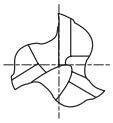
HSSCo8, 3 FLUTE, SHORT LENGTH

GB573 SERIES

FLAT SHANK

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



HSS Co8 | DIN 844 | ≈ 30° | 3 | FLAT

P.86

Unit : mm

EDP No.	MILL DIAMETER	SHANK DIAMETER	LENGTH OF CUT	OVERALL LENGTH
GB573040	4.0	6	11	55
GB573050	5.0	6	13	57
GB573060	6.0	6	13	57
GB573080	8.0	10	19	69
GB573100	10.0	10	22	72
GB573120	12.0	12	26	83
GB573160	16.0	16	32	92
GB573200	20.0	20	38	104

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

μm=1/1000mm

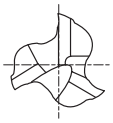
MULTI PURPOSE

HSSCo8, 3 FLUTE, LONG LENGTH

GB516 SERIES

FLAT SHANK

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



HSS Co8 | DIN 844 | 30° | 3 | FLAT

P.86

Unit : mm

EDP No.	MILL DIAMETER	SHANK DIAMETER	LENGTH OF CUT	OVERALL LENGTH
GB516040	4.0	6	19	63
GB516050	5.0	6	24	68
GB516060	6.0	6	24	68
GB516080	8.0	10	38	88
GB516100	10.0	10	45	95
GB516120	12.0	12	53	110
GB516160	16.0	16	63	123
GB516200	20.0	20	75	141

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

μm=1/1000mm

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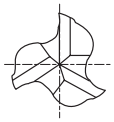
HSSCo8, 3 FLUTE, SHORT LENGTH, THROW AWAY

GB553 SERIES

FLAT SHANK

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



HSS Co8 | YG STD | 30° | 3 | FLAT

P.86

Unit : mm

EDP No.	MILL DIAMETER	SHANK DIAMETER	LENGTH OF CUT	OVERALL LENGTH
GB553010	1.0	6	2	34
GB553015	1.5	6	3	34
GB553020	2.0	6	4	35
GB553025	2.5	6	5	36
GB553030	3.0	6	5	36
GB553040	4.0	6	7	38
GB553050	5.0	6	8	39
GB553060	6.0	6	8	39
GB553080	8.0	8	11	43
GB553100	10.0	10	13	50

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

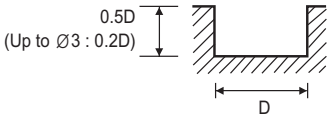
μm=1/1000mm

MULTI PURPOSE

HSSCo8, 3 FLUTE, FINISH SLOTTING

GB573, GB516, GB553 SERIES

MATERIAL	CARBON STEELS, ALLOY STEELS, TOOL STEELS								ALUMINUM, ALUMINUM ALLOYS	
HARDNESS			~HRc20		HRc20 ~ HRc30		HRc30 ~ HRc40			
STRENGTH	~ 500N/mm²		500 ~ 800N/mm²		800 ~ 1000N/mm²		1000 ~ 1300N/mm²			
DIAMETER	RPM	FEED	RPM	FEED	RPM	FEED	RPM	FEED	RPM	FEED
2	7850	95	6300	70	5600	70	3100	30	16800	380
3	4900	125	4500	105	3500	95	2250	50	15400	610
4	3900	165	3100	125	2500	105	1550	70	11200	700
5	3100	215	2500	165	2250	145	1250	80	8800	750
6	2500	215	2250	190	1700	145	1100	95	7850	750
8	1950	240	1550	215	1250	165	800	105	5600	920
10	1550	240	1250	215	1100	190	650	105	4350	960
12	1250	265	1100	240	900	190	550	120	3500	910
16	1000	265	800	215	650	165	400	105	2800	850
20	800	240	650	215	550	165	300	105	2250	770



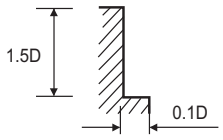
※ *The FEED, in long & extra long types, should be reduced by around 50%*

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

HSSCo8, 3 FLUTE, FINISH SIDE CUTTING

GB573, GB516, GB553 SERIES

MATERIAL	CARBON STEELS, ALLOY STEELS, TOOL STEELS								ALUMINUM, ALUMINUM ALLOYS	
HARDNESS			~HRc20		HRc20 ~ HRc30		HRc30 ~ HRc40			
STRENGTH	~ 500N/mm²		500 ~ 800N/mm²		800 ~ 1000N/mm²		1000 ~ 1300N/mm²			
DIAMETER	RPM	FEED	RPM	FEED	RPM	FEED	RPM	FEED	RPM	FEED
2	7850	95	6300	65	5600	55	3100	25	16800	290
3	4900	125	4500	95	3500	70	2250	30	15400	450
4	3900	165	3100	120	2500	80	1550	45	11200	530
5	3100	215	2500	150	2250	105	1250	55	8800	560
6	2500	215	2250	175	1700	105	1100	70	7850	560
8	1950	240	1550	190	1250	125	800	80	5600	700
10	1550	240	1250	190	1100	145	650	80	4350	720
12	1250	265	1100	215	900	145	550	90	3500	690
16	1000	265	800	190	650	125	400	80	2800	640
20	800	240	650	190	550	125	300	80	2250	580



※ *The FEED, in long & extra long types, should be reduced by around 50%*

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

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