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



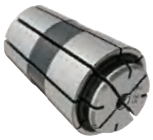
Rigid Tap Collet



Quick-Change Tap Collet



Floating Tap Collet



"Dead Nuts Accurate" DNA ER Collets



TG75, TG100, TG150



SYOZ / EOC Perske



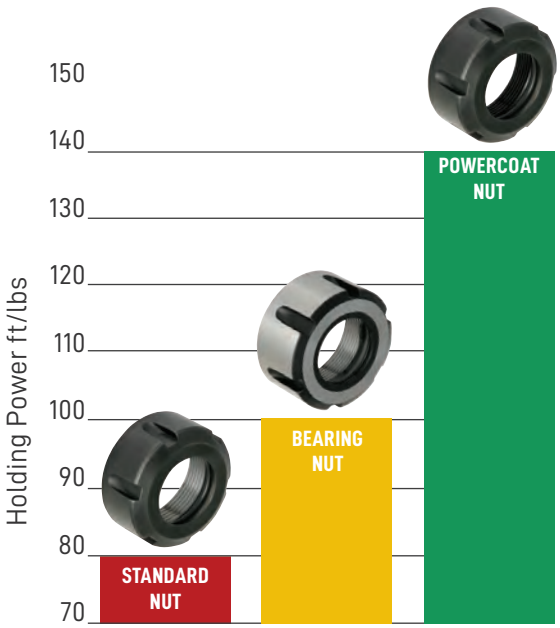
DA Double Angle

POWERCOAT NUTS



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

HOLDING POWER TESTING – FT/LBS



ER COLLETS - INCH

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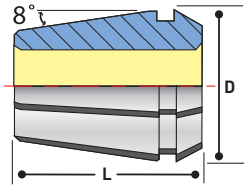
FEATURES

- Average .0002" T.I.R.
- Collapse range: .039"
- Compatible with DR, RD, ESX, AR, & BR series collets.



DIMENSIONS

Use this table for selecting your replacement collets. ER collets all have unique length and diameter measurements.



ER Size	L	D
ER8	13mm (.51")	8.5mm (.33")
ER11	18mm (.708")	11.5mm (.45")
ER16	27.5mm (1.08")	17mm (.67")
ER20	31.5mm (1.24")	21mm (.83")
ER25	34mm (1.34")	26mm (1.02")
ER32	40mm (1.57")	33mm (1.3")
ER40	46mm (1.81")	41mm (1.61")
ER50	60 mm (2.36")	52mm (2.05")

ER COLLET SETS INCH

Part No.	Size	Pcs.	Collets Included	Fits Shank Sizes
04208IS	ER11	7	1/16 – 1/4" by 32nds	1/32 - 1/4"
04209IS	ER16	10	3/32 – 3/8" by 32nds	1/16 - 3/8"
04210IS	ER20	12	5/32 – 1/2" by 32nds	1/8 - 1/2"
04211IS	ER25	16	5/32 – 5/8" by 32nds	1/8 - 5/8"
04212IS	ER32	18	7/32 – 3/4" by 32nds	3/16 - 3/4"
04213IS	ER40	13	1/8 – 1.0" by 16ths	1/8 - 1.0"

NOTE: ER40 collet set does not include 13/16 and 15/16 size collets.

ER8 COLLETS INCH

Part No.	Collapse Range	Shank
04208-1/16	.043 – .062"	1/16"
04208-1/8	.086 – .125"	1/8"
04208-3/16	.148 – .187"	3/16"

ER11 COLLETS INCH

Part No.	Collapse Range	Shank
04211-1/16	.043 – .062"	1/16"
04211-3/32	.054 – .093"	3/32"
04211-1/8	.086 – .125"	1/8"
04211-5/32	.117 – .156"	5/32"
04211-3/16	.148 – .187"	3/16"
04211-7/32	.179 – .218"	7/32"
04211-1/4	.211 – .250"	1/4"
04211-9/32	.242 – .281"	9/32"

ER16 COLLETS INCH

Part No.	Collapse Range	Shank
04216-1/16	.043 – .062"	1/16"
04216-3/32	.054 – .093"	3/32"
04216-1/8	.086 – .125"	1/8"
04216-5/32	.117 – .156"	5/32"
04216-3/16	.148 – .187"	3/16"
04216-7/32	.179 – .218"	7/32"
04216-1/4	.211 – .250"	1/4"
04216-9/32	.242 – .281"	9/32"
04216-5/16	.273 – .312"	5/16"
04216-11/32	.304 – .343"	11/32"
04216-3/8	.336 – .375"	3/8"
04216-13/32	.367 – .406"	13/32"

ER20 COLLETS INCH

Part No.	Collapse Range	Shank
04220-1/16	.043 – .062"	1/16"
04220-3/32	.054 – .093"	3/32"
04220-1/8	.086 – .125"	1/8"
04220-5/32	.117 – .156"	5/32"
04220-3/16	.148 – .187"	3/16"
04220-7/32	.179 – .218"	7/32"
04220-1/4	.211 – .250"	1/4"
04220-9/32	.242 – .281"	9/32"
04220-5/16	.273 – .312"	5/16"
04220-11/32	.304 – .343"	11/32"
04220-3/8	.336 – .375"	3/8"
04220-13/32	.367 – .406"	13/32"
04220-7/16	.398 – .437"	7/16"
04220-15/32	.429 – .468"	15/32"
04220-1/2	.461 – .500"	1/2"

ER25 COLLETS INCH

Part No.	Inch Range	Shank
04225-3/32	.054 – .093"	3/32"
04225-1/8	.086 – .125"	1/8"
04225-5/32	.117 – .156"	5/32"
04225-3/16	.148 – .187"	3/16"
04225-7/32	.179 – .218"	7/32"
04225-1/4	.211 – .250"	1/4"
04225-9/32	.242 – .281"	9/32"
04225-5/16	.273 – .312"	5/16"
04225-11/32	.304 – .343"	11/32"
04225-3/8	.336 – .375"	3/8"
04225-13/32	.367 – .406"	13/32"
04225-7/16	.398 – .437"	7/16"
04225-15/32	.429 – .468"	15/32"
04225-1/2	.461 – .500"	1/2"
04225-17/32	.492 – .531"	17/32"
04225-9/16	.523 – .562"	9/16"
04225-19/32	.554 – .593"	19/32"
04225-5/8	.586 – .625"	5/8"
04225-3/4	.711 – .750"	3/4"

ER32 COLLETS INCH

Part No.	Inch Range	Shank
04232-1/16	.043 – .062"	1/16"
04232-3/32	.054 – .093"	3/32"
04232-1/8	.086 – .125"	1/8"
04232-5/32	.117 – .156"	5/32"
04232-3/16	.148 – .187"	3/16"
04232-7/32	.179 – .218"	7/32"
04232-1/4	.211 – .250"	1/4"
04232-9/32	.242 – .281"	9/32"
04232-5/16	.273 – .312"	5/16"
04232-11/32	.304 – .343"	11/32"
04232-3/8	.336 – .375"	3/8"
04232-13/32	.367 – .406"	13/32"
04232-7/16	.398 – .437"	7/16"
04232-15/32	.429 – .468"	15/32"
04232-1/2	.461 – .500"	1/2"
04232-17/32	.492 – .531"	17/32"
04232-9/16	.523 – .562"	9/16"
04232-19/32	.554 – .593"	19/32"
04232-5/8	.586 – .625"	5/8"
04232-21/32	.617 – .656"	21/32"
04232-11/16	.648 – .687"	11/16"
04232-23/32	.679 – .718"	23/32"
04232-3/4	.711 – .750"	3/4"

ER40 COLLETS INCH

Part No.	Inch Range	Shank
04240-1/8	.086 – .125"	1/8"
04240-5/32	.117 – .156"	5/32"
04240-3/16	.148 – .187"	3/16"
04240-7/32	.179 – .218"	7/32"
04240-1/4	.211 – .250"	1/4"
04240-9/32	.242 – .281"	9/32"
04240-5/16	.273 – .312"	5/16"
04240-11/32	.304 – .343"	11/32"
04240-3/8	.336 – .375"	3/8"
04240-13/32	.367 – .406"	13/32"
04240-7/16	.398 – .437"	7/16"
04240-15/32	.429 – .468"	15/32"
04240-1/2	.461 – .500"	1/2"
04240-17/32	.492 – .531"	17/32"
04240-9/16	.523 – .562"	9/16"
04240-19/32	.554 – .593"	19/32"
04240-5/8	.586 – .625"	5/8"
04240-21/32	.617 – .656"	21/32"
04240-11/16	.648 – .687"	11/16"
04240-23/32	.679 – .718"	23/32"
04240-3/4	.711 – .750"	3/4"
04240-25/32	.742 – .781"	25/32"
04240-13/16	.773 – .812"	13/16"
04240-27/32	.807 – .843"	27/32"
04240-7/8	.836 – .875"	7/8"
04240-29/32	.867 – .906"	29/32"
04240-15/16	898 – .937"	15/16"
04240-31/32	.929 – .968"	31/32"
04240-1	.961 – 1.00"	1.0"

ER50 COLLETS INCH

Part No.	Inch Range	Shank
04250-1/2	.461 – .500"	1/2"
04250-5/8	.586 – .625"	5/8"
04250-3/4	.711 – .750"	3/4"
04250-7/8	.836 – .875"	7/8"
04250-1	.961 – 1.00"	1.0"
04250-1-1/4	1.211 – 1.250	1-1/4"

TRY TECHNIKS DEAD NUTS ACCURATE DNA COLLETS & NUTS SYSTEM

For shank sizes 1/8" (3mm) or smaller use our DNA (dead nuts accurate) collet for improved results.

See page 48.



ER COLLETS - METRIC

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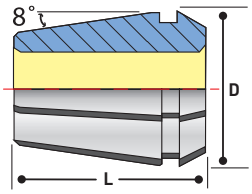
FEATURES

- Average .0002" T.I.R.
- Clamping range: .039"
- Compatible with DR, RD, ESX, AR, & BR series collets.



DIMENSIONS

Use this table for selecting your replacement collets. ER collets all have unique length and diameter measurements.



ER Size	L	D
ER8	13mm (.51")	8.5mm (.33")
ER11	18mm (.708")	11.5mm (.45")
ER16	27.5mm (1.08")	17mm (.67")
ER20	31.5mm (1.24")	21mm (.83")
ER25	34mm (1.34")	26mm (1.02")
ER32	40mm (1.57")	33mm (1.3")
ER40	46mm (1.81")	41mm (1.61")
ER50	60 mm (2.36")	52mm (2.05")

COLLET SETS METRIC

Part No.	Size	Pcs.	Collets Included	Fits Shank Sizes
04200MS	ER8	9	1 - 5mm by 0.5mm	.5 – 5mm
04201MS	ER11	13	1 - 7mm by 0.5mm	.5 – 7mm
04202MS	ER16	10	1 - 10mm by 1mm	.5 – 10mm
04203MS	ER20	12	2 - 13mm by 1mm	1.0 – 13mm
04204MS	ER25	15	2 - 16mm by 1mm	1.0 – 16mm
04205MS	ER32	18	3 - 20mm by 1mm	2 – 20mm
04206MS	ER40	23	4 - 26mm by 1mm	3 – 26mm
04207MS	ER50	17	6 - 34mm by 2 mm	5 – 34mm

ER8 COLLETS METRIC

Part No.	Inch Range	Shank
04208-01.0	.019 – .039"	0.5 – 1.0
04208-01.5	.039 – .059"	1.0 – 1.5
04208-02.0	.059 – .079"	1.5 – 2.0
04208-02.5	.079 – .098"	2.0 – 2.5
04208-03.0	.098 – .118"	2.5 – 3.0
04208-03.5	.118 – .138"	3.0 – 3.5
04208-04.0	.138 – .157"	3.5 – 4.0
04208-04.5	.157 – .177"	4.0 – 4.5
04208-05.0	.177 – .197"	4.5 – 5.0

ER11 COLLETS METRIC

Part No.	Inch Range	Shank
04211-01.0	.019 – .039"	0.5 – 1.0
04211-01.5	.039 – .059"	1.0 – 1.5
04211-02.0	.059 – .079"	1.5 – 2.0
04211-02.5	.079 – .098"	2.0 – 2.5
04211-03.0	.098 – .118"	2.5 – 3.0
04211-03.5	.118 – .138"	3.0 – 3.5
04211-04.0	.138 – .157"	3.5 – 4.0
04211-04.5	.157 – .177"	4.0 – 4.5
04211-05.0	.177 – .197"	4.5 – 5.0
04211-05.5	.197 – .217"	5.0 – 5.5
04211-06.0	.217 – .236"	5.5 – 6.0
04211-06.5	.236 – .256"	6.0 – 6.5
04211-07.0	.256 – .276"	6.5 – 7.0

ER16 COLLETS METRIC

Part No.	Inch Range	Shank
04216-01	.019 – .039"	0.5–1.0
04216-01.5	.039 – .059"	1.0–1.5
04216-02	.039 – .079"	1.5–2.0
04216-02.5	.059 – .098"	1.5–2.5
04216-03	.079 – .118"	2.0–3.0
04216-03.5	.098 – .137"	2.5–3.5
04216-04	.118 – .157"	3.0–4.0
04216-04.5	.137 – .177"	3.5–4.5
04216-05	.157 – .197"	4.0–5.0
04216-05.5	.177 – .216"	4.5–5.5
04216-06	.197 – .236"	5.0–6.0
04216-06.5	.216 – .255"	5.5–6.5
04216-07	.236 – .276"	6.0–7.0
04216-07.5	.255 – .295"	6.5–7.5
04216-08	.276 – .315"	7.0–8.0
04216-08.5	.295 – .334"	7.5–8.5
04216-09	.315 – .354"	8.0–9.0
04216-09.5	.334 – .374"	8.5–9.5
04216-10	.354 – .394"	9.0–10.0
04216-10.5	.374 – .413"	9.5–10.5

ER20 COLLETS METRIC

Part No.	Inch Range	Shank
04220-01	.019 – .039"	0.5–1.0
04220-01.5	.039 – .059"	1.0–1.5
04220-02	.039 – .079"	1.5–2.0
04220-02.5	.059 – .098"	1.5–2.5
04220-03	.079 – .118"	2.0–3.0
04220-03.5	.098 – .137"	2.5–3.5
04220-04	.118 – .157"	3.0–4.0
04220-04.5	.137 – .177"	3.5–4.5
04220-05	.157 – .197"	4.0–5.0
04220-05.5	.177 – .216"	4.5–5.5
04220-06	.197 – .236"	5.0–6.0
04220-06.5	.216 – .255"	5.5–6.5
04220-07	.236 – .276"	6.0–7.0
04220-07.5	.255 – .295"	6.5–7.5
04220-08	.276 – .315"	7.0–8.0
04220-08.5	.295 – .334"	7.5–8.5
04220-09	.315 – .354"	8.0–9.0
04220-09.5	.334 – .374"	8.5–9.5
04220-10	.354 – .394"	9.0–10.0
04220-10.5	.374 – .413"	9.5–10.5
04220-11	.394 – .433"	10.0–11.0
04220-11.5	.413 – .452"	10.5–11.5
04220-12	.433 – .472"	11.0–12.0
04220-12.5	.452" – .492"	11.5–12.5
04220-13	.472 – .512"	12.0–13.0
04220-13.5	.492 – .531"	12.5–13.5
04220-14	.512 – .551"	13.0–14.0

ER COLLETS - METRIC

ER25 COLLETS METRIC

Part No.	Inch Range	Shank
04225-02	.039 – .079"	1.5–2.0
04225-02.5	.059 – .098"	2.0–2.5
04225-03	.079 – .118"	2.0–3.0
04225-03.5	.098 – .137"	2.5–3.5
04225-04	.118 – .157"	3.0–4.0
04225-05	.157 – .197"	4.0–5.0
04225-06	.197 – .236"	5.0–6.0
04225-07	.236 – .276"	6.0–7.0
04225-08	.276 – .315"	7.0–8.0
04225-09	.315 – .354"	8.0–9.0
04225-10	.354 – .394"	9.0–10.0
04225-11	.394 – .433"	10.0–11.0
04225-12	.433 – .472"	11.0–12.0
04225-13	.472 – .512"	12.0–13.0
04225-14	.512 – .551"	13.0–14.0
04225-15	.551 – .591"	14.0–15.0
04225-16	.591 – .630"	15.0–16.0
04225-17	.630 – .669"	16.0–17.0

ER32 COLLETS METRIC

Part No.	Inch Range	Shank
04232-03	.079 – .118"	2.0–3.0
04232-03.5	.098 – .137"	2.5–3.5
04232-04	.118 – .157"	3.0–4.0
04232-04.5	.137 – .177"	3.5–4.5
04232-05	.157 – .197"	4.0–5.0
04232-05.5	.177 – .216"	4.5–5.5
04232-06	.197 – .236"	5.0–6.0
04232-06.5	.216 – .255"	5.5–6.5
04232-07	.236 – .276"	6.0–7.0
04232-07.5	.255 – .295"	6.5–7.5
04232-08	.276 – .315"	7.0–8.0
04232-08.5	.295 – .334"	7.5–8.5
04232-09	.315 – .354"	8.0–9.0
04232-09.5	.334 – .374"	8.5–9.5
04232-10	.354 – .394"	9.0–10.0
04232-10.5	.374 – .413"	9.5–10.5
04232-11	.394 – .433"	10.0–11.0
04232-11.5	.413 – .452"	10.5–11.5
04232-12	.433 – .472"	11.0–12.0
04232-12.5	.452 – .492"	11.5–12.5
04232-13	.472 – .512"	12.0–13.0
04232-13.5	.492 – .531"	12.5–13.5
04232-14	.512 – .551"	13.0–14.0
04232-14.5	.531 – .570"	13.5–14.5
04232-15	.551 – .591"	14.0–15.0
04232-15.5	.570 – .610"	14.5–15.5
04232-16	.591 – .630"	15.0–16.0
04232-16.5	.610" – .649"	15.5–16.5
04232-17	.630 – .669"	16.0–17.0
04232-17.5	.649 – .688"	16.5–17.5
04232-18	.669 – .709"	17.0–18.0
04232-18.5	.688 – .728"	17.5–18.5
04232-19	.709 – .748"	18.0–19.0
04232-19.5	.728 – .767"	18.5–19.5
04232-20	.748 – .787"	19.0–20.0
04232-21	.787 – .827"	20.0–21.0

ER40 COLLETS METRIC

Part No.	Inch Range	Shank
04240-04	.118 – .157"	3.0–4.0
04240-05	.157 – .197"	4.0–5.0
04240-06	.197 – .236"	5.0–6.0
04240-07	.236 – .276"	6.0–7.0
04240-08	.276 – .315"	7.0–8.0
04240-09	.315 – .354"	8.0–9.0
04240-10	.354 – .394"	9.0–10.0
04240-11	.394 – .433"	10.0–11.0
04240-12	.433 – .472"	11.0–12.0
04240-13	.472 – .512"	12.0–13.0
04240-14	.512 – .551"	13.0–14.0
04240-15	.551 – .591"	14.0–15.0
04240-16	.591 – .630"	15.0–16.0
04240-17	.630 – .669"	16.0–17.0
04240-18	.669 – .709"	17.0–18.0
04240-19	.709 – .748"	18.0–19.0
04240-20	.748 – .787"	19.0–20.0
04240-21	.787 – .827"	20.0–21.0
04240-22	.827 – .866"	21.0–22.0
04240-23	.866 – .906"	22.0–23.0
04240-24	.906 – .945"	23.0–24.0
04240-25	.945 – .984"	24.0–25.0
04240-26	.984 – 1.024"	25.0–26.0

ER50 COLLETS METRIC

Part No.	Inch Range	Shank
04250-06	.197 – .236"	5.0–6.0
04250-07	.236 – .276"	6.0–7.0
04250-08	.276 – .315"	7.0–8.0
04250-09	.315 – .354"	8.0–9.0
04250-10	.354 – .394"	9.0–10.0
04250-12	.394 – .472"	10.0–12.0
04250-14	.472 – .551"	12.0–14.0
04250-16	.551 – .630"	14.0–16.0
04250-18	.630 – .709"	16.0–18.0
04250-20	.709 – .787"	18.0–20.0
04250-22	.787 – .866"	20.0–22.0
04250-24	.866 – .945"	22.0–24.0
04250-26	.945 – 1.024"	24.0–26.0
04250-28	1.024 – 1.102"	26.0–28.0
04250-30	1.102 – 1.181	28.0–30.0
04250-32	1.181 – 1.259"	30.0–32.0
04250-34	1.259 – 1.338"	32.0–34.0

DNA (DEAD NUTS ACCURATE) COLLETS

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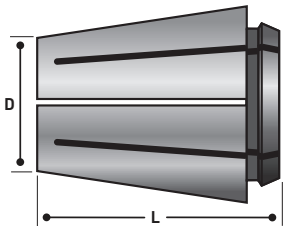
FEATURES

- **Compatible with ER collet chucks and extensions**
- **0.0002" T.I.R. extends tool life**
- **More rigid and more accurate than ER for small diameter shanks**

Use the table for selecting your replacement collets. DNA collets all have unique length and diameter measurements.



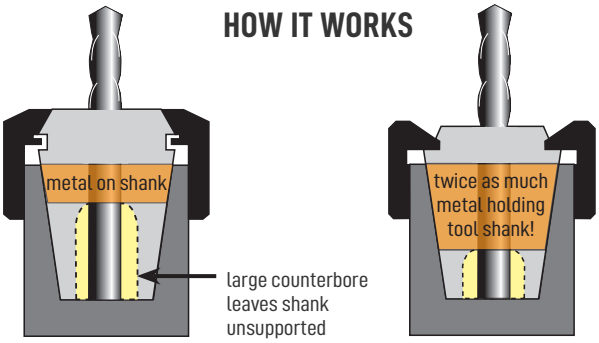
DNA DIMENSIONS

Collet	L	D
DNA 11	.673	.460
DNA 16	.945	.654
DNA 20	1.201	.815
DNA 32	1.571	1.301

DNA 11 COLLETS & ACCESSORIES

Part No.	Shank Size inch/mm	Collapse Range inch/mm
05952-02	5/64" / 1.5 - 2mm	.059"- .079" / .5mm
05952-03	7/64" / 2.5- 3mm	.098" - .118" / .5mm
05952-03.5	1/8" / 3 - 3.5mm	.118" - .138" / .5mm
05952-04	5/32" / 3.5 - 4mm	.138" - .157" / .5mm
05952-05	3/16" / 4.5 - 5mm	.177" - .197" / .5mm
05952-06	15/64" / 5.5 - 6mm	.216" - .236" / .5mm
05952-1/8	exact size collet: 1/8"	.105" - .125" / .5mm
05952-3/16	exact size collet: 3/16"	.167" - .187" / .5mm
05952-1/4	exact size collet: 1/4"	.230" - .250" / .5mm
2011.0000	DNA 11 nut M14 x .75"	
04608	DNA 11 collet wrench	
DNA11TWA	DNA 11 torque wrench adapter	

HOW IT WORKS



DNA collets hold small tools with greater rigidity and more accuracy (T.I.R.) for greatly improved tool life.

DNA 16 COLLETS & ACCESSORIES

Part No.	Shank Size inch/mm	Range inch/mm
05954-0.3	.2 - .3mm	.007" - .011" / .10mm
05954-0.4	1/64" / .3 - .4mm	.011" - .015" / .10mm
05954-0.5	.4 - .5mm	.015" -.019" / .10mm
05954-0.6	.5 - .6mm	.019" - .023" / .10mm
05954-0.8	1/32" / .7 - .8mm	.027" - .031" / .10mm
05954-1.0	.9 - 1.0mm	.035" - .039" / .10mm
05954-1.2	3/64" / 1.1 - 1.2mm	.043" - .047" / .10mm
05954-1.25	1.0 - 1.25mm	.039" - .049" / .25mm
05954-1.5	1.25 - 1.5mm	.049" - .059" / .25mm
05954-1.75	1/16" / 1.5 - 1.75mm	.059" - .068" / .25mm
05954-02	5/64" / 1.75 - 2mm	.068" - .078" / .25mm
05954-2.25	2 - 2.25mm	.078" - .088" / .25mm
05954-2.5	3/32" / 2.25 - 2.5mm	.088" - .098" / .25mm
05954-03	2.5 - 3mm	.098" - .118" / .5mm
05954-3.5	1/8" / 3 - 3.5mm	.118" -.138" / .5mm
05954-04	5/32" / 3.5 - 4mm	.137" - .157" / .5mm
05954-4.5	4 - 4.5mm	.157" - .177" / .5mm
05954-05	3/16" / 4 - 5mm	.157" - .197" / 1.0mm
05954-06	7/32" / 5 - 6mm	.196" - .236" / 1.0mm
05954-07	1/4" / 6 - 7mm	.236" - .275" / 1.0mm
05954-08	5/16" / 7 - 8mm	.275" - .314" / 1.0mm
05954-09	11/32" / 8 - 9mm	.314" - .354" / 1.0mm
05954-10	3/8" / 9 - 10mm	.354" - .392" / 1.0mm
05954-1/8	exact size collet: 1/8"	.105" - .125" / .5mm
05954-3/16	exact size collet: 3/16"	.147" - .187" / 1.0mm
05954-1/4	exact size collet: 1/4"	.210" - .25" / 1.0mm
05954-3/8	exact size collet: 3/8"	.335 - .375" / 1.0mm

DNA (DEAD NUTS ACCURATE) COLLETS

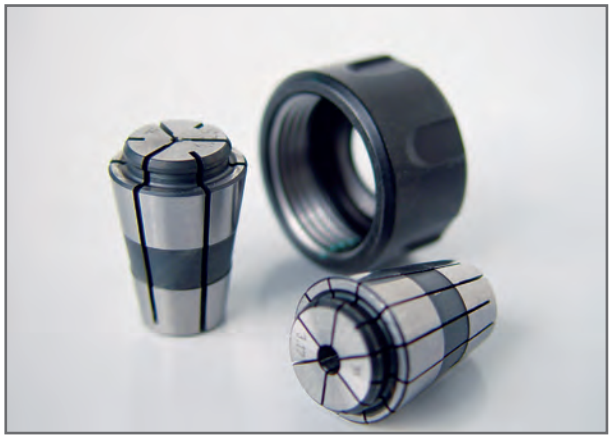


DNA Sealed Nut



DNA 16 Nut

DNA NUTS FEATURE POWERCOAT FOR 75% MORE HOLDING POWER AND BEST TOOL LIFE.



DNA 16 NUTS & ACCESSORIES

Part No.	Description
2016-2000	DNA16 Mini Nut - M19 x 1.0" x O.D. 25mm
27116	M22 x 1.5 nut, , O.D. 27mm
27116-30	3.0 - 2.5mm sealed nut, O.D. 27mm
27116-40	4.0 - 3.5mm sealed nut, O.D. 27mm
27116-45	4.5 - 4.0mm sealed nut, O.D. 27mm
27116-50	5.0 - 4.5mm sealed nut, O.D. 27mm
27116-55	5.5 - 5mm sealed nut, O.D. 27mm
27116-60	6.0 - 5.5mm sealed nut, O.D. 27mm
27116-65	6.5 - 6mm sealed nut, O.D. 27mm
DNA16W	DNA 16 collet wrench
DNA16TWA	DNA 16 torque wrench adapter
894-22	DNA 16 mini nut wrench

DNA 20 COLLETS & ACCESSORIES

Part No.	Shank Size inch/mm	Range inch/mm
05956-03	2.5 - 3mm	.098" - .118" / .5mm
05956-3.5	1/8" / 3 - 3.5mm	.118" - .138" / .5mm
05956-04	5/32" / 3.5 - 4mm	.137" - .157" / .5mm
05956-05	3/16" / 4 - 5mm	.157" - .197" / 1.0mm
05956-06	7/32" 5 - 6mm	.197" - .236" / 1.0mm
05956-1/8	exact size collet: 1/8"	.105" - .125" / .5mm
05956-3/16	exact size collet: 3/16"	.147" - .187" / 1.0mm
05956-1/4	exact size collet: 1/4"	.210" - .250" / 1.0mm
05956-3/8	exact size collet: 3/8"	.335" - .375" / 1.0mm
2020.0000	DNA 20 nut, M25 x 1.5" O.D. 32mm	
2020.0000C	DNA 20 coolant nut, uses ER20 rings	
DNA20W	DNA 20 collet wrench	
DNA20TWA	DNA 20 torque wrench adapter	

DNA 32 COLLETS & ACCESSORIES

Part No.	Shank Size inch/mm	Range inch/mm
05958-03	2.5 - 3mm	.098" - .118" / .5mm
05958-3.5	1/8" / 3 - 3.5mm	.118" - .138" / .5mm
05958-04	5/32" / 3.5 - 4mm	.137" - .157" / .5mm
05958-05	3/16" / 4 - 5mm	.157" - .197" / 1.0mm
05958-06	7/32" 5 - 6mm	.197" - .236" / 1.0mm
05958-1/8	exact size collet: 1/8"	.105" - .125" / .5mm
05958-3/16	exact size collet: 3/16"	.147" - .187" / 1.0mm
05958-1/4	exact size collet: 1/4"	.210" - .250" / 1.0mm
05958-3/8	exact size collet: 3/8"	.335" - .375" / 1.0mm
05958-1/2	exact size collet: 1/2"	.460" - .5" / 1.0mm
05958-3/4	exact size collet: 3/4"	.710" - .75" / 1.0mm
05958-13	exact size collet: 13mm	.472" - .512" / 1.0mm
05958-20	exact size collet: 20m	.748" - .787" / 1.0mm
1132.0000	DNA 32 nut, M40 x 1.5" O.D. 47.5mm	
1132.0000C	DNA 32 coolant nut, uses ER25 rings	
DNA32W	DNA 32 collet wrench	
DNA32TWA	DNA 32 torque wrench adapter	

DNA COLLETS VS. ER COLLETS

PROJECTION COMPARISON

DNA collets provide shorter projection from the collet chuck for better rigidity and when clearance is needed.

DNA Collet



ER Collet



ER STEEL SEALED COLLETS - INCH

pg. 62 pg. 64 pg. 229 pg. 236 pg. 238



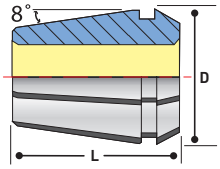
Designed for use with on-size tools.
Use with ER, RD, DR, ESX or BR collet chucks.

FEATURES

- Sealed to 2000 PSI
- No plugs to fail
- For best results use with PowerCOAT nut

DIMENSIONS

Use this table for selecting your replacement collets. ER collets all have unique length and diameter measurements.



Size	L	D
ER11	18mm (.708")	11.5mm (.45")
ER16	27.5mm (1.08")	17mm (0.67")
ER20	31.5mm (1.24")	21mm (0.83")
ER25	34mm (1.34")	26mm (1.02")
ER32	40mm (1.57")	33mm (1.3")
ER40	46mm (1.81")	41mm (1.61")
ER50	60mm (2.36")	52mm (2.05")

ER11 INCH

Part No.	Shank
04542-3/32	3/32"
04542-1/8	1/8"
04542-5/32	5/32"
04542-3/16	3/16"
04542-7/32	7/32"
04542-1/4	1/4"

ER16 INCH

Part No.	Shank
04543-3/32	3/32"
04543-1/8	1/8"
04543-5/32	5/32"
04543-3/16	3/16"
04543-7/32	7/32"
04543-1/4	1/4"
04543-9/32	9/32"
04543-5/16	5/16"
04543-11/32	11/32"
04543-3/8	3/8"
04543-13/32	13/32"

ER20 INCH

Part No.	Shank
04544-1/8	1/8"
04544-5/32	5/32"
04544-3/16	3/16"
04544-7/32	7/32"
04544-1/4	1/4"
04544-9/32	9/32"
04544-5/16	5/16"
04544-11/32	11/32"
04544-3/8	3/8"
04544-13/32	13/32"
04544-7/16	7/16"
04544-15/32	15/32"
04544-1/2	1/2"

ER25 INCH

Part No.	Shank
04545-7/32	7/32"
04545-1/4	1/4"
04545-9/32	9/32"
04545-5/16	5/16"
04545-11/32	11/32"
04545-3/8	3/8"
04545-13/32	13/32"
04545-7/16	7/16"
04545-15/32	15/32"
04545-1/2	1/2"
04545-17/32	17/32"
04545-9/16	9/16"
04545-19/32	19/32"
04545-5/8	5/8"

ER32 INCH

Part No.	Shank
04546-7/32	7/32"
04546-1/4	1/4"
04546-9/32	9/32"
04546-5/16	5/16"
04546-11/32	11/32"
04546-3/8	3/8"
04546-13/32	13/32"
04546-7/16	7/16"
04546-15/32	15/32"
04546-1/2	1/2"
04546-17/32	17/32"
04546-9/16	9/16"
04546-19/32	19/32"
04546-5/8	5/8"
04546-21/32	21/32"
04546-11/16	11/16"
04546-23/32	23/32"
04546-3/4	3/4"

ER40 INCH

Part No.	Shank
04547-3/8	3/8"
04547-13/32	13/32"
04547-7/16	7/16"
04547-15/32	15/32"
04547-1/2	1/2"
04547-17/32	17/32"
04547-9/16	9/16"
04547-19/32	19/32"
04547-5/8	5/8"
04547-21/32	21/32"
04547-11/16	11/16"
04547-23/32	23/32"
04547-3/4	3/4"
04547-27/32	27/32
04547-7/8	7/8"
04547-29/32	29/32
04547-31/32	32/32
04547-63/64	63/64
04547-1	1.0"

ER50 INCH

Part No.	Shank
04548-1/4	1/4"
04548-3/8	3/8"
04548-7/16	7/16"
04548-1/2	1/2"
04548-5/8	5/8"
04548-3/4	3/4"
04548-7/8	7/8"
04548-1	1"
04548-1-1/16	1-1/16"
04548-1-3/16	1-3/16"
04548-1-1/8	1-1/8"
04548-1-1/4	1-1/4"
04548-1-3/8	1-3/8"



STEEL COLLET SETS INCH

Part No.	Size	Pcs.	Fits Shank Sizes
04543IS	ER16	10	3/32 - 3/8"
04544IS	ER20	12	5/32 - 1/2"
04545IS	ER25	14	7/32 - 5/8"
04546IS	ER32	18	7/32 - 3/4"
04547IS	ER40	15	3/8 - 1.0"
04548IS	ER50	10	1/4" - 1-3/8"

ER STEEL SEALED COLLETS - METRIC



Designed for use with on-size tools.

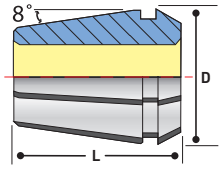
Use with ER, RD, DR, ESX or BR collet chucks.

FEATURES

- Sealed to 2000 PSI
- No plugs to fail
- For best results use with PowerCOAT nut

DIMENSIONS

Use this table for selecting your replacement collets. ER collets all have unique length and diameter measurements.



Size	L	D
ER11	18mm (.708")	11.5mm (.45")
ER16	27.5mm (1.08")	17mm (0.67")
ER20	31.5mm (1.24")	21mm (0.83")
ER25	34mm (1.34")	26mm (1.02")
ER32	40mm (1.57")	33mm (1.3")
ER40	46mm (1.81")	41mm (1.61")
ER50	60mm (2.36")	52mm (2.05")

ER11 METRIC

Part No.	Shank
04542-03	3mm
04542-03.5	3.5mm
04542-04	4mm
04542-04.5	4.5mm
04542-05	5mm
04542-05.5	5.5mm
04542-06	6mm
04542-06.5	6.5mm
04542-07	7mm

ER16 METRIC

Part No.	Shank
04543-03	3mm
04543-04	4mm
04543-05	5mm
04543-06	6mm
04543-07	7mm
04543-08	8mm
04543-09	9mm
04543-10	10mm

ER20 METRIC

Part No.	Shank
04544-03	3mm
04544-04	4mm
04544-05	5mm
04544-06	6mm
04544-07	7mm
04544-08	8mm
04544-09	9mm
04544-10	10mm
04544-11	11mm
04544-12	12mm
04544-13	13mm

ER25 METRIC

Part No.	Shank
04545-03	3mm
04545-04	4mm
04545-05	5mm
04545-06	6mm
04545-07	7mm
04545-08	8mm
04545-09	9mm
04545-10	10mm
04545-11	11mm
04545-12	12mm
04545-13	13mm
04545-14	14mm
04545-15	15mm
04545-16	16mm

ER32 METRIC

Part No.	Shank
04546-03	3mm
04546-04	4mm
04546-05	5mm
04546-06	6mm
04546-07	7mm
04546-08	8mm
04546-09	9mm
04546-10	10mm
04546-11	11mm
04546-12	12mm
04546-13	13mm
04546-14	14mm
04546-15	15mm
04546-16	16mm
04546-17	17mm
04546-18	18mm
04546-19	19mm
04546-20	20mm

ER40 METRIC

Part No.	Shank
04547-06	6mm
04547-07	7mm
04547-08	8mm
04547-09	9mm
04547-10	10mm
04547-11	11mm
04547-12	12mm
04547-13	13mm
04547-14	14mm
04547-15	15mm
04547-16	16mm
04547-17	17mm
04547-18	18mm
04547-19	19mm
04547-20	20mm
04547-25	25mm

ER50 METRIC

Part No.	Shank
04548-10	10mm
04548-12	12mm
04548-14	14mm
04548-20	20mm
04548-22	22mm



STEEL SEALED COLLET SETS METRIC

Part No.	Size	Pcs.	Fits Shank Sizes
04543MS	ER16	8	3 - 10mm
04544MS	ER20	11	3 - 13mm
04545MS	ER25	14	3 - 16mm
04546MS	ER32	18	3 - 20mm
04547MS	ER40	16	6 - 25mm

ER STEEL SEALED COLLETS - COOLBLAST

pg. 62 pg. 64 pg. 229 pg. 236 pg. 238



FEATURES

- CoolBLAST coolant ports direct coolant to the cutting area
- Average 0.0002" T.I.R.
- Pressure rated to 1,400 PSI

ERS25 COOLBLAST INCH

Part No.	Shank
04426-7/32	7/32"
04426-1/4	1/4"
04426-9/32	9/32"
04426-5/16	5/16"
04426-11/32	11/32"
04426-3/8	3/8"
04426-13/32	13/32"
04426-7/16	7/16"
04426-15/32	15/32"
04426-1/2	1/2"
04426-17/32	17/32"
04426-9/16	9/16"

ERS25 COOLBLAST METRIC

Part No.	Shank
04426-03	3mm
04426-04	4mm
04426-05	5mm
04426-06	6mm
04426-07	7mm
04426-08	8mm
04426-09	9mm
04426-10	10mm
04426-11	11mm
04426-12	12mm
04426-13	13mm
04426-14	14mm

ERS32 COOLBLAST INCH

Part No.	Shank
04433-7/32	7/32"
04433-1/4	1/4"
04433-9/32	9/32"
04433-5/16	5/16"
04433-11/32	11/32"
04433-3/8	3/8"
04433-13/32	13/32"
04433-7/16	7/16"
04433-15/32	15/32"
04433-1/2	1/2"
04433-17/32	17/32"
04433-9/16	9/16"
04433-19/32	19/32"
04433-5/8	5/8"
04433-21/32	21/32"
04433-11/16	11/16"
04433-23/32	23/32"
04433-3/4	3/4"

ERS32 COOLBLAST METRIC

Part No.	Shank
04433-03	3mm
04433-04	4mm
04433-05	5mm
04433-06	6mm
04433-07	7mm
04433-08	8mm
04433-09	9mm
04433-10	10mm
04433-11	11mm
04433-12	12mm
04433-13	13mm
04433-14	14mm
04433-15	15mm
04433-16	16mm
04433-17	17mm
04433-18	18mm
04433-19	19mm
04433-20	20mm

ER16 COOLBLAST INCH

Part No.	Shank
04417-1/8	1/8"
04417-5/32	5/32"
04417-3/16	3/16"
04417-7/32	7/32"
04417-1/4	1/4"
04417-9/32	9/32"
04417-5/16	5/16"

ERS20 COOLBLAST INCH

Part No.	Shank
04421-1/8	1/8"
04421-5/32	5/32"
04421-3/16	3/16"
04421-7/32	7/32"
04421-1/4	1/4"
04421-9/32	9/32"
04421-5/16	5/16"
04421-11/32	11/32"
04421-3/8	3/8"

ERS40 COOLBLAST INCH

Part No.	Shank
04441-7/32	7/32"
04441-1/4	1/4"
04441-9/32	9/32"
04441-5/16	5/16"
04441-11/32	11/32"
04441-3/8	3/8"
04441-13/32	13/32"
04441-7/16	7/16"
04441-15/32	15/32"
04441-1/2	1/2"
04441-17/32	17/32"
04441-9/16	9/16"
04441-19/32	19/32"
04441-5/8	5/8"
04441-21/32	21/32"
04441-11/16	11/16"
04441-23/32	23/32"
04441-3/4	3/4"
04441-7/8	7/8'
04441-1	1"

ER16 COOLBLAST METRIC

Part No.	Shank
04417-03	3mm
04417-04	4mm
04417-05	5mm
04417-06	6mm
04417-07	7mm

ERS20 COOLBLAST METRIC

Part No.	Shank
04421-03	3mm
04421-04	4mm
04421-05	5mm
04421-06	6mm
04421-07	7mm
04421-08	8mm
04421-09	9mm

ERS40 COOLBLAST METRIC

Part No.	Shank
04441-03	3mm
04441-04	4mm
04441-05	5mm
04441-06	6mm
04441-07	7mm
04441-08	8mm
04441-09	9mm
04441-10	10mm
04441-11	11mm
04441-12	12mm
04441-13	13mm
04441-14	14mm
04441-15	15mm
04441-16	16mm
04441-17	17mm
04441-18	18mm
04441-19	19mm
04441-20	20mm
04441-21	21mm
04441-22	22mm
04441-23	23mm
04441-24	24mm
04441-25	25mm
04441-26	26mm

ER COOLANT COLLETS





FEATURES

- For coolant up to 750 PSI
- Collapse range: 0.5mm
- For best results use with PowerCOAT nuts

COOLANT COLLET SETS

Part No.	Description
08316MS	15 pcs. ER16
08320MS	21 pcs ER20
08325MS	27 pcs ER25
08332-35MS	35 pcs ER32
08340-41MS	41 pcs ER40

ER16 COOLANT

Part No.	Shank
08316-03.0	3mm
08316-03.5	3.5mm
08316-04.0	4mm
08316-04.5	4.5mm
08316-05.0	5mm
08316-05.5	5.5mm
08316-06.0	6mm
08316-1/4	1/4"
08316-06.5	6.5mm
08316-07.0	7mm
08316-07.5	7.5mm
08316-08.0	8mm
08316-08.5	8.5mm
08316-09.0	9mm
08316-09.5	9.5mm
08316-10.0	10mm

ER20 COOLANT

Part No.	Shank
08320-03.0	3mm
08320-03.5	3.5mm
08320-04.0	4mm
08320-04.5	4.5mm
08320-05.0	5mm
08320-05.5	5.5mm
08320-06.0	6mm
08320-1/4	1/4"
08320-06.5	6.5mm
08320-07.0	7mm
08320-07.5	7.5mm
08320-08.0	8mm
08320-08.5	8.5mm
08320-09.0	9mm
08320-09.5	9.5mm
08320-10.0	10mm
08320-10.5	10.5mm
08320-11.0	11mm
08320-11.5	11.5mm
08320-12.0	12mm
08320-12.5	12.5mm
08320-1/2	1/2"
08320-13.0	13mm

ER25 COOLANT

Part No.	Shank
08325-03.0	3mm
08325-03.5	3.5mm
08325-04.0	4mm
08325-04.5	4.5mm
08325-05.0	5mm
08325-05.5	5.5mm
08325-06.0	6mm
08325-1/4	1/4"
08325-06.5	6.5mm
08325-07.0	7mm
08325-07.5	7.5mm
08325-08.0	8mm
08325-08.5	8.5mm
08325-09.0	9mm
08325-09.5	9.5mm
08325-10.0	10mm
08325-10.5	10.5mm
08325-11.0	11mm
08325-11.5	11.5mm
08325-12.0	12mm
08325-12.5	12.5mm
08325-1/2	1/2"
08325-13.0	13mm
08325-13.5	13.5mm
08325-14.0	14mm
08325-14.5	14.5mm
08325-15.0	15mm
08325-15.5	15.5mm
08325-16.0	16mm

ER32 COOLANT

Part No.	Shank
08332-03.0	3mm
08332-03.5	3.5mm
08332-04.0	4mm
08332-04.5	4.5mm
08332-05.0	5mm
08332-05.5	5.5mm
08332-06.0	6mm
08332-1/4	1/4"
08332-06.5	6.5mm
08332-07.0	7mm
08332-07.5	7.5mm
08332-08.0	8mm
08332-08.5	8.5mm
08332-09.0	9mm
08332-09.5	9.5mm
08332-10.0	10mm
08332-10.5	10.5mm
08332-11.0	11mm
08332-11.5	11.5mm
08332-12.0	12mm
08332-12.5	12.5mm
08332-1/2	1/2"
08332-13.0	13mm
08332-13.5	13.5mm
08332-14.0	14mm
08332-14.5	14.5mm
08332-15.0	15mm
08332-15.5	15.5mm
08332-16.0	16mm
08332-16.5	16.5mm
08332-17.0	17mm
08332-17.5	17.5mm
08332-18.0	18mm
08332-18.5	18.5mm
08332-19	19mm
08332-3/4	3/4"
08332-19.5	19.5mm
08332-20.0	20mm

ER40 COOLANT

Part No.	Shank
08340-06.0	6mm
08340-1/4	1/4"
08340-06.5	6.5mm
08340-07.0	7mm
08340-07.5	7.5mm
08340-08.0	8mm
08340-08.5	8.5mm
08340-09.0	9mm
08340-09.5	9.5mm
08340-10.0	10mm
08340-10.5	10.5mm
08340-11.0	11mm
08340-11.5	11.5mm
08340-12.0	12mm
08340-12.5	12.5mm
08340-1/2	1/2"
08340-13.0	13mm
08340-13.5	13.5mm
08340-14.0	14mm
08340-14.5	14.5mm
08340-15.0	15mm
08340-15.5	15.5mm
08340-16.0	16mm
08340-16.5	16.5mm
08340-17.0	17mm
08340-17.5	17.5mm
08340-18.0	18mm
08340-18.5	18.5mm
08340-19.0	19mm
08340-3/4	3/4"
08340-19.5	19.5mm
08340-20.0	20mm
08340-20.5	20.5mm
08340-21.0	21mm
08340-21.5	21.5mm
08340-22.0	22mm
08340-22.5	22.5mm
08340-23.0	23mm
08340-23.5	23.5mm
08340-24.0	24mm
08340-24.5	24.5mm
08340-25.0	25mm
08340-25.5	25.5mm
08340-26.0	26mm
08340-1	1" / 25.4mm

ER RIGID TAP COLLETS - INCH

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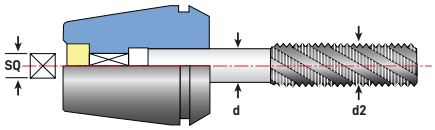
FEATURES

- Replaces expensive tap holders
- Reduce tapping clearance requirements
- Special design locks the tap square in slots





ER16 RIGID TAP COLLETS INCH

Part No.	d	SQ	Tap Size (d2)
05320-141	.141"	.110"	1/8" or #6
05320-168	.168"	.131"	5/32" or #8
05320-194	.194"	.152"	3/16" or #10
05320-220	.220"	.165"	7/32" or #12
05320-255	.255"	.191"	1/4"
05320-318	.318"	.238"	5/16"
05320-323	.323"	.242"	7/16"
05320-367	.367"	.275"	1/2"
05320-381	.381"	.286"	3/8"

ER20 RIGID TAP COLLETS INCH

Part No.	d	SQ	Tap Size (d2)
05410-141	.141"	.110"	1/8" or #6
05410-168	.168"	.131"	5/32" or #8
05410-194	.194"	.152"	3/16" or #10
05410-220	.220"	.165"	7/32" or #12
05410-255	.255"	.191"	1/4"
05410-318	.318"	.238"	5/16"
05410-323	.323"	.242"	7/16"
05410-367	.367"	.275"	1/2"
05410-381	.381"	.286"	3/8"

RIGID TAP COLLET SETS INCH

Part No.	Description
05320-5(SET)	5 piece ER16 set
05320-9(SET)	9 piece ER16 set
05410-9(SET)	9 piece ER20 set
05510-11(SET)	11 piece ER25 set
05570-16(SET)	16 piece ER32 set
05710-21(SET)	21 piece ER40 set

ER25 RIGID TAP COLLETS INCH

Part No.	d	SQ	Tap Size (d2)
05510-141	.141"	.110"	1/8" or #6
05510-168	.168"	.131"	5/32" or #8
05510-194	.194"	.152"	3/16" or #10
05510-220	.220"	.165"	7/32" or #12
05510-255	.255"	.191"	1/4"
05510-318	.318"	.238"	5/16"
05510-323	.323"	.242"	7/16"
05510-367	.367"	.275"	1/2"
05510-381	.381"	.286"	3/8"
05510-429	.429"	.322"	9/16"
05510-437	.437"	.328"	1/8" NPT
05510-480	.480"	.360"	5/8"
05510-542	.542"	.406"	11/16"

ER32 RIGID TAP COLLETS INCH

Part No.	d	SQ	Tap Size (d2)
05570-141	.141"	.110"	1/8" or #6
05570-168	.168"	.131"	5/32" or #8
05570-194	.194"	.152"	3/16" or #10
05570-220	.220"	.165"	7/32" or #12
05570-255	.255"	.191"	1/4"
05570-318	.318"	.238"	5/16"
05570-323	.323"	.242"	7/16"
05570-367	.367"	.275"	1/2"
05570-381	.381"	.286"	3/8"
05570-429	.429"	.322"	9/16"
05570-437	.437"	.328"	1/8" NPT
05570-480	.480"	.360"	5/8"
05570-542	.542"	.406"	11/16"
05570-562	.562"	.421"	1/4" NPT
05570-590	.590"	.442"	3/4"
05570-652	.652"	.489"	13/16"

ER40 RIGID TAP COLLETS INCH

Part No.	d	SQ	Tap Size (d2)
05710-141	.141"	.110"	1/8" or #6
05710-168	.168"	.131"	5/32" or #8
05710-194	.194"	.152"	3/16" or #10
05710-220	.220"	.165"	7/32" or #12
05710-255	.255"	.191"	1/4"
05710-318	.318"	.238"	5/16"
05710-323	.323"	.242"	7/16"
05710-367	.367"	.275"	1/2"
05710-381	.381"	.286"	3/8"
05710-429	.429"	.322"	9/16"
05710-437	.437"	.328"	1/8" NPT
05710-480	.480"	.360"	5/8"
05710-542	.542"	.406"	11/16"
05710-562	.562"	.421"	1/4" NPT
05710-590	.590"	.442"	3/4"
05710-652	.652"	.489"	13/16"
05710-687	.687"	.515"	1/2" NPT
05710-697	.697"	.523"	7/8"
05710-700	.700"	.531"	3/8" NPT
05710-760	.760"	.570"	15/16"
05710-800	.800"	.600"	1"

ER RIGID TAP COLLETS - METRIC



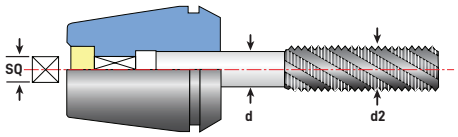
FEATURES

- Replaces expensive tap holders
- Reduce tap clearance requirements
- Special design locks the tap square in slots



RIGID TAP COLLET SET METRIC

Part No.	Description
05699-11SET	05699-11 Metric Set



ER16 RIGID TAP COLLETS METRIC

Part No.	d	SQ	Tap Size (d2)
05326	2.8	2.1	M4
05330	3.5	2.7	M3
05336	4.5	3.4	M4
05342	6	4.9	M5/M6
05350	8	6.2	M8
05352	8.5	6.5	M12
05354	9	7	M12
05356	10	8	M10
05371	6	4.5	M6
05385	6.2	5	M8

ER20 RIGID TAP COLLETS METRIC

Part No.	d	SQ	Tap Size (d2)
05428	4.5	3.4	M4
05434	6	4.9	M5/M6
05442	8	6.2	M8
05446	9	7	M12
05448	10	8	M10
05456	12	9	M16

ER25 RIGID TAP COLLETS METRIC

Part No.	d	SQ	Tap Size (d2)
05526	4.5	3.4	M4
05534	6	4.9	M5/M6
05540	7	5.5	M10
05542	8	6.2	M8
05548	9	7	M12
05550	10	8	M10
05550	10	8	M10
05554	11	9	M14
05558	12	9	M16
05560	12.5	10	M16
05562	13	10	M17
05564	14	11	M18/M20
05566	15	12	M20
05568	16	12	M20/M22

ER32 RIGID TAP COLLETS METRIC

Part No.	d	SQ	Tap Size (d2)
05572	2.25	1.8	M3
05574	2.5	2	M3.5
05576	2.8	2.1	M4
05578	3.14	2.5	M3/M4
05580	3.5	2.7	M3/M5
05582	3.55	2.8	M3.5/M4.5
05584	4	3	M3/M5
05586	4.5	3.4	M4/M6
05588	5	5	M4/M5
05590	5.5	4.5	M5/M5.5
05592	6	4.5	M5/M8
05594	6.2	5	M7/M8
05596	6.3	5	M6/M8
05598-M9	7	5.5	M9/M10
05600	8	6	M8/M11
05602	8.5	6.5	M12
05604	9	7	M12
05606	10	8	M10
05608	10.5	8	M14
05610	11	9	M14
05612	11.2	9	M14
05614	12	9	M16
05616	12.5	10	M16
05618	13	10	M17
05620	14	11	M18/M20
05622	15	12	M20
05624	16	12	M20/M22
05626	17	13	M22
05628	18	14	M22/M24
05630	19	15	M24/M25
05632	20	15	M26/M27

ER40 RIGID TAP COLLETS METRIC

Part No.	d	SQ	Tap Size (d2)
05712	2.24	1.88	M3
05714	2.5	1	M3.5
05716	2.8	2.1	M4
05718	3.15	2.5	M3/M4
05720	3.5	2.7	M3/M5
05722	3.55	2.8	M3.5/M4.5
05724	4	3	M3/M5
05726	4.5	3.4	M4/M6
05728	5	4	M4/M5
05730	4.5	4.5	M5/M5.5
05732	6	4.5	M5/M8
05734	6.2	5	M7/M8
05736	6.3	5	M6/M8
05738	7	5.5	M10
05740	8	6	M8/M11
05742	8.5	6.5	M12
05744	9	7	M12
05746	10	8	M10
05748	10.5	8	M14
05750	11	9	M14
05752	11.2	9	M14
05754	12	9	M16
05756	12.5	10	M16
05758	13	10	M17
05760	14	11	M18/M20
05762	15	12	M20
05764	16	12	M20/M22
05766	17	13	M22
05768	18	14	M/22/M24
05770	19	14	M24/M25
05772	20	15	M26/M27

ER STEEL SEALED RIGID TAP COLLETS - INCH

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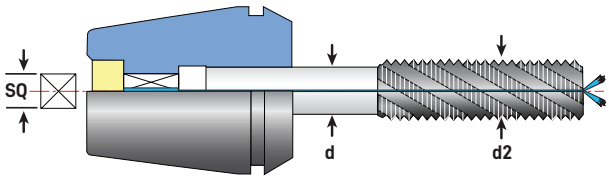
FEATURES

- For coolant thru taps
- Special design locks the tap square in slots
- For best results use with PowerCOAT nuts



ER16 STEEL SEALED RIGID TAP COLLETS INCH

Part No.	d	SQ	Tap Size (d2)
254.16-168	.168"	.131"	5/32" or #8
254.16-194	.194"	.152"	3/16" or #10
254.16-220	.220"	.165"	7/32" or #12
254.16-255	.255"	.191"	1/4"
254.16-318	.318"	.238"	5/16"
254.16-323	.323"	.242"	7/16"
254.16-367	.367"	.275"	1/2"
254.16-381	.381"	.286"	3/8"

ER20 STEEL SEALED RIGID TAP COLLETS INCH

Part No.	d	SQ	Tap Size (d2)
254.20-168	.168"	.131"	5/32" or #8
254.20-194	.194"	.152"	3/16" or #10
254.20-220	.220"	.165"	7/32" or #12
254.20-255	.255"	.191"	1/4"
254.20-318	.318"	.238"	5/16"
254.20-323	.323"	.242"	7/16"
254.20-367	.367"	.275"	1/2"
254.20-381	.381"	.286"	3/8"

ER25 STEEL SEALED RIGID TAP COLLETS INCH

Part No.	d	SQ	Tap Size (d2)
254.25-168	.168"	.131"	5/32" or #8
254.25-194	.194"	.152"	3/16" or #10
254.25-220	.220"	.165"	7/32" or #12
254.25-255	.255"	.191"	1/4"
254.25-318	.318"	.238"	5/16"
254.25-323	.323"	.242"	7/16"
254.25-367	.367"	.275"	1/2"
254.25-381	.381"	.286"	3/8"
254.25-429	.429"	.322"	9/16"
254.25-437	.437"	.328"	1/8" NPT
254.25-480	.480"	.360"	5/8"
254.25-542	.542"	.406"	11/16"

ER32 STEEL SEALED RIGID TAP COLLETS INCH

Part No.	d	SQ	Tap Size (d2)
254.32-168	.168"	.131"	5/32" or #8
254.32-194	.194"	.152"	3/16" or #10
254.32-220	.220"	.165"	7/32" or #12
254.32-255	.255"	.191"	1/4"
254.32-318	.318"	.238"	5/16"
254.32-323	.323"	.242"	7/16"
254.32-367	.367"	.275"	1/2"
254.32-381	.381"	.286"	3/8"
254.32-429	.429"	.322"	9/16"
254.32-437	.437"	.328"	1/8" NPT
254.32-480	.480"	.360"	5/8"
254.32-542	.542"	.406"	11/16"
254.32-562	.562"	.421"	1/4" NPT
254.32-590	.590"	.442"	3/4"
254.32-652	.652"	.489"	13/16"

ER40 STEEL SEALED RIGID TAP COLLETS INCH

Part No.	d	SQ	Tap Size (d2)
254.40-168	.168"	.131"	5/32" or #8
254.40-194	.194"	.152"	3/16" or #10
254.40-220	.220"	.165"	7/32" or #12
254.40-255	.255"	.191"	1/4"
254.40-318	.318"	.238"	5/16"
254.40-323	.323"	.242"	7/16"
254.40-367	.367"	.275"	1/2"
254.40-381	.381"	.286"	3/8"
254.40-429	.429"	.322"	9/16"
254.40-437	.437"	.328"	1/8" NPT
254.40-480	.480"	.360"	5/8"
254.40-542	.542"	.406"	11/16"
254.40-562	.562"	.421"	1/4" NPT
254.40-590	.590"	.442"	3/4"
254.40-652	.652"	.489"	13/16"
254.40-687	.687"	.515"	1/2" NPT
254.40-697	.697"	.523"	7/8"
254.40-700	.700"	.531"	3/8" NPT
254.40-760	.760"	.570"	15/16"
254.40-800	.800"	.600"	1"

ER STEEL SEALED RIGID TAP COLLETS - METRIC

ER16 STEEL SEALED RIGID TAP COLLETS METRIC

Part No.	d	SQ	Tap Size (d2)
254.16-6	6	4.5	M6
254.16-6DIN	6	4.9	M5/M6
254.16-6.2	6.2	5	M8
254.16-8DIN	8	6.2	M8
254.16-8.5	8.5	6.5	M12
254.16-9	9	7	M12
254.16-10	10	8	M10

ER20 STEEL SEALED RIGID TAP COLLETS METRIC

Part No.	d	SQ	Tap Size (d2)
254.20-4.5	4.5	3.4	M4
254.20-6	6	4.9	M5/M6
254.20-8	8	6.2	M8
254.20-9	9	7	M12
254.20-10	10	8	M10
254.20-12	12	9	M16

ER25 STEEL SEALED RIGID TAP COLLETS METRIC

Part No.	d	SQ	Tap Size (d2)
254.25-4.5	4.5	3.4	M4
254.25-6	6	4.9	M5/M6
254.25-7	7	5.5	M10
254.25-8	8	6.2	M8
254.25-9	9	7	M12
254.25-10	10	8	M10
254.25-10D	10	8	M10
254.25-11	11	9	M14
254.25-12	12	9	M16
254.25-12.5	12.5	10	M16
254.25-13	13	10	M17
254.25-14	14	11	M18/M20
254.25-15	15	12	M20
254.25-16	16	12	M20/M22

ER32 STEEL SEALED RIGID TAP COLLETS METRIC

Part No.	d	SQ	Tap Size (d2)
254.32-6	6	4.5	M6
254.32-6.2	6.2	5	M7/M8
254.32-6.3	6.3	5	M6/M8
254.32-6DIN	6	4.9	M6
254.32-7	7	5.5	M9/M10
254.32-8	8	6	M11
254.32-8DIN	8	6.2	M8
254.32-8.5	8.5	6.5	M12
254.32-9	9	7	M12
254.32-10	10	8	M10
254.32-10.5	10.5	8	M14/M15
254.32-11	11	9	M14
254.32-11.2	11.2	9	M14
254.32-12	12	9	M16
254.32-12.5	12.5	10	M16
254.32-13	13	10	M17
254.32-14	14	11	M18
254.32-15	15	12	M20
254.32-16	16	12	M20
254.32-17	17	13	M22
254.32-18	18	14	M24
254.32-19	19	15	M24/M25
254.32-20	20	15	M26/M27

ER40 STEEL SEALED RIGID TAP COLLETS METRIC

Part No.	d	SQ	Tap Size (d2)
254.40-6	6	4.5	M6
254.40-6.2	6.2	5	M7/M8
254.40-6.3	6.3	5	M6/M8
254.40-7	7	5.5	M9/M10
254.40-8	8	6	M11
254.40-8.5	8.5	6.5	M12
254.40-9	9	7	M12
254.40-10	10	8	M10
254.40-10.5	10.5	8	M14/M15
254.40-11	11	9	M14
254.40-11.2	11.2	9	M14
254.40-12	12	9	M16
254.40-12.5	12.5	10	M16
254.40-13	13	10	M17
254.40-14	14	11	M18
254.40-15	15	12	M20
254.40-16	16	12	M20
254.40-17	17	13	M22
254.40-18	18	14	M24
254.40-19	19	15	M24/M25
254.40-20	20	15	M26/M27

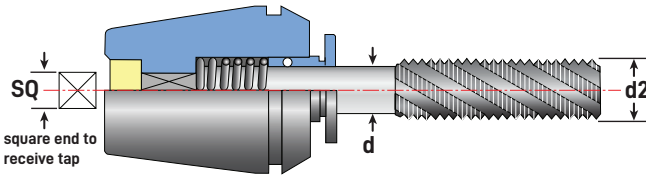
ER QUICK-CHANGE RIGID TAP COLLETS

pg. 62 pg. 64 pg. 229 pg. 236 pg. 238



FEATURES

- Quick-Change taps in seconds
- Replaces expensive tap holders
- Locking feature prevents spinning the tap
- Reduce tapping clearance requirements



For best tapping performance use with Techniks PowerCOAT nut for highest holding power and accuracy. See page 62.

COLLET SETS

Part No.	Description
05802-4IS	4 piece ER16 collet set
05804-8IS	8 piece ER20 collet set
0580611IS	11 piece ER25 collet set
05808-15IS	15 piece ER32 collet set

ER16 QUICK-CHANGE RIGID TAP

Part No.	d	SQ	Tap Size (d2)
05802-168	.168"	.131"	5/32" or #8
05802-194	.194"	.152"	3/16" or #10
05802-220	.220"	.165"	7/32" or #12
05802-255	.255"	.191"	1/4"

ER20 QUICK-CHANGE RIGID TAP

Part No.	d	SQ	Tap Size (d2)
05804-168	.168"	.131"	5/32" or #8
05804-194	.194"	.152"	3/16" or #10
05804-220	.220"	.165"	7/32" or #12
05804-255	.255"	.191"	1/4"
05804-318	.318"	.238"	5/16"
05804-323	.323"	.242"	7/16"
05804-367	.367"	.275"	1/2"
05804-381	.381"	.286"	3/8"

ER25 QUICK-CHANGE RIGID TAP

Part No.	d	SQ	Tap Size (d2)
05806-168	.168"	.131"	5/32" or #8
05806-194	.194"	.152"	3/16" or #10
05806-220	.220"	.165"	7/32" or #12
05806-255	.255"	.191"	1/4"
05806-318	.318"	.238"	5/16"
05806-323	.323"	.242"	7/16"
05806-367	.367"	.275"	1/2"
05806-381	.381"	.286"	3/8"
05806-429	.429"	.322"	9/16"
05806-437	.437"	.328"	1/8" NPT
05806-480	.480"	.360"	5/8"

ER32 QUICK-CHANGE RIGID TAP

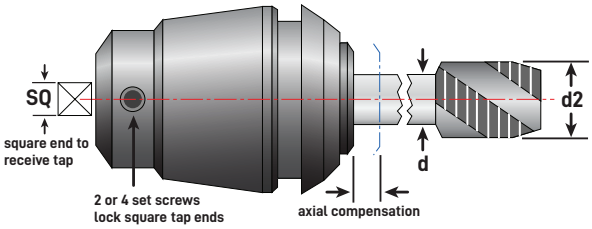
Part No.	d	SQ	Tap Size (d2)
05808-168	.168"	.131"	5/32" or #8
05808-194	.194"	.152"	3/16" or #10
05808-220	.220"	.165"	7/32" or #12
05808-255	.255"	.191"	1/4"
05808-318	.318"	.238"	5/16"
05808-323	.323"	.242"	7/16"
05808-367	.367"	.275"	1/2"
05808-381	.381"	.286"	3/8"
05808-429	.429"	.322"	9/16"
05808-437	.437"	.328"	1/8" NPT
05808-480	.480"	.360"	5/8"
05808-542	.542"	.406"	11/16"
05808-562	.562"	.421"	1/4" NPT
05808-590	.590"	.442"	3/4"
05808-652	.652"	.489"	13/16"

ER FLOATING TAP COLLETS



FEATURES

- Axial compensation prevents breaking taps
- Replaces expensive tapping heads
- Locking feature prevents spinning the tap
- Reduce tapping clearance requirements



Simply program the machine 5% behind the recommended pitch feed of the tap to engage the floating feature. Return out of the tapped hole at 100%. For best performance use with Techniks PowerCOAT nut.

FT COLLET SETS

Part No.	Description
05916IS	4 piece FT-116 collet set
05920IS	5 piece FT-120 collet set
05925IS	9 piece FT-125 collet set
05932IS	11 piece FT-132 collet set

FT-116 FLOATING TAP COLLETS

Part No.	d	SQ	Size (d2)
05916-141	.141"	.110"	1/8" or #6
05916-168	.168"	.131"	5/32" or #8
05916-194	.194"	.152"	3/16" or #10
05916-220	.220"	.165"	7/32" or #12

axial compensation = 7mm

FT-120 FLOATING TAP COLLETS

Part No.	d	SQ	Size (d2)
05920-141	.141"	.110"	1/8" or #6
05920-168	.168"	.131"	5/32" or #8
05920-194	.194"	.152"	3/16" or #10
05920-220	.220"	.165"	7/32" or #12
05920-255	.255"	.191"	1/4"

axial compensation = 7mm

FT-125 FLOATING TAP COLLETS

Part No.	d	SQ	Size (d2)
05925-141	.141"	.110"	1/8" or #6
05925-168	.168"	.131"	5/32" or #8
05925-194	.194"	.152"	3/16" or #10
05925-220	.220"	.165"	7/32" or #12
05925-255	.255"	.191"	1/4"
05925-318	.318"	.238"	5/16"
05925-323	.323"	.242"	7/16"
05925-367	.367"	.275"	1/2"
05925-381	.381"	.286"	3/8"

axial compensation = 8mm

FT-132 FLOATING TAP COLLETS

Part No.	d	SQ	Size (d2)
05932-168	.168"	.131"	5/32" or #8
05932-194	.194"	.152"	3/16" or #10
05932-220	.220"	.165"	7/32" or #12
05932-255	.255"	.191"	1/4"
05932-318	.318"	.238"	5/16"
05932-323	.323"	.242"	7/16"
05932-367	.367"	.275"	1/2"
05932-381	.381"	.286"	3/8"
05932-429	.429"	.322"	9/16"
05932-437	.437"	.328"	1/8" NPT
05932-480	.480"	.360"	5/8"

axial compensation = 10mm

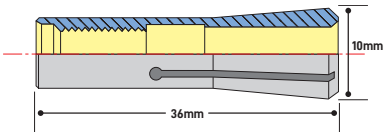
SLIMFIT STYLE COLLETS

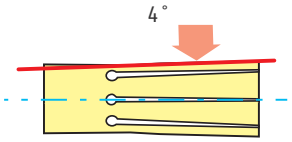
pg. 62 pg. 64 pg. 229 pg. 236 pg. 238



FEATURES

- "On-Size" collets
- Precision ground and polished
- Each collet individually inspected for quality





NOTE: TIGHTEN TO 9 FT/LBS



SLIMFIT COLLET SET

Part No.	Description
18851-12IMS	SlimFIT 12 piece set

Convenient collet set provides the collets you need and the wooden tray prevents damage to collets.

Set includes 12 collets:

INCH: 7/64", 1/8", 9/64", 11/64"
3/16", 13/64", 15/64", 1/4"
METRIC: 3mm, 4mm, 5mm, 6mm

SLIMFIT COLLETS INCH

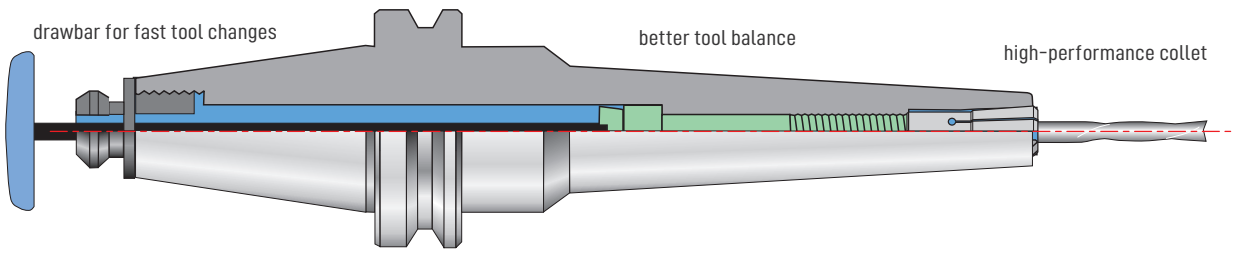
Part No.	Description
18851-3/32	SlimFIT 6 - 3/32" collet
18851-7/64	SlimFIT 6 - 7/64" collet
18851-1/8	SlimFIT 6 - 1/8" collet
18851-9/64	SlimFIT 6 - 9/64" collet
18851-5/32	SlimFIT 6 - 5/32" collet
18851-11/64	SlimFIT 6 - 11/64" collet
18851-3/16	SlimFIT 6 - 3/16" collet
18851-13/64	SlimFIT 6 - 13/64" collet
18851-7/32	SlimFIT 6 - 7/32" collet
18851-15/64	SlimFIT 6 - 15/64" collet
18851-1/4	SlimFIT 6 - 1/4" collet

SLIMFIT COLLETS METRIC

Part No.	Description
18851-03	SlimFIT 6 - 3mm collet
18851-04	SlimFIT 6 - 4mm collet
18851-05	SlimFIT 6 - 5mm collet
18851-05.5	SlimFIT 6 - 5.5mm collet
18851-06	SlimFIT 6 - 6mm collet

WHY SLIMFIT OUT-PERFORMS ER COLLET SYSTEMS

SlimFIT collets are longer overall than ER collets and feature a 4° taper, delivering better engagement between collet and tool shank, resulting in better accuracy and balance than ER systems.



COLLET STORAGE TRAYS



FEATURES

- Prevent accidental damage to collets
- Keep collets organized and ready to use
- Exact fit for all your collets



ER COLLET STORAGE TRAYS

Part No.	Description
04282	ER8 wood tray - 9 pcs.
04284	ER11 wood tray - 13 pcs.
04286	ER16 wood tray - 10 pcs.
04286-12	ER16 wood tray - 12 pcs.
04288	ER20 wood tray - 12 pcs.
04290	ER25 wood tray - 16 pcs.
04292	ER32 wood tray - 18 pcs.
04292-22	ER32 wood tray - 22 pcs.
04294	ER40 wood tray - 24 pcs.
04294-13	ER40 wood tray - 13 pcs.
04296	ER50 wood tray - 12 pcs.

DA COLLET STORAGE TRAYS

Part No.	Description
04448	DA100 wood tray - 33 pcs.
04449	DA100 wood tray - 8 pcs.
04450	DA100 wood tray - 15 pcs.
04451	DA100 wood tray - 21 pcs.
04452	DA100 wood tray - 29 pcs.
04453	DA180 wood tray - 9 pcs.
04454	DA180 wood tray - 17 pcs.
04455	DA180 wood tray - 21 pcs.
04456	DA180 wood tray - 33 pcs.
04457	DA180 wood tray - 41 pcs.
04459	DA200 wood tray - 9 pcs.
04460	DA200 wood tray - 21 pcs.
04461	DA200 wood tray - 17 pcs.
04462	DA300 wood tray - 7 pcs.
04464	DA300 wood tray - 14 pcs.

TG COLLET STORAGE TRAYS

Part No.	Description
04466	TG75 wood tray - 11 pcs.
04468	TG75 wood tray - 22 pcs.
04470	TG75 wood tray - 43 pcs.
04472	TG100 wood tray - 15 pcs.
04474	TG100 wood tray - 21 pcs.
04476	TG100 wood tray - 30 pcs.
04478	TG100 wood tray - 41 pcs.
04480	TG100 wood tray - 59 pcs.
04482	TG150 wood tray - 17 pcs.
04484	TG150 wood tray - 33 pcs.
04486	TG150 wood tray - 65 pcs.

ER POWERCOAT NUTS AND COOLANT NUTS

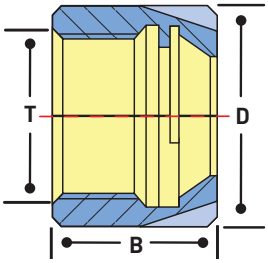
pg. 62 pg. 64 pg. 229 pg. 236 pg. 238



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.

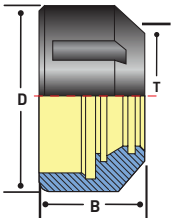
L = Left threaded

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.**





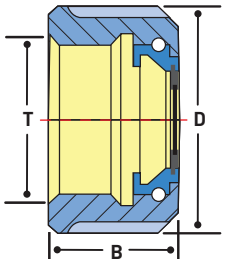
Part No.	Description	D	B	T	Wrench	Torque Specs
41616	ER16 coolant slot nut	32	22.5	M22x1.5	04613	42 ft/lbs.
41620	ER20 coolant slot nut	35	24	M25x1.5	04614	59 ft/lbs.
41625	ER25 coolant slot nut	42	25	M32x1.5	04615	77 ft/lbs.
41632	ER32 coolant slot nut	50	27.5	M40x1.5	04616	100 ft/lbs.
41640	ER40 coolant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

ER POWERCOAT ER MINI NUTS



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	Torue Speacs
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.

BLACK GOLD ER COOLANT RINGS

pg. 62 pg. 64 pg. 229 pg. 236 pg. 238



Snap ring into nut before ER collet

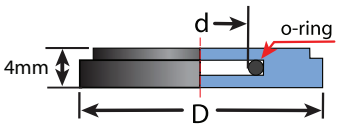
FEATURES

- Seals up to 1,500 P.S.I.
- Use with ER collets
- Use with PowerCOAT coolant nuts



PowerCOAT coolant nuts pg. 62.

NOTE: Remove o-ring for coolant surround tool applications using non-coolant cutting tools.



Dimensions	D
ER16	12.9 mm
ER20	15.9 mm
ER25	21 mm
ER32	26.95 mm
ER40	33.3 mm

ER16 COOLANT RINGS

Part No.	Shank mm	Shank inch
08516-03.5	3.5 – 3.0mm	1/8"
08516-04.0	4.0 – 3.5mm	5/32"
08516-04.5	4.5 – 4.0mm	11/64"
08516-05.0	5.0 – 4.5mm	3/16"
08516-05.5	5.5 – 5.0mm	13/64"
08516-06.0	6.0 – 5.5mm	7/32"
08516-06.5	6.5 – 6.0mm	1/4"
08516-07.0	7.0 – 6.5mm	17/64"
08516-07.5	7.5 – 7.0mm	9/32"
08516-08.0	8.0 – 7.5mm	5/16"
08516-08.5	8.5 – 8.0mm	21/64"
08516-09.0	9.0 – 8.5mm	11/32"
08516-09.5	9.5 – 9.0mm	3/8"
08516-10.0	10.0 – 9.5mm	25/64"

ER20 COOLANT RINGS

Part No.	Shank mm	Shank inch
08520-03.5	3.5 – 3.0mm	1/8"
08520-04.0	4.0 – 3.5mm	5/32"
08520-04.5	4.5 – 4.0mm	11/64"
08520-05.0	5.0 – 4.5mm	3/16"
08520-05.5	5.5 – 5.0mm	13/64"
08520-06.0	6.0 – 5.5mm	7/32"
08520-06.5	6.5 – 6.0mm	1/4"
08520-07.0	7.0 – 6.5mm	17/64"
08520-07.5	7.5 – 7.0mm	9/32"
08520-08.0	8.0 – 7.5mm	5/16"
08520-08.5	8.5 – 8.0mm	21/64"
08520-09.0	9.0 – 8.5mm	11/32"
08520-09.5	9.5 – 9.0mm	3/8"
08520-10.0	10.0 – 9.5mm	25/64"
08520-10.5	10.5 – 10.0mm	13/32"
08520-11.0	11.0 – 10.5mm	27/64"
08520-11.5	11.5 – 11.0mm	7/16"
08520-12.0	12.0 – 11.5mm	15/32"
08520-12.5	12.5 – 12.0mm	31/64"
08520-13.0	13.0 – 12.5mm	1/2"

ER25 COOLANT RINGS

Part No.	Shank mm	Shank inch
08525-03.5	3.5 – 3.0mm	1/8"
08525-04.0	4.0 – 3.5mm	5/32"
08525-04.5	4.5 – 4.0mm	11/64"
08525-05.0	5.0 – 4.5mm	3/16"
08525-05.5	5.5 – 5.0mm	13/64"
08525-06.0	6.0 – 5.5mm	7/32"
08525-06.5	6.5 – 6.0mm	1/4"
08525-07.0	7.0 – 6.5mm	17/64"
08525-07.5	7.5 – 7.0mm	9/32"
08525-08.0	8.0 – 7.5mm	5/16"
08525-08.5	8.5 – 8.0mm	21/64"
08525-09.0	9.0 – 8.5mm	11/32"
08525-09.5	9.5 – 9.0mm	3/8"
08525-10.0	10.0 – 9.5mm	25/64"
08525-10.5	10.5 – 10.0mm	13/32"
08525-11.0	11.0 – 10.5mm	27/64"
08525-11.5	11.5 – 11.0mm	7/16"
08525-12.0	12.0 – 11.5mm	15/32"
08525-12.5	12.5 – 12.0mm	31/64"
08525-13.0	13.0 – 12.5mm	1/2"
08525-13.5	13.5 – 13.0mm	17/32"
08525-14.0	14.0 – 13.5mm	35/64"
08525-14.5	14.5 – 14.0mm	9/16"
08525-15.0	15.0 – 14.5mm	37/64"
08525-15.5	15.5 – 15.0mm	19/32"
08525-16.0	16.0 – 15.5mm	5/8"

ER32 & TG100 COOLANT RINGS

Part No.	Shank mm	Shank inch
08532-03.5	3.5 – 3.0mm	1/8"
08532-04.0	4.0 – 3.5mm	5/32"
08532-04.5	4.5 – 4.0mm	11/64"
08532-05.0	5.0 – 4.5mm	3/16"
08532-05.5	5.5 – 5.0mm	13/64"
08532-06.0	6.0 – 5.5mm	7/32"
08532-06.5	6.5 – 6.0mm	1/4"
08532-07.0	7.0 – 6.5mm	17/64"
08532-07.5	7.5 – 7.0mm	9/32"
08532-08.0	8.0 – 7.5mm	5/16"
08532-08.5	8.5 – 8.0mm	21/64"
08532-09.0	9.0 – 8.5mm	11/32"
08532-09.5	9.5 – 9.0mm	3/8"
08532-10.0	10.0 – 9.5mm	25/64"
08532-10.5	10.5 – 10.0mm	13/32"
08532-11.0	11.0 – 10.5mm	27/64"
08532-11.5	11.5 – 11.0mm	7/16"
08532-12.0	12.0 – 11.5mm	15/32"
08532-12.5	12.5 – 12.0mm	31/64"
08532-13.0	13.0 – 12.5mm	1/2"
08532-13.5	13.5 – 13.0mm	17/32"
08532-14.0	14.0 – 13.5mm	35/64"
08532-14.5	14.5 – 14.0mm	9/16"
08532-15.0	15.0 – 14.5mm	37/64"
08532-15.5	15.5 – 15.0mm	19/32"
08532-16.0	16.0 – 15.5mm	5/8"
08532-16.5	16.5 – 16.0mm	41/64"
08532-17.0	17.0 – 16.5mm	21/32"
08532-17.5	17.5 – 17.0mm	11/16"
08532-18.0	18.0 – 17.5mm	45/64"
08532-18.5	18.5 – 18.0mm	23/32"
08532-19.0	19.0 – 18.5mm	3/4"
08532-19.5	19.5 – 19.0mm	49/64"
08532-20.0	20.0 – 19.5mm	25/32"

BLACK GOLD ER COOLANT RINGS



Use ER Coolant Rings with o-ring for coolant-thru cutting tools.



Removing the o-ring creates a CoolBLAST coolant effect.

USE BLACK GOLD RINGS FOR COOLANT APPLICATIONS

It costs less money to use coolant rings and standard collets than coolant collets.

	ER32 Coolant Collet	ER32 Coolant Ring System
Cost of 320 collets	$20,480.00	$10,560.00
Cost of 20 nuts	$ 0.00 (supplied with holders)	$2,000.00 (includes rings)
Total 4 year cost	$20,480.00	$12,560.00
		$7,920.00 savings

Figures based on 20 toolholders, allowing 4 collets a year for each toolholder for a total of 320 collets, plus one nut for each toolholder over the four year period.

ER coolant rings are great for unattended operation. There are no rubber seals to fail under high pressure.

ER COOLANT RING SETS

Part No.	Description
08516-14(SET)	14 pc. ER16 coolant ring set
08520-20(SET)	20 pc. ER20 coolant ring set
08525-26(SET)	26 pc. ER25 coolant ring set
08532-34(SET)	34 pc. ER32 coolant ring set
08540-46(SET)	46 pc. ER40 coolant ring set

BLACK GOLD ER40 COOLANT RINGS

Part No.	Shank mm	Shank inch
08540- 03.5	3.5 – 3.0mm	1/8"
08540-04.0	4.0 – 3.5mm	5/32"
08540-04.5	4.5 – 4.0mm	11/64"
08540-05.0	5.0 – 4.5mm	3/16"
08540-05.5	5.5 – 5.0mm	13/64"
08540-06.0	6.0 – 5.5mm	7/32"
08540-06.5	6.5 – 6.0mm	1/4"
08540-07.0	7.0 – 6.5mm	17/64"
08540-07.5	7.5 – 7.0mm	9/32"
08540-08.0	8.0 – 7.5mm	5/16"
08540-08.5	8.5 – 8.0mm	21/64"
08540-09.0	9.0 – 8.5mm	11/32"
08540-09.5	9.5 – 9.0mm	3/8"
08540-10.0	10.0 – 9.5mm	25/64"
08540-10.5	10.5 – 10.0mm	13/32"

Part No.	Shank mm	Shank inch
08540-11.0	11.0 – 10.5mm	27/64"
08540-11.5	11.5 – 11.0mm	7/16"
08540-12.0	12.0 – 11.5mm	15/32"
08540-12.5	12.5 – 12.0mm	31/64"
08540-13.0	13.0 – 12.5mm	1/2"
08540-13.5	13.5 – 13.0mm	17/32"
08540-14.0	14.0 – 13.5mm	35/64"
08540-14.5	14.5 – 14.0mm	9/16"
08540-15.0	15.0 – 14.5mm	37/64"
08540-15.5	15.5 – 15.0mm	19/32"
08540-16.0	16.0 – 15.5mm	5/8"
08540-16.5	16.5 – 16.0mm	41/64"
08540-17.0	17.0 – 16.5mm	21/32"
08540-17.5	17.5 – 17.0mm	11/16"
08540-18.0	18.0 – 17.5mm	45/64"
08540-18.5	18.5 – 18.0mm	23/32"

Part No.	Shank mm	Shank inch
08540-19.0	19.0 – 18.5mm	3/4"
08540-19.5	19.5 – 19.0mm	49/64"
08540-20.0	20.0 – 19.5mm	25/32"
08540-20.5	20.5 – 20.0mm	51/64"
08540-21.0	21.0 – 20.5mm	13/16"
08540-21.5	21.5 – 21.0mm	27/32"
08540-22.0	22.0 – 21.5mm	55/64"
08540-22.5	22.5 – 22.0mm	7/8"
08540-23.0	23.0 – 22.5mm	29/32"
08540-23.5	23.5 – 23.0mm	59/64"
08540-24.0	24.0 – 23.5mm	15/16"
08540-24.5	24.5 – 24.0mm	61/64"
08540-25.0	25.0 – 24.5mm	31/32"
08540-25.5	25.5 – 25.0mm	1.0"
08540-26.0	26.0 – 25.5mm	1 1/64"

TG75 COLLETS & NUT

pg. 62 pg. 64 pg. 229 pg. 236 pg. 238



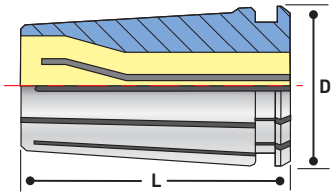
FEATURES

- .0004" T.I.R.
- Precision ground & hand inspected
- Clamping range: 1/64"



DIMENSIONS

Series	L	D
TG75	1.844"	1.062"



TG75 SETS

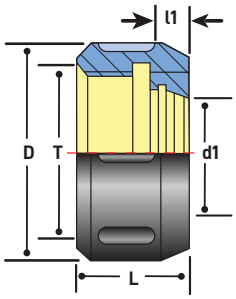
Part No.	Pieces	ID Sizes
04008-43S	43	1/8" - 3/4" by 64ths
04008-22S	22	1/8" - 3/4" by 32nds
04008-11S	11	1/8" - 3/4" by 16ths

TG75 COLLETS

Part No.	Shank	Part No.	Shank	Part No.	Shank	Part No.	Shank
04008-3/32	3/32"	04008-17/64	17/64"	04008-7/16	7/16"	04008-39/64	39/64"
04008-7/64	7/64"	04008-9/32	9/32"	04008-29/64	29/64"	04008-5/8	5/8"
04008-1/8	1/8"	04008-19/64	19/64"	04008-15/32	15/32"	04008-41/64	41/64"
04008-9/64	9/64"	04008-5/16	5/16"	04008-31/64	31/64"	04008-21/32	21/32"
04008-5/32	5/32"	04008-21/64	21/64"	04008-1/2	1/2"	04008-43/64	43/64"
04008-11/64	11/64"	04008-11/32	11/32"	04008-33/64	33/64"	04008-11/16	11/16"
04008-3/16	3/16"	04008-23/64	23/64"	04008-17/32	17/32"	04008-45/64	45/64"
04008-13/64	13/64"	04008-3/8	3/8"	04008-35/64	35/64"	04008-23/32	23/32"
04008-7/32	7/32"	04008-25/64	25/64"	04008-9/16	9/16"	04008-47/64	47/64"
04008-15/64	15/64"	04008-13/32	13/32"	04008-37/64	37/64"	04008-3/4	3/4"
04008-1/4	1/4"	04008-27/64	27/64"	04008-19/32	19/32"		

TG75 POWERCOAT COLLET NUT





FEATURES

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

Part No.	Description	D	d1	T	l1	L	Wrench	Torque
84012	TG75 Collet Nut	1.88"	-	1 1/2 - 12"	0.32"	0.94"	04018	90 ft/lb

TG100 COLLETS & NUTS



FEATURES

- .0004" T.I.R.
- Precision ground & hand inspected
- Clamping range: 1/64"
- Metric sizes in stock

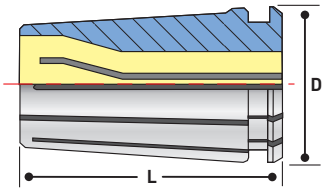


TG100 COLLET SETS

Part No.	Pcs.	ID Sizes
04010-59S	59	3/32 - 1" by 64ths
04010-41S	41	3/8 - 1" by 64ths
04010-30S	30	3/32 - 1" by 32nds
04010-21S	21	3/8 - 1" by 32nds
04010-15S	15	1/8 - 1" by 16ths

DIMENSIONS

Series	L	D
TG100	2.375"	1.379"

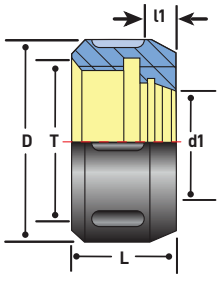


TG100 COLLETS

Part No.	Shank	Part No.	Shank	Part No.	Shank	Part No.	Shank
04010-3/32	3/32"	04010-21/64	21/64"	04010-9/16	9/16"	04010-25/32	25/32"
04010-7/64	7/64"	04010-11/32	11/32"	04010-37/64	37/64"	04010-51/64	51/64"
04010-1/8	1/8"	04010-23/64	23/64"	04010-19/32	19/32"	04010-13/16	13/16"
04010-9/64	9/64"	04010-3/8	3/8"	04010-39/64	39/64"	04010-53/64	53/64"
04010-5/32	5/32"	04010-25/64	25/64"	04010-5/8	5/8"	04010-27/32	27/32"
04010-11/64	11/64"	04010-13/32	13/32"	04010-41/64	41/64"	04010-55/64	55/64"
04010-3/16	3/16"	04010-27/64	27/64"	04010-21/32	21/32"	04010-7/8	7/8"
04010-13/64	13/64"	04010-7/16	7/16"	04010-43/64	43/64"	04010-57/64	57/64"
04010-7/32	7/32"	04010-29/64	29/64"	04010-11/16	11/16"	04010-29/32	29/32"
04010-15/64	15/64"	04010-15/32	15/32"	04010-45/64	45/64"	04010-59/64	59/64"
04010-1/4	1/4"	04010-31/64	31/64"	04010-23/32	23/32"	04010-15/16	15/16"
04010-17/64	17/64"	04010-1/2	1/2"	04010-47/64	47/64"	04010-61/64	61/64"
04010-9/32	9/32"	04010-33/64	33/64"	04010-3/4	3/4"	04010-31/32	31/32"
04010-19/64	19/64"	04010-17/32	17/32"	04010-49/64	49/64"	04010-63/64	63/64"
04010-5/16	5/16"	04010-35/64	35/64"	04010-20	20mm	04010-1	1.0"

TG100 POWERCOAT NUT





FEATURES

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

Part No.	Description	D	d1	T	l1	L	Spanner	Torque
28110	TG100 Collet Nut	2.35"	1.12"	1-7/8" - 12	0.44"	1.18"	03691	95 ft/lbs.
28210	TG100 Coolant Collet Nut	2.35"	.95"	1-7/8" - 12	0.44"	1.41"	03691	95 ft/lbs.

TG100 COOLANT COLLETS

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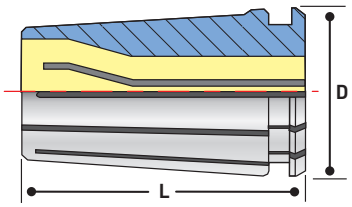
FEATURES

- .0004" T.I.R.
- Up to 750 PSI coolant
- Clamping range: 1/64"



DIMENSIONS

Series	L	D
TG100	2.375"	1.379"



TG100 COOLANT COLLET SETS

Part No.	Pcs.	ID Sizes
84063-25(SET)	25	1/4" - 1.0" by 64ths
84063-57S	57	1/8" - 1.0" by 64ths

TG100 COOLANT COLLETS

Part No.	Shank Size
84063-3/32	3/32"
84063-7/64	7/64"
84063-1/8	1/8"
84063-9/64	9/64"
84063-5/32	5/32"
84063-11/64	11/64"
84063-3/16	3/16"
84063-13/64	13/64"
84063-7/32	7/32"
84063-15/64	15/64"
84063-1/4	1/4"
84063-17/64	17/64"

Part No.	Shank Size
84063-9/32	9/32"
84063-19/64	19/64"
84063-5/16	5/16"
84063-21/64	21/64"
84063-11/32	11/32"
84063-23/64	23/64"
84063-3/8	3/8"
84063-13/32	13/32"
84063-27/64	27/64"
84063-7/16	7/16"
84063-29/64	29/64"
84063-15/32	15/32"
84063-31/64	31/64"

Part No.	Shank Size
84063-1/2	1/2"
84063-33/64	33/64"
84063-17/32	17/32"
84063-9/16	9/16"
84063-19/32	19/32"
84063-39/64	39/64"
84063-5/8	5/8"
84063-41/64	41/64"
84063-21/32	21/32"
84063-43/64	43/64"
84063-11/16	11/16"
84063-23/32	23/32"
84063-47/64	47/64"

Part No.	Shank Size
84063-3/4	3/4"
84063-49/64	49/64"
84063-25/32	25/32"
84063-51/64	51/64"
84063-13/16	13/16"
84063-53/64	53/64"
84063-27/32	27/32"
84063-55/64	55/64"
84063-7/8	7/8"
84063-57/64	57/64"
84063-29/32	29/32"
84063-59/64	59/64"
84063-15/16	15/16"
84063-61/64	61/64"
84063-31/32	31/32"
84063-63/64	63/64"
84063-1	1.0"

TG150 COLLETS



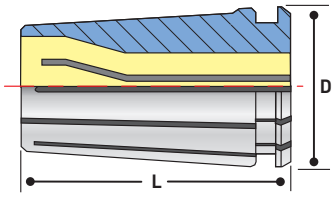
FEATURES

- .0004" T.I.R.
- Precision ground & hand inspected
- Clamping range: 1/64"



DIMENSIONS

Series	L	D
TG150	3.0"	2.001"



TG150 COLLET SETS

Part No.	Pieces	ID Sizes
04011-65S	65	1/2 - 1 1/2" by 64ths
04011-33S	33	1/2 - 1 1/2" by 32nds
04011-17S	17	1/2 - 1 1/2" by 16ths

TG150 COLLETS

Part No.	Shank
04011-17/64	17/64"
04011-3/8	3/8"
04011-7/32	7/32"
04011-1/2	1/2"
04011-33/64	33/64"
04011-17/32	17/32"
04011-35/64	35/64"
04011-9/16	9/16"
04011-37/64	37/64"
04011-19/32	19/32"
04011-39/64	39/64"
04011-5/8	5/8"
04011-41/64	41/64"
04011-21/32	21/32"
04011-43/64	43/64"
04011-11/16	11/16"
04011-45/64	45/64"

Part No.	Shank
04011-23/32	23/32"
04011-47/64	47/64"
04011-3/4	3/4"
04011-49/64	49/64"
04011-25/32	25/32"
04011-51/64	51/64"
04011-13/16	13/16"
04011-53/64	53/64"
04011-27/32	27/32"
04011-55/64	55/64"
04011-7/8	7/8"
04011-57/64	57/64"
04011-29/32	29/32"
04011-59/64	59/64"
04011-15/16	15/16"
04011-61/64	61/64"

Part No	Shank
04011-31/32	31/32"
04011-63/64	63/64"
04011-1	1 0"
04011-1 1/64	1-1/64"
04011-1 1/32	1-1/32"
04011-1 3/64	1-3/64"
04011-1 1/16	1-1/16"
04011-1 5/64	1-5/64"
04011-1 3/32	1-3/32"
04011-1 7/64	1-7/64"
04011-1 1/8	1-1/8"
04011-1 9/64	1-9/64"
04011-1 5/32	1-5/32"
04011-1 11/64	1-11/64"
04011-1 3/16	1-3/16"
04011-1 13/64	1-13/64"
04011-1 7/32	1-7/32"
04011-1 15/64	1-15/64"

Part No	Shank
04011-1 1/4	1-1/4"
04011-1 17/64	1-17/64"
04011-1 9/32	1-9/32"
04011-1 19/64	1-19/64"
04011-1 5/16	1-5/16"
04011-1 21/64	1-21/64"
04011-1 11/32	1-11/32"
04011-1 23/64	1-23/64"
04011-1 3/8	1-3/8"
04011-1 25/64	1-25/64"
04011-1 13/32	1-13/32"
04011-1 27/64	1-27/64"
04011-1 7/16	1-7/16"
04011-1 29/64	1-29/64"
04011-1 15/32	1-15/32"
04011-1 31/64	1-31/64"
04011-1 1/2	1-1/2"

SYOZ / EOC (DIN 6388) PERSKE STYLE

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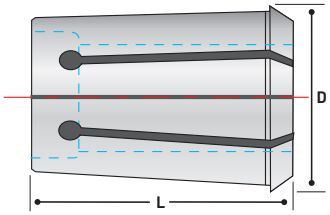
FEATURES

- **T.I.R. (runout) .0004"**
- **Collapse range: 1/64"**
- **Made from high-carbon steel**



DIMENSIONS

Part No.	L	D
SYOZ 20	34mm	20mm
SYOZ 25	52mm	35mm
EOC 08	26mm	14.4mm
EOC 16	40mm	25.5mm

These collets and collet nuts conform to DIN 6388 standards. Snap collet into the nut before screwing the nut onto the spindle or holder.

EOC8

Part No.	Shank Size
83508-0.109	0.109"
83508-1/8	1/8"
83508-3/16	3/16"
83508-1/4	1/4"
03508-17/64	17/64"
83508-3/8	3/8"
83508-5/16	5/16"
03508-03	3mm
03508-04	4mm
03508-08	8mm
03508-L	LH nut
83508-NUT	Nut

EOC 12

Part No.	Shank Size
83512-1/8	1/8"
83512-3/16	3/16"
83512-1/4	1/4"
83512-5/16	5/16"
83512-3/8	3/8"
83512-7/16	7/16"
83512-1/2	1/2"
83512-10	10mm

SYOZ25

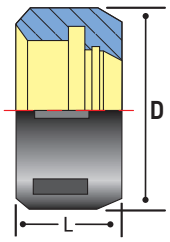
Part No.	Shank Size
83868-1/8	1/8"
83868-3/16	3/16"
83868-1/4	1/4"
83868-5/16	5/16"
83868-3/8	3/8"
83868-7/16	7/16"
83868-1/2	1/2"
83868-9/16	9/16"
83868-5/8	5/8"
83868-3/4	3/4"
83868-7/8	7/8"
83868-1	1.0"
83868-10	10mm
83868-16	16mm
83868-20	20mm
83868-25	25mm

SYOZ20 available upon request.

EOC16

Part No.	Shank Size
83531-1/8	1/8"
83531-3/16	3/16"
83531-1/4	1/4"
83531-3/8	3/8"
83531-5/16	5/16"
83531-7/16	7/16"
83531-1/2	1/2"
83531-9/16	9/16"
83531-5/8	5/8"
83531-02	2mm
83531-03	3mm
83531-04	4mm
83531-05	5mm
83531-06	6mm
83531-07	7mm
83531-08	8mm
83531-09	9mm
83531-10	10mm
83531- 11	11mm
83531-12	12mm
83531-13	13mm
83531-14	14mm
83531-15	15mm
83531-16	16mm





FEATURES

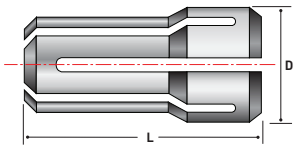
- **Balanced to 25,000 RPM**
- **Increases holding power by 75%**
- **Better rigidity and less T.I.R. (runout)**

DIN 6388 NUTS AND WRENCHES

Part No.	Descripton	L	D	Wrench
83508-NUT	EOC08 nut	19	30	-
03636-NUT	EOC16 nut	24	43	03636
83634	SYOZ20/EOC 12 nut	20	35	22220
83634-L	SYOZ20/EOC 12 left-hand nut	20	35	22220
83632	SYOZ25 PowerCOAT nut	30	60	03691

DOUBLE ANGLE (DA) COLLETS





FEATURES

- Collapse range: 1/64"
- Made from high-carbon steel
- Precision ground accuracy

DIMENSIONS

Series	L	D
DA180	1.625"	1.035"
DA100	1.438"	0.769"
DA200	1.188"	0.531"
DA300	1.000"	0.375"

DOUBLE ANGLE COLLET SETS

DA180	Description
01618-9S	9pc 1/4 – 3/4" by 16ths
01618-17S	17pc 1/4 – 3/4" by 32nds
01618-21S	21pc 1/8 – 3/4" by 32nds
01618-33S	33pc 1/4 – 3/4" by 64ths
01618-41S	41pc 1/8 – 3/4" by 64ths

DA100	Description
01610-8S	8pc 1/8 – 9/16" by 16ths
01610-15S	15pc 1/8 – 9/16" by 32nds
01610-21S	21pc 1/4 – 9/16" by 64ths
01610-29S	29pc 1/8 – 9/16" by 64ths
01610-33S	33pc 1/16 – 9/16" by 64ths

DA200	Description
01620-9S	9pc 1/8 – 3/8" by 32nds
01620-17S	17pc 1/8 – 3/8" by 64ths
01620-21S	21pc 1/16 – 3/8" by 64ths

DA300	Description
01630-7S	7pc 1/16 – 1/4" by 32nds
01630-14S	14pc 3/64 – 1/4" by 64ths

DA180	Size
01618-1/16	1/16"
01618-5/64	5/64"
01618-3/32	3/32"
01618-7/64	7/64"
01618-1/8	1/8"
01618-9/64	9/64"
01618-5/32	5/32"
01618-11/64	11/64"
01618-3/16	3/16"
01618-13/64	13/64"
01618-7/32	7/32"
01618-15/64	15/64"
01618-1/4	1/4"
01618-17/64	17/64"
01618-9/32	9/32"
01618-19/64	19/64"
01618-5/16	5/16"
01618-21/64	21/64"
01618-11/32	11/32"
01618-23/64	23/64"
01618-3/8	3/8"
01618-25/64	25/64"
01618-13/32	13/32"
01618-27/64	27/64"
01618-7/16	7/16"
01618-29/64	29/64"
01618-15/32	15/32"
01618-31/64	31/64"
01618-1/2	1/2"
01618-33/64	33/64"

DA180	Size
01618-17/32	17/32"
01618-35/64	35/64"
01618-9/16	9/16"
01618-37/64	37/64"
01618-19/32	19/32"
01618-39/64	39/64"
01618-5/8	5/8"
01618-41/64	41/64"
01618-21/32	21/32"
01618-43/64	43/64"
01618-11/16	11/16"
01618-45/64	45/64"
01618-23/32	23/32"
01618-47/64	47/64"
01618-3/4	3/4"

DA100	Size
01610-1/16	1/16"
01610-5/64	5/64"
01610-3/32	3/32"
01610-7/64	7/64"
01610-1/8	1/8"
01610-9/64	9/64"
01610-5/32	5/32"
01610-11/64	11/64"
01610-3/16	3/16"
01610-13/64	13/64"
01610-7/32	7/32"
01610-15/64	15/64"
01610-1/4	1/4"

DA100	Size
01610-17/64	17/64"
01610-9/32	9/32"
01610-19/64	19/64"
01610-5/16	5/16"
01610-21/64	21/64"
01610-11/32	11/32"
01610-23/64	23/64"
01610-3/8	3/8"
01610-25/64	25/64"
01610-13/32	13/32"
01610-27/64	27/64"
01610-7/16	7/16"
01610-29/64	29/64"
01610-15/32	15/32"
01610-31/64	31/64"
01610-1/2	1/2"
01610-33/64	33/64"
01610-17/32	17/32"
01610-35/64	35/64"
01610-9/16	9/16"

DA200	Size
01620-3/64	3/64"
01620-1/16	1/16"
01620-5/64	5/64"
01620-3/32	3/32"
01620-7/64	7/64"
01620-1/8	1/8"
01620-9/64	9/64"
01620-5/32	5/32"

DA200	Size
01620-11/64	11/64"
01620-3/16	3/16"
01620-13/64	13/64"
01620-7/32	7/32"
01620-15/64	15/64"
01620-1/4	1/4"
01620-17/64	17/64"
01620-9/32	9/32"
01620-19/64	19/64"
01620-5/16	5/16"
01620-21/64	21/64"
01620-11/32	11/32"
01620-23/64	23/64"
01620-3/8	3/8"

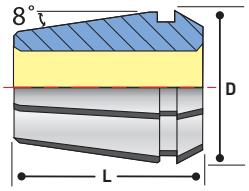
DA300	Size
01630-3/64	3/64"
01630-1/16	1/16"
01630-5/64	5/64"
01630-3/32	3/32"
01630-7/64	7/64"
01630-1/8	1/8"
01630-9/64	9/64"
01630-5/32	5/32"
01630-11/64	11/64"
01630-3/16	3/16"
01630-13/64	13/64"
01630-7/32	7/32"
01630-15/64	15/64"
01630-1/4	1/4"

COLLET I.D. GUIDE AND SPECIAL ORDERS

pg. 62 pg. 64 pg. 229 pg. 236 pg. 238

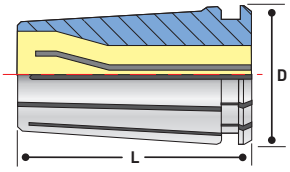
Use the guide below for selecting replacement collets. The best way to tell what type of collet you have is to measure the length of the collet. Collets all have unique measurements. For best results always use a PowerCOAT nut tightened to proper specification using an accurate torque wrench.

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



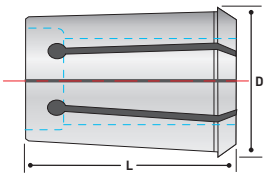
ER Collet Style

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



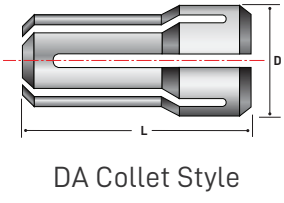
TG Collet Style

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")



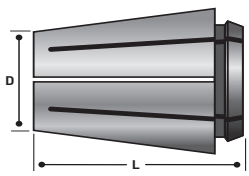
SYOZ Collet Style

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



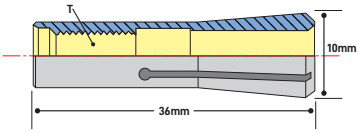
DA Collet Style

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 × 1.0P	9 ft/lbs
SBL12	M10 × 1.5P	44 ft/lbs
SBL20	M12 × 1.75P	74 ft/lbs



SlimFIT Collet Style

SPECIAL ORDER COLLETS – CALL US FOR ASSISTANCE

Length _____ Diameter _____ Other Markings _____