

Garant
Solid carbide reamer HPC through hole, TiAlN, Nominal Ø DC: 19 mm

Order data

Order number	164352 19
GTIN	4045197675736
Item class	10N

Description
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.

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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: 8

Ø range: 18.21 - 19.2 mm

Flute length L_c : 25 mm

Overhang L_1 : 95 mm

Overall length L: 150 mm

Number of cutting edges Z: 8

Shank Ø D_s : 20 mm

Technical description

Feed f in titanium > 850 N/mm ²	0.16 mm/rev.
Nominal Ø D_c	19 mm
Overhang L_1	95 mm
Shank tolerance	h6

Shank $\varnothing D_s$	20 mm
Overall length L	150 mm
Flute length L_c	25 mm
\varnothing range	18.21 - 19.2 mm
Number of cutting edges Z	8
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