

**Garant**
**NC spotting drills, 142°, Ø Ds: 20 mm**

**Order data**

Order number	231502 20
GTIN	4045197324016
Item class	21Y

**Description**
**Version:**
**With Weldon shank.**

Spotting drill suitable for insert shape: 142

Number of cutting edges Z: 1

 maximum hole Ø d<sub>1</sub>: 18.5 mm

 maximum drilling depth l<sub>1</sub>: 3 mm

Shank length h: 70 mm

 Overall length L<sub>tot</sub>: 100 mm

Indexable insert size: 16

**Technical description**

Insert screw	231540_TX15 (2.5 Nm)
Overall length L <sub>tot</sub>	100 mm
maximum drilling depth l <sub>1</sub>	3 mm
Shank Ø D <sub>s</sub>	20 mm
Shank length h	70 mm
ISO code indexable insert	SOGT 11T3
maximum hole Ø d <sub>1</sub>	18.5 mm
Indexable insert size	16
Number of cutting edges Z	1
Shank	Weldon shank

Spotting drill suitable for insert shape	142
Product name attribute	142°
Through-coolant	no
Point angle	142 degrees
Type of product	Indexable drill

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## Accessories

Torx® clamping screw Drive TX15	231540 TX15
PrecisionBit for Torx®, shank E 6.3 Torx® profile TX15	674248 TX15
8 mm blade with magnet with 1/4 inch bit holder overall length 50 mm	659874 50
Torque screwdriver with scale, to take interchangeable blades maximum torque 500 cNm	659906 500