

**Garant**
**Set without arbor  $\varnothing$  9.75 – 101.1 mm**

**Order data**

Order number	237539
GTIN	4045197584205
Item class	29W

**Description**
**Version:**

**The ER plus precision boring tool can be adapted directly on to the ER40 collet chuck.**

**Application:**

For boring bars with shank  $\varnothing$  16 mm and insert toolholder.

Can be extended with adapter and insert toolholder to  $\varnothing$  152.1 mm.

**Adjustment accuracy 0.01 mm / with vernier 0.002 mm on the  $\varnothing$ .**

Boring bars with suitable standard ISO insert type **CC..0602**.

Insert toolholders with suitable standard ISO insert type **CC..09T3**.

**Supplied with:**

1 pc. each boring bar (max. boring length): No. 237630 boring bar  $\varnothing$  9.75 – 20.1 mm (30 mm);

No. 237634 boring bar  $\varnothing$  19.75 – 30.1 mm (72 mm);

No. 237640 boring bar  $\varnothing$  29.75 – 48.1 mm (85 mm);

No. 237642 boring bar  $\varnothing$  47.75 – 88.1 mm (85 mm).

1 insert toolholder: No. 237645 for  $\varnothing$  87.75 – 101.1 mm (with adapter No. 237534 up to  $\varnothing$  114.1 mm).

1 each of insert: No. 260052 size CU7010 (or use CC..0602);

No. 260058 size CU7010 (or use CC..09T3).

**Spare part:**

For No. 237630 – 237642: Insert screw No. 219830.

For No. 237645; 237531; 237532: Insert screw No. 219805.

**Recommendation:**

- **Indexable insert No. 265340 size F (CBN) for hardened materials.**
- **Indexable insert No. 237695 size HB7015 for deep holes and small boring-out allowances (good chip control with reduced cutting forces).**

**Note:**

During the extraction cycle, ensure cutting edge orientation  $\pm 20^\circ$ !

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## Technical description

Connection	ER40
Through-coolant	yes
Type of product	Boring tool