

Technical information

Art.-Nr. 287 / 1 - Fightmax INOX short



VHM - Schaftfräser FIGHTMAX INOX kurz

Art.-Nr.
287

Flutes
4



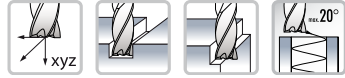
Tool data



Tool recommendation



Capabilities



Areas of application and special features

HPC-tool with the latest micro geometry for INOX machining, unequal divided, with an unequal helix and additional defined cutting edge rounding.

Competitive advantages and profitability

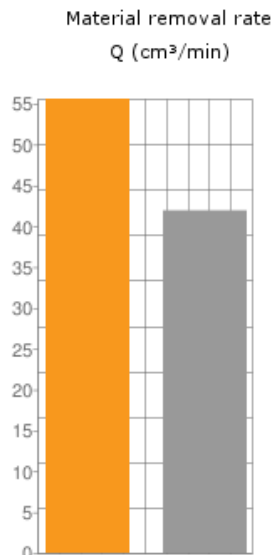
Highest tool life with moderate cutting data.

Example application

Art.-Nr.: **28712010**
Material: **Rust and acid constant steels <700 N/mm² (<205 HB)**

Competitor:
Art.-Nr.:

Inovatools -			
D1	12,00	mm	Diameter
z	4		Flutes
ae	6,000	mm	Row pitch
ap	12,000	mm	Cutting depth
vc	140,00	m/min	Cutting speed
n	3714	U/min	Rotation speed
fz	0,05200	mm	Feed per tooth
vf	772,43	mm/min	Feed rate
Q	55,61510331	cm³/min	Material removal rate
hm	0,03310	mm	Middle chipping thickness
K/M		€/std	Machine hourly cost
K/W		€	Tool cost
T		min	Tool life
V		cm³	Processing volume
Tb		min	Process time
€/Ws		€	Cost workpiece



Calculator			
D1	12,00	mm	Diameter
z	4		Flutes
ae	6	mm	Row pitch
ap	12	mm	Cutting depth
vc	110,01	m/min	Cutting speed
n	2918	U/min	Rotation speed
fz	0,05000	mm	Feed per tooth
vf	583,62	mm/min	Feed rate
Q	42,02064000	cm³/min	Material removal rate
hm	0,03183	mm	Middle chipping thickness
K/M		€/std	Machine hourly cost
K/W		€	Tool cost
T		min	Tool life
V		cm³	Processing volume
Tb		min	Process time
€/Ws		€	Cost workpiece

