

Technical drawing of a 393-ISO-HSK-A100 tool holder, showing a side view with dimensions and a detail view of the taper.

**Dimensions:**

- Overall length: 250
- Distance from flange to start of taper: 200
- Distance from flange to end of taper: 171
- Distance from flange to end of taper (with tolerance): 165.7
- Maximum taper length: max.36
- Flange outer diameter:  $\varnothing 100$
- Flange inner diameter:  $\varnothing 60$
- Flange thickness: 8
- Flange bore diameter:  $\varnothing 21$
- Flange bore diameter:  $\varnothing 32$
- Flange bore diameter:  $\varnothing 8$
- Flange bore diameter:  $\varnothing 60$

**Surface Finish:**

- Surface finish symbol:  $\sqrt{0,005}$  A
- Surface finish symbol:  $\sqrt{0,005}$  A



**Detail View:**

- Detail view of the taper, showing a 4.5° angle.
- Detail view of the taper, showing a 4.5° angle.

**Notes:**

- 393-ISO-HSK-A100
- 1

Laengennachstellung length adjustment	N = 10mm	
Restunwucht residual imbalance	U < 1gmm	fuer Futtermasse < 1kg for chuck mass < 1kg
Wuchtguete balance quality	G2,5 25000 1/min	fuer Futtermasse >= 1kg for chuck mass >= 1kg
Kuehlmittelausfuehrung coolant version	zentral / central max. 50bar	
Erwaermungstemperatur heating temperature	max. 350° C	
schrumpfbare Schafttoleranz shrinkable shank tolerance	Hartmetall carbide	Ø 3 - Ø 4,99 h4 ISO286
		Ø 5 - Ø 5,99 h5 ISO286
	alle Werkstoffe all materials	Ø 6 - Ø 32 h6 ISO286

Teile-Liste / parts list											t-liste_bg-elt.tbi V2.2			
Pos. part	Menge piece	Benennung		description			Bezeichnung / designation			Ident-Nr.				
1	1	Einstellschraube		setting screw			T0800-2-M6X20			6947303				
technische Aenderungen vorbehalten / subject to technical alterations									Gewicht/weight= 2.852 kg					
Schutzvermerk ISO 16016 beachten / refer to protection notice ISO 16016														
Modell 5.1 Freigegeben		Maßstab scale  1:1		A3	Datum	Name			Bilz Werkzeugfabrik GmbH & Co. KG 73760 Ostfildern/Germany www.bilz.de					
Zeichnung 5.1 Freigegeben				Konst.	07.06.02	MT								
9												Gez.	07.06.02	MT
8												Gepr.		
7							Spannfutter  clamping chuck							
6														
5		10/2019	14.02.19	MH										
4		47/11 ; 04/18	21.08.18	MO										
3		16/05 ; 67/07	06.11.08	MT										
2		51/2003	21.09.04	MT	Ident Nr.		Bezeichnung / designation			Blatt sheet				
1		58/2002	28.05.03	Fr	6727177		T0800-200-K1-HSKA100			1/1				
Nr. no.		Aenderung change	Datum date	Name	Zeichnungsname: 6727177-M			Aenderungen nur im CAD / changes only in CAD						