

Technical drawing of a mechanical assembly in cross-section. The drawing shows a central shaft (AD) passing through a housing. The housing has a large outer diameter of 191.75 and a smaller inner diameter of 90. The shaft has a diameter of 70.9. The assembly is labeled "AF" and "ISO7388-1-AF50". The shaft is secured with a nut and washer. The drawing includes dimensions for the shaft length (max. 58), the housing length (90), and the overall length (191.75). The shaft has a 5° taper. The housing has a 5° taper. The shaft is labeled "AD" and the housing is labeled "AF". The assembly is labeled "ISO7388-1-AF50".


Dimensions and labels:

- Overall length: 191.75
- Housing length: 90
- Shaft length: max. 58
- Shaft diameter: 70.9
- Housing outer diameter: 191.75
- Housing inner diameter: 90
- Shaft diameter: 70.9
- Shaft taper: 5°
- Housing taper: 5°
- Labels: AF, AD, ISO7388-1-AF50
- Callouts: 1, 2

- Kuehlmitteldurchfuehrung: Zentral (AD)

- coolant supply: central (AD)

| | | |
|---|--|--|
| Laengennachstellung length adjustment | N = 10 mm | |
| Restunwucht residual imbalance | U < 1gmm | fuer Futtermasse < 1kg for chuck mass < 1kg |
| Wuchtguete balance quality | G2.5 25000 1/mm | fuer Futtermasse >= 1kg for chuck mass >= 1kg |
| Kuehlmitteldurchfuehrung coolant supply | Zentral (AD) / Bund (AF) central (AD) / radial (AF) | |
| Kuehlmitteldruck coolant pressure | max. 50 bar | |
| Erwaermungstemperatur heating temperature | max. 350 °C | |
| schrumpfbare Schafttoleranz shrinkable shank tolerance | h6 / ISO286 | |

| Teile-Liste / Parts List | | | | | | | | | |
|---|---------------------|-----------------------------|--------|---------------------------|------|---|---|--------------------------|-----------------------|
| Pos. Part | Menge Piece | Benennung | | Description | | Bezeichnung Designation | | ID-Nr. | |
| 1 | 1 | Einstellschraube | | setting screw | | T2000-2-M16X1X20 | | 6952018 | |
| 2 | 2 | Gewindestift | | set screw | | DIN913-M5X5 | | 6900062 | |
| technische Aenderungen vorbehalten / subject to technical alterations | | | | | | | | Gewicht/weight= 3.353 kg | |
| Schutzvermerk ISO 16016 beachten / refer to protection notice ISO 16016 | | | | | | | | | |
| Modell 4.2 Freigegeben | | Maßstab scale 1:1 | A3 | Datum | Name |  | Bilz Werkzeugfabrik GmbH & Co. KG 73760 Ostfildern/Germany www.bilz.de | | |
| Zeichnung 4.2 Freigegeben | | | Konst. | 24.06.04 | BS | | | | |
| 9 | | | Gez. | 24.06.04 | BS | | | | |
| 8 | | | Gepr. | | | | | | |
| 7 | | | | | | | | | |
| 6 | | | | | | <div>Spannfutter System ThermoGrip clamping chuck ThermoGrip system</div> | | | |
| 5 | | | | | | | | | |
| 4 | | | | | | | | | |
| 3 | 87/2015 | 11.11.16 | MH | | | | | | |
| 2 | 14/2008 | 30.10.08 | MT | | | | | | |
| 1 | 16/2005 | 14.02.07 | SD | Ident Nr. 6727658 | | Bezeichnung / designation T2500/ADB50 | | | Blatt sheet 1/1 |
| Nr. no. | Aenderung change | Datum date | Name | Zeichnungsname: 6727658-M | | | Änderungen nur im CAD / changes only in CAD | | |