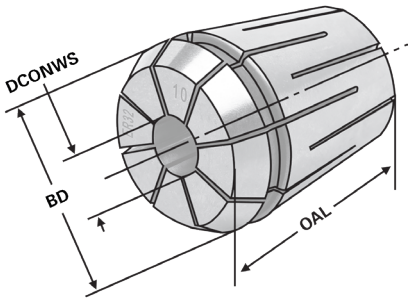
Collets steel sealed for high pressure cooling up to 120 bar | ER system
Pinces de serrage, étanche pour arrosage de haute pression 120 bar | Type ER

Verwendung:
Zur Aufnahme von Werkzeugen mit Innenkühlung und Zylinderschaft in Spannfutter DIN 6499

Application:
For mounting straight-shank tools with internal cooling in collet chucks DIN 6499

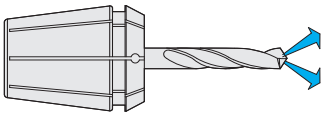
Application:
Pour le serrage des outils avec le refroidissement interne et avec queue cylindrique dans mandrins à pinces DIN 6499



ISO 15488 | ER | ≤ 15µm

13.04

Bestell-Nr. *Order no.* Référence	Größe *Size* Taille	DCONWS	BD	OAL
426EH-03	426E | ER 16	3	17	27
426EH-04	426E | ER 16	4	17	27
426EH-05	426E | ER 16	5	17	27
426EH-06	426E | ER 16	6	17	27
426EH-07	426E | ER 16	7	17	27
426EH-08	426E | ER 16	8	17	27
426EH-09	426E | ER 16	9	17	27
426EH-10	426E | ER 16	10	17	27



Hinweis: Nur das Nennmaß DCONWS kann gespannt werden (einsetzbar bis 120 bar). Um eine optimale Abdichtung zu erreichen, muss das zu spannende Werkzeug auf der ganzen Länge der geschliffenen Bohrung der Spannzange eingespannt werden.

Note: *Only nominal size DCONWS can be clamped (applicable up to 120 bar). In order to achieve an optimum sealing the tool must be clamped on the complete length of the ground drill of the collet.*

Observation: Seulement la dimension nominale DCONWS peut être tendu (peut être utilisé jusqu'à 120 bar). Afin d'obtenir un étanchéité optimal l'outil doit être serré sur la longueur complète de l'alésage rectifié de la pince.

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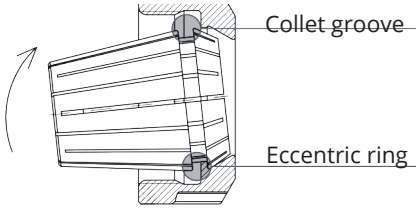
Assembling instructions:

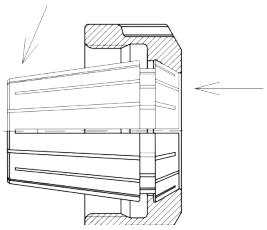
Insert groove of collet into eccentric ring of the clamping nut at the mark on the bottom of the nut. Push collet in the direction of the arrow until it clicks in place. Screw nut with collet onto toolholder. We recommend to tighten the nut with a torque wrench.



Disassembling instructions:

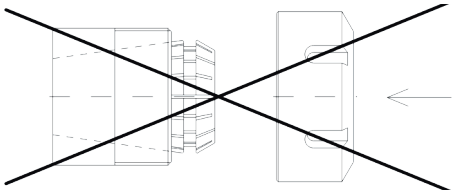
After the nut is unscrewed from the toolholder, press on the face of the collet while simultaneously pushing sideways on the back of the collet until it disengages from the clamping nut.

Improper assembly can permanently destroy the concentricity of the collet and may result in a damaged clamping nut.



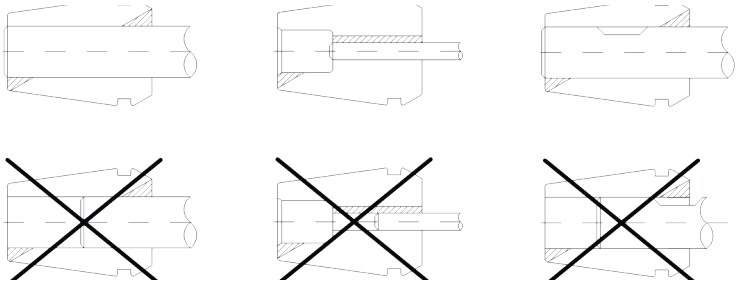
Note:

Only mount nuts with correctly inserted collets! Never place the collet into the holder without first assembling it into the nut.



Never clamp oversize tool shanks!
e.g. never use a Ø 12–11 mm collet to clamp a Ø 12.2 mm shank. Rather use the next bigger collet (here Ø 13–12 mm collet).

Insert tool the full length of the collet for best results if possible. However, never insert tool less than 2/3 of the collet bore length. Improper tool insertion can permanently deform the collet and will result in poor runout.



Maximum torque

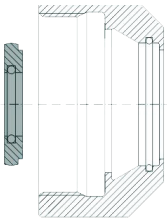
ER 16	M22 × 1,5	50 Nm
ER 20	M25 × 1,5	75 Nm
ER 25	M32 × 1,5	85 Nm
ER 32	M40 × 1,5	105 Nm
ER 40	M50 × 1,5	150 Nm

ER 11 Mini	M13 × 0,75	18 Nm
ER 16 Mini	M19 × 1	28 Nm

Please observe the maximum torque indicated in the chart!

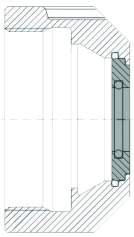
Assembly

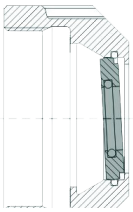
Insert the small diameter of the disc into the centre of the coolant nut and apply even pressure until the disc is properly seated into the nut. The disc must be flush with the outside of the nut.

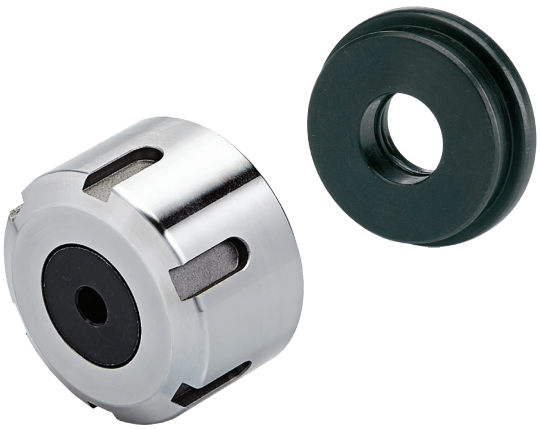


Removal

To remove the disc, simply press on the outside of the disc evenly, until it snaps out.







Example: **40 3.02 .20.1**