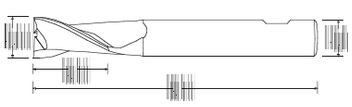
## Langloch - Bohrnutenfräser
mit Zylinderschaft,
lange Ausführung



| Katalog - Nr. | | | | F320 W | | F320 W TiCN | | F330 | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Werkstoff | | | | HSSE-Co8 | | HSSE-Co8 | | HSSE-Co8 | | |
| Norm | | | UNI ISO | ≈ 1641/I | | ≈ 1641/I | | ≈ 1641/I | | |
| $d_1$ e8 | $l_2$ | $l_1$ | $d_2$ | Z | € | Z | € | Z | € | |
| **3** | 8 | 56 | 6 | 2 | 15,30 | 2 | 21,30 | 2 | 16,40 | |
| **4** | 11 | 63 | 6 | 2 | 15,30 | 2 | 21,30 | 2 | 16,40 | |
| **5** | 13 | 68 | 6 | 2 | 15,30 | 2 | 21,30 | 2 | 16,40 | |
| **6** | 13 | 68 | 6 | 2 | 15,30 | 2 | 21,30 | 2 | 16,40 | |
| **7** | 16 | 80 | 10 | 2 | 22,70 | 2 | 34,70 | 2 | 23,80 | |
| **8** | 19 | 88 | 10 | 2 | 21,00 | 2 | 33,00 | 2 | 22,10 | |
| **9** | 19 | 88 | 10 | 2 | 22,70 | 2 | 34,70 | 2 | 23,80 | |
| **10** | 22 | 95 | 10 | 2 | 21,00 | 2 | 33,00 | 2 | 22,10 | |
| **12** | 26 | 110 | 12 | 2 | 25,30 | 2 | 39,30 | 2 | 26,20 | |
| **14** | 26 | 110 | 12 | 2 | 31,20 | 2 | 46,20 | 2 | 33,60 | |
| **16** | 32 | 123 | 16 | 2 | 39,90 | 2 | 54,90 | 2 | 40,90 | |
| **18** | 32 | 123 | 16 | 2 | 44,50 | 2 | 67,50 | 2 | 46,80 | |
| **20** | 38 | 141 | 20 | 2 | 56,30 | 2 | 80,30 | 2 | 56,60 | |
| **20** | 38 | 141 | 16* | | | | | 2 | 56,60 | |
| **22** | 38 | 141 | 20 | 2 | 69,00 | 2 | 102,00 | 2 | 70,80 | |
| **22** | 38 | 141 | 25* | | | | | 2 | 78,00 | |
| **25** | 45 | 166 | 25 | 2 | 83,50 | 2 | 117,50 | 2 | 83,50 | |
| **28** | 45 | 166 | 25 | 2 | 105,30 | 2 | 156,30 | | | |
| **30** | 45 | 166 | 25 | 2 | 121,60 | 2 | 172,60 | | | |

* = Werksnorm