

HOLEX**HOLEX Pro INOX solid carbide torus cutter HPC DIN 6535 HB, AlCrN, Ø DC / R1:
8/1,5mm****Order data**

| | |
|--------------|---------------|
| Order number | GG1248 8/1,5 |
| GTIN | 4045197908797 |
| 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 |
| Shank Ø D _s | 8 mm |
| Feed f _z for side milling in INOX > 900 N/mm ² | 0.03 mm |
| Overhang length L ₁ incl. recess | 25 mm |
| Cutting edge Ø D _c | 8 mm |
| Flute length L _c | 21 mm |
| Shank | DIN 6535 HB to h6 |

| | |
|---|----------------------------------|
| Recess $\varnothing D_1$ | 7.7 mm |
| Feed f_z for copy milling in stainless steel $> 900 \text{ N/mm}^2$ | 0.037 mm |
| Overall length L | 63 mm |
| Corner radius R_1 | 1.5 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 $< 500 \text{ N/mm}^2$ | 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 | | |

Accessories

HOLEX Pro INOX solid carbide torus cutterHPC DIN 6535
HB Ø DC / R1 8/1,5 mm

206348 8/1,5