

2 FLUTE, CORNER RADIUS for ALUMINUM, TiCN COATED 2 SCHNEIDEN, ECKENRADIUS für ALUMINIUM, TiCN-BESCHICHTETE

SERIES EG909

PLAIN SHANK

GLATTEM ZYLINDERSCHAFT

MG
HM

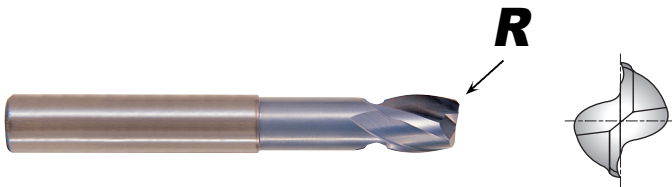


FLUTE
2

PLAIN



P.154



- Excellent cutting qualities on stainless steel, Aluminum, copper.
Ausgezeichnete Leistung bei der Bearbeitung von Edelstählen, Aluminium und kupfer.
- Increased tool life and higher cutting accuracy.
Längere Werkzeuglebensdauer und höhere Schnittgenauigkeit.

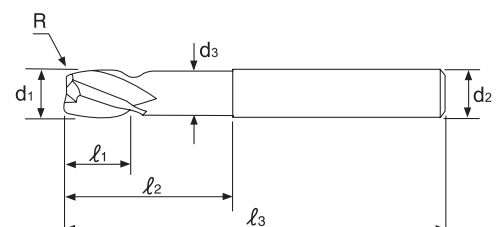
Alu POWER

Unit : mm

EDP No. PLAIN	R	MILL DIAMETER d ₁ (e8)	SHANK DIAMETER d ₂ (h6)	LENGTH OF CUT l ₁	LENGTH BELOW SHANK l ₂	OVERALL LENGTH l ₃	NECK DIAMETER d ₃
EG909040	R0.3	4.0	6	5	10	50	3.6
EG909060	R0.5	6.0	6	8	20	60	5.4
EG909080	R0.6	8.0	8	10	30	70	7.2
EG909100	R0.8	10.0	10	12	36	80	9.0
EG909120	R1.0	12.0	12	14	40	90	11.0
EG909160	R1.3	16.0	16	18	45	100	14.5
EG909200	R1.6	20.0	20	24	45	100	18.0

Tolerances according to DIN 7160 & 7161
Toleranzen nach DIN 7160 & 7161

Toleranzwerte in μm / Tolerance range in μm					
Nennmaßbereich in mm / Nominal-Diameter in mm					
	von 1 bis 3 from 1 to 3	über 3 bis 6 over 3 to 6	über 6 bis 10 over 6 to 10	über 10 bis 18 over 10 to 18	über 18 bis 30 over 18 to 30
e8	— 14 — 28	— 20 — 38	— 25 — 47	— 32 — 59	— 40 — 73
h6	0 — 6	0 — 8	0 — 9	0 — 11	0 — 13

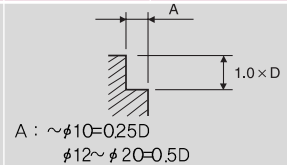
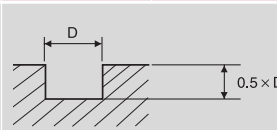
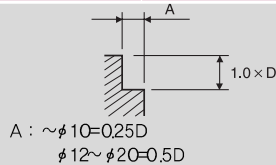
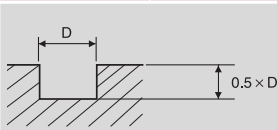


2 FL. CORNER RADIUS for ALUMINUM, TiCN COATED

■ EG909

ALU POWER

MATERIAL	ALUMINUM ALUMINUM ALLOY				COPPER ALLOY			
DIAMETER	RPM	FEED(mm/min)	RPM	FEED(mm/min)	RPM	FEED(mm/min)	RPM	FEED(mm/min)
R0.3×4	13000	1200	13000	1400	3900	300	3900	350
R0.5×6	13000	1500	13000	2000	3900	380	3900	500
R0.6×8	10000	1800	10000	2300	3000	450	3000	580
R0.8×10	10000	2200	10000	2700	3000	550	3000	680
R1.0×12	10000	2700	10000	3400	3000	680	3000	850
R1.3×16	8000	2500	8000	3100	2400	630	2400	780
R1.6×20	5000	2000	5000	2500	1500	500	1500	630



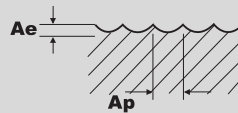
RPM=REVOLUTION PER MIN.
FEED=mm/min.

2 FL. BALL NOSE for ALUMINUM, TiCN COATED

■ EG910

MATERIAL	ALUMINUM ALUMINUM ALLOY		COPPER ALLOY	
DIAMETER	RPM	FEED	RPM	FEED
R3.0×6	18000	1750	5500	440
R4.0×8	14000	2000	4200	500
R5.0×10	14000	2350	4200	580
R6.0×12	14000	3000	4200	750
R8.0×16	11000	2700	3300	670
R10.0×20	7000	2200	2100	550

Ae=0.2×D
Ap=0.5×D



RPM=REVOLUTION PER MIN.
FEED=mm/min.