

**Garant**
**Boring bar, steel, left-hand, Shank  $\varnothing$  / insert size: 16/11 mm**

**Order data**

Order number	261133 16/11
GTIN	4045197878069
Item class	21T

**Description**

Boring bar, steel 16/11 mm Shank  $\varnothing D_s$ : 16 mm  
 ISO code toolholder: A16Q SVUBR/L11  
 Setting angle  $\kappa$ : 93 degrees  
 suitable indexable insert: VB.. 1103..  
 Minimum pre-drill  $\varnothing D_{min}$ : 21 mm  
 Centre offset  $L_3$ : 11 mm

**Technical description**

Insert size	11 mm
Clamping height $L_2$	15.5 mm
Minimum pre-drill $\varnothing D_{min}$	21 mm
Overall length $L$	180 mm
Pack of insert screws	269028 7
Head length $L_1$	16.5 mm
ISO code toolholder	A16Q SVUBR/L11
Centre offset $L_3$	11 mm
Setting angle $\kappa$	93 degrees
suitable indexable insert	VB.. 1103..
Shank $\varnothing D_s$	16 mm
Application type	left-hand

Boring depth up to	3xD
Standard	DIN 8024
Through-coolant	yes
Type of product	Boring bar

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## Accessories

Set of insert screws 10 pieces	269413
Torque screwdriver with scale, to take interchangeable blades maximum torque 500 cNm	659906 500
Set of insert screws Type 7	269028 7
PrecisionBit for Torx®, shank E 6.3 Torx® profile TX8	674248 TX8