

HOLEX
HOLEX Pro INOX solid carbide torus cutter HPC DIN 6535 HB, AlCrN, Ø DC / R1: 12/1,0mm

Order data

Order number	GG1248 12/1,0
GTIN	4045197908902
Item class	GGN

Description
Version:

Dimensions similar to DIN 6527.

For **outstanding tool life**.

For use at **high cutting speeds, particularly suitable even for steels up to approx. 1100N/mm²**.

Same as No. 206348.

Technical description

No. of teeth Z	4
Overall length L	83 mm
Feed f_z for copy milling in stainless steel > 900 N/mm ²	0.075 mm
Corner radius R_1	1 mm
Recess Ø D_1	11.6 mm
Feed f_z for side milling in INOX > 900 N/mm ²	0.06 mm
Shank Ø D_s	12 mm

Overhang length L_1 incl. recess	36 mm
Flute length L_c	26 mm
Shank	DIN 6535 HB to h6
Cutting edge $\varnothing D_c$	12 mm
Helix angle	35 degrees
Contents	5
Series	Pro Inox
Coating	AlCrN
Tool material	Solid carbide
Standard	Manufacturer's standard
Type	N
Tolerance nominal \varnothing	f8
Helix angle characteristic	unequal spacing
Spacing of the cutters	unequal spacing
Direction of infeed	horizontal, oblique and vertical
Cutting width a_e for milling operation	$0.05 \times D$ for copy milling
Cutting width a_e for milling operation	$0.3 \times D$ for side milling
Machining strategy	HPC
Shank tolerance	h6
Type of product	Torus cutter

User data

	Suitability	V_c	ISO code
Steel < 500 N/mm ²	suitable	240 m/min	P
Steel < 750 N/mm ²	suitable	220 m/min	P
Steel < 900 N/mm ²	suitable	180 m/min	P
Steel < 1100 N/mm ²	suitable	180 m/min	P
Steel < 1400 N/mm ²	suitable only under restricted conditions	150 m/min	P

TOOLOX 33	suitable only under restricted conditions	115 m/min	H
TOOLOX 44	suitable only under restricted conditions	80 m/min	H
INOX < 900 N/mm ²	suitable	100 m/min	M
INOX > 900 N/mm ²	suitable	85 m/min	M
Uni	suitable only under restricted conditions		
wet maximum	suitable		
wet minimum	suitable only under restricted conditions		
dry	suitable only under restricted conditions		
Air	suitable only under restricted conditions		

Accessories

HOLEX Pro INOX solid carbide torus cutterHPC DIN 6535
HB Ø DC / R1 12/1,0 mm

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