

Garant
Solid carbide reamers HPC blind hole, Diamond, Nominal Ø DC: 19 mm

Order data

Order number	164357 19
GTIN	4045197513984
Item class	10N

Description
Version:

With the latest generation of **crystalline diamond coating sp³**, for process reliability in machining **fibre-reinforced composites, CRP, GRP, and graphite**.

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, straight flutes.

Application:

For **HPC/HSC reaming** of **blind holes**.

Number of cutting edges Z: 6

Ø range: 18.21 - 19.2 mm

Flute length L_c: 25 mm

Overhang L₁: 95 mm

Overall length L: 150 mm

Number of cutting edges Z: 6

Shank Ø D_s: 20 mm

Technical description

Shank tolerance	h6
Feed f in GRP CRP	1.6 mm/rev.
Feed f in PEEK CF30	2 mm/rev.
Overhang L ₁	95 mm

Nominal $\varnothing D_c$	19 mm
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	6
Coating	Diamond
Tool material	Solid carbide
Standard	Manufacturer's standard
Type	W
Through-coolant	yes, with 25 bar
Shank	DIN 6535 HA with h6
Machining strategy	HPC
Application for type of drilling	for blind holes
Colour ring	black
Type of product	Reaming tool with non-detachable cutters