

Technical drawing of a mechanical assembly, likely a nozzle or probe, showing a side view and a cross-section.

**Dimensions:**

- Overall length: 181.75
- Distance from tip to center of the main body: 80
- Distance from tip to the start of the tapered section: 60.9
- Maximum diameter of the tapered section: max.50
- Angle of the tapered section: 45°
- Inner diameter of the tapered section:  $\varnothing 16$
- Outer diameter of the tapered section:  $\varnothing 27$
- Inner diameter of the main body:  $\varnothing 34$


**Labels and Callouts:**

- AF: Points to the tapered section.
- AD: Points to the main body.
- IS07388-1-AF50: Points to the tapered section.
- N: Points to the inner diameter of the tapered section.
- 1: Points to the main body.
- 2: Points to the tapered section.

- 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		T1600-2-M12X1X20		6952017
2	2	Gewindestift			set screw		DIN913-M5X5		6900062
technische Aenderungen vorbehalten / subject to technical alterations								Gewicht/weight= 2.809 kg	
Schutzvermerk ISO 16016 beachten / refer to protection notice ISO 16016									
Modell 4.1 Freigegeben		Maßstab scale  1:1		A3	Datum	Name		Bilz Werkzeugfabrik GmbH & Co. KG 73760 Ostfildern/Germany www.bilz.de	
Zeichnung 4.1 Freigegeben				Konst.	23.06.04	BS			
9				Gez.	23.06.04	BS			
8				Gepr.					
7				<div>Spannfutter System ThermoGrip Clamping chuck ThermoGrip system</div>					
6									
5									
4									
3	87/2015	09.11.16	MH	Ident Nr.  6727645		Bezeichnung / designation  T1600/ADB50			Blatt sheet 1/1
2	14/2008	30.10.08	MT						
1	16/2005	14.02.07	SD						
Nr. no.	Aenderung change	Datum date	Name	Zeichnungsname: 6727645-M			Änderungen nur im CAD / changes only in CAD		