

2 FLUTE, BALL NOSE, STUB CUT LENGTH for OVER HRc55 STEELS

2 SCHNEIDEN, STIRNRADIUS, EXTRA KURZ für Stähle ÜBER HRc55

SERIES EM868 PLAIN SHANK

GLATTEM ZYLINDERSCHAFT

 MG
HM

 FLUTE
2


P.60

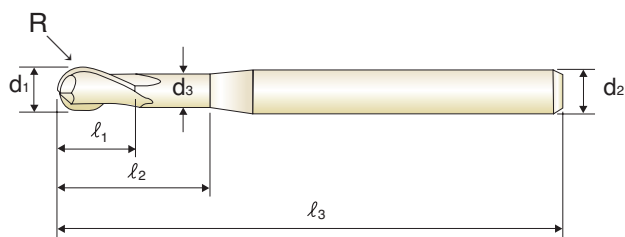
SERIES EM869 FLAT SHANK

SEITLICHEN MITNAHMEFLÄCHEN



Unit : mm

| EDP No. | | R ±0.01 | 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 |
|----------|----------|------------|---|--|------------------------------------|---|-------------------------------------|------------------------------------|
| PLAIN | FLAT | | | | | | | |
| EM868010 | — | R0.5 | 1.0 | 4 | 1 | 2.2 | 50 | 0.95 |
| EM868901 | — | R0.5 | 1.0 | 6 | 1 | 2.2 | 50 | 0.95 |
| EM868012 | — | R0.6 | 1.2 | 4 | 1.2 | 2.6 | 50 | 1.1 |
| EM868015 | — | R0.75 | 1.5 | 4 | 1.5 | 3 | 50 | 1.4 |
| EM868020 | EM869020 | R1.0 | 2.0 | 6 | 2 | 4 | 50 | 1.9 |
| EM868030 | EM869030 | R1.5 | 3.0 | 6 | 3 | 6 | 60 | 2.9 |
| EM868040 | EM869040 | R2.0 | 4.0 | 6 | 4 | 8 | 70 | 3.9 |
| EM868050 | EM869050 | R2.5 | 5.0 | 6 | 5 | 10 | 80 | 4.9 |
| EM868060 | EM869060 | R3.0 | 6.0 | 6 | 6 | 12 | 90 | 5.9 |
| EM868070 | EM869070 | R3.5 | 7.0 | 8 | 7 | 14 | 90 | 6.9 |
| EM868080 | EM869080 | R4.0 | 8.0 | 8 | 8 | 16 | 100 | 7.9 |
| EM868090 | EM869090 | R4.5 | 9.0 | 10 | 9 | 18 | 100 | 8.9 |
| EM868100 | EM869100 | R5.0 | 10.0 | 10 | 10 | 20 | 100 | 9.9 |
| EM868120 | EM869120 | R6.0 | 12.0 | 12 | 12 | 24 | 110 | 11.9 |
| EM868140 | EM869140 | R7.0 | 14.0 | 14 | 14 | 28 | 110 | 13.8 |
| EM868160 | EM869160 | R8.0 | 16.0 | 16 | 16 | 32 | 140 | 15.8 |
| EM868180 | EM869180 | R9.0 | 18.0 | 18 | 18 | 36 | 140 | 17.8 |
| EM868200 | EM869200 | R10.0 | 20.0 | 20 | 20 | 40 | 160 | 19.8 |
| EM868250 | EM869250 | R12.5 | 25.0 | 25 | 25 | 50 | 180 | 24.8 |


 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 |

- ▶ Suitable for HRc55~HRc70 high hardened materials.
Geeignet zum Fräsen von HRc55 ~ HRc70
- ▶ Strong cutting edges and higher tool rigidity.
Robuste Schneidkanten und hohe Werkzeughärte.
- ▶ Radius tolerance $\pm 0.01\text{mm}$.
Radius Toleranz $\pm 0.01\text{mm}$.