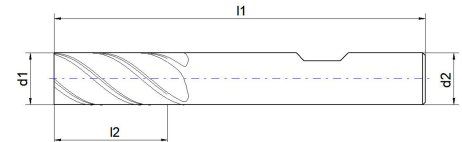
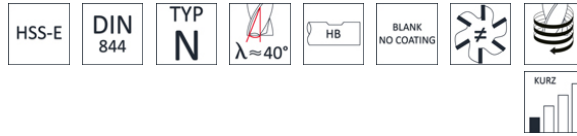


HSSE-Schaftfräser kurz HSSE end mills, short



Artikelnummer Article-No.	d1 k10	l1	l2	d2 h6	flutes
E.9677.0.0200	2	51	7	6,0	3
E.9677.0.0250	2.5	52	8	6,0	3
E.9677.0.0300	3	52	8	6,0	4
E.9677.0.0350	3.5	54	10	6,0	4
E.9677.0.0400	4	55	11	6,0	4
E.9677.0.0450	4.5	55	11	6,0	4
E.9677.0.0500	5	57	13	6,0	4
E.9677.0.0600	6	57	13	6,0	4
E.9677.0.0700	7	66	16	10,0	4
E.9677.0.0800	8	69	19	10,0	4
E.9677.0.1000	10	72	22	10,0	4
E.9677.0.1100	11	79	22	12,0	4
E.9677.0.1200	12	83	26	12,0	4
E.9677.0.1300	13	83	26	12,0	4
E.9677.0.1400	14	83	26	12,0	4
E.9677.0.1500	15	83	26	12,0	4
E.9677.0.1600	16	92	32	16,0	4
E.9677.0.1800	18	92	32	16,0	4
E.9677.0.2000	20	104	38	20,0	4
E.9677.0.2200	22	104	38	20,0	4
E.9677.0.2400	24	121	45	25,0	5
E.9677.0.2500	25	121	45	25,0	5



Individuelle Schnittdaten online im
Schnittdaten-Rechner berechnen lassen:
Calculate individual cutting
data online in the cutting data calculator
www.nachreiner-schnittdaten.eu

PRODUCT DATA SHEET



Materialbezeichnung material description		Bearbeitung Process	Vc m/min	fz									
				∅ 2.00-3.50	∅ 4.00-5.00	∅ 6.00-7.00	∅ 8.00	∅ 10.00-11.00	∅ 12.00-15.00	∅ 16.00	∅ 18.00	∅ 20.00-24.00	
PA	allg. Stähle General steels	Schruppen roughing	30.00	0.005	0.008	0.012	0.017	0.022	0.027	0.035	0.041	0.045	
		Schlichten finishing	50.00	0.006	0.010	0.015	0.021	0.028	0.034	0.044	0.051	0.057	
	allg. Stähle General steels	Schruppen roughing	30.00	0.005	0.008	0.012	0.017	0.022	0.027	0.035	0.041	0.045	
		Schlichten finishing	45.00	0.006	0.010	0.015	0.021	0.028	0.034	0.044	0.051	0.057	
	allg. Stähle General steels	Schruppen roughing	20.00	0.005	0.008	0.012	0.017	0.022	0.027	0.035	0.041	0.045	
		Schlichten finishing	35.00	0.006	0.010	0.015	0.021	0.028	0.034	0.044	0.051	0.057	
	allg. Stähle General steels	Schruppen roughing	15.00	0.005	0.008	0.012	0.017	0.022	0.027	0.035	0.041	0.045	
		Schlichten finishing	25.00	0.006	0.010	0.015	0.021	0.028	0.034	0.044	0.051	0.057	
	allg. Stähle General steels	Schruppen roughing	15.00	0.005	0.008	0.012	0.017	0.022	0.027	0.035	0.041	0.045	
		Schlichten finishing	20.00	0.006	0.010	0.015	0.021	0.028	0.034	0.044	0.051	0.057	
PV	Vergütungsstähle < 850N/mm ² Tempering steel < 850N/mm ²	Schruppen roughing	20.00	0.005	0.008	0.012	0.017	0.022	0.027	0.035	0.041	0.045	
		Schlichten finishing	35.00	0.006	0.010	0.015	0.021	0.028	0.034	0.044	0.051	0.057	
	Vergütungsstähle < 1000N/mm ² Tempering steel < 1000N/mm ²	Schruppen roughing	15.00	0.005	0.008	0.012	0.017	0.022	0.027	0.035	0.041	0.045	
		Schlichten finishing	25.00	0.006	0.010	0.015	0.021	0.028	0.034	0.044	0.051	0.057	
	Vergütungsstähle < 1400N/mm ² Tempering steel < 1400N/mm ²	Schruppen roughing	15.00	0.005	0.008	0.012	0.017	0.022	0.027	0.035	0.041	0.045	
		Schlichten finishing	20.00	0.006	0.010	0.015	0.021	0.028	0.034	0.044	0.051	0.057	
K	Gusseisen Cast iron	Schruppen roughing	20.00	0.005	0.008	0.012	0.017	0.022	0.027	0.035	0.041	0.045	
		Schlichten finishing	35.00	0.006	0.010	0.015	0.021	0.028	0.034	0.044	0.051	0.057	
	Temperguss Malleable cast iron	Schruppen roughing	20.00	0.005	0.008	0.012	0.017	0.022	0.027	0.035	0.041	0.045	
		Schlichten finishing	30.00	0.006	0.010	0.015	0.021	0.028	0.034	0.044	0.051	0.057	
N	Kupfer, Messing, Bronze, Rotguss Copper, brass, bronze, red brass	Schruppen roughing	65.00	0.005	0.008	0.012	0.017	0.022	0.027	0.035	0.041	0.045	
		Schlichten finishing	100.00	0.006	0.010	0.015	0.021	0.028	0.034	0.044	0.051	0.057	
S	Nickelbasierende Stähle Nickel based alloys	Schruppen roughing	10.00	0.003	0.006	0.008	0.012	0.016	0.019	0.024	0.028	0.032	
		Schlichten finishing	12.00	0.004	0.007	0.010	0.015	0.020	0.024	0.030	0.035	0.040	