

Garant
Solid carbide reamer HPC blind hole, TiAlN, Nominal \varnothing DC: 18 mm

Order data

Order number	164351 18
GTIN	4045197853387
Item class	10N

Description
IMPORTANT: item is configurable
 \varnothing range: 17.21 - 18.2 mm, Intervall: 0,001

 Nominal \varnothing D_C: 18 mm

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.

With short, straight flutes.

Application:

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

Note:
NEW GENERATION AVAILABLE!
Recommended successor product is No. 164425.

Application for type of drilling: for blind holes

Number of cutting edges Z: 6

 \varnothing range: 17.21 - 18.2 mm

 Flute length L_C: 25 mm

 Overhang L₁: 95 mm

Overall length L: 150 mm

Number of cutting edges Z: 6

 Shank \varnothing D_S: 18 mm

Technical description

\varnothing range	17.21 - 18.2 mm
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Overall length L	150 mm
Shank tolerance	h6
Number of cutting edges Z	6
Shank $\varnothing D_s$	18 mm
Flute length L_c	25 mm
Nominal $\varnothing D_c$	18 mm
Feed f in stainless steel $< 900 \text{ N/mm}^2$	0.35 mm/rev.
Overhang L_1	95 mm
Coating	TiAlN
Tool material	Solid carbide
Standard	Manufacturer's standard
Through-coolant	yes, with 25 bar
Shank	DIN 6535 HA to h6
Machining strategy	HPC
Application for type of drilling	for blind holes
Colour ring	blue
Type of product	Phillips bit

User data

	Suitability	V_c	ISO code
INOX $< 900 \text{ N/mm}^2$	suitable	30 m/min	M
INOX $> 900 \text{ N/mm}^2$	suitable	25 m/min	M
Oil	suitable		
wet maximum	suitable		