

**Garant**
**Boring bar, steel, left-hand, Shank  $\varnothing$  / insert size: 32/22 mm**

**Order data**

Order number	251417 32/22
GTIN	4045197868312
Item class	21T

**Description**

Boring bar, steel 32/22 mm Shank  $\varnothing$  D<sub>3</sub>: 32 mm  
 ISO code toolholder: A32S PTFNR/L 22  
 Setting angle  $\kappa$ : 90 degrees  
 suitable indexable insert: TN.. 2204..  
 Minimum pre-drill  $\varnothing$  D<sub>min</sub>: 40 mm  
 Centre offset L<sub>3</sub>: 22 mm

**Technical description**

suitable indexable insert	TN.. 2204..
Minimum pre-drill $\varnothing$ D <sub>min</sub>	40 mm
Centre offset L <sub>3</sub>	22 mm
Clamping height L <sub>2</sub>	31 mm
Setting angle $\kappa$	90 degrees
Insert size	22 mm
Lever	259015 2
Shim punches pack	259047 2
Overall length L	250 mm
ISO code toolholder	A32S PTFNR/L 22
Shim	259031 10
Lever screw	259018 2

Shim pins pack	259044 2
Shank Ø D <sub>s</sub>	32 mm
Application type	left-hand
Boring depth up to	3×D
Standard	DIN 8024
Through-coolant	yes
Type of product	Boring bar

## Accessories

Lever Type 2	259015 2
Lever	259000
Shim Type 10	259031 10
Shim pins set 10 pieces	259400
Lever screw	259110
Torque screwdriver with scale, to take interchangeable blades maximum torque 500 cNm	659906 500
Shim	259213
Lever screw Type 6	259018 6
Shim punches set 10 pieces Type 2	259047 2
Set of shim pins 10 pieces Type 2	259044 2
Shim punches set 10 pieces	259500
PrecisionBit for hex, shank E 6.3 Hexagon 3 mm	674242 3