

**Garant**
**Solid carbide reamer HPC through hole, TiAlN, Nominal Ø DC: 15mm**

**Order data**

Order number	164348 15
GTIN	4045197549013
Item class	10N

**Description**
**IMPORTANT: item is configurable**

 Nominal Ø D<sub>C</sub>: 15 mm

Ø range: 14.21 - 15.2 mm, Intervall: 0,001

**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.**

With short, straight flutes.

**Application:**

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

**Note:**
**NEW GENERATION AVAILABLE!**
**Recommended successor product is No. 164420.**

Application for type of drilling: for through holes

Number of cutting edges Z: 6

Ø range: 14.21 - 15.2 mm

 Flute length L<sub>C</sub>: 22 mm

 Overhang L<sub>1</sub>: 77 mm

Overall length L: 130 mm

Number of cutting edges Z: 6

 Shank Ø D<sub>S</sub>: 16 mm

**Technical description**

Feed f in steel < 60 HRC	0.15 mm/rev.
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Shank tolerance	h6
Nominal $\varnothing D_c$	15 mm
Overhang $L_1$	77 mm
Shank $\varnothing D_s$	16 mm
Overall length L	130 mm
Flute length $L_c$	22 mm
$\varnothing$ range	14.21 - 15.2 mm
Number of cutting edges Z	6
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	red
Type of product	Phillips bit

## User data

	Suitability	$V_c$	ISO code
Steel < 55 HRC	suitable	12 m/min	H
Steel < 60 HRC	suitable only under restricted conditions	8 m/min	H
Steel < 65 HRC	Suitable only under restricted conditions	6 m/min	H
Oil	suitable		
wet maximum	suitable		