

**CARBIDE, 3 FLUTE ROUGHING with NECK**

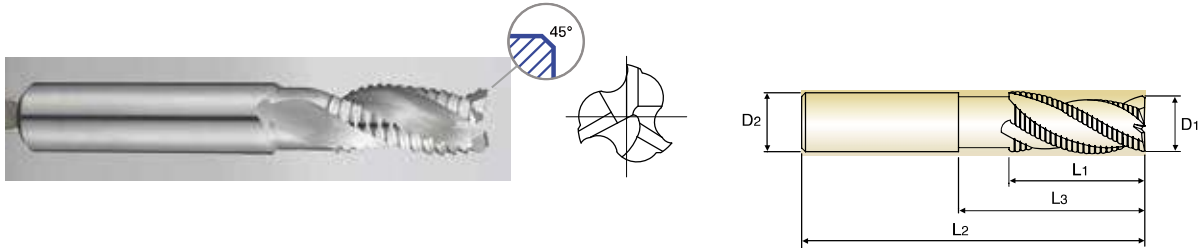
**VOLLHARTMETALL, 3 SCHNEIDEN SCHRUPPFÄSER mit ABGESETZTEM SCHAFTTETL**

**Fraise carbure, 3 dents, ébauche détalonnée**

**3 TAGLIENTI, PER SGROSSATURA, SCARICATA**

- ▶ Excellent cutting qualities on aluminum and copper
- ▶ Increased tool life and higher cutting accuracy
- ▶ Mirror surface - Excellent surface finish

- ▶ Ausgezeichnete Schneideigenschaften in Aluminium, Kupfer
- ▶ Verbesserte Standzeiten und höhere Fräsgenauigkeit
- ▶ Spiegel-Oberfläche - Hervorragendes Oberflächenfinishing.



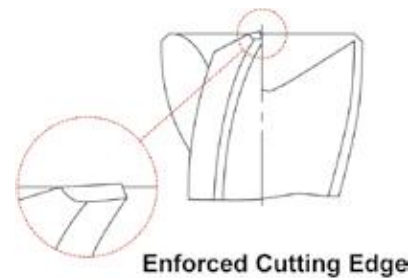
Unit : mm

EDP No.		Mill Diameter	Shank Diameter	Length of Cut	Length Below Shank	Overall Length	Neck Diameter	Chamfer
PLAIN	FLAT	D1	D2	L1	L3	L2	D3	
E5E39060	E5E40060	6.0	6	16	20	57	5	0.60
E5E39080	E5E40080	8.0	8	16	25	63	7	0.60
E5E39100	E5E40100	10.0	10	22	30	72	9	0.60
E5E39120	E5E40120	12.0	12	26	36	83	10.5	0.60
E5E39160	E5E40160	16.0	16	32	42	92	14.5	0.91
E5E39200	E5E40200	20.0	20	38	52	104	18.5	0.91

▶ TIN, TiCN and TiAlN Coatings are available on your request.

**Tolerances according to DIN 7160 & 7161**  
**Toleranzen nach DIN 7160 & 7161**

Tolerance range in $\mu\text{m}$ / Toleranzwerte in $\mu\text{m}$					
Nominal-Diameter in mm / Nennmaßbereich in mm					
	from 1 to 3 von 1 bis 3	over 3 to 6 über 3 bis 6	over 6 to 10 über 6 bis 10	over 10 to 18 über 10 bis 18	over 18 to 30 über 18 bis 30
<b>h10</b>	0 - 40	0 - 48	0 - 58	0 - 70	0 - 84
<b>h6</b>	0 - 6	0 - 8	0 - 9	0 - 11	0 - 13



**Enforced Cutting Edge**

◎ : Excellent ○ : Good

P				H	M	K	N				S		
Carbon Steels	Alloy Steels	Prehardened Steels	Hardened Steels	High Hardened Steels	Stainless Steels	Cast Iron	Copper	Graphite	Aluminum	Acrylic	CFRP	Titanium	High Temperature Alloy
~HB225	HB225~325	HRc30~40	HRc40~45 HRc45~55	HRc55~70									
○	○					○			◎				