



TECHNIKS CERTIFIED COLLETS & NUTS

QUALITY & PERFORMANCE GUARANTEED

FULL LINE OF ER COLLETS

MADE FROM HIGH-CARBON BEARING STEEL AND HEAT-TREATED FOR IMPROVED FLEXIBILITY AND LONGER LIFE.



Inch & Metric

Sealed Coolant

Steel Sealed Coolant

Rigid Tap Collet

Quick-Change Tap Collet

Floating Tap Collet



"Dead Nuts Accurate"
DNA ER Collets



TG75, TG100,
TG150



SYOZ / EOC
Perske



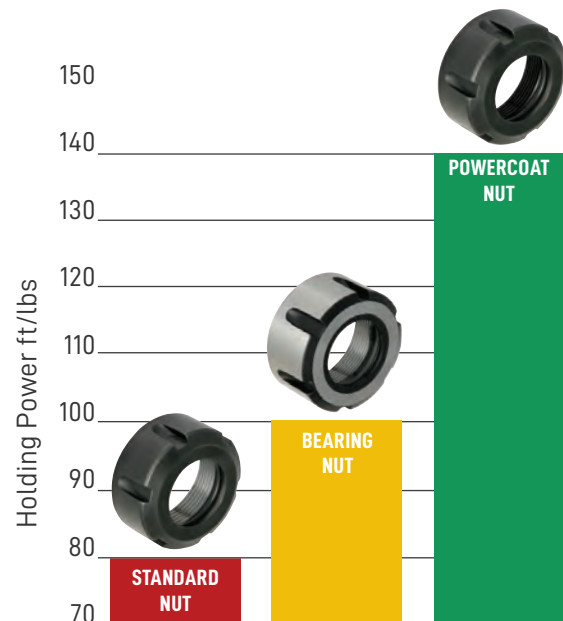
DA Double
Angle

POWERCOAT NUTS



PowerCOAT nut reduces friction so it can increase holding power by 75% compared to standard nuts.

HOLDING POWER TESTING – FT/LBS



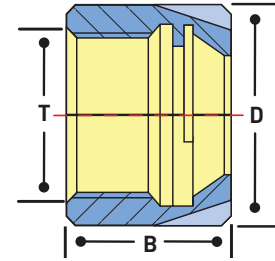
ER POWERCOAT NUTS AND COOLANT NUTS



FEATURES

- Balanced to 25,000 RPM
- Increases holding power by 75%
- Better rigidity and less T.I.R. (runout)

For best performance use a torque wrench and tighten nut to proper torque specification. Snap collet into nut before assembly.



POWERCOAT ER COLLET NUTS

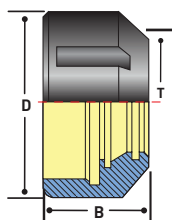
Part No.	Description	D	B	T	Wrench	Torque Specs.
41111	ER11 PowerCOAT hex nut	19mm	12mm	M14 x 0.75	04608	17 ft./lbs.
41116	ER16 PowerCOAT hex nut	27.5mm	18mm	M22 x 1.5	04609	42 ft./lbs.
41120	ER20 PowerCOAT hex nut	34mm	19mm	M25 x 1.5	04610	59 ft./lbs.
41916	ER16 PowerCOAT slot nut	32mm	18mm	M22 x 1.5	04613	42 ft./lbs.
41920	ER20 PowerCOAT slot nut	35mm	19.5mm	M25 x 1.5	04614	59 ft./lbs.
41925	ER25 PowerCOAT slot nut	42mm	21mm	M32 x 1.5	04615	77 ft./lbs.
41925-L	ER25 PowerCOAT slot nut L	42mm	21mm	M32 x 1.5	04615	77 ft./lbs.
41932	ER32 PowerCOAT slot nut	50mm	23mm	M40 x 1.5	04616	100 ft./lbs.
41940	ER40 PowerCOAT slot nut	63mm	26mm	M50 x 1.5	04617	130 ft./lbs.
41950	ER50 PowerCOAT slot nut	78mm	35mm	M64 x 2.0	04618	130 ft./lbs.

L = Left threaded

POWERCOAT ULTRA HIGH-SPEED ER NUTS **BALANCED UP TO 70,000 RPM**

Part No.	Description	D	B	T	Wrench	Torque Specs.
46111	ER11 high speed hex nut	19mm	11.8mm	M14 x 0.75	04608	17 ft./lbs.
46116	ER16 high speed slot nut	27.5mm	18.0mm	M22 x 1.5	04613	42 ft./lbs.
46120	ER20 high speed slot nut	35mm	19.5mm	M25 x 1.5	04614	59 ft./lbs.
46125	ER25 high speed slot nut	42mm	20.5mm	M32 x 1.5	04615	77 ft./lbs.
46132	ER32 high speed slot nut	50mm	23.0mm	M40 x 1.5	04616	100 ft./lbs.
46140	ER40 high speed slot nut	63mm	26.0mm	M50 x 1.5	04617	130 ft./lbs.

POWERCOAT ER COOLANT NUTS **SEALS UP TO 1,500 P.S.I.**

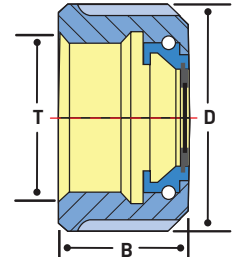


Part No.	Description	D	B	T	Wrench	Torque Specs.
41616	ER16 coolant slot nut	32	22.5	M22x1.5	04613	42 ft./lbs.
41620	ER20 coolant slot nut	35	24	M25x1.5	04614	59 ft./lbs.
41625	ER25 coolant slot nut	42	25	M32x1.5	04615	77 ft./lbs.
41632	ER32 coolant slot nut	50	27.5	M40x1.5	04616	100 ft./lbs.
41640	ER40 coolant slot nut	63	30.7	M50x1.5	04617	130 ft./lbs.



FEATURES

- Increases holding power by 75%
- High speed nuts balanced to 25,000 RPM
- For minimum nose O.D. applications



ER POWERCOAT HIGH SPEED MINI NUTS **BALANCED TO 25,000 RPM AT G2.5**

Part No.	Description	D	B	T	Wrench	Torque Specs
33108	ER8 high speed mini nut	12mm	11mm	M10 x 0.75	04620	10 ft./lbs.
33111	ER11 high speed mini nut	16mm	12mm	M13 x 0.75	04621	12 ft./lbs.
53116	ER16 high speed mini nut	22mm	18mm	M19 x 1.0	04622	20 ft./lbs.
33120	ER20 high speed mini nut	28mm	19.5mm	M24 x 1.0	04623	22 ft./lbs.
33125	ER25 high speed mini nut	35mm	21mm	M30 x 1.0	04624	28 ft./lbs.
33125-L	ER25 high speed left-hand mini nut	35mm	21mm	M30 x 1.0	04624	38 ft./lbs.

ER POWERCOAT MINI NUTS **BALANCED TO 10,000 RPM AT G2.5**

Part No.	Description	D	B	T	Wrench	Torque Specs.
23108	ER8 mini nut	12mm	11mm	M10 x 0.75	04620	10 ft./lbs.
23111	ER11 mini nut	16mm	12mm	M13 x 0.75	04621	12 ft./lbs.
23116	ER16 mini nut	22mm	18mm	M19 x 1.0	04622	20 ft./lbs.
23120	ER20 mini nut	28mm	19.5mm	M24 x 1.0	04623	22 ft./lbs.
23125	ER25 mini nut	35mm	21mm	M30 x 1.0	04624	28 ft./lbs.



Coolant Style Mini nut uses ER coolant rings

ER POWERCOAT MINI COOLANT NUTS **BALANCED TO 10,000 RPM AT G2.5**

Part No.	Description	Ring	D	B	T	Wrench	Torque Specs.
23616	ER16 mini coolant nut	ER16	22mm	24mm	M19 x 1.0	04622	20 ft./lbs.
23620	ER20 mini coolant nut	ER20	28mm	24mm	M24 x 1.0	04623	22 ft./lbs.
23625	ER25 mini coolant nut	ER25	35mm	26.5mm	M30 x 1.0	04624	28 ft./lbs.

WRENCHES FOR COLLET NUTS



DNA slotted wrench



ER / TG slotted wrench



ER hex wrench



ER mini wrench



TG hook wrench

Correct torque on the collet nut reduces collet wear and improves safety by properly securing cutting tool in the holder. Use the torque chart on page 72 for tightening collet nuts. Do not overtighten nuts or you may damage the collet and/or toolholder.

DNA SLOTTED WRENCHES

Part No.	Description
DNA11W	DNA11 Wrench
DNA16W	DNA16 Wrench
DNA20W	DNA20 Wrench
DNA32W	DNA32 Wrench
894-22	DNA 16 Mini-Nut Wrench

ER HEX NUT WRENCHES

Part No.	Description
894-36	ER32 SuperRIGID Hex Nut Wrench
04608	ER11 Hex Nut Wrench
04609	ER16 Hex Nut Wrench
04610	ER20 Hex Nut Wrench

ER SLOTTED NUT WRENCHES

Part No.	Description
04613	ER16 Slotted Nut Wrench
04614	ER20 Slotted Nut Wrench
04615	ER25 Slotted Nut Wrench
04616	ER32 Slotted Nut Wrench
04617	ER40 Slotted Nut Wrench
04618	ER50 Slotted Nut Wrench

ER MINI NUT WRENCHES

Part No.	Description
04620	ER8 Mini Nut Wrench
04621	ER11 Mini Nut Wrench
04622	ER16 Mini Nut Wrench
04623	ER20 Mini Nut Wrench
04624	ER25 Mini Nut Wrench

TG & SYOZ WRENCHES

Part No.	Description
04018	TG75 Slotted Nut Wrench
83691	TG100/SYOZ 25 Hook Wrench
22220	SYOZ 20 Hook Wrench

MILLING CHUCK AND DRILL CHUCK WRENCHES

Part No.	Description
83691	1" Milling Chuck Wrench
84193G	1-1/4" Milling Chuck Wrench
82172	Drill Chuck Wrench

ADJUSTABLE TORQUE WRENCHES & COLLET KEY ADAPTERS



Set adjustable dial to specified torque, and tighten nut until wrench "clicks".



Improved "pull-release" locking system makes locking wrench at correct torque more secure.

TORQUE WRENCH FEATURES

- Factory calibrated and certified accuracy +/- 3%
- Easy read dial for fast adjustments to torque value
- Improved locking system for a more secure lock

ADJUSTABLE TORQUE WRENCH

Part No.	Range	Length	Weight	Spigot
50TH	7.5-37.5 ft/lbs	12.5"	1.4 lbs	16mm round
200TH	30-150 ft/lbs	16.5"	1.75 lbs	16mm round
300TH	45-228 ft/lbs	21.5"	2.5 lbs	16mm round



ER Mini



TG Hook



DNA Slotted



ER Hex



ER Slotted



ER Slotted Enclosed

ER MINI-NUT KEY ADAPTERS

Part No.	Size	Type	Torque
04576	ER11 mini	mini	12 ft/lbs
04577	ER16 mini	mini	20 ft/lbs
04578	ER20 mini	mini	22 ft/lbs
04587	ER25 mini	mini	28 ft/lbs

ER HEX NUT KEY ADAPTERS

Part No.	Size	Type	Torque
04581	ER11 hex	hex	12 ft/lbs
04601-16	ER16 hex	hex	42 ft/lbs
04602-20	ER20 hex	hex	59 ft/lbs

TG AND SYOZ NUTS KEY ADAPTERS

Part No.	Size	Type	Torque
04018-TWA	TG 75, 45-50mm	hook	90 ft/lbs
03690-25	TG 100/SYOZ25, 55-60mm	hook	90 ft/lbs
04593	SYOZ-20	hook	40 ft/lbs

ER SLOTTED NUT KEY ADAPTERS

Part No.	Size	Type	Torque
04581	DNA 11	hex	12 ft/lbs
DNA16TWA	DNA 16	slotted	42 ft/lbs
DNA20TWA	DNA 20	slotted	59 ft/lbs
DNA32TWA	DNA 32	slotted	100 ft/lbs
04588-R	ER 32 Enclosed	slotted	100 ft/lbs
04580-16	ER16 slotted	slotted	42 ft/lbs
04580-20	ER20 slotted	slotted	59 ft/lbs
04603-25	ER25 slotted	slotted	77 ft/lbs
04604-32	ER32 slotted	slotted	100 ft/lbs
04605-40	ER40 slotted	slotted	130 ft/lbs

RETENTION KNOB SOCKETS SQUARE DRIVE



Part No.	Size	Flats	Drive	Torque
PSS-30BT	BT30	.535"	3/8"	36 ft/lbs
PSS-30ISO	ISO 30	.535"	3/8"	36 ft/lbs
PSS-40	All 40 taper	.750"	3/8"	76 ft/lbs
PSC-50	CAT50, BT50	1.187"	1/2"	100 ft/lbs

FIXED HEAD SQUARE DRIVES

Part No.	Description	Drive
29828	3/8" square drive	3/8"
29827	1/2" square drive	1/2"

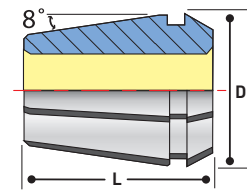


COLLET I.D. GUIDE AND SPECIAL ORDERS



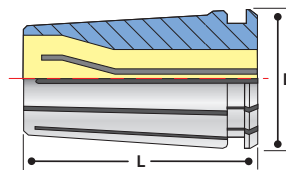
Use the guide below for selecting replacement collets. The best way to tell what type of collet you have is to measure the length of the collet. Collets all have unique measurements. For best results always use a PowerCOAT nut tightened to proper specification using an accurate torque wrench.

ER Collet	L	D	Torque Spec
ER8	13mm (.51")	8.5mm (.33")	-
ER11	18mm (.708")	11.5mm (.45")	17 ft/lbs
ER16	27.5mm (1.08")	17mm (.67")	42 ft/lbs
ER20	31.5mm (1.24")	21mm (.83")	59 ft/lbs
ER25	34mm (1.34")	26mm (1.02")	77 ft/lbs
ER32	40mm (1.57")	33mm (1.3")	100 ft/lbs
ER40	46mm (1.81")	41mm (1.61")	130 ft/lbs
ER50	60mm (2.36")	52mm (2.05")	130 ft/lbs



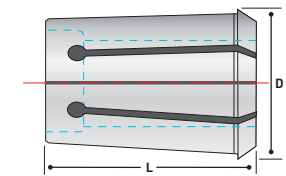
ER Collet Style

TG Collet	L	D	Torque Spec
TG75	47mm (1.85")	27mm (1.06")	90 ft/lbs
TG100	60mm (2.36")	35mm (1.38")	90 ft/lbs
TG150	76mm (3")	51mm (2")	110 ft/lbs



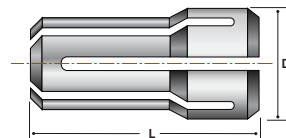
TG Collet Style

SYOZ / EOC Collet	L	D
EOC8	26mm (1.026")	14.4mm (.567")
SYOZ20	34mm (1.34")	20mm (.78")
RDO 20	34mm (1.34")	20mm (.78")
407E	34mm (1.34")	20mm (.78")
EOC 12	34mm (1.34")	20mm (.78")
SYOZ25	52mm (2.06")	35mm (1.38")
RDO 35	52mm (2.06")	35mm (1.38")
462E / SYOZ25	52mm (2.06")	35mm (1.38")
EOC 32	60mm (2.36")	43.7mm (1.72")



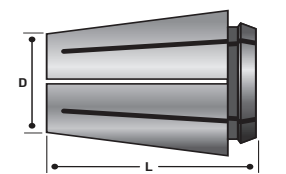
SYOZ Collet Style

DA Collet	L	D
DA180	1.625"	1.035"
DA100	1.438"	.769"
DA200	1.188"	.531"
DA300	1.000"	.375"



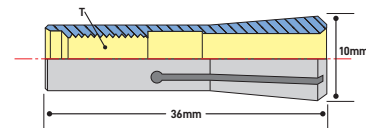
DA Collet Style

DNA Collet	L	D
DNA 11	16.9mm (0.67")	11.5mm (0.45")
DNA 16	24mm (0.94")	17mm (0.67")
DNA 20	30.42mm (1.20")	21.10mm (0.83")
DNA 32	40mm (1.57")	33.25mm (1.31")



DNA Collet Style

SlimFIT Collet	T	Torque Spec
SBL6	M6 x 1.0P	9 ft/lbs
SBL12	M10 x 1.5P	44 ft/lbs
SBL20	M12 x 1.75P	74 ft/lbs



SlimFIT Collet Style

SPECIAL ORDER COLLETS – CALL US FOR ASSISTANCE

Length _____ Diameter _____ Other Markings _____