



TORCO-BLOCK

Fast and accurate tool assembly with any wrench

PRECISE

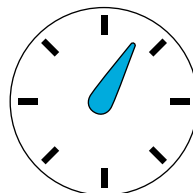
Never over-torque your toolholders.

REPRODUCIBLE

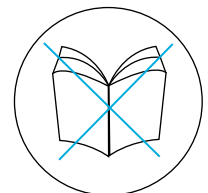
Tool run-out is guaranteed.

TORCO-BLOCK

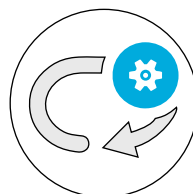
Safe and secure clamping of tools.



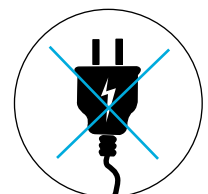
Integrated measurement
in Nm or ft lb



No tables or torque
charts needed



Toolholders are always
clamped correctly



No electricity required

Why should you use TORCO-BLOCK?

Safe and easy tool-clamping for all available collet systems



Torque Value Charts

Finding the right tightening torque for your ER system is complicated. All ER manufacturers highly recommend to respect the correct tightening force in order to get best TIR run-out. With TORCO-BLOCK, forget about torque charts and endless searches!

Recommended tightening torque for ER and MR clamping nuts
Maximum torques for retention knobs (Nm)

ER / MR	ERB / ERBC	ERM / ERMC	ERMA / ERMAC	ERMB / ERMCB	ERMAK / ERMAKB	ER MS
ER 10	0.039-0.098	8	10	10	10	10
ER 16	0.039-0.098	8	10	10	10	10
ER 20	0.039-0.098	8	10	10	10	10
ER 25	0.039-0.098	8	10	10	10	10
ER 32	0.039-0.098	8	10	10	10	10
ER 40	0.039-0.098	8	10	10	10	10
ER 50	0.039-0.098	8	10	10	10	10
ER 63	0.039-0.098	8	10	10	10	10
ER 80	0.039-0.098	8	10	10	10	10
ER 100	0.039-0.098	8	10	10	10	10
ER 125	0.039-0.098	8	10	10	10	10
ER 160	0.039-0.098	8	10	10	10	10
ER 200	0.039-0.098	8	10	10	10	10
ER 250	0.039-0.098	8	10	10	10	10
ER 315	0.039-0.098	8	10	10	10	10
ER 400	0.039-0.098	8	10	10	10	10
ER 500	0.039-0.098	8	10	10	10	10
ER 630	0.039-0.098	8	10	10	10	10
ER 800	0.039-0.098	8	10	10	10	10
ER 1000	0.039-0.098	8	10	10	10	10

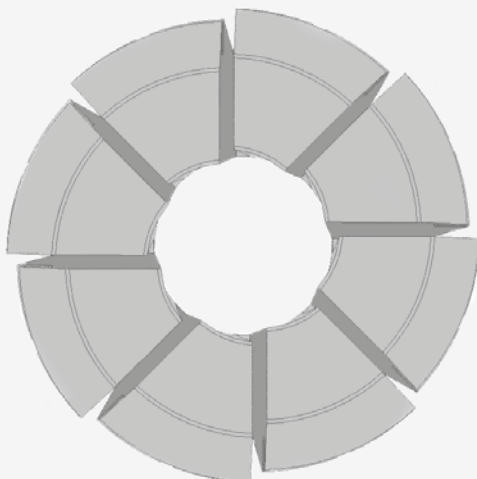
Torque Wrenches

Clamping your ER nut on a TORCO-BLOCK can be done with literally any standard wrench or spanner. No expensive torque wrenches or other equipment is needed anymore!



ER Collet Torsion

Overtorquing an ER system will negatively impact the TIR run-out. Your ER collet will twist and distort under the compression. Don't waste your good ER system because of faulty usage!



Collet top view

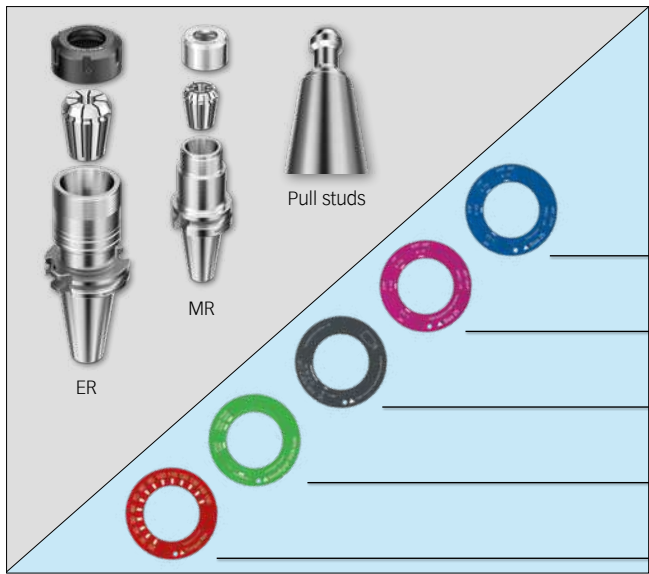
Damaged Holders

The threaded head of an ER toolholder is designed and manufactured for a specific clamping strength. Overtorquing will eventually provoke hairline cracks or even cracked holders. Respect the right tightening torque thanks to TORCO-BLOCK!



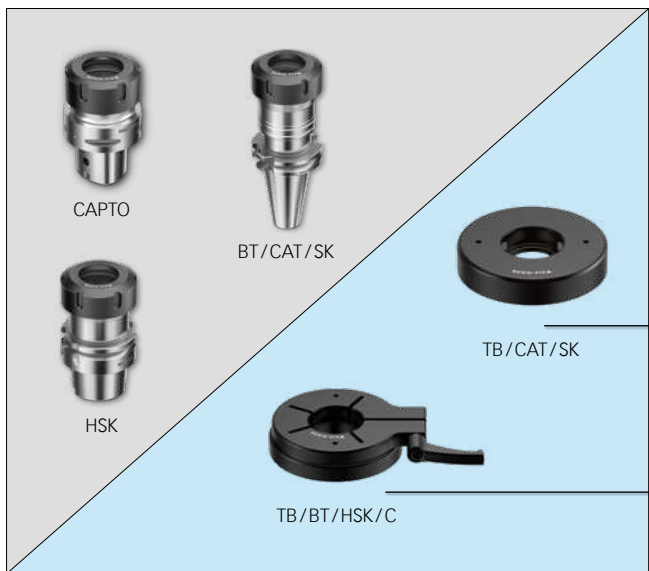
TORCO-BLOCK The only tool assembly device in the market that is comfortable to use with integrated torque measuring. Usability is given for all collet based systems and available for standard machine interfaces.

TORCO-BLOCK – Collet systems



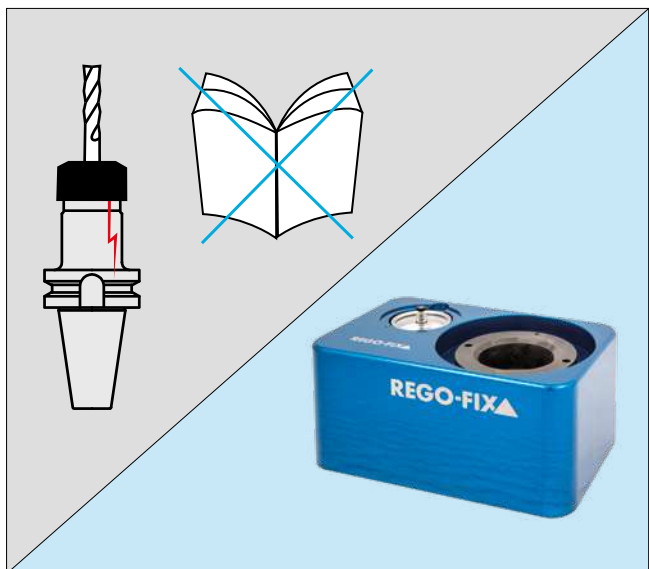
- // Correct tightening torques, per tool shank diameter and collet size
- // Measuring scale up to 150 Nm / 110 ft lb
- // TORCO-BLOCK is supplied with scale rings TB / IR
- // Also suitable for mounting pull studs
- // Mounting of powRgrip® secuRgrip® SGN nut
- ER / ERM systems
- MR micRun® systems
- Ball bearing systems
- For powRgrip® secuRgrip® SGN nut
- Torque display in Nm or ft lb

TORCO-BLOCK – Spindle interfaces



- // Easy change of tool holders and adapters
- // Available for most common spindle interfaces
- // Overhanging mounting of the TORCO-BLOCK on a workbench possible
- Tool adapters for BT / CAT / SK spindle interfaces, sizes 30 to 50
- Tool adapters for HSK + REGO-FIX CAPTO, sizes 25 to 100 and C3 to C6

TORCO-BLOCK – Advantages



- // Standard clamping spanners instead of torque wrenches and different clamping wrench heads
- // Fast clamping, as all relevant information is available on the scale rings
- // Correct clamping of the pull stud increases tool concentricity



Including set of 11 rings

TORCO-BLOCK and it's components

Type	Part no.
Tool assembly with torque measurement	

TORCO-BLOCK	7815.00000
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Included in delivery: TORCO-BLOCK and indicator ring set (no tool adapters).

Indicator ring set / 11 rings

SET TB/IR	7816.99999
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Tool adapter for CAT spindle interfaces

TB/BT 30 + CAT 30	7816.30100
TB/SK 40 + CAT 40	7816.40200
TB/CAT 50	7816.50300

Tool adapter for SK spindle interface

TB/SK 30	7816.30200
TB/SK 40 + CAT 40	7816.40200
TB/SK 50	7816.50200

Tool adapter for BT spindle interface

TB/BT 30 + CAT 30	7816.30100
TB/HSK 63 + C6 + BT 40	7816.63500
TB/HSK 100 + BT 50	7816.00500

Type	Part no.
Tool adapter for HSK + REGO-FIX CAPTO	

TB/HSK 25	7816.25500
TB/HSK 32 + C3	7816.32500
TB/HSK 40 + C4	7816.40500
TB/HSK 50 + C5	7816.50500
TB/HSK 63 + C6 + BT 40	7816.63500
TB/HSK 80 + C8	7816.80500
TB/HSK 100 + BT 50	7816.00500

REGO-FIX CAPTO – licensed by Sandvik Coromant.



REGO-FIX AG

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www.rego-fix.com