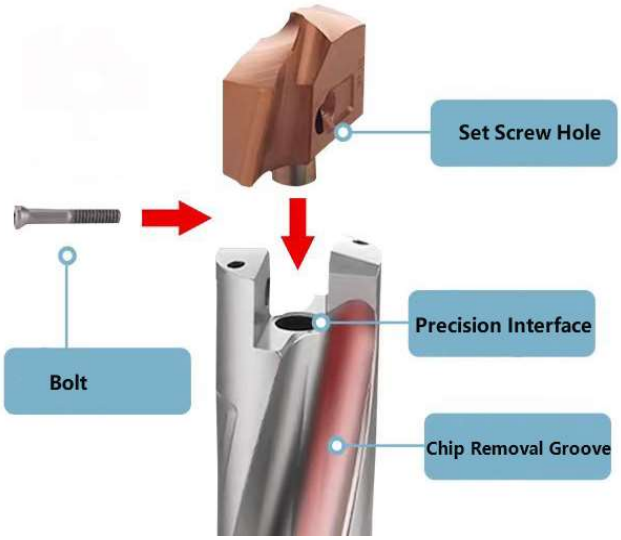
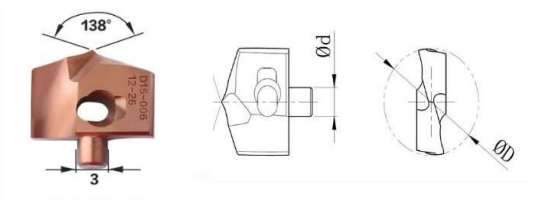
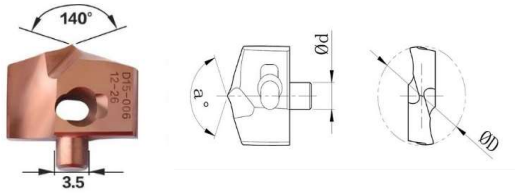
SIDE LOCKING JCD SERIES DRILLS





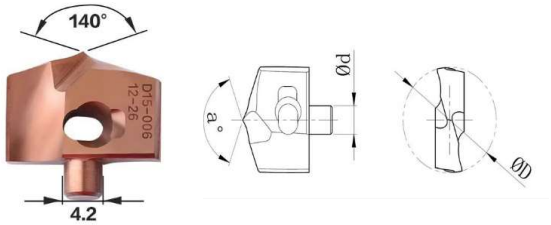
INSERTS



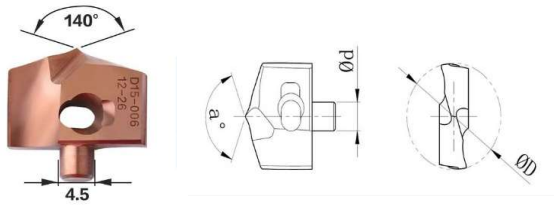


Model	D(mm)	d(mm)	a（Degrees）
JCD1000	10	3	138
JCD1010G	10,1	3	138
JCD1020G	10,2	3	138
JCD1030G	10,3	3	138
JCD1040G	10,4	3	138
JCD1050G	10,5	3	138
JCD1060G	10,6	3	138
JCD1070G	10,7	3	138
JCD1080G	10,8	3	138
JCD1090G	10,9	3	138
JCD1100G	11	3	138
JCD1110G	11,1	3	138
JCD1120G	11,2	3	138
JCD1130G	11,3	3	138
JCD1140G	11,4	3	138
JCD1150G	11,5	3	138
JCD1160G	11,6	3	138
JCD1170G	11,7	3	138
JCD1180G	11,8	3	138
JCD1190G	11,9	3	138
JCD1200G	12	3	138
JCD1210G	12,1	3	138
JCD1220G	12,2	3	138
JCD1230G	12,3	3	138
JCD1240G	12,4	3	138
JCD1250G	12,5	3	138
JCD1260G	12,6	3	138
JCD1270G	12,7	3	138
JCD1280G	12,8	3	138
JCD1290G	12,9	3	138

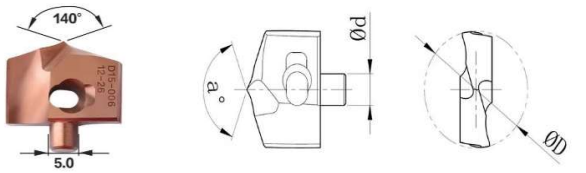
Model	D(mm)	d(mm)	a（Degrees）
JCD1300	13	3,5	140
JCD1310	13,1	3,5	140
JCD1320	13,2	3,5	140
JCD1330	13,3	3,5	140
JCD1340	13,4	3,5	140
JCD1350	13,5	3,5	140
JCD1360	13,6	3,5	140
JCD1370	13,7	3,5	140
JCD1380	13,8	3,5	140
JCD1390	13,9	3,5	140
JCD1400	14	3,5	140
JCD1410	14,1	3,5	140
JCD1420	14,2	3,5	140
JCD1430	14,3	3,5	140
JCD1440	14,4	3,5	140
JCD1450	14,5	3,5	140
JCD1460	14,6	3,5	140
JCD1470	14,7	3,5	140
JCD1480	14,8	3,5	140
JCD1490	14,9	3,5	140
JCD1500	15	3,5	140
JCD1510	15,1	3,5	140
JCD1520	15,2	3,5	140
JCD1530	15,3	3,5	140
JCD1540	15,4	3,5	140
JCD1550	15,5	3,5	140
JCD1560	15,6	3,5	140
JCD1570	15,7	3,5	140
JCD1580	15,8	3,5	140
JCD1590	15,9	3,5	140



Model	D(mm)	d(mm)	a（Degrees）
JCD1600	16	4,2	140
JCD1610	16,1	4,2	140
JCD1620	16,2	4,2	140
JCD1630	16,3	4,2	140
JCD1640	16,4	4,2	140
JCD1650	16,5	4,2	140
JCD1660	16,6	4,2	140
JCD1670	16,7	4,2	140
JCD1680	16,8	4,2	140
JCD1690	16,9	4,2	140
JCD1700	17	4,2	140
JCD1710	17,1	4,2	140
JCD1720	17,2	4,2	140
JCD1730	17,3	4,2	140
JCD1740	17,4	4,2	140
JCD1750	17,5	4,2	140
JCD1760	17,6	4,2	140
JCD1770	17,7	4,2	140
JCD1780	17,8	4,2	140
JCD1790	17,9	4,2	140



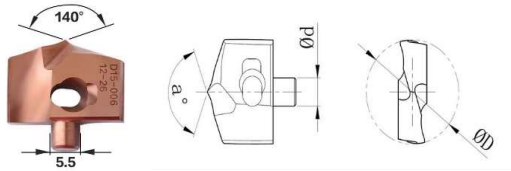
Model	D(mm)	d(mm)	a（Degrees）
JCD1800	18	4,5	140
JCD1810	18,1	4,5	140
JCD18020	18,2	4,5	140
JCD1830	18,3	4,5	140
JCD1840	18,4	4,5	140
JCD1850	18,5	4,5	140
JCD1860	18,6	4,5	140
JCD1870	18,7	4,5	140
JCD1880	18,8	4,5	140
JCD1890	18,9	4,5	140
JCD1900	19	4,5	140
JCD1910	19,1	4,5	140
JCD1920	19,2	4,5	140
JCD1930	19,3	4,5	140
JCD1940	19,4	4,5	140
JCD1950	19,5	4,5	140
JCD1960	19,6	4,5	140
JCD1970	19,7	4,5	140
JCD1980	19,8	4,5	140
JCD1990	19,9	4,5	140



Model	D(mm)	d(mm)	a（Degrees）
JCD2000	20	5	140
JCD2010	20,1	5	140
JCD2020	20,2	5	140
JCD2030	20,3	5	140
JCD2040	20,4	5	140
JCD2050	20,5	5	140
JCD2060	20,6	5	140
JCD2070	20,7	5	140
JCD2080	20,8	5	140
JCD2090	20,9	5	140
JCD2100	21	5	140
JCD2110	21,1	5	140
JCD2120	21,2	5	140
JCD2130	21,3	5	140
JCD2140	21,4	5	140
JCD2150	21,5	5	140

Model	D(mm)	d(mm)	a（Degrees）
JCD2160	21,6	5	140
JCD2170	21,7	5	140
JCD2180	21,8	5	140
JCD2190	21,9	5	140
JCD2200	22	5	140
JCD2210	22,1	5	140
JCD2220	22,2	5	140
JCD2230	22,3	5	140
JCD2240	22,4	5	140
JCD2250	22,5	5	140
JCD2260	22,6	5	140
JCD2270	22,7	5	140
JCD2280	22,8	5	140
JCD2290	22,9	5	140
JCD2300	23	5	140
JCD2310	23,1	5	140

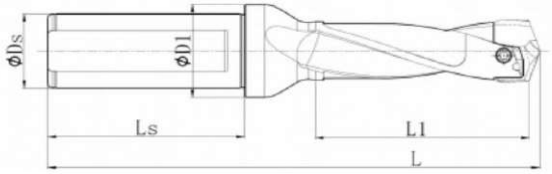
Model	D(mm)	d(mm)	a（Degrees）
JCD2320	23,2	5	140
JCD2330	23,3	5	140
JCD2340	23,4	5	140
JCD2350	23,5	5	140
JCD2360	23,6	5	140
JCD2370	23,7	5	140
JCD2380	23,8	5	140
JCD2390	23,9	5	140



Model	D(mm)	d(mm)	a（Degrees）
JCD2400	24	5,5	140
JCD2410	24,1	5,5	140
JCD2420	24,2	5,5	140
JCD2430	24,3	5,5	140
JCD2440	24,4	5,5	140
JCD2450	24,5	5,5	140
JCD2460	24,6	5,5	140
JCD2470	24,7	5,5	140
JCD2480	24,8	5,5	140
JCD2490	24,9	5,5	140
JCD2500	25	5,5	140
JCD2510	25,1	5,5	140
JCD2520	25,2	5,5	140
JCD2530	25,3	5,5	140
JCD2540	25,4	5,5	140
JCD2550	25,5	5,5	140
JCD2560	25,6	5,5	140
JCD2570	25,7	5,5	140
JCD2580	25,8	5,5	140
JCD2590	25,9	5,5	140

HOLDERS





3D	Models	D	L1	D1	Ds	Size Range	Screw	Wrench
	JCD C20-100-3D	10	30	24	20	□CD-10.0-10.9	CM2.2*9	T6
	JCD C20-110-3D	11	33	24	20	□CD-11.0-11.9		
	JCD C20-120-3D	12	36	24	20	□CD-12.0-12.9		
	JCD C20-130-3D	13	39	24	20	□CD-13.0-13.9	CM2.5*12	T8
	JCD C20-140-3D	14	42	24	20	□CD-14.0-14.9		
	JCD C20-150-3D	15	45	24	20	□CD-15.0-15.9		
	JCD C20-160-3D	16	48	24	20	□CD-16.0-16.9	CM2.5*14.2	T8
	JCD C20-170-3D	17	51	24	20	□CD-17.0-17.9		
	JCD C20-180-3D	18	54	24	20	□CD-18.0-18.9	CM3*16.5	T10
	JCD C25-190-3D	19	57	29	25	□CD-19.0-19.9		
	JCD C25-200-3D	20	60	29	25	□CD-20.0-20.9		
	JCD C25-210-3D	21	63	29	25	□CD-21.0-21.9	CM3*19.7	T10
	JCD C25-220-3D	22	66	29	25	□CD-22.0-22.9		
	JCD C25-230-3D	23	69	29	25	□CD-23.0-23.9		
	JCD C32-240-3D	24	72	39	32	□CD-24.0-24.9	CM3.5*22.5	T15
	JCD C32-250-3D	25	75	39	32	□CD-25.0-25.9		

5D

Models	D	L1	D1	Ds	Size Range	Screw	Wrench
JCD C20-100-5D	10	50	24	20	□CD-10.0-10.9	CM2.2*9	T6
JCD C20-110-5D	11	55	24	20	□CD-11.0-11.9		
JCD C20-120-5D	12	60	24	20	□CD-12.0-12.9		
JCD C20-130-5D	13	65	24	20	□CD-13.0-13.9	CM2.5*12	T8
JCD C20-140-5D	14	70	24	20	□CD-14.0-14.9		
JCD C20-150-5D	15	75	24	20	□CD-15.0-15.9		
JCD C20-160-5D	16	80	24	20	□CD-16.0-16.9	CM2.5*14.2	T8
JCD C20-170-5D	17	85	24	20	□CD-17.0-17.9		
JCD C20-180-5D	18	90	24	20	□CD-18.0-18.9	CM3*16.5	T10
JCD C25-190-5D	19	95	29	25	□CD-19.0-19.9		
JCD C25-200-5D	20	100	29	25	□CD-20.0-20.9		
JCD C25-210-5D	21	105	29	25	□CD-21.0-21.9	CM3*19.7	T10
JCD C25-220-5D	22	110	29	25	□CD-22.0-22.9		
JCD C25-230-5D	23	115	29	25	□CD-23.0-23.9		
JCD C32-240-5D	24	120	39	32	□CD-24.0-24.9	CM3.5*22.5	T15
JCD C32-250-5D	25	125	39	32	□CD-25.0-25.9		

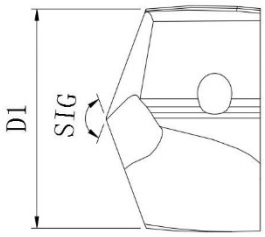
8D	Models	D	L1	D1	Ds	Size Range	Screw	Wrench
	JCD C20-100-8D	10	80	24	20	□CD-10.0-10.9	CM2.2*9	T6
	JCD C20-110-8D	11	88	24	20	□CD-11.0-11.9		
	JCD C20-120-8D	12	96	24	20	□CD-12.0-12.9		
	JCD C20-130-8D	13	104	24	20	□CD-13.0-13.9	CM2.5*12	T8
	JCD C20-140-8D	14	112	24	20	□CD-14.0-14.9		
	JCD C20-150-8D	15	120	24	20	□CD-15.0-15.9		
	JCD C20-160-8D	16	128	24	20	□CD-16.0-16.9	CM2.5*14.2	T8
	JCD C20-170-8D	17	136	24	20	□CD-17.0-17.9		
	JCD C20-180-8D	18	144	24	20	□CD-18.0-18.9	CM3*16.5	T10
	JCD C25-190-8D	19	152	29	25	□CD-19.0-19.9		
	JCD C25-200-8D	20	160	29	25	□CD-20.0-20.9		
	JCD C25-210-8D	21	168	29	25	□CD-21.0-21.9	CM3*19.7	T10
	JCD C25-220-8D	22	176	29	25	□CD-22.0-22.9		
	JCD C25-230-8D	23	184	29	25	□CD-23.0-23.9		
	JCD C32-240-8D	24	192	39	32	□CD-24.0-24.9	CM3.5*22.5	T15
	JCD C32-250-8D	25	200	39	32	□CD-25.0-25.9		

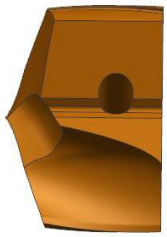
10D	Models	D	L1	D1	Ds	Size Range	Screw	Wrench
	JCD C20-100-10D	10	100	24	20	□CD-10.0-10.9	CM2.2*9	T6
	JCD C20-110-10D	11	110	24	20	□CD-11.0-11.9		
	JCD C20-120-10D	12	120	24	20	□CD-12.0-12.9		
	JCD C20-130-10D	13	130	24	20	□CD-13.0-13.9	CM2.5*12	T8
	JCD C20-140-10D	14	140	24	20	□CD-14.0-14.9		
	JCD C20-150-10D	15	150	24	20	□CD-15.0-15.9		
	JCD C20-160-10D	16	160	24	20	□CD-16.0-16.9	CM2.5*14.2	T8
	JCD C20-170-10D	17	170	24	20	□CD-17.0-17.9		
	JCD C20-180-10D	18	180	24	20	□CD-18.0-18.9	CM3*16.5	T10
	JCD C25-190-10D	19	190	29	25	□CD-19.0-19.9		
	JCD C25-200-10D	20	200	29	25	□CD-20.0-20.9		
	JCD C25-210-10D	21	210	29	25	□CD-21.0-21.9	CM3*19.7	T10
	JCD C25-220-10D	22	220	29	25	□CD-22.0-22.9		
	JCD C25-230-10D	23	230	29	25	□CD-23.0-23.9		
	JCD C32-240-10D	24	240	39	32	□CD-24.0-24.9	CM3.5*22.5	T15
	JCD C32-250-10D	25	250	39	32	□CD-25.0-25.9		

JCD Cutting Parameters								
Model	**Soft steel**		**Medium carbon steel, alloy steel**		**Hard steel(Less than HRC35)**		**Stainless steel**	
	Vc	F	Vc	F	Vc	F	Vc	F
□CD 100-129	80-100	0.1-0.15	90-110	0.15-0.2	70-90	0.12-0.2	80-100	0.1-0.15
□CD 130-149	80-100	0.1-0.18	90-110	0.15-0.2	70-90	0.12-0.2	80-100	0.1-0.18
□CD 150-189	90-110	0.1-0.2	90-120	0.15-0.25	75-100	0.15-0.25	90-110	0.1-0.2
□CD 190-239	90-110	0.1-0.2	90-120	0.15-0.25	75-100	0.15-0.25	90-110	0.1-0.2
□CD 240-279	90-110	0.12-0.2	90-120	0.15-0.3	75-100	0.15-0.25	90-110	0.12-0.2
□CD 280-320	80-100	0.12-0.2	90-110	0.15-0.3	70-90	0.15-0.25	80-100	0.12-0.2
Note: 8D (up to 15 diameters) and 10D need to be pre-drilled, reducing the feed per revolution by about 10%.								

SIDE LOCKING SPTC SERIES

P	●
M	●
K	○
N	
S	
H	

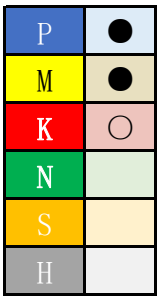


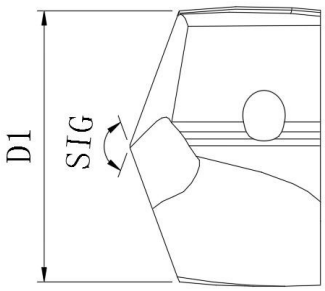


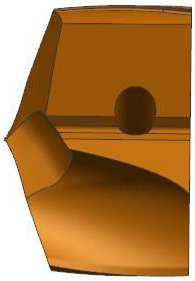
Insert Model	D1(MM)
SPTC1200-PM	12.00
SPTC1210-PM	12.10
SPTC1220-PM	12.20
SPTC1230-PM	12.30
SPTC1240-PM	12.40
SPTC1247-PM	12.47
SPTC1250-PM	12.50
SPTC1260-PM	12.60
SPTC1270-PM	12.70
SPTC1280-PM	12.80
SPTC1290-PM	12.90
SPTC1293-PM	12.93
SPTC1300-PM	13.00
SPTC1310-PM	13.10
SPTC1320-PM	13.20
SPTC1328-PM	13.28
SPTC1330-PM	13.30
SPTC1338-PM	13.38
SPTC1340-PM	13.40
SPTC1350-PM	13.50
SPTC1360-PM	13.60
SPTC1370-PM	13.70
SPTC1380-PM	13.80
SPTC1390-PM	13.90
SPTC1394-PM	13.94

Insert Model	D1(MM)
SPTC1548-PM	15.48
SPTC1550-PM	15.50
SPTC1560-PM	15.60
SPTC1570-PM	15.70
SPTC1580-PM	15.80
SPTC1588-PM	15.88
SPTC1590-PM	15.90
SPTC1600-PM	16.00
SPTC1603-PM	16.03
SPTC1608-PM	16.08
SPTC1610-PM	16.10
SPTC1620-PM	16.20
SPTC1627-PM	16.27
SPTC1630-PM	16.30
SPTC1640-PM	16.40
SPTC1650-PM	16.50
SPTC1660-PM	16.60
SPTC1667-PM	16.67
SPTC1670-PM	16.70
SPTC1680-PM	16.80
SPTC1690-PM	16.90
SPTC1700-PM	17.00
SPTC1707-PM	17.07
SPTC1710-PM	17.10
SPTC1720-PM	17.20

SPTC1400-PM	14.00	SPTC1730-PM	17.30
SPTC1410-PM	14.10	SPTC1735-PM	17.35
SPTC1420-PM	14.20	SPTC1740-PM	17.40
SPTC1430-PM	14.30	SPTC1746-PM	17.46
SPTC1440-PM	14.40	SPTC1750-PM	17.50
SPTC1450-PM	14.50	SPTC1760-PM	17.60
SPTC1460-PM	14.60	SPTC1770-PM	17.70
SPTC1467-PM	14.67	SPTC1780-PM	17.80
SPTC1470-PM	14.70	SPTC1786-PM	17.86
SPTC1480-PM	14.80	SPTC1790-PM	17.90
SPTC1490-PM	14.90	SPTC1800-PM	18.00
SPTC1500-PM	15.00	SPTC1810-PM	18.10
SPTC1508-PM	15.08	SPTC1820-PM	18.20
SPTC1510-PM	15.10	SPTC1826-PM	18.26
SPTC1520-PM	15.20	SPTC1830-PM	18.30
SPTC1530-PM	15.30	SPTC1840-PM	18.40
SPTC1538-PM	15.38	SPTC1850-PM	18.50
SPTC1540-PM	15.40	SPTC1860-PM	18.60



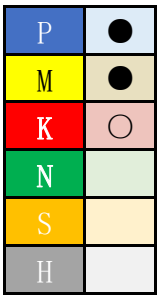


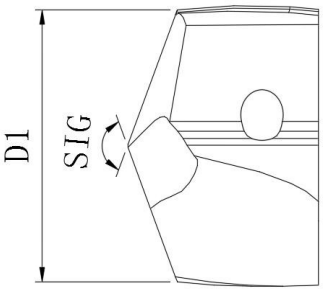


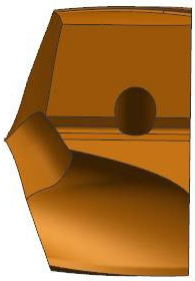
Insert Model	D1(MM)	Insert Model	D1(MM)
SPTC1865-PM	18.65	SPTC2160-PM	21.60
SPTC1870-PM	18.70	SPTC2170-PM	21.70
SPTC1880-PM	18.80	SPTC2180-PM	21.80
SPTC1890-PM	18.90	SPTC2183-PM	21.83
SPTC1900-PM	19.00	SPTC2190-PM	21.90
SPTC1905-PM	19.05	SPTC2200-PM	22.00
SPTC1910-PM	19.10	SPTC2210-PM	22.10
SPTC1920-PM	19.20	SPTC2215-PM	22.15
SPTC1923-PM	19.23	SPTC2220-PM	22.20
SPTC1925-PM	19.25	SPTC2223-PM	22.23
SPTC1928-PM	19.28	SPTC2230-PM	22.30
SPTC1930-PM	19.30	SPTC2240-PM	22.40
SPTC1933-PM	19.33	SPTC2244-PM	22.44

SPTC1935-PM	19.35
SPTC1937-PM	19.37
SPTC1940-PM	19.40
SPTC1945-PM	19.45
SPTC1950-PM	19.50
SPTC1960-PM	19.60
SPTC1970-PM	19.70
SPTC1980-PM	19.80
SPTC1985-PM	19.85
SPTC1990-PM	19.90
SPTC2000-PM	20.00
SPTC2010-PM	20.10
SPTC2020-PM	20.20
SPTC2024-PM	20.24
SPTC2030-PM	20.30
SPTC2040-PM	20.40
SPTC2050-PM	20.50
SPTC2060-PM	20.60
SPTC2064-PM	20.64
SPTC2070-PM	20.70
SPTC2080-PM	20.80
SPTC2090-PM	20.90
SPTC2100-PM	21.00
SPTC2110-PM	21.10
SPTC2120-PM	21.20
SPTC2130-PM	21.30
SPTC2133-PM	21.33
SPTC2140-PM	21.40
SPTC2143-PM	21.43
SPTC2150-PM	21.50

SPTC2250-PM	22.50
SPTC2260-PM	22.60
SPTC2262-PM	22.62
SPTC2270-PM	22.70
SPTC2280-PM	22.80
SPTC2290-PM	22.90
SPTC2300-PM	23.00
SPTC2305-PM	23.05
SPTC2310-PM	23.10
SPTC2320-PM	23.20
SPTC2325-PM	23.25
SPTC2330-PM	23.30
SPTC2340-PM	23.40
SPTC2342-PM	23.42
SPTC2350-PM	23.50
SPTC2360-PM	23.60
SPTC2370-PM	23.70
SPTC2380-PM	23.80
SPTC2390-PM	23.90
SPTC2400-PM	24.00
SPTC2410-PM	24.10
SPTC2420-PM	24.20
SPTC2430-PM	24.30
SPTC2440-PM	24.40
SPTC2450-PM	24.50
SPTC2460-PM	24.60
SPTC2470-PM	24.70
SPTC2480-PM	24.80
SPTC2490-PM	24.90
SPTC2500-PM	25.00







Insert Model	D1(MM)
SPTC2510-PM	25.10

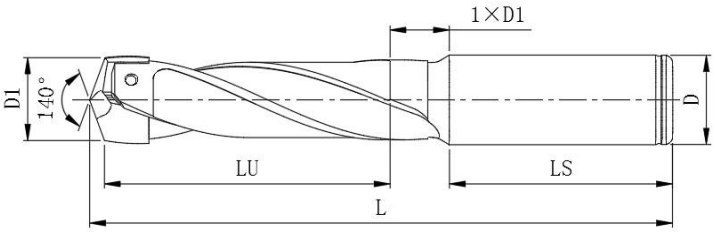
Insert Model	D1(MM)
SPTC3200-PM	32.00

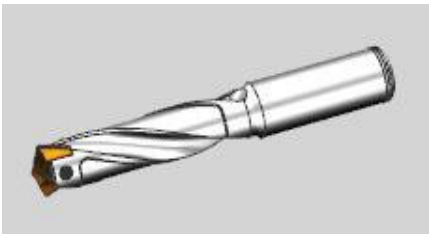
SPTC2520-PM	25.20
SPTC2525-PM	25.25
SPTC2527-PM	25.27
SPTC2530-PM	25.30
SPTC2533-PM	25.33
SPTC2535-PM	25.35
SPTC2537-PM	25.37
SPTC2540-PM	25.40
SPTC2550-PM	25.50
SPTC2554-PM	25.54
SPTC2560-PM	25.60
SPTC2565-PM	25.65
SPTC2568-PM	25.68
SPTC2570-PM	25.70
SPTC2580-PM	25.80
SPTC2590-PM	25.90
SPTC2600-PM	26.00
SPTC2620-PM	26.20
SPTC2650-PM	26.50
SPTC2653-PM	26.53
SPTC2660-PM	26.60
SPTC2700-PM	27.00
SPTC2750-PM	27.50
SPTC2778-PM	27.78
SPTC2800-PM	28.00
SPTC2818-PM	28.18
SPTC2850-PM	28.50
SPTC2858-PM	28.58
SPTC2900-PM	29.00
SPTC2937-PM	29.37
SPTC2950-PM	29.50
SPTC2955-PM	29.55
SPTC2973-PM	29.73
SPTC2977-PM	29.77
SPTC3000-PM	30.00
SPTC3016-PM	30.16
SPTC3050-PM	30.50
SPTC3056-PM	30.56
SPTC3096-PM	30.96
SPTC3100-PM	31.00

SPTC3220-PM	32.20
SPTC3234-PM	32.24
SPTC3240-PM	32.40
SPTC3250-PM	32.50
SPTC3254-PM	32.54
SPTC3294-PM	32.94
SPTC3300-PM	33.00
SPTC3334-PM	33.34
SPTC3350-PM	33.50
SPTC3373-PM	33.73
SPTC3400-PM	34.00
SPTC3413-PM	34.13
SPTC3450-PM	34.50
SPTC3493-PM	34.93
SPTC3500-PM	35.00
SPTC3550-PM	35.50
SPTC3572-PM	35.72
SPTC3600-PM	36.00
SPTC3612-PM	36.12
SPTC3650-PM	36.50
SPTC3700-PM	37.00
SPTC3731-PM	37.31
SPTC3750-PM	37.50
SPTC3800-PM	38.00
SPTC3810-PM	38.10
SPTC3846-PM	38.46
SPTC3850-PM	38.50
SPTC3900-PM	39.00
SPTC3950-PM	39.50
SPTC3975-PM	39.75
SPTC4000-PM	40.00
SPTC4100-PM	41.00
SPTC4200-PM	42.00
SPTC4300-PM	43.00
SPTC4400-PM	44.00
SPTC4500-PM	45.00
SPTC4600-PM	46.00
SPTC4700-PM	47.00
SPTC4800-PM	48.00
SPTC4900-PM	49.00

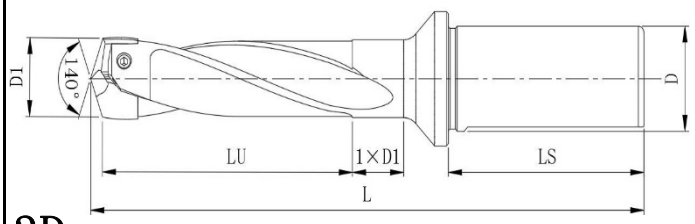
SPTC3125-PM	31.25		SPTC5000-PM	50.00
SPTC3150-PM	31.50		SPTC5100-PM	51.00
SPTC3175-PM	31.75		SPTC5200-PM	52.00

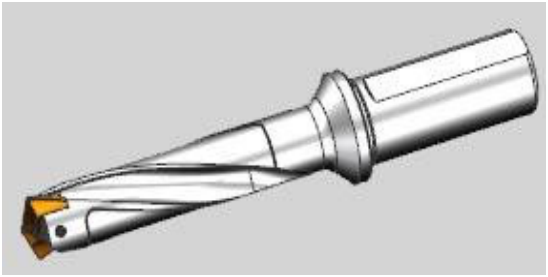
Holder





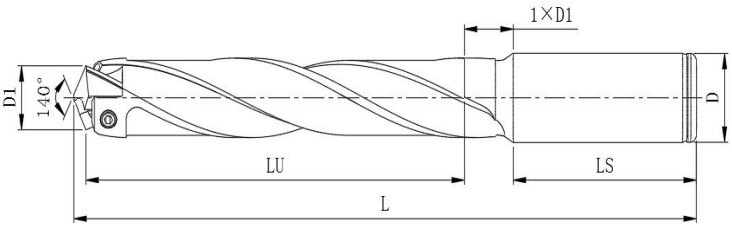
D1(MM)	Holder Model	Size(MM)			
		LU	L	LS	D
12.00-12.49	SPTC120R3A16	39	100	49	16
12.50-12.99	SPTC125R3A16	39	100	49	16
13.00-13.49	SPTC130R3A16	41	103	49	16
13.50-13.99	SPTC135R3A16	41	103	49	16
14.00-14.49	SPTC140R3A16	44	107	49	16
14.50-14.99	SPTC145R3A16	44	107	49	16
15.00-15.49	SPTC150R3A16	47	111	49	16
15.50-15.99	SPTC155R3A16	47	111	49	16
16.00-16.49	SPTC160R3A20	50	117	51	20
16.50-16.99	SPTC165R3A20	50	117	51	20
17.00-17.49	SPTC170R3A20	53	121	51	20
17.50-17.99	SPTC175R3A20	53	121	51	20
18.00-18.49	SPTC180R3A20	56	125	51	20
18.50-18.99	SPTC185R3A20	56	125	51	20
19.00-19.49	SPTC190R3A20	59	129	51	20
19.50-19.99	SPTC195R3A20	59	129	51	20





3D

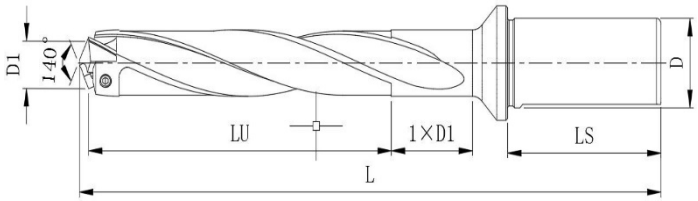
D1(MM)	Holder Model	Size(MM)			
		LU	L	LS	D
16.00-16.99	SPTC160R3B20	54	130	50	20
17.00-17.99	SPTC170R3B20	54	130	50	20
18.00-18.99	SPTC180R3B25	66	150	56	25
19.00-19.00	SPTC190R3B25	66	154	56	25
20.00-20.99	SPTC200R3B25	68	156	56	25
21.00-21.99	SPTC210R3B25	68	157	56	25
22.00-22.99	SPTC220R3B25	70	160	56	25
23.00-23.99	SPTC230R3B25	72	163	56	25
24.00-24.99	SPTC240R3B32	80	180	60	32
25.00-25.99	SPTC250R3B32	84	187	60	32
26.00-26.99	SPTC260R3B32	86	187	60	32
27.00-27.99	SPTC270R3B32	88	192	60	32
28.00-28.99	SPTC280R3B32	92	195	60	32
29.00-29.99	SPTC290R3B32	93	198	60	32
30.00-31.99	SPTC300R3B40	95	214	70	40
32.00-33.99	SPTC320R3B40	96	217	70	40
34.00-35.99	SPTC340R3B40	101	220	70	40
36.00-37.99	SPTC360R3B40	117	237	70	40
38.00-39.99	SPTC380R3B40	120	243	70	40
40.00-41.99	SPTC400R3B40	123	247	70	40
42.00-43.99	SPTC420R3B40	125	269	70	40
44.00-45.99	SPTC440R3B40	146	275	70	40
46.00-47.99	SPTC460R3B40	146	281	70	40
48.00-49.99	SPTC480R3B40	146	287	70	40
50.00-52.00	SPTC500R3B40	146	293	70	40

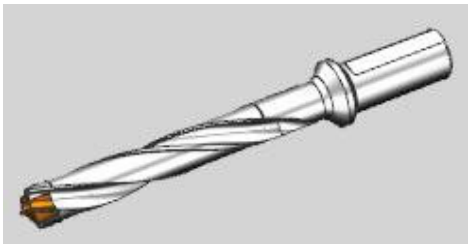




5D

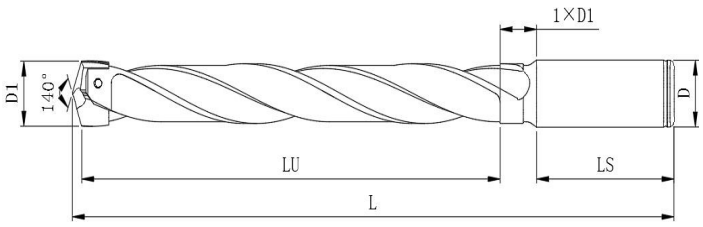
D1(MM)	Holder Model	Size(MM)			
		LU	L	LS	D
12.00-12.49	SPTC120R5A16	62	123	49	16
12.50-12.99	SPTC125R5A16	62	123	49	16
13.00-13.49	SPTC130R5A16	67	129	49	16
13.50-13.99	SPTC135R5A16	67	129	49	16
14.00-14.49	SPTC140R5A16	72	135	49	16
14.50-14.99	SPTC145R5A16	72	135	49	16
15.00-15.49	SPTC150R5A16	77	141	49	16
15.50-15.99	SPTC155R5A16	77	141	49	16
16.00-16.49	SPTC160R5A20	82	149	51	20
16.50-16.99	SPTC165R5A20	82	149	51	20
17.00-17.49	SPTC170R5A20	87	155	51	20
17.50-17.99	SPTC175R5A20	87	155	51	20
18.00-18.49	SPTC180R5A20	91	160	51	20
18.50-18.99	SPTC185R5A20	91	160	51	20
19.00-19.49	SPTC190R5A20	97	167	51	20
19.50-19.99	SPTC195R5A20	97	167	51	20

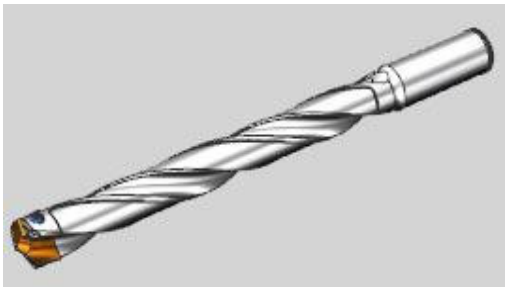




5D

D1(MM)	Holder Model	Size(MM)			
		LU	L	LS	D
16.00-16.99	SPTC160R5B20	85	162	50	20
17.00-17.99	SPTC170R5B20	85	162	50	20
18.00-18.99	SPTC180R5B25	102	185	56	25
19.00-19.00	SPTC190R5B25	102	190	56	25
20.00-20.99	SPTC200R5B25	104	194	56	25
21.00-21.99	SPTC210R5B25	106	199	56	25
22.00-22.99	SPTC220R5B25	110	204	56	25
23.00-23.99	SPTC230R5B25	113	209	56	25
24.00-24.99	SPTC240R5B32	123	230	60	32
25.00-25.99	SPTC250R5B32	125	237	60	32
26.00-26.99	SPTC260R5B32	142	239	60	32
27.00-27.99	SPTC270R5B32	145	246	60	32
28.00-28.99	SPTC280R5B32	150	251	60	32
29.00-29.99	SPTC290R5B32	152	256	60	32
30.00-31.99	SPTC300R5B40	154	271	70	40
32.00-33.99	SPTC320R5B40	157	281	70	40
34.00-35.99	SPTC340R5B40	158	291	70	40
36.00-37.99	SPTC360R5B40	192	309	70	40
38.00-39.99	SPTC380R5B40	194	319	70	40
40.00-41.99	SPTC400R5B40	201	329	70	40
42.00-43.99	SPTC420R5B40	205	353	70	40
44.00-45.99	SPTC440R5B40	234	363	70	40
46.00-47.99	SPTC460R5B40	234	373	70	40
48.00-49.99	SPTC480R5B40	234	383	70	40
50.00-52.00	SPTC500R5B40	234	393	70	40





8D

D1(MM)	Holder Model	Size(MM)			
		LU	L	LS	D
12.00-12.49	SPTC120R8A16	98	159	49	16
12.50-12.99	SPTC125R8A16	98	159	49	16
13.00-13.49	SPTC130R8A16	106	168	49	16
13.50-13.99	SPTC135R8A16	106	168	49	16
14.00-14.49	SPTC140R8A16	114	177	49	16
14.50-14.99	SPTC145R8A16	114	177	49	16
15.00-15.49	SPTC150R8A16	122	186	49	16
15.50-15.99	SPTC155R8A16	122	186	49	16
16.00-16.49	SPTC160R8A20	130	197	51	20
16.50-16.99	SPTC165R8A20	130	197	51	20
17.00-17.49	SPTC170R8A20	138	206	51	20
17.50-17.99	SPTC175R8A20	138	206	51	20
18.00-18.49	SPTC180R8A20	145	214	51	20
18.50-18.99	SPTC185R8A20	145	214	51	20
19.00-19.49	SPTC190R8A20	154	224	51	20
19.50-19.99	SPTC195R8A20	154	224	51	20

8D

D1(MM)	Holder Model	Size(MM)			
		LU	L	LS	D
16.00-16.99	SPTC160R8B20	132	210	50	20
17.00-17.99	SPTC170R8B20	137	215	50	20
18.00-18.99	SPTC180R8B25	156	245	56	25
19.00-19.00	SPTC190R8B25	161	250	56	25
20.00-20.99	SPTC200R8B25	164	254	56	25
21.00-21.99	SPTC210R8B25	168	262	56	25
22.00-22.99	SPTC220R8B25	172	270	56	25
23.00-23.99	SPTC230R8B25	175	278	56	25
24.00-24.99	SPTC240R8B32	192	302	60	32
25.00-25.99	SPTC250R8B32	196	312	60	32
26.00-26.99	SPTC260R8B32	223	317	60	32
27.00-27.99	SPTC270R8B32	227	327	60	32
28.00-28.99	SPTC280R8B32	240	335	60	32
29.00-29.99	SPTC290R8B32	244	343	60	32
30.00-31.99	SPTC300R8B40	255	361	70	40
32.00-33.99	SPTC320R8B40	259	377	70	40
34.00-35.99	SPTC340R8B40	262	393	70	40
36.00-37.99	SPTC360R8B40	308	417	70	40
38.00-39.99	SPTC380R8B40	312	434	70	40
40.00-41.99	SPTC400R8B40	322	449	70	40
42.00-43.99	SPTC420R8B40	326	479	70	40
44.00-45.99	SPTC440R8B40	331	495	70	40
46.00-47.99	SPTC460R8B40	362	511	70	40
48.00-49.99	SPTC480R8B40	368	527	70	40
50.00-52.00	SPTC500R8B40	380	543	70	40

Accessories

Screw	Wrench
	

Nos.	Size	3D	5D	8D	Screw	Wrench
1	12.0	SPTC120R3A16	SPTC120R5A16	SPTC120R8A16	120M2.5	T7
2	12.5	SPTC125R3A16	SPTC125R5A16	SPTC125R8A16	120M2.5	T7
3	13.0	SPTC130R3A16	SPTC130R5A16	SPTC130R8A16	130M2.5	T7
4	13.5	SPTC135R3A16	SPTC135R5A16	SPTC135R8A16	130M2.5	T7
5	14.0	SPTC140R3A16	SPTC140R5A16	SPTC140R8A16	140M2.5	T8
6	14.5	SPTC145R3A16	SPTC145R5A16	SPTC145R8A16	140M2.5	T8
7	15.0	SPTC150R3A16	SPTC150R5A16	SPTC150R8A16	150M2.5	T8
8	15.5	SPTC155R3A16	SPTC155R5A16	SPTC155R8A16	150M2.5	T8
9	16.0	SPTA160R3A20	SPTA160R5A20	SPTA160R8A20	160M3.0	LS2.0
10	16.5	SPTA165R3A20	SPTA165R5A20	SPTA165R8A20	160M3.0	LS2.0
11	17.0	SPTC170R3A20	SPTC170R5A20	SPTC170R8A20	170M3.0	LS2.0
12	17.5	SPTC175R3A20	SPTC175R5A20	SPTC175R8A20	170M3.0	LS2.0
13	18.0	SPTC180R3A20	SPTC180R5A20	SPTC180R8A20	180M3.0	LS2.0
14	18.5	SPTC185R3A20	SPTC185R5A20	SPTC185R8A20	180M3.0	LS2.0
15	19.0	SPTC190R3A20	SPTC190R5A20	SPTC190R8A20	190M3.0	LS2.0
16	19.5	SPTC195R3A20	SPTC195R5A20	SPTC195R8A20	190M3.0	LS2.0
17	20.0	SPTC200R3B25	SPTC200R5B25	SPTC200R8B25	210M4.0	LS2.5
18	21.0	SPTC210R3B25	SPTC210R5B25	SPTC210R8B25	210M4.0	LS2.5
19	22.0	SPTC220R3B25	SPTC220R5B25	SPTC220R8B25	230M4.0	LS2.5
20	23.0	SPTC230R3B25	SPTC230R5B25	SPTC230R8B25	230M4.0	LS2.5
21	24.0	SPTC240R3B25	SPTC240R5B25	SPTC240R8B25	250M4.0	LS2.5
22	25.0	SPTC250R3B32	SPTC250R5B32	SPTC250R8B32	250M4.0	LS2.5
23	26.0	SPTC260R3B32	SPTC260R5B32	SPTC260R8B32	270M5.0	LS3.0
24	27.0	SPTC270R3B32	SPTC270R5B32	SPTC270R8B32	270M5.0	LS3.0
25	28.0	SPTC280R3B32	SPTC280R5B32	SPTC280R8B32	290M5.0	LS3.0
26	29.0	SPTC290R3B32	SPTC290R5B32	SPTC290R8B32	290M5.0	LS3.0
27	30.0	SPTC300R3B40	SPTC300R5B40	SPTC300R8B40	300M5.0	LS3.0
28	32.0	SPTC320R3B40	SPTC320R5B40	SPTC320R8B40	320M5.0	LS3.0
29	34.0	SPTC340R3B40	SPTC340R5B40	SPTC340R8B40	340M6.0	LS4.0
30	36.0	SPTC360R3B40	SPTC360R5B40	SPTC360R8B40	360M6.0	LS4.0
31	38.0	SPTC380R3B40	SPTC380R5B40	SPTC380R8B40	380M6.0	LS4.0
32	40.0	SPTC400R3B40	SPTC400R5B40	SPTC400R8B40	400M6.0	LS4.0
33	42.0	SPTC420R3B40	SPTC420R5B40	SPTC420R8B40	420M6.0	LS4.0
34	44.0	SPTC440R3B40	SPTC440R5B40	SPTC440R8B40	440M6.0	LS4.0

35	46.0	SPTC460R3B40	SPTC460R5B40	SPTC460R8B40	460M6.0	LS4.0
36	48.0	SPTC480R3B40	SPTC480R5B40	SPTC480R8B40	480M6.0	LS4.0
37	50.0	SPTC500R3B40	SPTC500R5B40	SPTC500R8B40	500M6.0	LS4.0

Cutting Parameter-SPTC

SMG	Vc=m/min			f=mm/rev			
	min	Starting Value	max	12.0	16.0	20.0	25.0
P1	100	110	150	0.10-0.30	0.15-0.35	0.15-0.40	0.15-0.40
P2	80	95	120	0.10-0.30	0.15-0.35	0.15-0.40	0.15-0.40
P3	65	70	100	0.10-0.30	0.15-0.35	0.15-0.40	0.15-0.40
M1	30	60	90	0.08-0.15	0.10-0.15	0.10-0.20	0.10-0.20
M2	30	50	90	0.08-0.15	0.10-0.15	0.10-0.20	0.10-0.20
M3	20	40	60	0.08-0.15	0.10-0.15	0.10-0.20	0.10-0.20
K1	100	175	200	0.15-0.30	0.15-0.35	0.20-0.40	0.20-0.40
K2	100	160	180	0.15-0.30	0.15-0.35	0.20-0.40	0.20-0.40
K3	70	85	100	0.15-0.30	0.15-0.35	0.20-0.40	0.20-0.40

Cutting Parameter-SPTC

SMG	Vc=m/min			f=mm/rev		
	min	Starting Value	max	32.0	40.0	50.0
P1	100	110	150	0.15-0.40	0.15-0.40	0.15-0.40
P2	80	95	120	0.15-0.40	0.15-0.40	0.15-0.40
P3	65	70	100	0.15-0.40	0.15-0.40	0.15-0.40
M1	30	60	90	0.10-0.20	0.10-0.20	0.10-0.20
M2	30	50	90	0.10-0.20	0.10-0.20	0.10-0.20
M3	20	40	60	0.10-0.20	0.10-0.20	0.10-0.20
K1	100	175	200	0.20-0.40	0.20-0.40	0.20-0.40
K2	100	160	180	0.20-0.40	0.20-0.40	0.20-0.40
K3	70	85	100	0.20-0.40	0.20-0.40	0.20-0.40

PS: Type B with limit flanges; Type A without.