

Technical information

Art.-Nr. 231 / 1 - Fightmax STEEL short

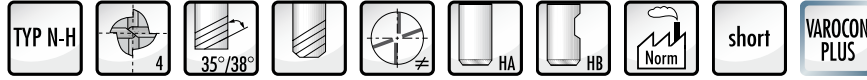


VHM - Schafffräser Fightmax kurz

Art.-Nr. **231** Flutes **4**



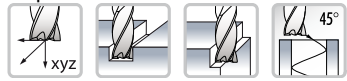
Tool data



Tool recommendation



Capabilities



Areas of application and special features

High-quality HPC multi-twist cutter with micro geometry, new solid carbide and polished high performance coating Varacon Plus especially for steel. The Fightmax uses a new milling cutter front for better dipping and ramp cutting.

Competitive advantages and profitability

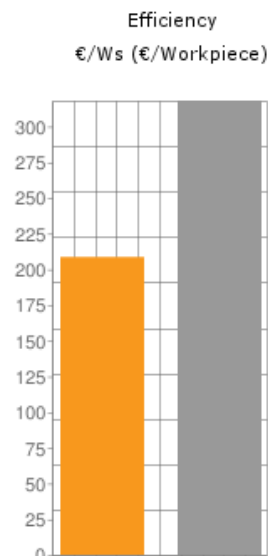
The durability was increased by a special edge finishing and better production tolerances. Best results in 16MnCr5, 42CrMo4 and Toolox 33.

Competition to Hoffmann, Hanita, Maier

Example application

Art.-Nr.: **23112010**
Material: **Tempering steel < 1000 N/mm² (< 32 HRC)**

Inovatools -			
D1	12,00	mm	Diameter
z	4		Flutes
ae	6,000	mm	Row pitch
ap	12,000	mm	Cutting depth
vc	255,00	m/min	Cutting speed
n	6764	U/min	Rotation speed
fz	0,07000	mm	Feed per tooth
vf	1893,94	mm/min	Feed rate
Q	136,36395524	cm ³ /min	Material removal rate
hm	0,04456	mm	Middle chipping thickness
K/M	100	€/std	Machine hourly cost
K/W	78,8	€	Tool cost
T	54,87	min	Tool life
V	9072	cm ³	Processing volume
Tb	66,53	min	Process time
€/Ws	206,43	€	Cost workpiece



Competitor: **Wettbewerber**
Art.-Nr.: **Europa**

Calculator			
D1	12,00	mm	Diameter
z	4		Flutes
ae	6	mm	Row pitch
ap	12	mm	Cutting depth
vc	180,01	m/min	Cutting speed
n	4775	U/min	Rotation speed
fz	0,09	mm	Feed per tooth
vf	1718,97	mm/min	Feed rate
Q	123,76575924	cm ³ /min	Material removal rate
hm	0,05730	mm	Middle chipping thickness
K/M	100	€/std	Machine hourly cost
K/W	85,7	€	Tool cost
T	32,06	min	Tool life
V	9072	cm ³	Processing volume
Tb	73,30	min	Process time
€/Ws	318,11	€	Cost workpiece

