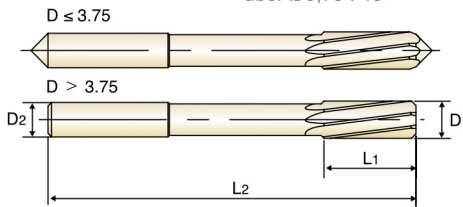


HSS-E, NC MACHINE REAMERS WITH WHOLE-NUMBER SHANK Ø

- 🇩🇪 HSS-E, NC-MASCHINENREIBAHLEN mit GERADZÄHLIGEN SCHAFT Ø
- 🇫🇷 ALÉSOIRS HSS-E MACHINE CN AVEC DIFFÉRENTES TOLÉRANCES DE QUEUE
- 🇮🇹 ALESATORI A MACCHINA IN HSS-E CON GAMMA Ø NOMINALI

- ▶ O.D. Tolerances
Whole-number Ø and 1/10 size : DIN 1420 for H7
1/100 size : from Ø2.01 to Ø5.03 : +0.004/-0.000mm
from Ø5.97 to Ø12.03 : +0.005/-0.000mm
- ▶ Shank Diameter Tolerances : h6
- ▶ LH Spiral Flutes / Right Hand Cut
- ▶ Chamfer Angle - Up to Ø3.75 : 15°
- Over Ø3.75 : 45°

- ▶ Ø Toleranzen:
ganzahlige Ø und 1/10 Größen : DIN 1420 für H7
1/100 Größen : ab Ø2,01 bis Ø5,03 : +0.004/-0.000mm
von Ø5,97 bis Ø12,03 : +0.005/-0.000mm
- ▶ Schaft-Durchmesser Toleranzen : h6
- ▶ linksspiralig/ rechtsscheidend
- ▶ Anschnittwinkel - bis Ø3,75 : 15°
- über Ø3,75 : 45°



Hole type



HSS-E
H7
LH7°
15°
45°
Bright
p.A406

up to Ø3.75 over Ø3.75



PlainShank

Page

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Unit : mm

EDP No.	Reamer Diameter				Shank Diameter				Flute Length				Overall Length			
	D1				D2				L1				L2			
K21B100800	8.0				8				33				117			
K21B100801	8.01				8				33				117			
K21B100802	8.02				8				33				117			
K21B100803	8.03				8				33				117			
K21B100810	8.1				8				33				117			
K21B100820	8.2				8				33				117			
K21B100830	8.3				8				33				117			
K21B100840	8.4				8				33				117			
K21B100850	8.5				8				33				117			
K21B100860	8.6				10				36				125			
K21B100870	8.7				10				36				125			
K21B100880	8.8				10				36				125			
K21B100890	8.9				10				36				125			
K21B100900	9.0				10				36				125			
K21B100901	9.01				10				36				125			
K21B100902	9.02				10				36				125			
K21B100903	9.03				10				36				125			
K21B100910	9.1				10				36				125			
K21B100920	9.2				10				36				125			
K21B100930	9.3				10				36				125			
K21B100940	9.4				10				36				125			
K21B100950	9.5				10				36				125			
K21B100960	9.6				10				38				133			
K21B100970	9.7				10				38				133			

▶ NEXT PAGE

© : Excellent ◦ : Good

ISO	P										M				K					
	Non-alloy steel					Low alloy steel					High alloyed steel, and tool steel		Stainless steel		Grey cast iron		Nodular cast iron		Malleable cast iron	
Material Description	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
VDI 3323																				
HRc	13	25	28	32	30	10	29	32	38	15	35	15	23	10	10	26	3	25	3	21
HB	125	190	250	270	300	180	275	300	350	200	325	200	240	180	180	260	160	250	130	230
Recommended	⊙	⊙	○	○	○	⊙	○	○	○	○	○	○	○	○	○	○	○	○	○	○

ISO	N								S							H					
	Aluminum-wrought alloy		Aluminum-cast, alloyed			Copper and Copper Alloys (Bronze / Brass)			Non Metallic Materials	Heat Resistant Super Alloys					Titanium Alloys		Hardened steel	Chilled Cast Iron	Hardened Cast Iron		
Material Description	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41
VDI 3323																					
HRc	60	100	75	90	130	110	90	100			15	30	25	38	34	400Rm	1050Rm	55	60	42	55
HB											200	280	250	350	320			550	630	400	550
Recommended	○	○	○	○	○	○	○	○													

