

**Garant**
**Precision boring set Ø 9.75 – 164 mm, Connection: HSK63**

**Order data**

Order number	237541 HSK63
GTIN	4045197608512
Item class	29W

**Description**
**Version:**

For Ø 9.75 – 164 mm, with fine boring head No. 237546, boring bar and accessories in a case.

**Can be extended** with the bridge No. 237560 to Ø 320 mm.

**Adjustment accuracy 0.01 mm per graduation / with vernier 0.002 mm on the Ø.**

**Application:**

For boring bars with shank Ø 16 mm and precision boring bridges. Boring bars / insert toolholder with suitable standard ISO insert type **CC..0602**.

**Supplied with:**

1 fine boring head: No. 237546 HSK63

1 each boring bar (max. boring length): No. 237630 Ø 9.75 – 15.1 mm (30 mm), No. 237632 Ø 14.75 - 20.1 mm (51 mm);

No. 237634 Ø 19.75 – 25.1 mm (72 mm), No. 237636 Ø 24.75 - 30.1 mm (82 mm);

No. 237640 Ø 29.75 – 48.1 mm (85 mm), No. 237642 Ø 47.75 – 88.1 mm (85 mm).

1 bridge: No. 237647 for Ø extension of 86 – 164 mm.

1 insert toolholder for the bridge: No. 237564 06

1 insert: No. 260052 size CU7010 (CCMT 060204)

**Spare part:**

Insert screw No. 219830.

**Recommendation:**

Best with indexable inserts No. 237695 and No. 237696.

## Technical description

Connection	HSK63
Through-coolant	yes
Type of product	Boring tool

## Accessories

Adjustable boring bar	237640
Boring bar	237632
Boring bar	237630
Fine boring head $\varnothing$ 9.75 – 320 mm Connection HSK63	237546 HSK63
Boring bar	237636
CC.T 060204 Grade CU7010	260052 CU7010
Adjustable boring bar	237642
Boring bar	237634
Insert toolholder for bridges Type 06	237564 06
Bridge	237647
Set without arbor $\varnothing$ 9.75 – 164 mm	237569