

DA

DOUBLEANGLECOLLETS&CHUCKS



DA/PR/EC



DA(DOUBLEANGLE)COLLETCHUCKS

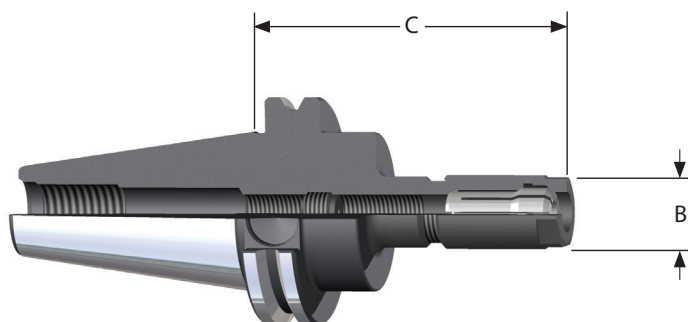
- Proudly made-in-USA
- Constructed with AISI 8620 Alloy Steel for superior wear resistance
- Hardened to 52-56 Rc for durability and long service life
- Available in CAT 40 /50, BT 40, and Straight-Shank Extensions
- Taper to collet seat accuracy of 0.0004" or better



DA (DOUBLE ANGLE) COLLETS

- Huge selection of DA 300, 200, 100, and 180 series
- Inch and metric bore sizes for best holding power and accuracy
- Made from high-carbon bearing steel for improved flexibility

Double-Angle Collet Chucks



FEATURES

- Made-in-USA quality
- Hardened to 52-56 RC for maximum durability
- Constructed of alloy steel for long, durable service life
- Tap to collet seat accuracy of 0.0004" or better

CAT 40 Double-Angle Collet Chucks

Part #	Collet Series	B (Dia.)	C	Max. Shank	Backup Screw (Incl.)	Nut (Incl.)	Wrench (Opt.)
C40-30DC3	DA 300	.62"	3.38"	.250"	029-909	CN30	300CNW
C40-30DC5	DA 300	.62"	5.15"	.250"	029-909	CN30	300CNW
C40-20DC2	DA 200	1.10"	2.73"	.393"	BS-20	CN20	ECN75W
C40-20DC3	DA 200	1.10"	3.00"	.393"	BS-20	ECN75	ECN75W
C40-20DC5	DA 200	1.10"	5.00"	.393"	BS-20	ECN75	ECN75W
C40-18DC2	DA 180	1.44"	2.95"	.787"	BS-18	ECN12	ECN12W
C40-18DC3	DA 180	1.44"	3.38"	.787"	BS-18	ECN12	ECN12W
C40-18DC5	DA 180	1.44"	5.15"	.787"	BS-18	ECN12	ECN12W

CAT 50 Double-Angle Collet Chucks

Part #	Collet Series	B (Dia.)	C	Max. Shank	Backup Screw (Incl.)	Nut (Incl.)	Wrench (Opt.)
C50-18DC3	DA 180	1.44"	3.38"	.787"	BS-18	ECN12	ECN12W
C50-18DC6	DA 180	1.44"	6.15"	.787"	BS-18	ECN12	ECN12W
C50-18DC8	DA 180	1.44"	8.15"	.787"	BS-18	ECN12	ECN12W

BT 40 Double-Angle Collet Chucks

Part #	Collet Series	B (Dia.)	C	Max. Shank	Backup Screw (Incl.)	Nut (Incl.)	Wrench (Opt.)
B40-30DC3	DA 300	.62"	3.00"	.250"	029-909	CN30	300CNW
B40-20DC2	DA 200	1.10"	2.75"	.393"	BS-20	CN20	ECN75W
B40-18DC3	DA 180	1.44"	3.00"	.787"	BS-18	ECN12	ECN12W

DoubleAngleColletExtensions



FEATURES

- Made-in-USA quality
- Constructed of alloy steel for long, durable service life
- Hardened to 52-56 RC for maximum durability
- Tap to collet seat accuracy of 0.0004" or better

DA 300 Extension

Part #	A (Dia.)	B (Dia.)	C	Overall Length	Max. Shank	Nut (Incl.)	Wrench (Opt.)
EXT500	.50"	.56"	1.32"	6.82"	.250"	ECN50	ECN50W

DA 200 Extension

Part #	A (Dia.)	B (Dia.)	C	Overall Length	Max. Shank	Nut (Incl.)	Wrench (Opt.)
EXT750	.75"	.81"	1.69"	7.14"	.393"	ECN75	ECN75W

DA 100 Extension

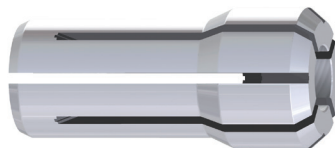
Part #	A (Dia.)	B (Dia.)	C	Overall Length	Max. Shank	Nut (Incl.)	Wrench (Opt.)
EXT100	1.00"	1.06"	1.83"	7.28"	.562"	ECN10	ECN10W

DA 180 Extension

Part #	A (Dia.)	B (Dia.)	C	Overall Length	Max. Shank	Nut (Incl.)	Wrench (Opt.)
EXT125	1.25"	1.44"	1.81"	7.88"	.787"	ECN12	ECN12W

DA Collet Chucks

DA Collets | Inch



Double-Angle Collet

FEATURES

- Made from high-carbon bearing steel for improved flexibility
- Precision ground accuracy
- 1/64" collapse range

DA 300 Collets - Inch

Part #	Size	Range
DA300-0046	3/64"	.031" - .046"
DA300-0062	1/16"	.046" - .062"
DA300-0078	5/64"	.062" - .078"
DA300-0093	3/32"	.078" - .093"
DA300-0109	7/64"	.092" - .109"
DA300-0125	1/8"	.109" - .125"
DA300-0140	9/64"	.125" - .140"
DA300-0156	5/32"	.140" - .156"
DA300-0171	11/64"	.156" - .171"
DA300-0187	3/16"	.171" - .187"
DA300-0203	13/64"	.187" - .203"
DA300-0218	7/32"	.203" - .218"
DA300-0234	15/64"	.218" - .234"
DA300-0250	1/4"	.234" - .250"

DA 300 Collet Set - Inch

Part #	Pcs.	Range
DA300-S005	5	1/8"-1/4"by1/32"
DA300-S008	8	3/64"-1/4"by1/32"
DA300-S009	9	1/8"-1/4"by1/64"
DA300-S016	14	3/64"-1/4"by1/64"
DA300-S031	7	1/16"-1/4"by1/32"

DA 200 Collets - Inch

Part #	Size	Range
DA200-0046	3/64"	.031" - .046"
DA200-0062	1/16"	.046" - .062"
DA200-0078	5/64"	.062" - .078"
DA200-0093	3/32"	.078" - .093"
DA200-0109	7/64"	.092" - .109"
DA200-0125	1/8"	.109" - .125"
DA200-0140	9/64"	.125" - .140"
DA200-0156	5/32"	.140" - .156"
DA200-0171	11/64"	.156" - .171"
DA200-0187	3/16"	.171" - .187"
DA200-0203	13/64"	.187" - .203"
DA200-0218	7/32"	.203" - .218"
DA200-0234	15/64"	.218" - .234"
DA200-0250	1/4"	.234" - .250"
DA200-0265	17/64"	.250" - .265"
DA200-0281	9/32"	.265" - .281"
DA200-0296	19/64"	.281" - .296"
DA200-0312	5/16"	.296" - .312"
DA200-0328	21/64"	.312" - .328"
DA200-0343	11/32"	.328" - .343"
DA200-0359	23/64"	.343" - .359"
DA200-0375	3/8"	.359" - .375"
DA200-0390	25/64"	.375" - .390"

DA 200 Collet Set - Inch

Part #	Pcs.	Range
DA200-S009	9	1/8"-3/8"by1/32"
DA200-S016	16	1/16"-3/8"by1/64"
DA200-S017	17	1/8"-3/8"by1/64"
DA200-S031	11	1/16"-3/8"by1/32"

DA 100 Collets - Inch

Part #	Size	Range
DA100-0046	3/64"	.031" - .046"
DA100-0062	1/16"	.046" - .062"
DA100-0078	5/64"	.062" - .078"
DA100-0093	3/32"	.078" - .093"
DA100-0109	7/64"	.092" - .109"
DA100-0125	1/8"	.109" - .125"
DA100-0140	9/64"	.125" - .140"
DA100-0156	5/32"	.140" - .156"
DA100-0171	11/64"	.156" - .171"
DA100-0187	3/16"	.171" - .187"
DA100-0203	13/64"	.187" - .203"
DA100-0218	7/32"	.203" - .218"
DA100-0234	15/64"	.218" - .234"
DA100-0250	1/4"	.234" - .250"
DA100-0265	17/64"	.250" - .265"

DA Collets | Inch

DA100 Collets-Inch(cont'd)

Part #	Size	Range
DA100-0281	9/32"	.265" - .281"
DA100-0296	19/64"	.281" - .296"
DA100-0312	5/16"	.296" - .312"
DA100-0328	21/64"	.312" - .328"
DA100-0343	11/32"	.328" - .343"
DA100-0359	23/64"	.343" - .359"
DA100-0375	3/8"	.359" - .375"
DA100-0390	25/64"	.375" - .390"
DA100-0406	13/32"	.390" - .406"
DA100-0421	27/64"	.406" - .421"
DA100-0437	7/16"	.421" - .437"
DA100-0453	29/64"	.437" - .453"
DA100-0468	15/32"	.453" - .468"
DA100-0484	31/64"	.468" - .484"
DA100-0500	1/2"	.484" - .500"
DA100-0515	33/64"	.500" - .515"
DA100-0531	17/32"	.515" - .531"
DA100-0546	35/64"	.531" - .546"
DA100-0562	9/16"	.546" - .562"

DA 100 Collet Set - Inch

Part #	Size	Range
DA100-S011	11	1/4"-9/16"by1/32"
DA100-S016	29	1/8"-9/16"by1/64"
DA100-S021	21	1/4"-9/16"by1/64"
DA100-S031	15	1/8"-9/16"by1/32"
DA100-S033	33	1/16"-9/16"by1/64"

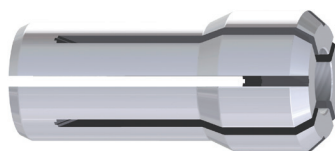
DA 180 Collets - Inch

Part #	Size	Range
DA180-0046	3/64"	.031" - .046"
DA180-0062	1/16"	.046" - .062"
DA180-0078	5/64"	.062" - .078"
DA180-0093	3/32"	.078" - .093"
DA180-0109	7/64"	.092" - .109"
DA180-0125	1/8"	.109" - .125"
DA180-0140	9/64"	.125" - .140"
DA180-0156	5/32"	.140" - .156"
DA180-0171	11/64"	.156" - .171"
DA180-0187	3/16"	.171" - .187"
DA180-0203	13/64"	.187" - .203"
DA180-0218	7/32"	.203" - .218"
DA180-0234	15/64"	.218" - .234"
DA180-0250	1/4"	.234" - .250"
DA180-0265	17/64"	.250" - .265"
DA180-0281	9/32"	.265" - .281"
DA180-0296	19/64"	.281" - .296"
DA180-0312	5/16"	.296" - .312"
DA180-0328	21/64"	.312" - .328"
DA180-0343	11/32"	.328" - .343"
DA180-0359	23/64"	.343" - .359"
DA180-0375	3/8"	.359" - .375"
DA180-0390	25/64"	.375" - .390"
DA180-0406	13/32"	.390" - .406"
DA180-0421	27/64"	.406" - .421"
DA180-0437	7/16"	.421" - .437"
DA180-0453	29/64"	.437" - .453"

DA180 Collets-Inch(cont'd)

Part #	Size	Range
DA180-0468	15/32"	.453" - .468"
DA180-0484	31/64"	.468" - .484"
DA180-0500	1/2"	.484" - .500"
DA180-0515	33/64"	.500" - .515"
DA180-0531	17/32"	.515" - .531"
DA180-0546	35/64"	.531" - .546"
DA180-0562	9/16"	.546" - .562"
DA180-0578	37/64"	.562" - .578"
DA180-0593	16/32"	.578" - .593"
DA180-0609	39/64"	.593" - .609"
DA180-0625	5/8"	.609" - .625"
DA180-0640	41/64"	.625" - .640"
DA180-0656	21/32"	.640" - .656"
DA180-0671	43/64"	.656" - .671"
DA180-0687	11/16"	.671" - .687"
DA180-0703	45/64"	.687" - .703"
DA180-0718	23/32"	.703" - .718"
DA180-0734	47/64"	.718" - .734"
DA180-0750	3/4"	.734" - .750"

DA Collets | Metric



Double-Angle Collet

FEATURES

- Made from high-carbon bearing steel for improved flexibility
- Precision ground accuracy
- 0.4 mm collapse range

DA 300 Collets - Metric

Part #	Size
DA300-1MM	1 mm
DA300-1.5MM	1.5 mm
DA300-2MM	2 mm
DA300-2.5MM	2.5 mm
DA300-3MM	3 mm
DA300-3.5MM	3.5 mm
DA300-4MM	4 mm
DA300-4.5MM	4.5 mm
DA300-5MM	5 mm
DA300-5.5MM	5.5 mm
DA300-6MM	6 mm

DA 200 Collets - Metric

Part #	Size
DA200-1MM	1 mm
DA200-1.5MM	1.5 mm
DA200-2MM	2 mm
DA200-2.5MM	2.5 mm
DA200-3MM	3 mm
DA200-3.5MM	3.5 mm
DA200-4MM	4 mm
DA200-4.5MM	4.5 mm
DA200-5MM	5 mm
DA200-5.5MM	5.5 mm
DA200-6MM	6 mm
DA200-6.5MM	6.5 mm
DA200-7MM	7 mm
DA200-7.5MM	7.5 mm
DA200-8MM	8 mm
DA200-8.5MM	8.5 mm
DA200-9MM	9 mm
DA200-9.5MM	9.5 mm
DA200-10MM	10 mm

DA 100 Collets - Metric

Part #	Size
DA100-1MM	1 mm
DA100-1.5MM	1.5 mm
DA100-2MM	2 mm
DA100-2.5MM	2.5 mm
DA100-3MM	3 mm
DA100-3.5MM	3.5 mm
DA100-4MM	4 mm
DA100-4.5MM	4.5 mm
DA100-5MM	5 mm
DA100-5.5MM	5.5 mm
DA100-6MM	6 mm
DA100-6.5MM	6.5 mm
DA100-7MM	7 mm
DA100-7.5MM	7.5 mm
DA100-8MM	8 mm
DA100-8.5MM	8.5 mm
DA100-9MM	9 mm
DA100-9.5MM	9.5 mm
DA100-10MM	10 mm
DA100-10.5MM	10.5 mm
DA100-11MM	11 mm
DA100-11.5MM	11.5 mm

DA Collets | Metric

DA100 Collets-Metric(cont'd)

Part #	Size
DA100-11.5MM	11.5 mm
DA100-12MM	12 mm
DA100-12.5MM	12.5 mm
DA100-13MM	13 mm
DA100-13.5MM	13.5 mm
DA100-14MM	14 mm

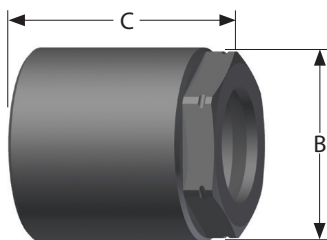
DA180 Collets-Metric(cont'd)

Part #	Size
DA180-13.5MM	13.5 mm
DA180-14MM	14 mm
DA180-14.5MM	14.5 mm
DA180-15MM	15 mm
DA180-15.5MM	15.5 mm
DA180-16MM	16 mm
DA180-16.5MM	16.5 mm
DA180-17MM	17 mm
DA180-17.5MM	17.5 mm
DA180-18MM	18 mm
DA180-18.5MM	18.5 mm
DA180-19MM	19 mm
DA180-19.5MM	19.5 mm
DA180-20MM	20 mm

DA 180 Collets - Metric

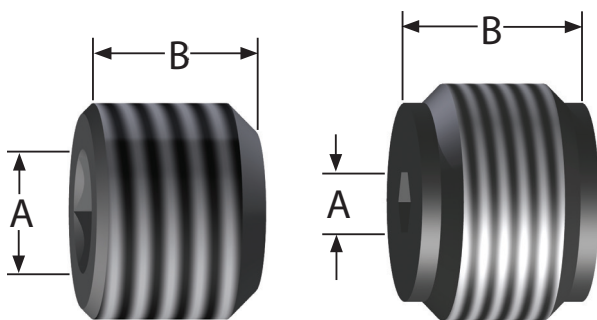
Part #	Size
DA180-1MM	1 mm
DA180-1.5MM	1.5 mm
DA180-2MM	2 mm
DA180-2.5MM	2.5 mm
DA180-3MM	3 mm
DA180-3.5MM	3.5 mm
DA180-4MM	4 mm
DA180-4.5MM	4.5 mm
DA180-5MM	5 mm
DA180-5.5MM	5.5 mm
DA180-6MM	6 mm
DA180-6.5MM	6.5 mm
DA180-7MM	7 mm
DA180-7.5MM	7.5 mm
DA180-8MM	8 mm
DA180-8.5MM	8.5 mm
DA180-9MM	9 mm
DA180-9.5MM	9.5 mm
DA180-10MM	10 mm
DA180-10.5MM	10.5 mm
DA180-11MM	11 mm
DA180-11.5MM	11.5 mm
DA180-12MM	12 mm
DA180-12.5MM	12.5 mm
DA180-13MM	13 mm

Double-Angle Collet Nuts



Double-Angle Collet Nuts

Part #	Collet Series	B	C	Hex	Thread	Wrench
CN30	DA 300	.62"	1.10"	1/2"	1/2" - 28	300CNW
ECN50	DA 300	.56"	1.10"	1/2"	7/16" - 32	ECN50W
CN20	DA 200	1.10"	.88"	1"	3/4" - 16	ECN20W
ECN75	DA 200	1.44"	1.38"	3/4"	11/16" - 20	ECN75W
ECN10	DA 100	1.06"	1.50"	15/16"	15/16" - 20	ECN10W
ECN12	DA 180	1.44"	1.60"	1-1/4"	1-1/4" - 16	ECN12W



Type I Standard
with Coolant Hole

Type II Standard
with Coolant Hole

Type I & II Backup Screws

Part #	Collet Series	Type	A	B	"Thread (left-handed)"
029-909	DA 300	I	5/32"	1/4"	15/16" - 24
BS-20	DA 200	II	7/32"	3/8"	7/16" - 20
029-911	DA 100	I	3/16"	9/16"	13/16" - 16
BS-18	DA 180	II	3/16"	9/16"	13/16" - 16

Double-Angle Collet Wrenches



Open End Wrench ECN20W shown here

Double-Angle Collet Wrenches

Part #	Collet Series	Hex
300CNW	DA 300	1/2"
ECN50W	DA 300	1/2"
ECN20W	DA 200	1"
ECN75W	DA 200	3/4"
ECN10W	DA 100	15/16"
ECN12W	DA 180	1-1/4"