

2 FLUTE, 25° HELIX for ALUMINUM, TiCN COATED

2 SCHNEIDEN, 25° RECHTSSPIRALE für ALUMINIUM, TiCN-BESCHICHTETE

SERIES EG930

PLAIN SHANK

GLATTEM ZYLINDERSCHAFT

MG
HM



FLUTE
2

PLAIN



P.152



- ▶ Designed for the machining aluminum and its alloys, non-ferrous materials.
Geeignet zum Fräsen von Aluminium, Aluminiumlegierungen und NE-Metallen.
- ▶ Increased tool Life and higher cutting accuracy.
Längere Werkzeuglebensdauer und höherer Schnittgenauigkeit.
- ▶ Maximum-stock removal, chip ejection, stability.
Sehr gute Spanausfuhr.
- ▶ Corner Radius for avoiding the chipping.
Eckenradius für Vermeidung von Abbröckelungen.

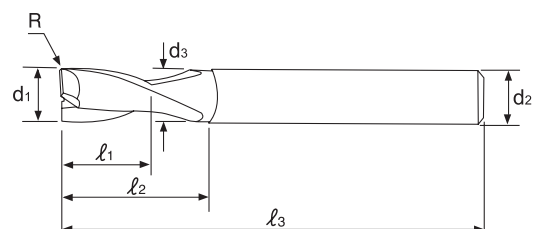
ALU POWER

Unit : mm

EDP No. PLAIN	R	MILL DIAMETER h10	SHANK DIAMETER h6	LENGTH OF CUT l_1	LENGTH BELOW SHANK l_2	OVERALL LENGTH l_3	NECK DIAMETER d3
EG930020	R0.2	2.0	3	3	6	40	1.9
EG930030	R0.2	3.0	3	4	8	40	2.9
EG930040	R0.2	4.0	4	5	12	50	3.8
EG930050	R0.2	5.0	5	8	14	50	4.8
EG930060	R0.2	6.0	6	8	18	65	5.7
EG930080	R0.2	8.0	8	10	22	70	7.7
EG930100	R0.2	10.0	10	14	28	80	9.7
EG930120	R0.2	12.0	12	16	35	90	11.5
EG930160	R0.2	16.0	16	20	40	90	15.5
EG930200	R0.2	20.0	20	25	50	100	19.5

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
h10	— 0 — 40	— 0 — 48	— 0 — 58	— 0 — 70	— 0 — 84
h6	— 0 — 6	— 0 — 8	— 0 — 9	— 0 — 11	— 0 — 13



2 FL. FINISH for ALUMINUM, DIAMOND COATED

ALU POWER

■ EI926

MATERIAL	ALUMINUM LOW SILICON ALUMINUM		ALUMINUM DIECAST		COPPER ALLOY	
	DIAMETER	RPM	FEED	RPM	FEED	RPM
3	45000	1100	24000	700	14000	280
4	35000	1500	20000	950	11000	380
5	25000	1600	13000	1100	7500	400
6	25000	1900	13000	1200	7500	480
8	20000	2300	11000	1500	6000	580
10	16000	2800	8500	1800	4800	700
12	13000	3400	7200	2200	3900	850
16	11000	3100	6000	2000	3300	780
20	6500	2500	3600	1600	2000	630

A: D3 ~ D10=0.25 xD
D12 ~ D20=0.5 xD

A: D3 ~ D10=0.1 xD
D12 ~ D20=0.25 xD

A: D3 ~ D10=0.25 xD
D12 ~ D20=0.5 xD

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

2 FL. FINISH for ALUMINUM, TiCN COATED

■ EG930

MATERIAL	ALUMINUM LOW SILICON ALUMINUM			
	DIAMETER	RPM	FEED	RPM
R0.2 x3	13000	900	13000	1200
R0.2 x4	13000	1200	13000	1400
R0.2 x5	13000	1300	13000	1700
R0.2 x6	13000	1500	13000	2000
R0.2 x8	10000	1800	10000	2300
R0.2 x10	10000	2200	10000	2700
R0.2 x12	10000	2700	10000	3400
R0.2 x16	8000	2500	8000	3100
R0.2 x20	5000	2000	5000	2500

A: φ3 ~ φ10 = 0.25 xD
φ12 ~ φ20 = 0.5 xD

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