

Technical drawing of a mechanical part, likely a nozzle or probe, showing dimensions and assembly details.

Dimensions:

- Overall length: 261.75
- Length of main body: 160
- Length of tapered section: 140.9
- Maximum width of tapered section: max. 36
- Angle of tapered section: 4.5°
- Inner diameter of tapered section: $\phi 21$
- Outer diameter of tapered section: $\phi 32$
- Inner diameter of main body: $\phi 6$
- Outer diameter of main body: $\phi 97.5$

Labels and Callouts:

- AD: Points to the main body.
- AF: Points to the tapered section.
- ISO7388-1-AF50: Points to the tapered section.
- 1: Points to the tapered section.
- 2: Points to the main body.
- N: Points to the tapered section.
- 4.5°: Points to the tapered section.
- $\phi 21$: Points to the inner diameter of the tapered section.
- $\phi 32$: Points to the outer diameter of the tapered section.
- $\phi 6$: Points to the inner diameter of the main body.
- $\phi 97.5$: Points to the outer diameter of the main body.


Assembly Details:

- The drawing shows a cross-section of the part, revealing internal components like a nozzle and a probe.
- There are two main sections: a tapered section (1) and a main body (2).
- The tapered section (1) is shown with a dashed line indicating its internal structure.
- The main body (2) is shown with a dashed line indicating its internal structure.
- The drawing includes a detail view of the tapered section (1) showing its internal structure and dimensions.

- Kuehlmitteldurchfuehrung: Zentral (AD)

- coolant supply: central (AD)

Laengennachstellung length adjustment	N = 10mm	
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		T0600-2-M5X18		6947302	
2	2	Gewindestift		set screw		DIN913-M5X5		6900062	
technische Aenderungen vorbehalten / subject to technical alterations								Gewicht/weight= 3.231 kg	
Schutzvermerk ISO 16016 beachten / refer to protection notice ISO 16016									
Modell 4.2 Freigegeben		Maßstab scale		A3	Datum	Name		 Bilz Werkzeugfabrik GmbH & Co. KG 73760 Ostfildern/Germany www.bilz.de	
Zeichnung 4.2 Freigegeben		1:1		Konst.	22.06.04	BS			
				Gez.	22.06.04	BS			
				Gepr.					
9				<div style="text-align: center;"> Spannfutter System ThermoGrip clamping chuck ThermoGrip system </div>					
8									
7									
6									
5									
4									
3	87/2015	16.11.16	MH						
2	14/2008	04.11.08	MT						
1	16/2005	22.02.07	MT	Ident Nr.		Bezeichnung / designation		Blatt sheet	
				6727612		T0600-160/ADB50		1/1	
Nr. no.	Aenderung change	Datum date	Name	Zeichnungsname: 6727612-M			Änderungen nur im CAD / changes only in CAD		