



HOLEX Pro INOX solid carbide torus cutter HPC DIN 6535 HB, AlCrN, Ø DC / R1: 12/2,0mm



Order data

Order number	GG1248 12/2,0
GTIN	4045197908926
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

Feed f_z for copy milling in stainless steel $> 900 \text{ N/mm}^2$	0.07 mm
Flute length L_c	26 mm
Feed f_z for side milling in INOX $> 900 \text{ N/mm}^2$	0.056 mm
Shank $\varnothing D_s$	12 mm
Overhang length L_1 incl. recess	36 mm
No. of teeth Z	4
Overall length L	83 mm

Cutting edge $\varnothing D_c$	12 mm
Recess $\varnothing D_1$	11.6 mm
Corner radius R_1	2 mm
Shank	DIN 6535 HB to h6
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

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