



Zero Nuts

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Zero Nut: The Universal Secret Weapon for High-Precision Machining

The Zero Nut is more than just a standard collet nut. Equipped with six precision adjustment screws, it allows for easy and rapid correction of runout errors and misalignment. Even with extended tool overhang, it provides stable control over accuracy, significantly enhancing the machining stability of reamers, drills, and end mills. By achieving maximum process capability, it not only ensures the highest quality of bores but also effectively extends tool life and reduces costs. It is the ultimate solution for achieving "Zero Runout" in modern manufacturing.

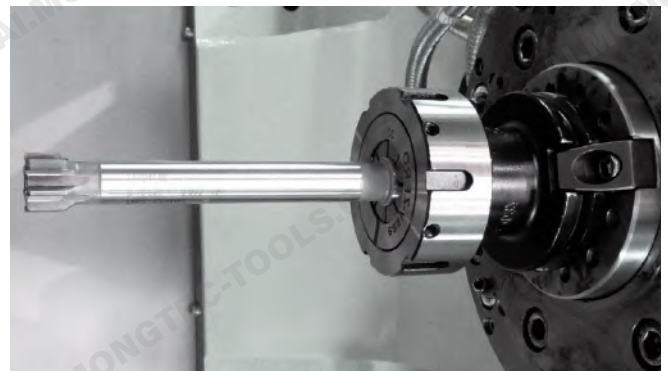
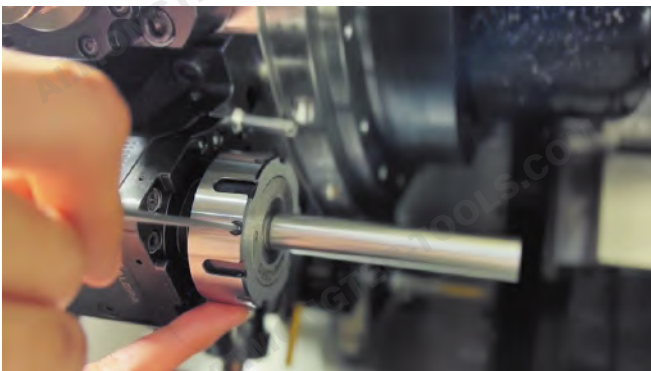
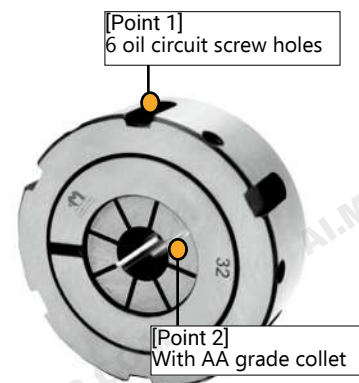
Available Sizes: ER16, ER20, ER25, ER32, ER40

[Point 1] Micron-Level Tuning

Equipped with six precision adjustment screws to compensate for spindle or holder misalignment, achieving a target runout accuracy of 0.002mm.

[Point 2] High-End System Integration

Engineered for seamless compatibility with ultra-precision AA-grade collets, ensuring balanced clamping force and consistent concentricity during high-speed rotation.



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Artikel Nr. Article no.	Abmessungen Dimensions		
	A	b	c
ER16	34	20	M22x1.5
ER20	42	20	M25x1.5
ER25	50	22	M32x1.5
ER32	63	23	M40x1.5
ER40	79	28	M50x1.5

Steps for usage



STEP 1

Loosen and adjust the screws first.



STEP 2

Lock the cutting tool first, and then lock the side adjustment screw.



STEP 3

Measure the current runout accuracy of the tool that needs to be zeroed.



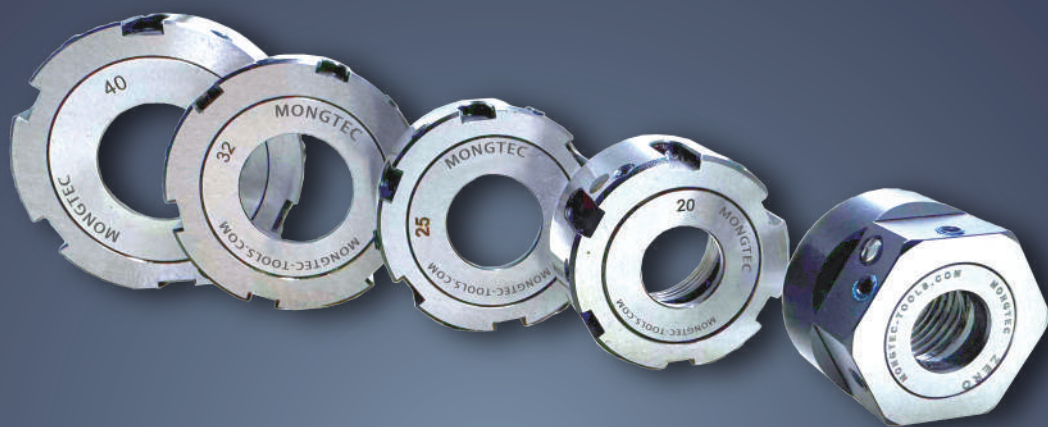
STEP 4

Adjust the runout accuracy of the tool by adjusting the side screw until the desired accuracy is achieved.



STEP 5

Done.



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