

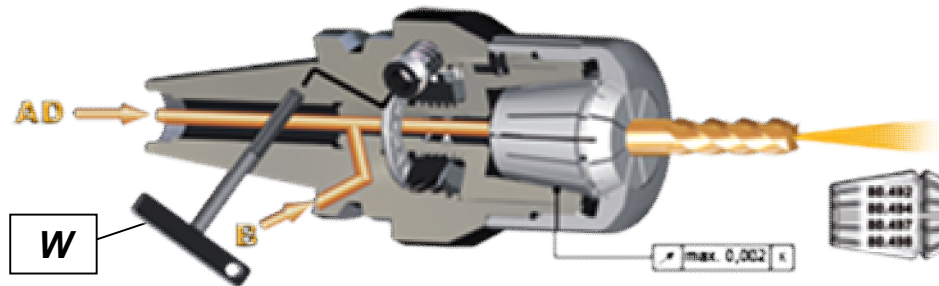
M457 COLLET CHUCK WITH A HIGH FASTENING FORCE

M457 Collet Chuck is actually the best alternative to the strain and hydraulic systems. By means of mechanical systems there is obtained an axial displacement of the drill against the nut by eliminating the radial and torsion stress supported by the drills in the major part of the Drill Chucks found in the Market.



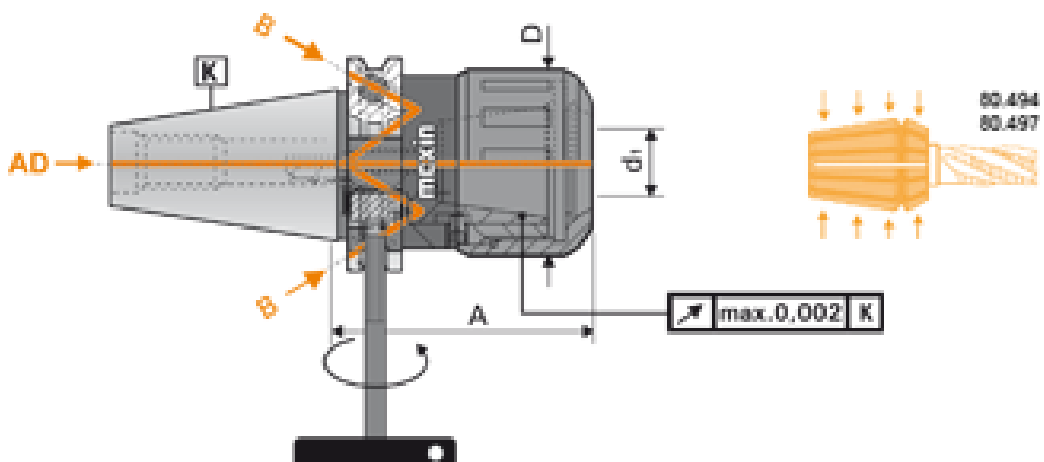
Advantages:

1. No more radial and torsion stress of the drills
2. High clamping force of the tool >300Nm in a 20mmØ with a tightening torque of 12Nm at the wrench.
3. Bigger stability, due to the reduction of its volume as a result of its design.
4. Accuracy of tool fastening is high, maximum run-out of conical hollow for collet is 0,002mm.
5. Provides internal coolant passing through in both AD+B forms.



Recommendation:

1. When using a tool with internal cooling, use then a ref. 80.497 collet (sealed).
2. For tool fastening is suitable to use torque wrench (Tightening torque 12 Nm on key leads to fastening 70 Nm on the tool).



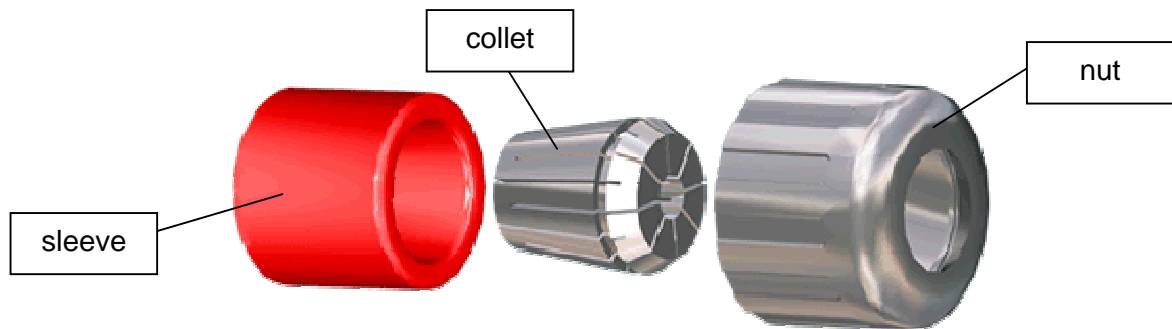
Using of the sleeve for putting and pulling out collets:

PUT THE COLLET INTO THE NUT

1. Put the collet into the Sleeve
2. Put the assembly into the nut and by using both hands strongly push it until hearing a „click“. Then the Collet and the Nut are ready for being assembled into the Collet Chuck and mounting the tool.

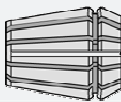

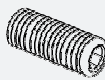




RELEASE THE COLLET FROM THE NUT



1. Put the Sleeve into the Nut tightening them against the Collet
2. Pull the Collet out until it will be released.



Delivery:

Collet chuck is delivered with shank ISO40 and ISO50 DIN 69871 AD+B and there are used for fastening collets ER according to DIN6499. Technical parameters are in following table.

Ref. 13.457	K ISO		d1 mm	A mm	D mm				
13.457.40.20	40	ER 32	2-20	74	54	80.457.20	89.190.19	89.206.04	
13.457.50.20	50	ER 32	2-20	89	54	80.457.20	89.190.19	89.206.04	
13.457.50.30		ER 40	3-30	101	65	80.457.30	89.190.41	89.206.06	

PŘEDVYVÁŽENO PRE-BALANCED		8.000 rpm	G 6.3
		6.000 rpm	

Our further products you find on <http://www.narexmte.cz>.



NAREX MTE s.r.o., Moskevská 63, CZ-10100
 Praha 10, Czech Republic
 Tel: +420 246 002 249, 246 002 321, 246 002 333
 Fax: +420 246 002 335, 246 002 343
 E-mail: obchod@narexmte.cz

