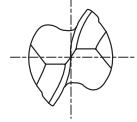


HSSCo8, 2 FLUTE, BALL NOSE, SHORT LENGTH

GB535 SERIES

FLAT SHANK

- ▶ Excellent at dry cutting
- ▶ Improved wear resistance and edge stability
- ▶ Fine surface finishing



Unit : mm

EDP No.	R	MILL DIAMETER	SHANK DIAMETER	LENGTH OF CUT	OVERALL LENGTH
GB535020	R1.0	2.0	6	4	48
GB535025	R1.25	2.5	6	5	49
GB535030	R1.5	3.0	6	5	49
GB535035	R1.75	3.5	6	6	50
GB535040	R2.0	4.0	6	7	51
GB535045	R2.25	4.5	6	7	51
GB535050	R2.5	5.0	6	8	52
GB535055	R2.75	5.5	6	8	52
GB535060	R3.0	6.0	6	8	52
GB535070	R3.5	7.0	10	10	60
GB535080	R4.0	8.0	10	11	61
GB535090	R4.5	9.0	10	11	61
GB535100	R5.0	10.0	10	13	63
GB535120	R6.0	12.0	12	16	73
GB535140	R7.0	14.0	12	16	73
GB535160	R8.0	16.0	16	19	79
GB535180	R9.0	18.0	16	19	79
GB535200	R10.0	20.0	20	22	88

MULTI PURPOSE

Tolerances according to DIN 7160 & 7161

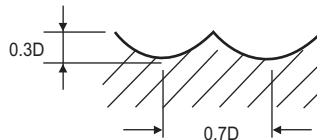
		Tolerance range in μm					
		Nominal-Diameter in mm					
		from 1 to 3	over 3 to 6	over 6 to 10	over 10 to 18	over 18 to 30	over 30 to 50
e8		-14 -28	-20 -38	-25 -47	-32 -59	-40 -73	-50 -89
h6		0 -6	0 -8	0 -9	0 -11	0 -13	0 -16

$\mu\text{m} = 1/1000\text{mm}$

HSSCo8, 2 FLUTE, BALL NOSE

GB535 SERIES

MATERIAL	CARBON STEELS, ALLOY STEELS, TOOL STEELS								ALUMINUM, ALUMINUM ALLOYS	
	~500N/mm ²		500 ~ 800N/mm ²		800 ~ 1000N/mm ²		1000 ~ 1300N/mm ²		RPM	FEED
HARDNESS	~HRc20		HRc20 ~ HRc30		HRc30 ~ HRc40					
STRENGTH	~500N/mm ²		500 ~ 800N/mm ²		800 ~ 1000N/mm ²		1000 ~ 1300N/mm ²			
DIAMETER	RPM	FEED	RPM	FEED	RPM	FEED	RPM	FEED	RPM	FEED
3	6300	150	4750	110	2800	50	1950	30	15400	370
4	4500	185	3350	130	1950	55	1400	40	11200	415
6	3100	215	2400	145	1400	70	1000	40	7850	450
8	2250	255	1700	170	1000	80	700	45	5600	560
10	1800	290	1400	190	800	95	550	55	4500	575
12	1400	270	1100	170	650	90	450	55	3500	545
16	1100	240	850	160	500	90	350	55	2800	480
20	850	225	700	135	400	80	300	55	2250	550



RPM = rev./min. Feed = mm/min.