


TMSERROR, Ø h10 DC: 3mm

Order data

Order number	GG1125 3
GTIN	4045197736024
Item class	GGN

Description

Version:
Same as No. 207125.

Technical description

Flute length L_c	5 mm
No. of teeth Z	2
Feed f_z for copy milling in steel $< 900 \text{ N/mm}^2$	0.013 mm
Overall length L	50 mm
Cutting edge $\varnothing D_c$	3 mm
Shank $\varnothing D_s$	6 mm
Feed f_z for side milling in steel $< 900 \text{ N/mm}^2$	0.011 mm
Helix angle	30 degrees
Radius R	1.5 mm
Contents	5
Coating	TiAlN

Tool material	Solid carbide
Standard	Manufacturer's standard
Type	N
Tolerance nominal \varnothing	h10
Direction of infeed	horizontal, oblique and vertical
Cutting width a_e for milling operation	0.5×D for side milling
Cutting width a_e for milling operation	0.05×D for copy milling
Shank	DIN 6535 HA to h6
Type of product	Ball-nosed slot drill

User data

	Suitability	V_c	ISO code
Aluminium (short chipping)	suitable only under restricted conditions	350 m/min	N
Alu > 10% Si	suitable only under restricted conditions	250 m/min	N
Steel < 500 N/mm ²	suitable	160 m/min	P
Steel < 750 N/mm ²	suitable	140 m/min	P
Steel < 900 N/mm ²	suitable	130 m/min	P
Steel < 1100 N/mm ²	suitable	80 m/min	P
Steel < 1400 N/mm ²	suitable	70 m/min	P
Steel < 55 HRC	suitable	50 m/min	H
INOX < 900 N/mm ²	suitable	80 m/min	M
INOX > 900 N/mm ²	suitable only under restricted conditions	70 m/min	M
GG(G)	suitable	120 m/min	K
CuZn	suitable only under restricted conditions	320 m/min	N
Uni	suitable		
wet maximum	suitable		

wet minimum	suitable only under restricted conditions
dry	suitable only under restricted conditions
Air	Suitable only under restricted conditions

Accessories

Solid carbide ball nose slot drill Ø DC 3 mm	207125 3
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