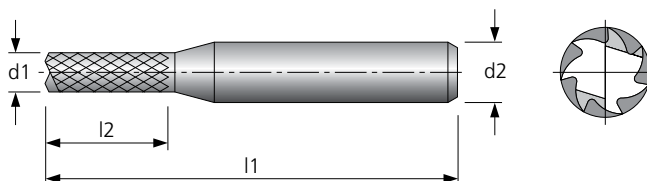
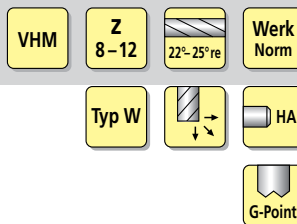


HAM 40-1600

Vollhartmetall-Konturenfräser (upcut)
solid carbide router (upcut)



Material	Alu Knet- leg.	Alu Guss- leg.	Stahl < 800 N/mm²	Stahl < 1200 N/mm²	Stahl < 1600 N/mm²	Stahl < 55 HRC	Stahl < 60 HRC	Stahl < 66 HRC	INOX < 800 N/mm²	INOX > 800 N/mm²	GG	GGG	hochw. Legie- rungen	Titan	NE- Metalle Cu-Leg.	Graphit & Faser- verbund	MMS	max.	ohne	AIR
40-1600																	●		●	○

● sehr gut geeignet / very suitable ○ bedingt geeignet / limited suitable

HAM 40-1600

Werkstoffgruppe material group	Ø mm	4	5	6	8	10	12	14	16	20
GFK-CFK	v _c [m/min]	200	200	200	200	200	200	200	200	200
	f _z [mm]	0,035	0,035	0,040	0,040	0,045	0,050	0,055	0,060	0,065
	v _f [mm/min]	5570	4450	4240	3200	2880	2650	2480	2400	2080
	n [1/min]	15900	12700	10600	8000	6400	5300	4500	4000	3200
Graphit & Faserverbund	v _c [m/min]	400	400	400	400	400	400	400	400	400
	f _z [mm]	0,035	0,035	0,040	0,040	0,045	0,050	0,055	0,060	0,065
	v _f [mm/min]	11130	8930	8480	6360	5720	5300	5010	4800	4160
	n [1/min]	31800	25500	21200	15900	12700	10600	9100	8000	6400