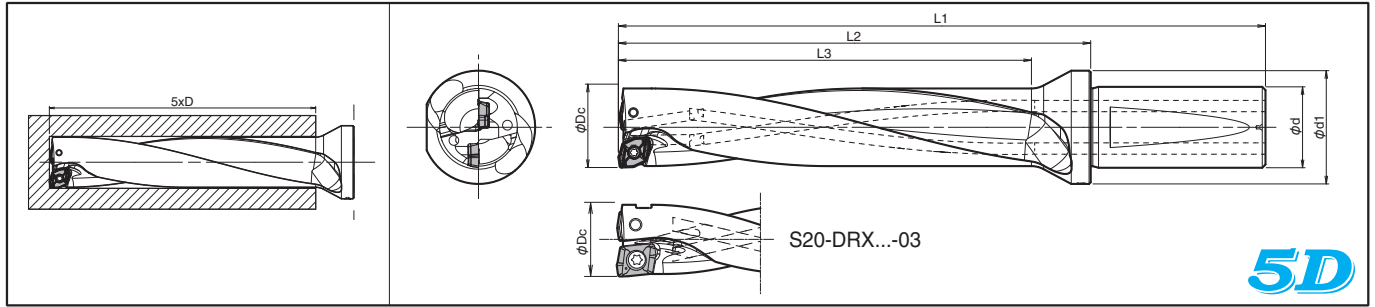


MagicDrill® DRX

DRX (Cutting Depth: 5xD)



Toolholder Dimension

Description	Std.	No. of Insert	Dimensions (mm)					Max. Offset (Radial) (mm)	Spare Parts		Applicable Inserts ● K24								
			øDc	L1	L2	L3	ød		ød1	Clamp Screw		Wrench							
S20 -DRX120M-5-03	●	2	12	124	81	60	20	27	+0.5 +0.3	SB-2042TRG	DTM-6	Outer edge ZXMT030203○○-E Inner Edge ZXMT030203GM-I							
-DRX130M-5-03	●		13	129	86	65													
-DRX140M-5-04	●		14	134	91	70													
-DRX150M-5-04	●		15	139	96	75													
S25 -DRX160M-5-05	●	2	16	158	103	80	25	32	+0.7 +0.4 +0.2	SB-2045TR	DTM-6	ZXMT05T203○○							
-DRX170M-5-05	●		17	163	108	85													
-DRX180M-5-05	●		18	168	113	90													
-DRX190M-5-06	●		19	170	116	95													
-DRX200M-5-06	●	2	20	175	121	100	25	32	+0.8 +0.5 +0.3	SB-2250TR	DTM-7	ZXMT06T204○○							
-DRX210M-5-06	●		21	180	126	105													
-DRX220M-5-07	●	2	22	185	130	110	25	32	+1.2 +0.9 +0.7 +0.4 +0.2	SB-2570TR	DTM-8	ZXMT070305○○							
-DRX230M-5-07	●		23	190	135	115													
-DRX240M-5-07	●		24	195	140	120													
-DRX250M-5-07	●		25	200	145	125													
-DRX260M-5-07	●		26	205	150	130													
-DRX270M-5-09	●		2	27	217	157							135	32	42	+1.6 +1.3 +1.1 +0.8 +0.6	SB-3080TR	DTM-10	ZXMT09T306○○
-DRX280M-5-09	●	28		222	162	140													
-DRX290M-5-09	●	29		227	167	145													
-DRX300M-5-09	●	30		232	172	150													
-DRX310M-5-09	●	2	31	237	177	155	40	50	+2.2 +1.9 +1.7 +1.4 +1.2 +0.9 +0.7	SB-4085TR	DTM-15	ZXMT11T306○○							
S40 -DRX320M-5-11	●		32	255	186	160													
-DRX330M-5-11	●		33	260	191	165													
-DRX340M-5-11	●		34	265	196	170													
-DRX350M-5-11	●		35	270	201	175													
-DRX360M-5-11	●		36	275	206	180													
-DRX370M-5-11	●		37	280	211	185													
-DRX380M-5-11	●		38	285	216	190													
-DRX390M-5-14	●		2	39	296	227							195	55	60	+2.8 +2.5 +2.3 +2.0 +1.8 +1.5 +1.3 +1.0 +0.8	SB-5090TR	DT-20	ZXMT140408○○
-DRX400M-5-14	●			40	301	232							200						
-DRX410M-5-14	●	41		306	237	205													
-DRX420M-5-14	●	42		311	242	210													
-DRX430M-5-14	●	43		316	247	215													
-DRX440M-5-14	●	44		321	252	220													
-DRX450M-5-14	●	45		326	257	225													
-DRX460M-5-14	●	46		331	262	230													
-DRX470M-5-14	●	47	336	267	235														
S50 -DRX480M-5-17	●	2	48	338	269	240	50	60	+3.8 +3.5 +3.3 +3.0 +2.8 +2.5 +2.3 +2.0 +1.8 +1.5 +1.3 +1.0 +0.8	SB-60120TR	DT-25	ZXMT170608○○							
-DRX490M-5-17	●		49	343	274	245													
-DRX500M-5-17	●		50	348	279	250													
-DRX510M-5-17	●		51	353	284	255													
-DRX520M-5-17	●		52	358	289	260													
-DRX530M-5-17	●		53	363	294	265													
-DRX540M-5-17	●		54	368	299	270													
-DRX550M-5-17	●		55	373	304	275													
-DRX560M-5-17	●		56	378	309	280													
-DRX570M-5-17	●		57	383	314	285													
-DRX580M-5-17	●		58	388	319	290													
-DRX590M-5-17	●		59	393	324	295													
-DRX600M-5-17	●	60	398	329	300														

• When offset machining, reduce feed rate to 0.05mm/rev. or less.
• See K35 for Adjustable Sleeve (SHE type).

For recommended cutting conditions, see page ● K34

For trouble shooting, see page ● K33

• Cutting Tolerance (5D type)

Dc	Cutting Tolerance (mm)	Dc	Cutting Tolerance (mm)	Dc	Cutting Tolerance (mm)
ø12~ø26	+0.30 -0.10	ø27~ø38	+0.35 -0.15	ø39~ø60	+0.40 -0.20

* The values shown in the left are only estimation.
These guideline numbers may be variable depending on machines, workpieces, clamping conditions and cutting conditions.

● : Std. Item