



## **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



Toolholders are always clamped correctly



No tables or torque charts needed



No electricity required



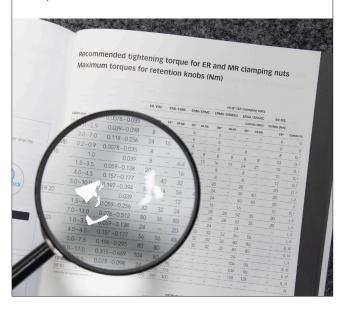
# Why should you use TORCO-BLOCK?

Safe and easy tool-clamping for all available collet systems



#### **Torque Value Charts**

Finding the right tightening torque for you 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!



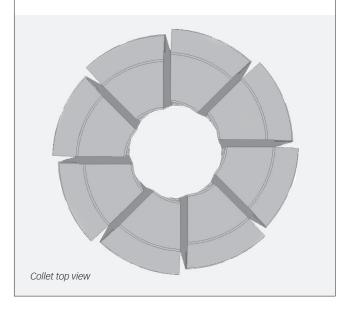
#### **Torque Wrenches**

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!



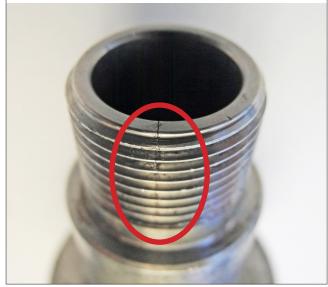
#### **ER Collet Torsion**

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!



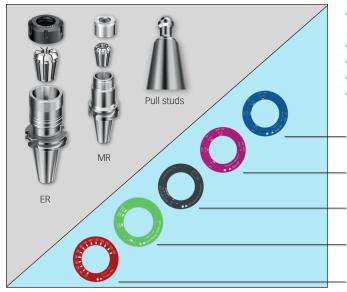
#### **Damaged Holders**

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
- // NEW: Mounting of powRgrip® secuRgrip® SGN nut

ER/ERM systems

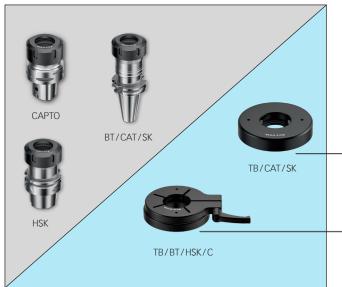
MR micRun® precision systems

Ball bearing systems

For powRgrip® secuRgrip® SGN nut

Torque in Nm or ft lb

#### **TORCO-BLOCK - Spindle interfaces**

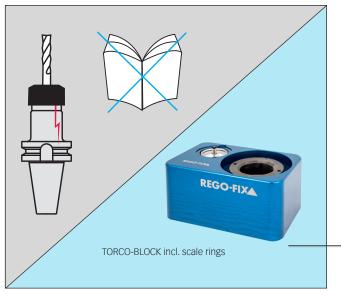


- // Easy change of tool holders and adapters
- // Available for most common spindle interfaces
- // Overhanging mounting of the TORCO-BLOCK on a workbench possible

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

Inclusive of TB/IR set

## **TORCO-BLOCK** and it's components

туре	Part IIO.
Tool assembly with torque measurement	
TORCO-BLOCK	7815.00000
Included in delivery TODGO DLOCK and indicator ring act to	a tool adaptoral

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

Indicator ring set/11 rings	
TB/IR SET	7816.99999

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	e interfaces
TB/SK 30	7816.30200
TB/SK 40 & CAT 40	7816.40200
TB/SK 50	7816.50200

Tool adapter for BT spindle i	interfaces
TB/BT 30 & CAT 30	7816.30100
TB/HSK 63 & C6 & BT 40	7816.63500
TB/HSK 100 & BT 50	7816.00500

туре	Part no.
Tool adapter for HSK & REG	O-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













