

**Value pack HOLEX Pro Inox solid carbide torus cutter HPC DIN 6535 HB****Order data**

Order number	GG1248 4/0,5
GTIN	4045197908704
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

Overall length L	57 mm
Feed f_z for copy milling in stainless steel $> 900 \text{ N/mm}^2$	0.018 mm
No. of teeth Z	4
Shank $\varnothing D_s$	6 mm
Overhang length L_1 incl. recess	17 mm
Flute length L_c	11 mm
Cutting edge $\varnothing D_c$	4 mm
Corner radius R_1	0.5 mm

Data sheet

Recess $\varnothing D_1$	3.8 mm
Feed f_z for side milling in INOX $> 900 \text{ N/mm}^2$	0.014 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 $< 500 \text{ N/mm}^2$	suitable	240 m/min	P
Steel $< 750 \text{ N/mm}^2$	suitable	220 m/min	P
Steel $< 900 \text{ N/mm}^2$	suitable	180 m/min	P
Steel $< 1100 \text{ N/mm}^2$	suitable	180 m/min	P
Steel $< 1400 \text{ N/mm}^2$	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		

Suitable products

<https://www.hoffmann-group.com/GB/en/hom/p/GG1248-4/0,5>