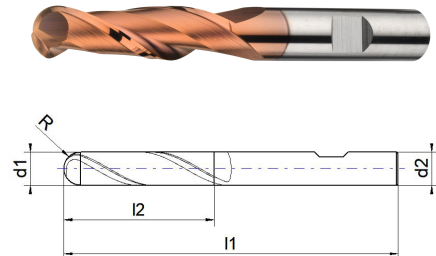
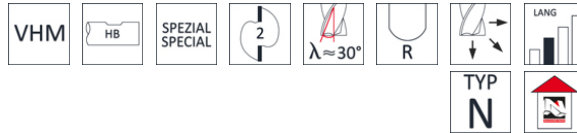


## VHM-Universal-Vollradiusfräser 30° Solid carbide universal ball nose end mills 30°



Artikelnummer Article-No.	d1	R	l1	l2	d2 h6
E.7641.1L.0300	3	1.5	60	20	3,0
E.7641.1L.0400	4	2	60	25	4,0
E.7641.1L.0500	5	2.5	75	25	5,0
E.7641.1L.0600	6	3	75	30	6,0
E.7641.1L.0800	8	4	100	45	8,0
E.7641.1L.1000	10	5	100	45	10,0
E.7641.1L.1200	12	6	100	45	12,0
E.7641.1L.1600	16	8	150	65	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					
			∅ 3.00	∅ 4.00-5.00	∅ 6.00	∅ 8.00	∅ 10.00-12.00	∅ 16.00
PA allg. Stähle General steels	Schlichten finishing	300.00	0.011	0.035	0.045	0.055	0.065	0.090
	Schlichten finishing	270.00	0.011	0.035	0.045	0.055	0.065	0.090
	Schlichten finishing	210.00	0.011	0.035	0.045	0.055	0.065	0.090
	Schlichten finishing	180.00	0.011	0.035	0.045	0.055	0.065	0.090
	Schlichten finishing	120.00	0.007	0.025	0.032	0.040	0.045	0.060
PV Vergütungsstähle < 850N/mm <sup>2</sup> Tempering steel < 850N/mm <sup>2</sup>	Schlichten finishing	210.00	0.011	0.035	0.045	0.055	0.065	0.090
	Schlichten finishing	180.00	0.011	0.035	0.045	0.055	0.065	0.090
	Schlichten finishing	120.00	0.007	0.025	0.032	0.040	0.045	0.060
M Rost und säurebeständige Stähle Stainless steels	Schlichten finishing	130.00	0.007	0.025	0.032	0.040	0.045	0.060
	Schlichten finishing	90.00	0.007	0.025	0.032	0.040	0.045	0.060

# PRODUCT DATA SHEET



Materialbezeichnung material description	Bearbeitung Process	Vc m/min	fz					
			∅ 3.00	∅ 4.00-5.00	∅ 6.00	∅ 8.00	∅ 10.00-12.00	∅ 16.00
K <b>Gusseisen</b> Cast iron	<b>Schlichten</b> finishing	300.00	0.011	0.035	0.045	0.055	0.065	0.090
	<b>Temperguss</b> Malleable cast iron	280.00	0.011	0.035	0.045	0.055	0.065	0.090
	<b>Gusseisen mit Kugelgraphit</b> Nodular cast iron	260.00	0.011	0.035	0.045	0.055	0.065	0.090
N <b>AL- und AL-Legierungen</b> AL und AL-alloys	<b>Schlichten</b> finishing	450.00	0.011	0.035	0.045	0.055	0.065	0.090
	<b>Schlichten</b> finishing	400.00	0.011	0.035	0.045	0.055	0.065	0.090
	<b>Schlichten</b> finishing	350.00	0.011	0.035	0.045	0.055	0.065	0.090
	<b>Kupfer, Messing, Bronze, Rotguss</b> Copper, brass, bronze, red brass	450.00	0.011	0.035	0.045	0.055	0.065	0.090
H <b>gehärtete Stähle 45-55 HRC</b> Hardened steels 45-55 HRC	<b>Schlichten</b> finishing	80.00	0.007	0.025	0.032	0.040	0.045	0.060