

**Garant**
**Solid carbide reamer HPC through hole, TiAlN, Nominal Ø DC: 14mm**

**Order data**

Order number	164350 14
GTIN	4045197328588
Item class	10N

**Description**
**IMPORTANT: item is configurable**

Nominal Ø D<sub>C</sub>: 14 mm

Ø range: 13.21 - 14.2 mm, Intervall: 0,001

**Version:**

**Version suitable for NC** with straight shank Ø for standard arbors especially in **hydraulic chucks** or **high precision collet chucks**. This gives **very high concentricity** and **process reliability**. No need to procure special collets. With internal coolant supply for **HPC applications** to reduce manufacturing costs.

**Reamers finish ground to match your specifications.**

With short flutes and left-hand helix.

**Application:**

For **HPC/HSM reaming** of **through holes**.

**Note:**
**NEW GENERATION AVAILABLE!**
**Recommended successor product is No. 164420.**

Application for type of drilling: for through holes

Number of cutting edges Z: 6

Ø range: 13.21 - 14.2 mm

Flute length L<sub>C</sub>: 22 mm

Overhang L<sub>1</sub>: 80 mm

Overall length L: 130 mm

Number of cutting edges Z: 6

Shank Ø D<sub>S</sub>: 14 mm

**Technical description**

Feed f in stainless steel < 900 N/mm <sup>2</sup>	0.2 mm/rev.
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Overhang $L_1$	80 mm
Shank tolerance	h6
Nominal $\varnothing D_c$	14 mm
Shank $\varnothing D_s$	14 mm
Overall length L	130 mm
Flute length $L_c$	22 mm
$\varnothing$ range	13.21 - 14.2 mm
Number of cutting edges Z	6
Coating	TiAlN
Tool material	Solid carbide
Standard	Manufacturer's standard
Through-coolant	yes, with 25 bar
Shank	DIN 6535 HA with h6
Machining strategy	HPC
Application for type of drilling	for through holes
Colour ring	blue
Type of product	Phillips bit

## User data

	Suitability	$V_c$	ISO code
INOX < 900 N/mm <sup>2</sup>	suitable	30 m/min	M
INOX > 900 N/mm <sup>2</sup>	suitable	25 m/min	M
Oil	suitable		
wet maximum	suitable		