



Technical drawing of a shaft-hub assembly showing dimensions and tolerances. The drawing includes the following labels:

- D_8 : Outer diameter of the top flange.
- β : Angle of the top flange face.
- L_8 : Thickness of the top flange.
- D_7 : Inner diameter of the top flange.
- D_6 : Outer diameter of the middle flange.
- L_6 : Thickness of the middle flange.
- L_{2a} : Total length of the assembly.
- b : Width of the keyway in the shaft.
- c : Width of the keyway in the hub.
- f : Fit between the shaft and the hub.
- d : Diameter of the shaft.
- e : Diameter of the hub.
- D_5 : Outer diameter of the bottom flange.
- L_5 : Thickness of the bottom flange.
- D_2 : Inner diameter of the bottom flange.
- D : Outer diameter of the shaft.
- D_{1max} : Maximum outer diameter of the shaft.



D	D _{1max}	D ₂	D ₆	D ₇	D ₈ ¹⁾	L _{2a}	L ₅	L ₆	L ₈ ¹⁾	a	α	β ¹⁾	γ
64	70	20	M6 Typ „F“	11,4	64	58	6	7,5	9,5	2	60°	10°	1° 50'
2.520"	2.756"	0.787"	M5 Typ „K“	0.449"	2.520"	2.283"	0.236"	0.295"	0.374"	0.079"			

m-Rk	m-Ro
ca. 0,8 kg approx. 1.76 lb	0,07–0,13 kg approx. 0.15–0.29 lb

m-Ro = Gewicht für 1 Satz = 3 Stück Rollen Weight of 1 set of 3 rolls

Wechselschäfte ... -C1 Change shanks ... -C1

1 Zylinderschaft
Straight shank

2 Zylinderschaft mit Fläche
(auf Anfrage)
Straight shank with flat
(upon request)

3 VDI-Schaft
VDI shank

4 HSK-Schaft
HSK shank

5 Andere
z. B. kegelförmige Schaft
(auf Anfrage)
Others
e. g. tapered shanks
(upon request)

Schaft-Ø Shank dia.	Baumaße in mm Dimension in inches														
	D ₄		D _{7a}		D ₉	L		L ₂	L ₃	L ₄	m-Rs ¹⁾				
20	20	0.787"	11,4	0.449"	—	120,5	4.744"	60,5	2.382"	60	2.362"	—	ca. 0,13 kg appr. 0.29 lb		
25	25	0.984"	11,4	0.449"	—	120,5	4.744"	60,5	2.382"	60	2.362"	—	ca. 0,21 kg appr. 0.46 lb		
¾	19,05	0.750"	11,4	0.449"	—	120,5	4.744"	60,5	2.382"	60	2.362"	—	ca. 0,12 kg appr. 0.27 lb		
1	25,4	1.000"	11,4	0.449"	—	120,5	4.744"	60,5	2.382"	60	2.362"	—	ca. 0,22 kg appr. 0.49 lb		
1 ¼	31,75	1.250"	11,4	0.449"	—	120,5	4.744"	60,5	2.382"	60	2.362"	—	ca. 0,36 kg appr. 0.79 lb		
VDI-20	20	0.787"	11,4	0.449"	50	1.969"	116,5	4.587"	76,5	3.012"	40	1.575"	73	2.874"	ca. 0,36 kg appr. 0.79 lb
VDI-25	25	0.984"	11,4	0.449"	58	2.283"	124,5	4.902"	76,5	3.012"	48	1.890"	108	4.252"	ca. 0,53 kg appr. 1.17 lb
VDI-30	30	1.181"	11,4	0.449"	68	2.677"	131,5	5.177"	76,5	3.012"	55	2.165"	115	4.528"	ca. 0,76 kg appr. 1.68 lb
HSK-A63	48	1.890"	11,4	0.449"	63	2.480"	133	5.236"	101	3.976"	32	1.260"	65	2.559"	ca. 0,74 kg appr. 1.63 lb

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