

Garant
Solid carbide reamers HPC through hole, TiAlN, Nominal \varnothing DC: 4,97 mm

Order data

Order number	164362 4,97
GTIN	4045197362292
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**. 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 \varnothing 0.5: H7 to DIN 1420

1/100 sizes \varnothing 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 \varnothing tolerance: 0 / 0.004

Number of cutting edges Z: 4

Bore \varnothing tolerance: 0 / 0.004

Flute length L_c : 12 mm

Overhang L_1 : 35 mm

Overall length L: 75 mm

Number of cutting edges Z: 4

Shank \varnothing D_s : 6 mm

Technical description

Shank tolerance	h6
Feed f in steel < 1100 N/mm ²	0.4 mm/rev.
Nominal \varnothing D_c	4.97 mm

Overhang L_1	35 mm
Shank $\varnothing D_s$	6 mm
Overall length L	75 mm
Flute length L_c	12 mm
Number of cutting edges Z	4
recommended drill \varnothing in steel < 1100 N/mm ²	4.9 mm
Bore \varnothing tolerance	0 / 0.004
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