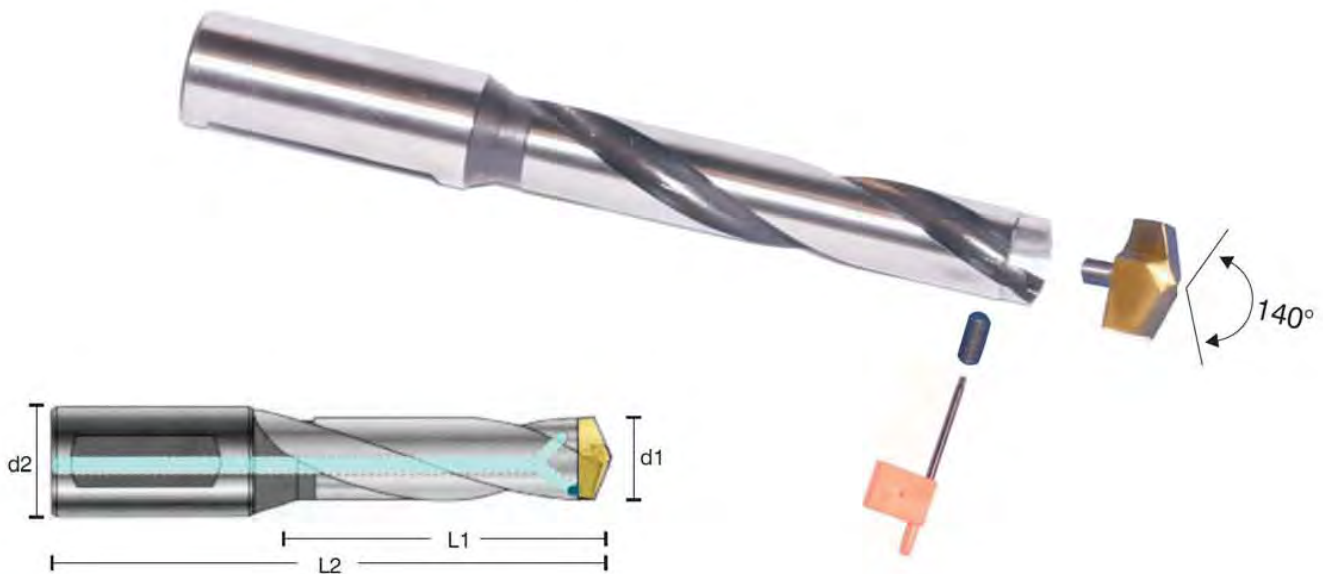


HD-Drill 3xD

Vollbohrer (IK), zylindrischer Schaft 3xD/5xD/7xD mit austauschbarer HM-Wechselschneide.
Ein Träger für jeweils 9 HM-Wechselschneiden (z.B. 10,00 - 10,90).

Drill (with coolant bores), cylindrical shank 3xD/5xD/7xD with changeable Solid Carbide Insert.
One holder for 9 changeable Solid Carbide Inserts (for example 10,00 - 10,90).



6010 3xD HD-Drill

Made in Germany





Bestell-Nr. Ordernummer	Bearbeitungs- durchmesser Workingdiameter	Abmessungen Dimensions			Ersatzteile / Spare Parts	
		L1 (mm)	L2 (mm)	Ø d2 (mm)	Schlüssel Key	Schraube Clamping Screw
6010	Ø d1 (mm)					
HD3 D10	10,00 - 10,90	45	90	12	TX 5	M-M 2,5
HD3 D11	11,00 - 11,90	45	90	12		
HD3 D12	12,00 - 12,90	57	105	16		
HD3 D13	13,00 - 13,90	57	105	16		
HD3 D14	14,00 - 14,90	65	115	16		
HD3 D15	15,00 - 15,90	65	115	16	TX 6	M-M 3
HD3 D16	16,00 - 16,90	80	130	20		
HD3 D17	17,00 - 17,90	80	130	20		
HD3 D18	18,00 - 18,90	90	140	20		
HD3 D19	19,00 - 19,90	90	140	20		
HD3 D20	20,00 - 20,90	95	150	25	TX 8	M-M 4
HD3 D21	21,00 - 21,90	95	150	25		
HD3 D22	22,00 - 22,90	105	160	25		
HD3 D23	23,00 - 23,90	105	160	25		
HD3 D24	24,00 - 24,90	110	170	32		
HD3 D25	25,00 - 25,90	110	170	32	TX 10	M-M 5
HD3 D26	26,00 - 26,90	110	170	32		
HD3 D27	27,00 - 27,90	110	170	32		
HD3 D28	28,00 - 28,90	130	190	32		
HD3 D29	29,00 - 29,90	130	190	32		
HD3 D30	30,00 - 30,90	140	200	32		
HD3 D31	31,00 - 31,90	140	200	32		
HD3 D32	32,00 - 32,90	150	210	32		
HD3 D33	33,00 - 33,90	150	210	32		

HD-Drill 5xD / 7xD




Made in Germany

6015 5xD HD-Drill

Bestell-Nr. Ordernummer	Bearbeitungs- durchmesser Workingdiameter	Abmessungen			Ersatzteile / Spare Parts	
		Dimensions			Schlüssel	Schraube
6015	Ø d1 (mm)	L1 (mm)	L2 (mm)	Ø d2 (mm)	 Key	 Clamping Screw
HD5 D10	10,00 - 10,90	65	110	12	TX 5	M-M 2,5
HD5 D11	11,00 - 11,90	65	110	12		
HD5 D12	12,00 - 12,90	87	135	16		
HD5 D13	13,00 - 13,90	87	135	16		
HD5 D14	14,00 - 14,90	95	145	16		
HD5 D15	15,00 - 15,90	95	145	16	TX 6	M-M 3
HD5 D16	16,00 - 16,90	100	150	20		
HD5 D17	17,00 - 17,90	100	150	20		
HD5 D18	18,00 - 18,90	120	170	20		
HD5 D19	19,00 - 19,90	120	170	20		
HD5 D20	20,00 - 20,90	135	190	25	TX 8	M-M 4
HD5 D21	21,00 - 21,90	135	190	25		
HD5 D22	22,00 - 22,90	145	200	25		
HD5 D23	23,00 - 23,90	145	200	25		
HD5 D24	24,00 - 24,90	160	220	32		
HD5 D25	25,00 - 25,90	160	220	32	TX 10	M-M 5
HD5 D26	26,00 - 26,90	180	240	32		
HD5 D27	27,00 - 27,90	180	240	32		
HD5 D28	28,00 - 28,90	190	250	32		
HD5 D29	29,00 - 29,90	190	250	32		
HD5 D30	30,00 - 30,90	200	260	32		
HD5 D31	31,00 - 31,90	200	260	32		
HD5 D32	32,00 - 32,90	210	270	32		
HD5 D33	33,00 - 33,90	210	270	32		


Made in Germany

6020 7xD HD-Drill

Bestell-Nr. Ordernummer	Bearbeitungs- durchmesser Workingdiameter	Abmessungen			Ersatzteile / Spare Parts	
		Dimensions			Schlüssel	Schraube
6020	Ø d1 (mm)	L1 (mm)	L2 (mm)	Ø d2 (mm)	 Key	 Clamping Screw
HD7 D10	10,00 - 10,90	90	135	12	TX 5	M-M 2,5
HD7 D11	11,00 - 11,90	90	135	12		
HD7 D12	12,00 - 12,90	115	165	16		
HD7 D13	13,00 - 13,90	115	165	16		
HD7 D14	14,00 - 14,90	125	175	16		
HD7 D15	15,00 - 15,90	125	175	16	TX 6	M-M 3
HD7 D16	16,00 - 16,90	140	190	20		
HD7 D17	17,00 - 17,90	140	190	20		
HD7 D18	18,00 - 18,90	160	210	20		
HD7 D19	19,00 - 19,90	160	210	20		
HD7 D20	20,00 - 20,90	175	230	25	TX 8	M-M 4
HD7 D21	21,00 - 21,90	175	230	25		
HD7 D22	22,00 - 22,90	185	240	25		
HD7 D23	23,00 - 23,90	185	240	25		
HD7 D24	24,00 - 24,90	210	270	32		
HD7 D25	25,00 - 25,90	210	270	32	TX 10	M-M 5
HD7 D26	26,00 - 26,90	230	290	32		
HD7 D27	27,00 - 27,90	230	290	32		
HD7 D28	28,00 - 28,90	240	300	32		
HD7 D29	29,00 - 29,90	240	300	32		
HD7 D30	30,00 - 30,90	260	320	32		
HD7 D31	31,00 - 31,90	260	320	32		
HD7 D32	32,00 - 32,90	280	340	32		
HD7 D33	33,00 - 33,90	280	340	32		

HD-Drill

M-MI..



TIALN

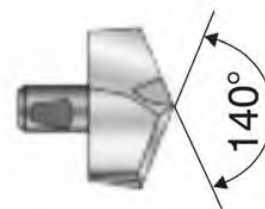
Made in Germany


M-MA..



ALU-TIALN

Made in Germany



Durchmesserbereich d1 Working-Ø d1	Bestell-Nummern für HM-Wechselschneiden für die Arbeitsdurchmesser (mm) Ordernumber for HM-Inserts with Workingdiameter (mm)									
	TIALN 									
10,00 - 10,90	M-MI 10,00	M-MI 10,10	M-MI 10,20	M-MI 10,30	M-MI 10,40	M-MI 10,50	M-MI 10,60	M-MI 10,70	M-MI 10,80	M-MI 10,90
11,00 - 11,90	M-MI 11,00	M-MI 11,10	M-MI 11,20	M-MI 11,30	M-MI 11,40	M-MI 11,50	M-MI 11,60	M-MI 11,70	M-MI 11,80	M-MI 11,90
12,00 - 12,90	M-MI 12,00	M-MI 12,10	M-MI 12,20	M-MI 12,30	M-MI 12,40	M-MI 12,50	M-MI 12,60	M-MI 12,70	M-MI 12,80	M-MI 12,90
13,00 - 13,90	M-MI 13,00	M-MI 13,10	M-MI 13,20	M-MI 13,30	M-MI 13,40	M-MI 13,50	M-MI 13,60	M-MI 13,70	M-MI 13,80	M-MI 13,90
14,00 - 14,90	M-MI 14,00	M-MI 14,10	M-MI 14,20	M-MI 14,30	M-MI 14,40	M-MI 14,50	M-MI 14,60	M-MI 14,70	M-MI 14,80	M-MI 14,90
15,00 - 15,90	M-MI 15,00	M-MI 15,10	M-MI 15,20	M-MI 15,30	M-MI 15,40	M-MI 15,50	M-MI 15,60	M-MI 15,70	M-MI 15,80	M-MI 15,90
16,00 - 16,90	M-MI 16,00	M-MI 16,10	M-MI 16,20	M-MI 16,30	M-MI 16,40	M-MI 16,50	M-MI 16,60	M-MI 16,70	M-MI 16,80	M-MI 16,90
17,00 - 17,90	M-MI 17,00	M-MI 17,10	M-MI 17,20	M-MI 17,30	M-MI 17,40	M-MI 17,50	M-MI 17,60	M-MI 17,70	M-MI 17,80	M-MI 17,90
18,00 - 18,90	M-MI 18,00	M-MI 18,10	M-MI 18,20	M-MI 18,30	M-MI 18,40	M-MI 18,50	M-MI 18,60	M-MI 18,70	M-MI 18,80	M-MI 18,90
19,00 - 19,90	M-MI 19,00	M-MI 19,10	M-MI 19,20	M-MI 19,30	M-MI 19,40	M-MI 19,50	M-MI 19,60	M-MI 19,70	M-MI 19,80	M-MI 19,90
20,00 - 20,90	M-MI 20,00	M-MI 20,10	M-MI 20,20	M-MI 20,30	M-MI 20,40	M-MI 20,50	M-MI 20,60	M-MI 20,70	M-MI 20,80	M-MI 20,90
21,00 - 21,90	M-MI 21,00	M-MI 21,10	M-MI 21,20	M-MI 21,30	M-MI 21,40	M-MI 21,50	M-MI 21,60	M-MI 21,70	M-MI 21,80	M-MI 21,90
22,00 - 22,90	M-MI 22,00	M-MI 22,10	M-MI 22,20	M-MI 22,30	M-MI 22,40	M-MI 22,50	M-MI 22,60	M-MI 22,70	M-MI 22,80	M-MI 22,90
23,00 - 23,90	M-MI 23,00	M-MI 23,10	M-MI 23,20	M-MI 23,30	M-MI 23,40	M-MI 23,50	M-MI 23,60	M-MI 23,70	M-MI 23,80	M-MI 23,90
24,00 - 24,90	M-MI 24,00	M-MI 24,10	M-MI 24,20	M-MI 24,30	M-MI 24,40	M-MI 24,50	M-MI 24,60	M-MI 24,70	M-MI 24,80	M-MI 24,90
25,00 - 25,90	M-MI 25,00	M-MI 25,10	M-MI 25,20	M-MI 25,30	M-MI 25,40	M-MI 25,50	M-MI 25,60	M-MI 25,70	M-MI 25,80	M-MI 25,90
26,00 - 26,90	M-MI 26,00	M-MI 26,10	M-MI 26,20	M-MI 26,30	M-MI 26,40	M-MI 26,50	M-MI 26,60	M-MI 26,70	M-MI 26,80	M-MI 26,90
27,00 - 27,90	M-MI 27,00	M-MI 27,10	M-MI 27,20	M-MI 27,30	M-MI 27,40	M-MI 27,50	M-MI 27,60	M-MI 27,70	M-MI 27,80	M-MI 27,90
28,00 - 28,90	M-MI 28,00	M-MI 28,10	M-MI 28,20	M-MI 28,30	M-MI 28,40	M-MI 28,50	M-MI 28,60	M-MI 28,70	M-MI 28,80	M-MI 28,90
29,00 - 29,90	M-MI 29,00	M-MI 29,10	M-MI 29,20	M-MI 29,30	M-MI 29,40	M-MI 29,50	M-MI 29,60	M-MI 29,70	M-MI 29,80	M-MI 29,90
30,00 - 30,90	M-MI 30,00	M-MI 30,10	M-MI 30,20	M-MI 30,30	M-MI 30,40	M-MI 30,50	M-MI 30,60	M-MI 30,70	M-MI 30,80	M-MI 30,90
31,00 - 31,90	M-MI 31,00	M-MI 31,10	M-MI 31,20	M-MI 31,30	M-MI 31,40	M-MI 31,50	M-MI 31,60	M-MI 31,70	M-MI 31,80	M-MI 31,90
32,00 - 32,90	M-MI 32,00	M-MI 32,10	M-MI 32,20	M-MI 32,30	M-MI 32,40	M-MI 32,50	M-MI 32,60	M-MI 32,70	M-MI 32,80	M-MI 32,90
33,00 - 33,90	M-MI 33,00	M-MI 33,10	M-MI 33,20	M-MI 33,30	M-MI 33,40	M-MI 33,50	M-MI 33,60	M-MI 33,70	M-MI 33,80	M-MI 33,90


Durchmesserbereich d1 Working-Ø d1	Bestell-Nummern für HM-Wechselschneiden für die Arbeitsdurchmesser (mm) Ordernumber for HM-Inserts with Workingdiameter (mm)									
	ALU-TIALN 									
10,00 - 10,90	M-MA 10,00	M-MA 10,10	M-MA 10,20	M-MA 10,30	M-MA 10,40	M-MA 10,50	M-MA 10,60	M-MA 10,70	M-MA 10,80	M-MA 10,90
11,00 - 11,90	M-MA 11,00	M-MA 11,10	M-MA 11,20	M-MA 11,30	M-MA 11,40	M-MA 11,50	M-MA 11,60	M-MA 11,70	M-MA 11,80	M-MA 11,90
12,00 - 12,90	M-MA 12,00	M-MA 12,10	M-MA 12,20	M-MA 12,30	M-MA 12,40	M-MA 12,50	M-MA 12,60	M-MA 12,70	M-MA 12,80	M-MA 12,90
13,00 - 13,90	M-MA 13,00	M-MA 13,10	M-MA 13,20	M-MA 13,30	M-MA 13,40	M-MA 13,50	M-MA 13,60	M-MA 13,70	M-MA 13,80	M-MA 13,90
14,00 - 14,90	M-MA 14,00	M-MA 14,10	M-MA 14,20	M-MA 14,30	M-MA 14,40	M-MA 14,50	M-MA 14,60	M-MA 14,70	M-MA 14,80	M-MA 14,90
15,00 - 15,90	M-MA 15,00	M-MA 15,10	M-MA 15,20	M-MA 15,30	M-MA 15,40	M-MA 15,50	M-MA 15,60	M-MA 15,70	M-MA 15,80	M-MA 15,90
16,00 - 16,90	M-MA 16,00	M-MA 16,10	M-MA 16,20	M-MA 16,30	M-MA 16,40	M-MA 16,50	M-MA 16,60	M-MA 16,70	M-MA 16,80	M-MA 16,90
17,00 - 17,90	M-MA 17,00	M-MA 17,10	M-MA 17,20	M-MA 17,30	M-MA 17,40	M-MA 17,50	M-MA 17,60	M-MA 17,70	M-MA 17,80	M-MA 17,90
18,00 - 18,90	M-MA 18,00	M-MA 18,10	M-MA 18,20	M-MA 18,30	M-MA 18,40	M-MA 18,50	M-MA 18,60	M-MA 18,70	M-MA 18,80	M-MA 18,90
19,00 - 19,90	M-MA 19,00	M-MA 19,10	M-MA 19,20	M-MA 19,30	M-MA 19,40	M-MA 19,50	M-MA 19,60	M-MA 19,70	M-MA 19,80	M-MA 19,90
20,00 - 20,90	M-MA 20,00	M-MA 20,10	M-MA 20,20	M-MA 20,30	M-MA 20,40	M-MA 20,50	M-MA 20,60	M-MA 20,70	M-MA 20,80	M-MA 20,90
21,00 - 21,90	M-MA 21,00	M-MA 21,10	M-MA 21,20	M-MA 21,30	M-MA 21,40	M-MA 21,50	M-MA 21,60	M-MA 21,70	M-MA 21,80	M-MA 21,90
22,00 - 22,90	M-MA 22,00	M-MA 22,10	M-MA 22,20	M-MA 22,30	M-MA 22,40	M-MA 22,50	M-MA 22,60	M-MA 22,70	M-MA 22,80	M-MA 22,90
23,00 - 23,90	M-MA 23,00	M-MA 23,10	M-MA 23,20	M-MA 23,30	M-MA 23,40	M-MA 23,50	M-MA 23,60	M-MA 23,70	M-MA 23,80	M-MA 23,90
24,00 - 24,90	M-MA 24,00	M-MA 24,10	M-MA 24,20	M-MA 24,30	M-MA 24,40	M-MA 24,50	M-MA 24,60	M-MA 24,70	M-MA 24,80	M-MA 24,90
25,00 - 25,90	M-MA 25,00	M-MA 25,10	M-MA 25,20	M-MA 25,30	M-MA 25,40	M-MA 25,50	M-MA 25,60	M-MA 25,70	M-MA 25,80	M-MA 25,90
26,00 - 26,90	M-MA 26,00	M-MA 26,10	M-MA 26,20	M-MA 26,30	M-MA 26,40	M-MA 26,50	M-MA 26,60	M-MA 26,70	M-MA 26,80	M-MA 26,90
27,00 - 27,90	M-MA 27,00	M-MA 27,10	M-MA 27,20	M-MA 27,30	M-MA 27,40	M-MA 27,50	M-MA 27,60	M-MA 27,70	M-MA 27,80	M-MA 27,90
28,00 - 28,90	M-MA 28,00	M-MA 28,10	M-MA 28,20	M-MA 28,30	M-MA 28,40	M-MA 28,50	M-MA 28,60	M-MA 28,70	M-MA 28,80	M-MA 28,90
29,00 - 29,90	M-MA 29,00	M-MA 29,10	M-MA 29,20	M-MA 29,30	M-MA 29,40	M-MA 29,50	M-MA 29,60	M-MA 29,70	M-MA 29,80	M-MA 29,90
30,00 - 30,90	M-MA 30,00	M-MA 30,10	M-MA 30,20	M-MA 30,30	M-MA 30,40	M-MA 30,50	M-MA 30,60	M-MA 30,70	M-MA 30,80	M-MA 30,90
31,00 - 31,90	M-MA 31,00	M-MA 31,10	M-MA 31,20	M-MA 31,30	M-MA 31,40	M-MA 31,50	M-MA 31,60	M-MA 31,70	M-MA 31,80	M-MA 31,90
32,00 - 32,90	M-MA 32,00	M-MA 32,10	M-MA 32,20	M-MA 32,30	M-MA 32,40	M-MA 32,50	M-MA 32,60	M-MA 32,70	M-MA 32,80	M-MA 32,90
33,00 - 33,90	M-MA 33,00	M-MA 33,10	M-MA 33,20	M-MA 33,30	M-MA 33,40	M-MA 33,50	M-MA 33,60	M-MA 33,70	M-MA 33,80	M-MA 33,90

HD-Drill

M-SI..



180°

Durchmesserbereich d1 Working-Ø d1	Bestell-Nummern für HM-Wechselschneiden für die Arbeitsdurchmesser (mm) Ordernumber for HM-Inserts with Workingdiameter (mm)	TIALN 
10,00	M-SI - 10,00	
11,00	M-SI - 11,00	
13,00	M-SI - 13,00	
15,00	M-SI - 15,00	
18,00	M-SI - 18,00	
20,00	M-SI - 20,00	
22,00	M-SI - 22,00	
24,00	M-SI - 24,00	
26,00	M-SI - 26,00	
30,00	M-SI - 30,00	
33,00	M-SI - 33,00	



HD-Drill

EMPFOHLENE SCHNITTDATEN Recommended Cutting Speeds

Materialgruppen Material-Grade	Ø Bohrer - Ø Drill									
	Ø10-Ø16		Ø16-Ø25		Ø25-Ø32		Ø32-Ø40		Ø40-Ø50	
	vc m/min	Vorschub mm/U	vc m/min	Vorschub mm/U	vc m/min	Vorschub mm/U	vc m/min	Vorschub mm/U	vc m/min	Vorschub mm/U
Unlegierter Stahl unalloyed steel	55-70	0,10-0,30	55-70	0,16-0,40	60-85	0,20-0,40	70-90	0,22-0,48	75-95	0,25-0,54
Legierter Stahl Alloyed steel	50-75	0,10-0,30	50-75	0,15-0,40	55-80	0,18-0,40	60-90	0,25-0,47	65-95	0,27-0,52
Gehärteter Stahl Hardened steel	40-50	0,10-0,20	40-50	0,12-0,28	40-50	0,16-0,35	40-60	0,20-0,38	40-60	0,22-0,42
Rostfreier Stahl Stainless steel	35-50	0,10-0,20	35-50	0,10-0,22	35-50	0,15-0,28	40-55	0,18-0,30	40-55	0,22-0,32
Grauguss Cast iron	50-70	0,20-0,30	50-70	0,25-0,45	50-80	0,35-0,55	60-90	0,34-0,58	80-100	0,38-0,60
Kugelgraphitguss Ductile cast iron	40-65	0,20-0,30	40-65	0,22-0,45	45-75	0,32-0,52	50-80	0,35-0,62	70-100	0,38-0,60
Aluminium Aluminum	80-100	0,20-0,30	80-100	0,25-0,40	90-110	0,30-0,45	90-110	0,30-0,45	90-120	0,30-0,50

Schnittdaten sind nur Richtwerte für 3xD.

Cutting Speeds are only recommended data for 3xD.

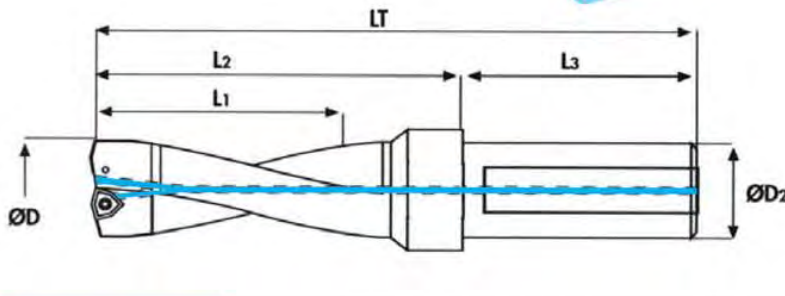
Bei Einsatz des HD-Drills (7xD) empfehlen wir vorher zu zentrieren! We recommend to centering before using HD-Drill (7xD)!




TD-Drill 3xD

6025



Made in Germany

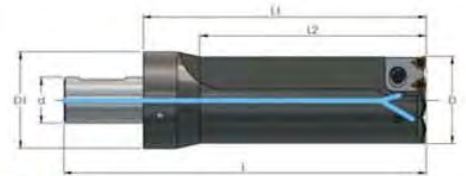


Bestell-Nr. Order Number:	Abmessungen / Dimensions							WENDEPLATTEN INSERTS	ERSATZTEILE SPARE PARTS	
	ØD	ØD1	ØD2	LT	L1	L2	L3		 Wrench	 Clamp Screw
6025										
TD 160-30 R	16	32	25	134	49	80	54	WCMT 030208	M-BT08	M-VT25-2
TD 165-30 R	16,5	32	25	135,5	50,5	81,5	54	WCMT 030208	M-BT08	M-VT25-2
TD 170-30 R	17	32	25	137	52	83	54	WCMT 030208	M-BT08	M-VT25-2
TD 175-30 R	17,5	32	25	138,5	54,5	84,5	54	WCMT 030208	M-BT08	M-VT25-2
TD 180-30 R	18	32	25	140	56	86	54	WCMT 030208	M-BT08	M-VT25-2
TD 185-30 R	18,5	32	25	141,5	57,5	87,5	54	WCMT 030208	M-BT08	M-VT25-2
TD 190-30 R	19	32	25	143	59	89	54	WCMT 030208	M-BT08	M-VT25-2
TD 195-30 R	19,5	32	25	144,5	60,5	90,5	54	WCMT 030208	M-BT08	M-VT25-2
TD 200-30 R	20	32	25	146	62	92	54	WCMT 030208	M-BT08	M-VT25-2
TD 205-30 R	20,5	32	25	147,5	63,5	93,5	54	WCMT 030208	M-BT08	M-VT25-2
TD 210-30 R	21	32	25	149	65	95	54	WCMT 040208	M-BT08	M-VT25
TD 215-30 R	21,5	32	25	150,5	66,5	96,5	54	WCMT 040208	M-BT08	M-VT25
TD 220-30 R	22	32	25	152	68	98	54	WCMT 040208	M-BT08	M-VT25
TD 225-30 R	22,5	32	25	153,5	69,5	99,5	54	WCMT 040208	M-BT08	M-VT25
TD 230-30 R	23	32	25	155	71	101	54	WCMT 040208	M-BT08	M-VT25
TD 235-30 R	23,5	32	25	156,5	72,5	102,5	54	WCMT 040208	M-BT08	M-VT25
TD 240-30 R	24	32	25	158	74	104	54	WCMT 040208	M-BT08	M-VT25
TD 245-30 R	24,5	32	25	159,5	75,5	105,5	54	WCMT 040208	M-BT08	M-VT25
TD 250-30 R	25	32	25	161	77	107	54	WCMT 040208	M-BT08	M-VT25
TD 255-30 R	25,5	32	25	162,5	78,5	108,5	54	WCMT 040208	M-BT08	M-VT25
TD 260-30 R	26	32	25	164	80	110	54	WCMT 050308	M-BT08	M-VT30
TD 265-30 R	26,5	32	25	165,5	81,5	111,5	54	WCMT 050308	M-BT08	M-VT30
TD 270-30 R	27	32	25	167	83	113	54	WCMT 050308	M-BT08	M-VT30
TD 280-30 R	28	32	25	170	86	116	54	WCMT 050308	M-BT08	M-VT30
TD 290-30 R	29	32	25	173	89	119	54	WCMT 050308	M-BT08	M-VT30
TD 300-30 R	30	49	32	180	92	122	58	WCMT 050308	M-BT08	M-VT30
TD 310-30 R	31	49	32	183	95	125	58	WCMT 06T308	M-BT15	M-VT35
TD 320-30 R	32	49	32	186	98	128	58	WCMT 06T308	M-BT15	M-VT35
TD 330-30 R	33	49	32	189	101	131	58	WCMT 06T308	M-BT15	M-VT35
TD 340-30 R	34	49	32	192	104	134	58	WCMT 06T308	M-BT15	M-VT35
TD 350-30 R	35	49	32	195	107	137	58	WCMT 06T308	M-BT15	M-VT35
TD 360-30 R	36	49	32	198	110	140	58	WCMT 06T308	M-BT15	M-VT35
TD 370-30 R	37	49	32	201	113	143	58	WCMT 06T308	M-BT15	M-VT35
TD 380-30 R	38	49	32	204	116	146	58	WCMT 06T308	M-BT15	M-VT35
TD 390-30 R	39	49	32	207	119	149	58	WCMT 06T308	M-BT15	M-VT35
TD 400-30 R	40	49	32	210	122	152	58	WCMT 06T308	M-BT15	M-VT35
TD 410-30 R	41	49	32	213	125	155	58	WCMT 06T308	M-BT15	M-VT35
TD 420-30 R	42	49	32	216	128	158	58	WCMT 080408-12	M-BT15	M-VT41
TD 430-30 R	43	49	32	219	131	161	58	WCMT 080408-12	M-BT15	M-VT41
TD 440-30 R	44	49	32	222	134	164	58	WCMT 080408-12	M-BT15	M-VT41
TD 450-30 R	45	59	40	240	137	172	68	WCMT 080408-12	M-BT15	M-VT41
TD 460-30 R	46	59	40	243	140	175	68	WCMT 080408-12	M-BT15	M-VT41
TD 470-30 R	47	59	40	246	143	178	68	WCMT 080408-12	M-BT15	M-VT41
TD 480-30 R	48	59	40	249	146	181	68	WCMT 080408-12	M-BT15	M-VT41
TD 490-30 R	49	59	40	252	149	184	68	WCMT 080408-12	M-BT15	M-VT41
TD 500-30 R	50	59	40	255	152	187	68	WCMT 080408-12	M-BT15	M-VT41
TD 510-30 R	51	59	40	258	155	190	68	WCMT 080408-12	M-BT15	M-VT41
TD 520-30 R	52	59	40	261	158	193	68	WCMT 080408-12	M-BT15	M-VT41
TD 530-30 R	53	59	40	264	161	196	68	WCMT 080408-12	M-BT15	M-VT41
TD 540-30 R	54	59	40	267	164	199	68	WCMT 080408-12	M-BT15	M-VT41
TD 550-30 R	55	59	40	270	167	202	68	WCMT 080408-12	M-BT15	M-VT41
TD 560-30 R	56	59	40	273	170	205	68	WCMT 080408-12	M-BT15	M-VT41
TD 570-30 R	57	59	40	276	173	208	68	WCMT 080408-12	M-BT15	M-VT41

Ø51bis Ø57 auf Anfrage / Ø51 until Ø57 of inquiry


Bestellbeispiel / Orderexample: 6025 TD 160-30 R

TD-Drill 2,5xD









Made in Germany

NEU / NEW

Bestell-Nr./Order No. 6025	Abmessungen - Dimension (mm)								Kassetten Cassettes		Wendepplatten inserts
	D	d	D1	Dmin-Dmax	L	L1	L2	Anz./WSP. pcs/insert	Außen outside	Innen inside	
TD 700-25R	70	40	80	69-72	278	210	140	4	M-BA70	M-BI70	WCMT 06T308..
TD 800-25R	80	40	80	78-81	318	250	200	4	M-BA80	M-BI80	WCMT 06T308..

Bestellbeispiel / Orderexample: 6025-TD 700-25R

Ersatzteile Spare parts	Kassette Außen Cassette outside	Kassette Innen Cassette inside	Spannschraube f. Wendepplatte Insert clamping screw	Klemmschraube f. Kassette clamping screw for cassette	Justierschraube f. Feineinstellung Adjustingscrew for fine setting	Torxdreher Key
TD 700-25R	 M-BA70	 M-BI70	 M-VT 35	 M-BL 4	 M-M 4	 M-BT 15 M-BT 08
TD 800-25R	M-BA80	M-BI80				

Körper und Einbauteile sind im Lieferumfang enthalten.

Durch die radiale einstellbare Außenkassette läßt sich der Bohrdurchmesser um +3mm korrigieren.

Weitere Größen auf Anfrage.


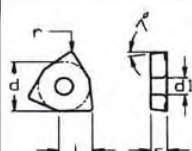






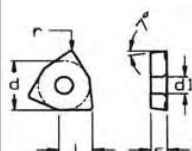





Body and chassis parts are include!

By the radially adjustable outside cassette can be the correct bore diameter +3mm.

Further sizes on request.

TD-Drill

Wendepplatten Inserts

WCMT...	Form Figure	Abmessungen Dimensions					Bezeichnung Designation	Beschichtete Sorten-coated grades				
		l	d	s	d1	r		Unbeschichtete Sorten-uncoated	PT135	PTC50	PTC80	PTC100
 WCMT...WM...		3,46	5,56	2,38	2,50	0,80	WCMT 030208 WCMT 040208 WCMT 050308 WCMT 06T308 WCMT 080408 WCMT 080412					
		3,99	6,35	2,38	2,80	0,80						
		5,07	7,94	3,18	3,40	0,80						
		6,14	9,52	3,97	3,80	0,80						
		8,14	12,70	4,76	5,40	0,80						
		8,14	12,70	4,76	5,40	1,20						
		8,14	12,70	4,76	5,40	1,20						
 WCMT...WG...		3,46	5,56	2,38	2,50	0,80	WCMT 030208 WCMT 040208 WCMT 050308 WCMT 06T308 WCMT 080412					
		3,99	6,35	2,38	2,80	0,80						
		5,07	7,94	3,18	3,40	0,80						
		6,14	9,52	3,97	3,80	0,80						
		8,14	12,70	4,76	5,40	0,80						
		8,14	12,70	4,76	5,40	1,20						
		8,14	12,70	4,76	5,40	1,20						