

**Garant**
**Solid carbide reamer HPC through hole, TiAlN, Nominal  $\varnothing$  DC: 11,5 mm**

**Order data**

Order number	164352 11,5
GTIN	4045197675651
Item class	10N

**Description**
**Version:**

**Version suitable for NC** with straight shank  $\varnothing$  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.**

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With short flutes and left-hand helix.

**Application:**

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

Application for type of drilling: for through holes

Number of cutting edges Z: 6

$\varnothing$  range: 11.21 - 11.7 mm

Flute length  $L_c$ : 20 mm

Overhang  $L_1$ : 71 mm

Overall length L: 120 mm

Number of cutting edges Z: 6

Shank  $\varnothing D_s$ : 12 mm

**Technical description**

Overhang $L_1$	71 mm
Shank tolerance	h6
Feed f in titanium > 850 N/mm <sup>2</sup>	0.1 mm/rev.
Nominal $\varnothing D_c$	11.5 mm

Shank $\varnothing D_s$	12 mm
Overall length L	120 mm
Flute length $L_c$	20 mm
$\varnothing$ range	11.21 - 11.7 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	pink
Type of product	Reaming tool with non-detachable cutters