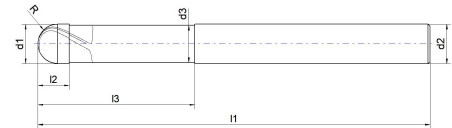
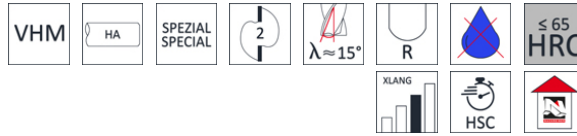


## VHM-Formenbau-Kugelfräser 15° Solid carbide ball nose end mills 15° for moulds



Artikelnummer Article-No.	R	d1 +0,00/-0,02	d3	l1	l2	l3	d2 h6
E.7645.1.0100	0.5	1	0.9	80	0.7	5	6,0
E.7645.1.0200	1	2	1.8	80	1.4	10	6,0
E.7645.1.0300	1.5	3	2.8	80	2	15	6,0
E.7645.1.0400	2	4	3.8	80	2.6	20	6,0
E.7645.1.0500	2.5	5	4.7	90	3.4	25	6,0
E.7645.1.0600	3	6	5.7	100	3.9	30	6,0
E.7645.1.0800	4	8	7.5	100	5.4	40	8,0
E.7645.1.1000	5	10	9.4	120	6.7	50	10,0
E.7645.1.1200	6	12	11.2	120	-	50	12,0
E.7645.1.1600	8	16	15	150	-	60	16,0



Individuelle Schnittdaten online im  
Schnittdaten-Rechner berechnen lassen:  
Calculate individual cutting  
data online in the cutting data calculator  
[www.nachreiner-schnittdaten.eu](http://www.nachreiner-schnittdaten.eu)

Materialbezeichnung material description	Bearbeitung Process	Vc m/min	fz						
			∅ 1.00	∅ 2.00-3.00	∅ 4.00-5.00	∅ 6.00	∅ 8.00	∅ 10.00-12.00	∅ 16.00
PA allg. Stähle General steels	Schlichten finishing	450.00	0.007	0.011	0.035	0.045	0.055	0.065	0.090
	Schlichten finishing	350.00	0.007	0.011	0.035	0.045	0.055	0.065	0.090
	Schlichten finishing	310.00	0.007	0.011	0.035	0.045	0.055	0.065	0.090
	Schlichten finishing	250.00	0.007	0.011	0.035	0.045	0.055	0.065	0.090
	Schlichten finishing	170.00	0.005	0.007	0.025	0.032	0.040	0.045	0.055
PV Vergütungsstähle < 850N/mm <sup>2</sup> Tempering steel < 850N/mm <sup>2</sup>	Schlichten finishing	310.00	0.007	0.011	0.035	0.045	0.055	0.065	0.090
	Schlichten finishing	250.00	0.007	0.011	0.035	0.045	0.055	0.065	0.090
	Schlichten finishing	170.00	0.005	0.007	0.025	0.032	0.040	0.045	0.055
K Gusseisen Cast iron	Schlichten finishing	450.00	0.007	0.011	0.035	0.045	0.055	0.065	0.090
	Schlichten finishing	410.00	0.007	0.011	0.035	0.045	0.055	0.065	0.090
	Schlichten finishing	410.00	0.007	0.011	0.035	0.045	0.055	0.065	0.090

# PRODUKTDATENBLATT



Materialbezeichnung material description	Bearbeitung Process	Vc m/min	fz							
			Ø 1.00	Ø 2.00-3.00	Ø 4.00-5.00	Ø 6.00	Ø 8.00	Ø 10.00-12.00	Ø 16.00	
H	gehärtete Stähle 45-55 HRC Hardened steels 45-55 HRC	Schlichten finishing	120.00	0.005	0.007	0.025	0.032	0.040	0.045	0.055
	gehärtete Stähle 55-60 HRC Hardened steels 55-60 HRC	Schlichten finishing	90.00	0.005	0.007	0.025	0.032	0.040	0.045	0.055
	gehärtete Stähle 60-65 HRC Hardened steels 60-65 HRC	Schlichten finishing	70.00	0.005	0.007	0.025	0.032	0.040	0.045	0.055