XT08	MDO 07007522	
75-80	184250900	MDC 075080-I	184063800	MDC 075080-O	WC... 06T308	P0350903	XT15	MDO 07508022	
80-85	184251000	MDC 080085-I	184063900	MDC 080085-O	WC... 06T308	P0350903	XT15	MDO 08008522	
85-90	184251100	MDC 085090-I	184064000	MDC 085090-O	WC... 06T308	P0350903	XT15	MDO 08509027	
90-95	184251200	MDC 090095-I	184064100	MDC 090095-O	WC... 06T308	P0350903	XT15	MDO 09009527	
95-100	184251300	MDC 095100-I	184064200	MDC 095100-O	WC... 06T308	P0350903	XT15	MDO 09510027	
3 INSERTS PER CARTRIDGE									
100-105	184251400	MDC 100105-I	184064300	MDC 100105-O	WC... 050308	P0300701	XT08	MDO 10010532	
105-110	184251500	MDC 105110-I	184253100	MDC 105110-O	WC... 06T308	P0350903	XT15	MDO 10511032	
110-115	184251600	MDC 110115-I	184253200	MDC 110115-O	WC... 06T308	P0350903	XT15	MDO 11011532	
115-120	184251700	MDC 115120-I	184253300	MDC 115120-O	WC... 06T308	P0350903	XT15	MDO 11512040	
120-125	184251800	MDC 120125-I	184253400	MDC 120125-O	WC... 06T308	P0350903	XT15	MDO 12012540	
125-130	184251900	MDC 125130-I	184253500	MDC 125130-O	WC... 06T308	P0350903	XT15	MDO 12513040	
130-135	184252000	MDC 130135-I	184068900	MDC 130135-O	WC... 06T308	P0350903	XT15	MDO 13013540	
135-140	184252100	MDC 135140-I	184069000	MDC 135140-O	WC... 06T308	P0350903	XT15	MDO 13514040	
140-150	184252200	MDC 140150-I	184253600	MDC 140150-O	WC... 080408	P0401101	XT15	MDO 14015050	
150-160	184252300	MDC 150160-I	184069200	MDC 150160-O	WC... 080408	P0401101	XT15	MDO 15016050	
160-170	184252400	MDC 160170-I	184069300	MDC 160170-O	WC... 080408	P0401101	XT15	MDO 16017050	
170-180	184252500	MDC 170180-I	184069400	MDC 170180-O	WC... 080408	P0401101	XT15	MDO 17018050	

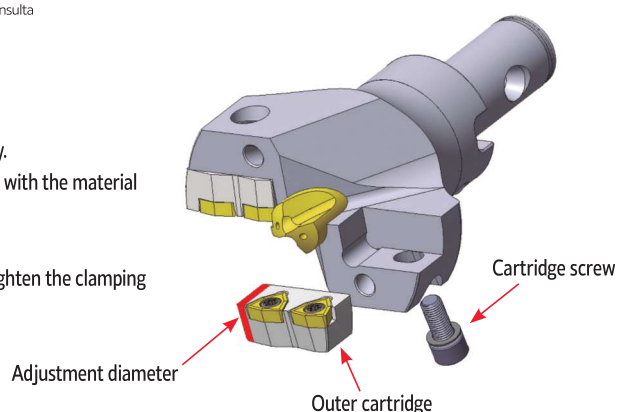
Ⓐ Stock item | Produto de stock | Itens de stock

○ Available under request | Disponível sobre consulta | Disponible bajo consulta

Adjusting the cutting diameter of Vortex MDO 10D

- 1 - Unscrew the clamping bolt that holds the outer cartridge in place and remove it from the drill body.
- 2 - Use a milling tool to carefully cut out the section of the outer cartridge that will come into contact with the material being drilled, making sure to calculate the correct diameter beforehand.
- 3 - Smooth out any sharp edges on the cartridge.
- 4 - Attach the cartridge securely to the drill body, ensuring there are no gaps between the two, and tighten the clamping bolt firmly to keep it in place.

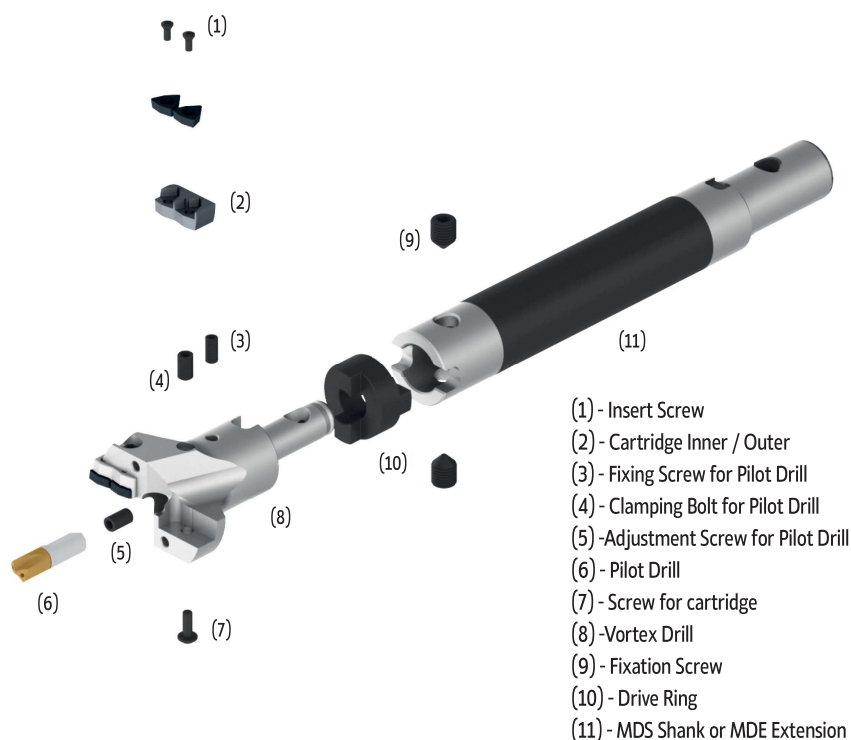
Example: for a standard diameter of Ø120mm and you want Ø116mm you should cut 2mm.



VORTEX SPARE PARTS - SCREWS

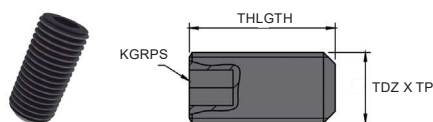
Vortex Drill	(3) Fixing Screw for Pilot Drill		(4) Clamping Bolt for Pilot Drill		(5) Adjustment Screw for Pilot Drill		(7) Screw for Cartridge	
	Order Code	Screw	Order Code	Screw	Order Code	Screw	Order Code	Screw
MDO 04505013	290040100	P0400875	290040400	P0601075	290041400	P0601076	290042500	P0401078
MDO 05005513	290040100	P0400875	290040400	P0601075	290041400	P0601076	290042500	P0401078
MDO 05506016	290040100	P0400875	290040600	P0801275	290041500	P0801576	290042700	P0501278
MDO 06006516	290040200	P0500875	290040600	P0801275	290041500	P0801576	290042700	P0501278
MDO 06507016	290040200	P0500875	290040600	P0801275	290041500	P0801576	290042700	P0501278
MDO 07007522	290040200	P0500875	290040700	P0801575	290041500	P0801576	290042700	P0501278
MDO 07508022	290040400	P0601075	290040900	P1002075	290097100	P1001676	290043000	P0601279
MDO 08008522	290040400	P0601075	290040900	P1002075	290097100	P1001676	290043100	P0601479
MDO 08509027	290040400	P0601075	290040900	P1002075	290097100	P1001876	290043600	P0601679
MDO 09009527	290040400	P0601075	290040900	P1002075	290097100	P1001876	290043600	P0601679
MDO 09510027	290040400	P0601075	290040900	P1002075	290097100	P1001876	290043600	P0601679
MDO 10010532	290040400	P0601075	290041000	P1202075	290041800	P1202076	290043300	P0801879
MDO 10511032	290040400	P0601075	290041000	P1202075	290041800	P1202076	290043300	P0801879
MDO 11011532	290040400	P0601075	290041000	P1202075	290041800	P1202076	290043300	P0801879
MDO 11512040	290040400	P0601075	290041100	P1202575	290041900	P1402076	290043400	P0802079
MDO 12012540	290040400	P0601075	290041200	P1402575	290041900	P1402076	290043500	P0802579
MDO 12513040	290040400	P0601075	290041200	P1402575	290041900	P1402076	290043500	P0802579
MDO 13013540	290040400	P0601075	290041200	P1402575	290041900	P1402076	290043500	P0802579
MDO 13514040	290040400	P0601075	290041200	P1402575	290041900	P1402076	290043500	P0802579
MDO 14015050	290040400	P0601075	290041200	P1402575	290041900	P1402076	290043500	P0802579
MDO 15016050	290040400	P0601075	290041200	P1402575	290041900	P1402076	290043500	P0802579
MDO 16017050	290040400	P0601075	290041300	P1602575	290041900	P1402076	290043500	P0802579
MDO 17018050	290040400	P0601075	290041300	P1602575	290041900	P1402076	290043500	P0802579

(9) Fixation Screw for MDS Shank, MDE Extension, MDM Reducer		
DC / BD	Order Code Código	Screw
28	290032400	P0801280
32	290032400	P0801280
40	290032500	P1001580
48	290032600	P1201880
58	290039600	P1202080
70	290032800	P1602780
80	290032800	P1602780



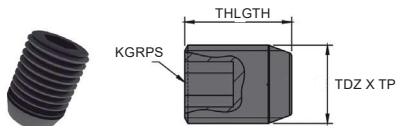
VORTEX SPARE PARTS - SCREWS

Fixing Screw and Clamping Bolt for Pilot Drill (DIN 916)



Order Code Código	Screw	Dimensions Dimensões Dimensiones (mm)		
		TDZ x TP	THLGTH	KGRPS
290040100	P0400875	M4 x 0,7	8,0	2,0
290040200	P0500875	M5 x 0,8	8,0	2,5
290040400	P0601075	M6 x 1,0	10,0	3,0
290040500	P0601275	M6 x 1,0	12,0	3,0
290040700	P0801575	M8 x 1,25	15,0	4,0
290040900	P1002075	M10 x 1,5	20,0	5,0
290041000	P1202075	M12 x 1,75	20,0	6,0
290041100	P1202575	M12 x 1,75	25,0	6,0
290041200	P1402575	M14 x 2,0	25,0	6,0
290041300	P1602575	M16 x 2,0	25,0	8,0

Fixation Screw for MDS Shank, MDE Extension, MDM Reducer



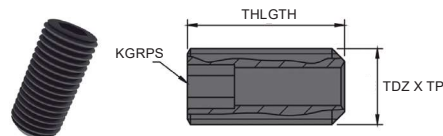
Order Code Código	Screw	Dimensions Dimensões Dimensiones (mm)		
		TDZ x TP	THLGTH	KGRPS
290032400	P0801280	M8	12,0	4,0
290032500	P1001580	M10	15,0	5,0
290032600	P1201880	M12	18,0	6,0
290039600	P1202080	M12	20,0	6,0
290032800	P1602780	M16	27,0	8,0

Insert Screw



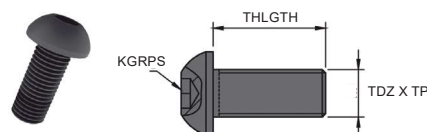
Order Code	Screw
290030600	P0220500
290033100	P0250503
290030800	P0300701
290030900	P0350903
290031000	P0401101

Adjustment Screw for Pilot Drill (DIN 916 w/ hole)



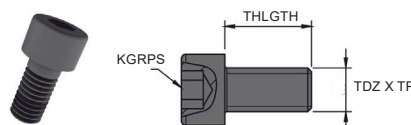
Order Code Código	Screw	Dimensions Dimensões Dimensiones (mm)		
		TDZ x TP	THLGTH	KGRPS
290041400	P0601076	M6 x 1,0	10,0	3,0
290041500	P0801576	M8 x 1,25	15,0	4,0
290097100	P1001676	M10 x 1,5	16,0	5,0
290097100	P1001876	M10 x 1,5	18,0	5,0
290041800	P1202076	M12 x 1,75	20,0	6,0
290041900	P1402076	M14 x 2,0	20,0	6,0

Screw for Cartridge (ISO 7380)



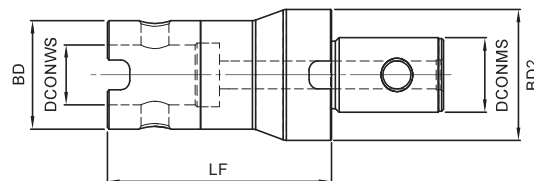
Order Code Código	Screw	Dimensions Dimensões Dimensiones (mm)		
		TDZ x TP	THLGTH	KGRPS
290042500	P0401078	M4 x 0,7	10,0	2,0
290042700	P0501278	M5 x 0,8	12,0	2,5

Screw for Cartridge (DIN 912)



Order Code Código	Screw	Dimensions Dimensões Dimensiones (mm)		
		TDZ x TP	THLGTH	KGRPS
290043000	P0601279	M6 x 1,0	12,0	2,5
290043100	P0601479	M6 x 1,0	14,0	3,0
290043600	P0601679	M6 x 1,0	16,0	3,0
290043300	P0801879	M8 x 1,25	18,0	4,0
290043400	P0802079	M8 x 1,25	20,0	4,0
290043500	P0802579	M8 x 1,25	25,0	4,0

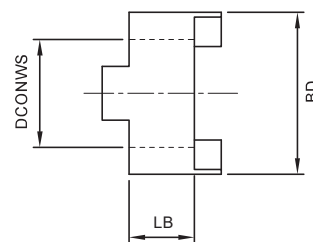
MDM - REDUCER



Order Code	Reference	Dimensions Dimensões Dimensiones (mm)					Drive Ring D1	Drive Ring D2	Stock
		DCONWS	DCONMS	BD	BD2	LF			
184253900	MDM 16100130	13	16	28	32	100	MDR 1028	MDR 1032	⊗
184254000	MDM 22100160	16	22	32	40	100	MDR 1032	MDR 1240	⊗
184254100	MDM 27100220	22	27	40	48	100	MDR 1240	MDR 1248	⊗
184254200	MDM 32100130	13	32	28	58	100	MDR 1028	MDR 1458	○
184254300	MDM 32100160	16	32	32	58	100	MDR 1032	MDR 1458	⊗
184254400	MDM 32100220	22	32	40	58	100	MDR 1240	MDR 1458	○
184254500	MDM 32100270	27	32	48	58	100	MDR 1248	MDR 1458	○
184254600	MDM 40100320	32	40	58	70	100	MDR 1458	MDR 1470	⊗
184254700	MDM 50080130	13	50	28	80	80	MDR 1028	MDR 1680	○
184254800	MDM 50080160	16	50	32	80	80	MDR 1032	MDR 1680	○
184254900	MDM 50080220	22	50	40	80	80	MDR 1240	MDR 1680	○
184255000	MDM 50080270	27	50	48	80	80	MDR 1248	MDR 1680	⊗
184255100	MDM 50080320	32	50	58	80	80	MDR 1458	MDR 1680	○
184250200	MDM 50150400	40	50	70	80	150	MDR 1470	MDR 1680	⊗

⊗ Stock item | Produto de stock | Itens de stock ○ Available under request | Disponível sobre consulta | Disponible bajo consulta

DRIVE RING



Order Code	Reference	Dimensions Dimensões Dimensiones (mm)			Stock
		BD	DCONWS	LB	
184021600	MDR 1028	28	13	10	○
184021700	MDR 1032	32	16	10	○
184022100	MDR 1240	40	22	12	○
184022200	MDR 1248	48	27	12	○
184022300	MDR 1458	58	32	14	○
184022400	MDR 1470	70	40	14	○
184022500	MDR 1680	80	50	16	○

⊗ Stock item | Produto de stock | Itens de stock ○ Available under request | Disponível sobre consulta | Disponible bajo consulta