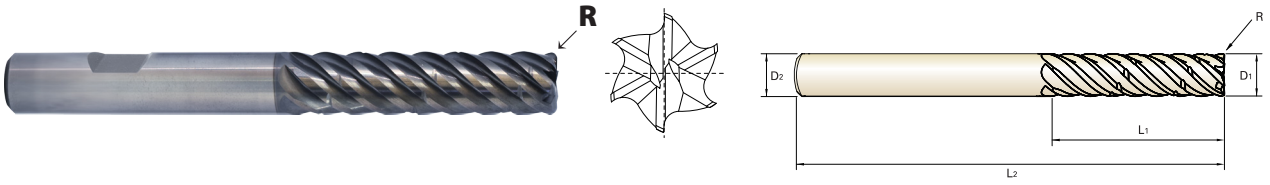
V7 PLUS END MILLS

PLAIN SHANK **GMH58** SERIES
FLAT SHANK **GMH59** SERIES

6 FLUTE CORNER RADIUS EXTRA LONG LENGTH CHIP SPLITTER

VOLLHARTMETALL,6 SCHNEIDEN ECKRADIUS EXTRA LANG SPANTEILER
CARBURE, 6 dents, extra-longue, fendeur des copeaux
MD, 6 TAGLIENTI, TORICA, SERIE EXTRA LUNGA CON ROMPI TRUCIOLO

- ▶Special chip splitter design for better chip removal shortened chip length at high axial machining
- ▶High Performance for Steels, Stainless Steels and Cast Iron
- ▶ Spezielles Spanteilerdesign für verbesserte Spanabfuhr durch kurze Späne bei hohem axialen Eingriff
- ▶ Hohe Leistung bei der Bearbeiting von Stählen, rostfreien Stählen und Gusseisen.



CARBIDE | 6 | 45° | PLAIN | FLAT | Y Coating

p.C503

Recommended ToolHolder	Flat Shank	Plain Shank
	END MILL HOLDER	POWER MILLING CHUCK
	-	SHRINK FIT HOLDER
	-	HYDRAULIC CHUCK ER COLLET CHUCK SK SLIM CHUCK

Unit : mm

EDP No.		Corner Radius	Mill Diameter	Shank Diameter	Length of Cut	Overall Length
PLAIN	FLAT	R	D1	D2	L1	L2
GMH58060	GMH59060	R0.5	6.0	6	24	75
GMH58901	GMH59901	R1.0	6.0	6	24	75
GMH58080	GMH59080	R0.5	8.0	8	32	75
GMH58902	GMH59902	R1.0	8.0	8	32	75
GMH58903	GMH59903	R2.0	8.0	8	32	75
GMH58100	GMH59100	R0.5	10.0	10	40	100
GMH58904	GMH59904	R1.0	10.0	10	40	100
GMH58905	GMH59905	R1.5	10.0	10	40	100
GMH58906	GMH59906	R2.0	10.0	10	40	100
GMH58120	GMH59120	R0.5	12.0	12	48	120
GMH58907	GMH59907	R1.0	12.0	12	48	120
GMH58908	GMH59908	R1.5	12.0	12	48	120
GMH58909	GMH59909	R2.0	12.0	12	48	120
GMH58910	GMH59910	R3.0	12.0	12	48	120
GMH58160	GMH59160	R1.0	16.0	16	64	140
GMH58911	GMH59911	R1.5	16.0	16	64	140
GMH58912	GMH59912	R2.0	16.0	16	64	140
GMH58913	GMH59913	R3.0	16.0	16	64	140
GMH58200	GMH59200	R1.0	20.0	20	80	150
GMH58914	GMH59914	R1.5	20.0	20	80	150
GMH58915	GMH59915	R2.0	20.0	20	80	150
GMH58916	GMH59916	R3.0	20.0	20	80	150

▶ NEXT PAGE

Mill Dia. Tolerance (mm)	Shank Dia. Tolerance
0 ~ - 0.03	h5 * Shank Dia.≥Ø12 : h6

◎ : Excellent ○ : Good

ISO	P											M			K					
Material Description	Non-alloy steel					Low alloy steel				High alloyed steel, and tool steel		Stainless steel			Grey cast iron		Nodular cast iron		Malleable cast iron	
VDI 3323	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
HRc		13	25	28	32	10	29	32	38	15	35	15	23	10	10	26	3	25		21
HB	125	190	250	270	300	180	275	300	350	200	325	200	240	180	180	260	160	250	130	230
Recommend	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎

ISO	N										S							H			
Material Description	Aluminum-wrought alloy		Aluminum-cast, alloyed			Copper and Copper Alloys (Bronze / Brass)			Non Metallic Materials		Heat Resistant Super Alloys					Titanium Alloys		Hardened steel		Chilled Cast Iron	Hardened Cast Iron
VDI 3323	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41
HRc											15	30	25	38	34			55	60	42	55
HB	60	100	75	90	130	110	90	100			200	280	250	350	320	400 Rm	1050 Rm	550	630	400	550
Recommend											○	○	○	○	○	○	○				

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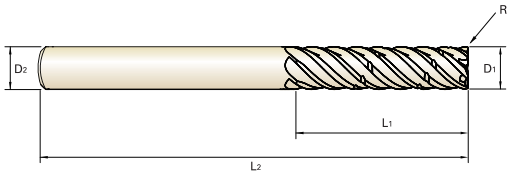

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Unit : mm

EDP No.		Corner Radius	Mill Diameter	Shank Diameter	Length of Cut	Overall Length
PLAIN	FLAT	R	D_1	D_2	L_1	L_2
GMH58917	**GMH59917**	R4.0	**20.0**	20	80	150
GMH58918	**GMH59918**	R5.0	**20.0**	20	80	150
GMH58250	**GMH59250**	R1.0	**25.0**	25	100	170
GMH58919	**GMH59919**	R1.5	**25.0**	25	100	170
GMH58920	**GMH59920**	R2.0	**25.0**	25	100	170
GMH58921	**GMH59921**	R3.0	**25.0**	25	100	170
GMH58922	**GMH59922**	R4.0	**25.0**	25	100	170
GMH58923	**GMH59923**	R5.0	**25.0**	25	100	170

Mill Dia. Tolerance (mm)	Shank Dia. Tolerance
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HB	125	190	250	270	300	180	275	300	350	200	325	200	240	180	180	260	160	250	130	230
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Recommend											○	○	○	○	○	○	○				

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