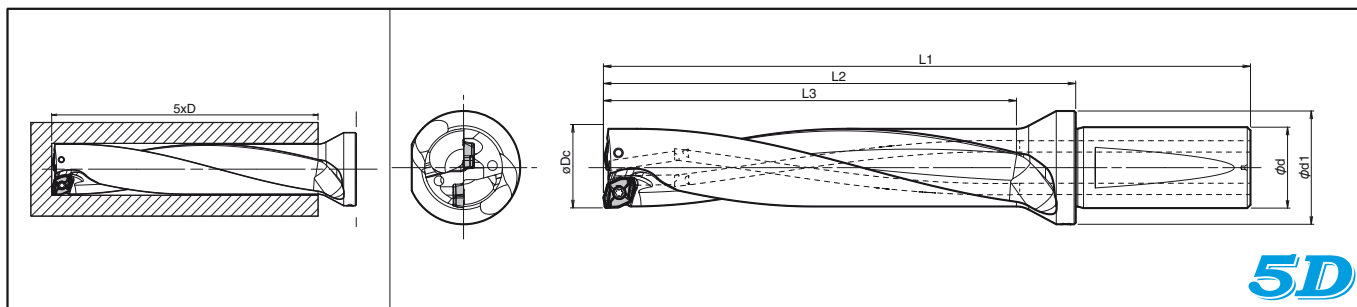


MagicDrill® DRX type

DRX (Cutting Depth: 5×D)



Toolholder Dimensions

Description	Std.	No. of Insert	Dimension (mm)						Max. Offset (Radial) (mm)	Spare Parts		Applicable Inserts K22
			øDc	L1	L2	L3	ød	ød1		Clamp Screw	Wrench	
S20 -DRX140M-5-04 -DRX150M-5-04	●	2	14 15	134 139	91 96	70 75	20	27	+0.4 +0.2	SB-2042TRG	DTM-6	ZXMT040203○○
S25 -DRX160M-5-05 -DRX170M-5-05 -DRX180M-5-05	●	2	16 17 18	158 163 168	103 108 113	80 85 90	25	32	+0.7 +0.4 +0.2	SB-2045TR	DTM-6	ZXMT05T203○○
-DRX190M-5-06 -DRX200M-5-06 -DRX210M-5-06	●	2	19 20 21	170 175 180	116 121 126	95 100 105	25	32	+0.8 +0.5 +0.3	SB-2250TR	DTM-7	ZXMT06T204○○
-DRX220M-5-07 -DRX230M-5-07 -DRX240M-5-07 -DRX250M-5-07 -DRX260M-5-07	●	2	22 23 24 25 26	185 190 195 200 205	130 135 140 145 150	110 115 120 125 130	25	32	+1.2 +0.9 +0.7 +0.4 +0.2	SB-2570TR	DTM-8	ZXMT070305○○
S32 -DRX270M-5-09 -DRX280M-5-09 -DRX290M-5-09 -DRX300M-5-09 -DRX310M-5-09	●	2	27 28 29 30 31	217 222 227 232 237	157 162 167 172 177	135 140 145 150 155	32	42 45	+1.6 +1.3 +1.1 +0.8 +0.6	SB-3080TR	DTM-10	ZXMT09T306○○
S40 -DRX320M-5-11 -DRX330M-5-11 -DRX340M-5-11 -DRX350M-5-11 -DRX360M-5-11 -DRX370M-5-11 -DRX380M-5-11	●	2	32 33 34 35 36 37 38	255 260 265 270 275 280 285	186 191 196 201 206 211 216	160 165 170 175 180 185 190	40	50	+2.2 +1.9 +1.7 +1.4 +1.2 +0.9 +0.7	SB-4085TR	DTM-15	ZXMT11T306○○
-DRX390M-5-14 -DRX400M-5-14 -DRX410M-5-14 -DRX420M-5-14 -DRX430M-5-14 -DRX440M-5-14 -DRX450M-5-14 -DRX460M-5-14 -DRX470M-5-14	●	2	39 40 41 42 43 44 45 46 47	296 301 306 311 316 321 326 331 336	227 232 237 242 247 252 257 262 267	195 200 205 210 215 220 225 230 235	40	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○○
S50 -DRX480M-5-17 -DRX490M-5-17 -DRX500M-5-17 -DRX510M-5-17 -DRX520M-5-17 -DRX530M-5-17 -DRX540M-5-17 -DRX550M-5-17 -DRX560M-5-17 -DRX570M-5-17 -DRX580M-5-17 -DRX590M-5-17 -DRX600M-5-17	●	2	48 49 50 51 52 53 54 55 56 57 58 59 60	338 343 348 353 358 363 368 373 378 383 388 393 398	269 274 279 284 289 294 299 304 309 314 319 324 329	240 245 250 255 260 265 270 275 280 285 290 295 300	50	60 65	+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○○

• When offset machining, reduce feed rate to 0.08mm/rev. or less.

• See K33 for Adjustable Sleeve (SHE type).

For recommended cutting conditions, see page K32

For troubleshooting, see page K31

Cutting tolerance (5D type)

Dc	Cutting tolerance (mm)	Dc	Cutting tolerance (mm)	Dc	Cutting tolerance (mm)
ø14~ø26	+0.30 -0.10	ø27~ø38	+0.35 -0.15	ø39~ø60	+0.40 -0.20

* Figures on the left are numeric guidelines.
It may vary depending on machines / work materials / clamp status / cutting conditions.

● : Std. Item ○ : Check Availability R : Std. Item (R-hand Only) L : Std. Item (L-hand Only)