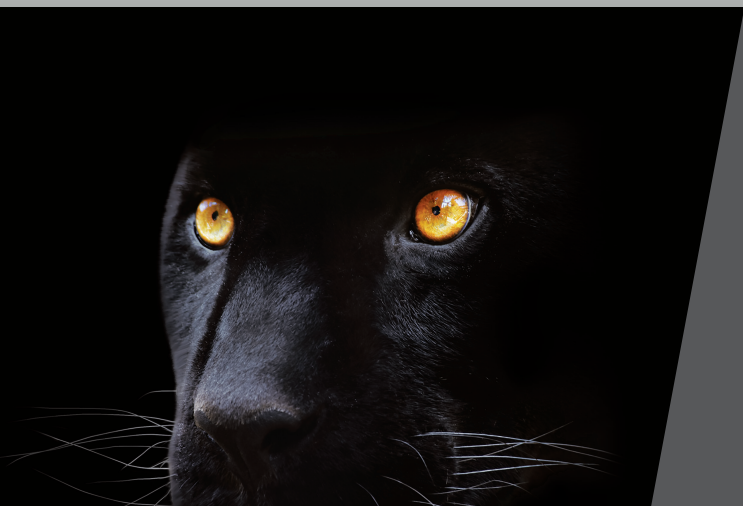




ECO Fräser
Eco mills
Fraises Eco

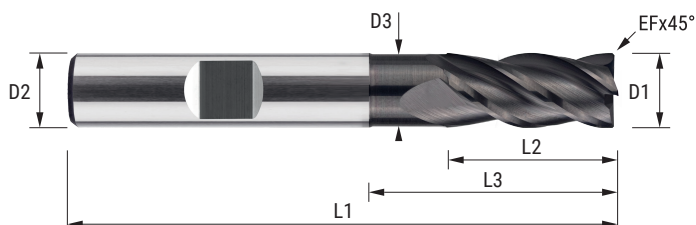
www.tigershop.hu

ECO

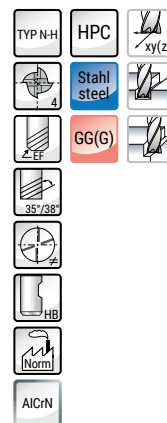
VHM-Schaftfräser HPC ECO 2xD

Solid carbide end mill HPC ECO 2xD
Fraise carbure HPC ECO 2xD

Artikel-Nr. **99.125...**



D1	D2	L2	L1	D3	L3	EF	Z	Artikel-Nr. Article-No. Référence	Preis AlCrN Price AlCrN Prix AlCrN
3,00	6,00	8,00	57,00	2,80	18,00	0,13	4,00	99.125.030.10	7,15
4,00	6,00	11,00	57,00	3,60	21,00	0,20	4,00	99.125.040.10	7,15
5,00	6,00	13,00	57,00	4,60	21,00	0,20	4,00	99.125.050.10	7,15
6,00	6,00	13,00	57,00	5,50	21,00	0,20	4,00	99.125.060.10	7,15
8,00	8,00	19,00	63,00	7,50	27,00	0,30	4,00	99.125.080.10	11,65
10,00	10,00	22,00	72,00	9,50	32,00	0,30	4,00	99.125.100.10	19,50
12,00	12,00	26,00	83,00	11,50	38,00	0,30	4,00	99.125.120.10	31,90
16,00	16,00	32,00	92,00	15,50	44,00	0,30	4,00	99.125.160.10	58,50
20,00	20,00	38,00	104,00	19,50	54,00	0,40	4,00	99.125.200.10	86,00



The InovaTools ECO solid carbide end mill is an excellent choice!

Here are the key advantages of this product:

- *High Performance: The ECO series delivers outstanding performance, enabling fast and efficient machining across various materials.*
- *Durability: Made from solid carbide, these end mills ensure long tool life and consistent performance.*
- *Efficiency: Optimized for high-performance cutting (HPC), increasing productivity and reducing machining time.*
- *Cost-Effective: Competitively priced, offering high-quality milling tools that provide excellent value for money.*
- *Advanced Coating: Features AlCrN coating for improved wear resistance and performance in demanding conditions.*
- *Ease of Use: Clear cutting data recommendations for different materials and conditions, simplifying the selection process for users.*



Schnittdatenempfehlung HPC						
Cutting data recommendation HPC / Recommandation des paramètres de coupe HPC						
ISO	Kategorien Category Catégories	Werkstoffnummer Material number Numéro de matériel	Festigkeit Tensile strength Résistance	Schnittgeschwindigkeit v_c [m/min] Cutting speed v_c [m/min] Vitesse de coupe v_c [m/min]		
				ae ≤ 0,3*D1	ae ≤ 0,5*D1	ae ≤ 1*D1
				ap = 1*D1		
P	Allgemeine Stähle General steels Aciers généraux	St52, St37,C45, 16MnCr5	≤ 850 N/mm ²	210	160	120
	Vergütungsstähle Tempering steel Aciers trempés et revenus	42CrMo4(1.7225) 1.2367, 1.2379, 1.2363	≤ 1200 N/mm ²	190	145	100
K	Gusseisen und Gusseisenlegierungen Cast iron and cast iron alloys Fonte et alliages de fonte	GG20, GG40, GTW-45-07, GGG40	≤ 450 N/mm ²	190	145	100
		GGG60, GGG70	≤ 650 N/mm ²	160	125	90
M	Rostfreie Stähle-INOX Rust and acid constant steels Aciers inoxydables-INOX	1.4301, 1.4305, 1.4034	≤ 700 N/mm ²	130	100	70
		1.4435, 1.4571	> 700 N/mm ²	100	80	55

P	Vorschub pro Zahn fz [mm] Feed per tooth [mm] / Avance par dent fz [mm]		
	ae ≤ 0,3*D1	ae ≤ 0,5*D1	ae ≤ 1*D1
D1 [mm]	ap = 1*D1		
3	0,013	0,011	0,009
4	0,016	0,014	0,012
5	0,021	0,018	0,015
6	0,036	0,032	0,026
8	0,050	0,043	0,036
10	0,065	0,057	0,048
12	0,082	0,072	0,060
16	0,097	0,086	0,072
20	0,113	0,099	0,083
P	Vorschub pro Zahn fz -20% Feed per tooth fz -20% / Avance par dent fz -20%		
K	Vorschub pro Zahn fz -20% Feed per tooth fz -20% / Avance par dent fz -20%		
M	Vorschub pro Zahn fz -20% Feed per tooth fz -20% / Avance par dent fz -20%		