



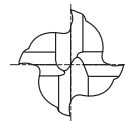
PLAIN SHANK
GLATTER ZYLINDERSCHAFT

FLAT SHANK
SEITLICHE MITNAHMEFLÄCHEN

CARBIDE, 4 FLUTE SHORT LENGTH VOLLHARTMETALL, 4 SCHNEDEN KURZ

- ▶ Special flute geometry eliminates vibrations
- ▶ Designed to mild steels, stainless steel, cast iron, tool steels, titanium alloys, prehardened steels and low hardness material under HRc 40
- ▶ Excellent work piece finishes
- ▶ Higher speeds, deeper cuts and metal removal rates

- ▶ Spezielle Schneidengeometrie verhindert Vibrationen
- ▶ Geeignet für Baustähle, Rostfreie Stähle, Grauguss, Werkzeugstähle, Titanlegierungen, hochfeste Stähle und Werkstoffe unter 40 HRc
- ▶ Bessere Werkstückoberflächen.
- ▶ Höhere Schnittgeschwindigkeiten, größere Profiltiefe und größeres Zerspanungsvolumen



Unit : mm

EDP No.		Mill Diameter	Shank Diameter h6	Length of Cut	Overall Length
PLAIN	FLAT				
EMB41030	EMB42030	3.0	6	7	54
EMB41040	EMB42040	4.0	6	8	54
EMB41050	EMB42050	5.0	6	10	54
EMB41060	EMB42060	6.0	6	10	54
EMB41080	EMB42080	8.0	8	12	58
EMB41100	EMB42100	10.0	10	14	66
EMB41120	EMB42120	12.0	12	16	73
EMB41140	EMB42140	14.0	14	18	75
EMB41160	EMB42160	16.0	16	22	82
EMB41180	EMB42180	18.0	18	24	84
EMB41200	EMB42200	20.0	20	26	92

Mill Dia. Tolerance(mm)	Shank Dia. Tolerance
0~-0.03	h6

Carbon Steels	Alloy Steels	Prehardened Steels	Hardened Steels		High Hardened Steels	Copper	Graphite	Cast Iron	Aluminum	Stainless Steels	Titanium	Inconel
~HB225	HB225~325	HRc30~40	HRc40~45	HRc45~55	HRc55~70							
○	◎	○								◎	◎	○

◎ : Excellent ○ : Good

CARBIDE, 4 FLUTE REGULAR LENGTH CORNER RADIUS VOLLHARTMETALL, 4 SCHNEIDEN STANDARD ECKENRADIUS

- ▶ Special flute geometry eliminates vibrations
 - ▶ Designed to mild steels, stainless steel, cast iron, tool steels, titanium alloys, prehardened steels and low hardness material under HRc 40
 - ▶ Excellent work piece finishes
 - ▶ Higher speeds, deeper cuts and metal removal rates
- ▶ Spezielle Schneidengeometrie verhindert Vibrationen
 - ▶ Geeignet für Baustähle, Rostfreie Stähle, Grauguss, Werkzeugstähle, Titanlegierungen, hochfeste Stähle und Werkstoffe unter 40 HRc
 - ▶ Bessere Werkstückoberflächen.
 - ▶ Höhere Schnittgeschwindigkeiten, größere Profiltiefe und größeres Zerspanungsvolumen



MG HM 4 PLAIN FLAT P.710

Unit : inch

EDP No.		Corner Radius R	Mill Diameter	Shank Diameter h6	Length of Cut	Overall Length
PLAIN	FLAT					
EMB13008	-	R.010~R.015	1/8	1/8	3/8	1-1/2
EMB13012	-	R.010~R.015	3/16	3/16	7/16	2
EMB13016	-	R.015~R.020	1/4	1/4	1/2	2-1/2
EMB13020	-	R.015~R.020	5/16	5/16	13/16	2-1/2
EMB13024	EMB38024	R.015~R.020	3/8	3/8	7/8	2-1/2
EMB13028	EMB38028	R.015~R.020	7/16	7/16	1	2-3/4
EMB13032	EMB38032	R.025~R.030	1/2	1/2	1	3
EMB13036	EMB38036	R.025~R.030	9/16	9/16	1-1/8	3-1/2
EMB13040	EMB38040	R.035~R.040	5/8	5/8	1-1/4	3-1/2
EMB13048	EMB38048	R.035~R.040	3/4	3/4	1-1/2	4
EMB13064	EMB38064	R.035~R.040	1	1	1-1/2	4

Mill Dia. Tolerance(inch)	Shank Dia. Tolerance
0~-.0012	h6

◎ : Excellent ○ : Good

Carbon Steels	Alloy Steels	Prehardened Steels	Hardened Steels		High Hardened Steels	Copper	Graphite	Cast Iron	Aluminum	Stainless Steels	Titanium	Inconel
~HB225	HB225~325	HRc30~40	HRc40~45	HRc45~55	HRc55~70							
○	◎	○								◎	◎	○

CARBIDE

HSS

CBN END MILLS

i-Mill END MILLS

X5070 END MILLS

X-POWER END MILLS

JET-POWER END MILLS

V7 Mill INOX END MILLS

V7 Mill STEEL END MILLS

ALU-POWER END MILLS

D-POWER END MILLS

K-2 CARBIDE END MILLS

GENERAL CARBIDE END MILLS

TANK-POWER END MILLS

GENERAL HSS END MILLS

MILLING CUTTERS

TECHNICAL DATA