

Garant
Solid carbide reamers HPC through hole, TiAlN, Nominal Ø DC: 18 mm

Order data

Order number	164362 18
GTIN	4045197445896
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**. For **highest concentricity** and **process reliability**. No need to procure special collets. With internal coolant supply for **HPC applications** to reduce manufacturing costs.

Reamer manufacturing tolerances:

whole number sizes and Ø 0.5: H7 to DIN 1420

1/100 sizes Ø 3.97 – 12.03: +0.004/0

With short flutes and left-hand helix.

Application:

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

Application for type of drilling: for through holes

Bore Ø tolerance: H7

Number of cutting edges Z: 8

Bore Ø tolerance: H7

Flute length L_c : 25 mm

Overhang L_1 : 97 mm

Overall length L: 150 mm

Number of cutting edges Z: 8

Shank Ø D_s : 18 mm

Technical description

Feed f in steel < 1100 N/mm ²	1.1 mm/rev.
Nominal Ø D_c	18 mm
Shank tolerance	h6

Overhang L ₁	97 mm
Shank Ø D _s	18 mm
Overall length L	150 mm
Flute length L _c	25 mm
Number of cutting edges Z	8
recommended drill Ø in steel < 1100 N/mm ²	17.8 mm
Bore Ø tolerance	H7
Coating	TiAlN
Tool material	Solid carbide
Standard	Manufacturer's standard
Through-coolant	yes
Shank	DIN 6535 HA with h6
Machining strategy	HPC
Application for type of drilling	for through holes
Colour ring	green
Type of product	Reaming tool with non-detachable cutters