



AUSTRALIAN

LIVE CENTRE & TOOLING

CATALOGUE



**AUSTRALIAN
MADE**



Welcome to Australian Live Centre & Tooling

Two Legacies. One supreme Standard.

Welcome to the catalogue of Australian Live Centre & Tooling (ALCT). Created from the strategic merger of two of Australia's most trusted names in precision Live Centre manufacturing - Daintree Tools and Piper Tools. ALCT represents a new era in engineering excellence.

By combining Daintree's renowned expertise in robust live centres with Piper's legacy of high-performance precision tooling, we have created a single, comprehensive powerhouse dedicated to supporting the Australian manufacturing, machining, and engineering sectors.



Australian Live Centre & Tooling is an Australian, family owned business with over 80 years experience in fine tuning and perfecting the production of exceptional quality Live Centres.

Our Australian made, live centres incorporate quality heavy duty bearings, fully sealed and lubricated for extended life.

Technical advances in production ensure our live centres maintain accurate concentric work, have increased operational range and eliminate the need for adjustment during operation.

Take advantage of our extensive in-house range, or contact us to discuss a product to be made to your required specifications.





Our Range

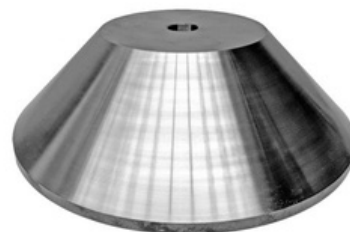
At Australian Live Centre, we stock a comprehensive, premium range of live centres, dead centres, pipe cones, chucking live centres, and countersinks. Engineered for precision and built to last, our entire range is proudly manufactured right here in Australia.



Live Centres



Dead Centres



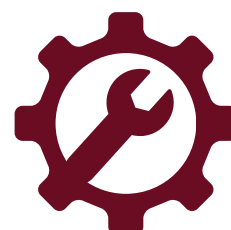
Pipe Cones



Chucking Live Centres



Counter Sinks



**Special
Manufacture
& Rebuild**

Special Manufacture Items - Special live centres made upon request. Contact us for a quote.

Repair and Rebuild

Recondition your live centre for less than the cost of a new centre.

Having issues with your Live Centre? Instead of buying a new Live Centre we have a new option for you!

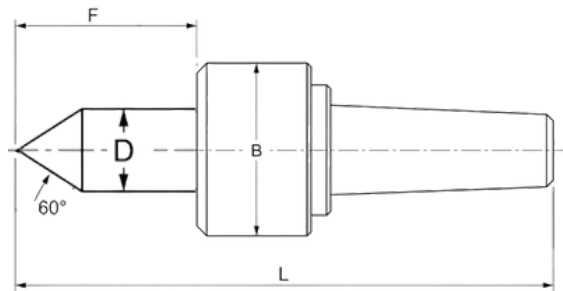
Return us your **Australian Live Centre & Tooling Live Centre**, we will rebuild the new unit where possible, to it's original condition and accuracy.



Your rebuilt centre will be restored to original accuracy and receive the same warranty as a new centre.

Daintree Tools 300 Series CP 60° Live Centre

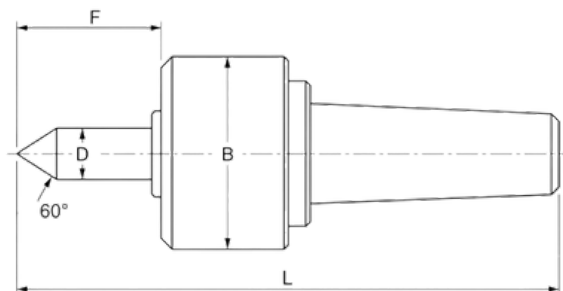
300 series live centres are pipe series. These are compatible with the 60° and 90° pipe cones.



Part #	Morse Taper No.	D mm	B mm	F mm	L mm	RPM	Load Carry Capacity	APP. WT
LC333	3	23.7	52	45	-	4500	500KG	1.2KG
LC344	4	23.7	58	45	-	4000	650KG	1.4KG
LC355	5	38	87	72	-	3000	2500KG	3.6KG
LC366	6	43	98	72.2	-	2500	4500KG	6.7KG

Daintree Tools 400 Series SP 60° Live Centre

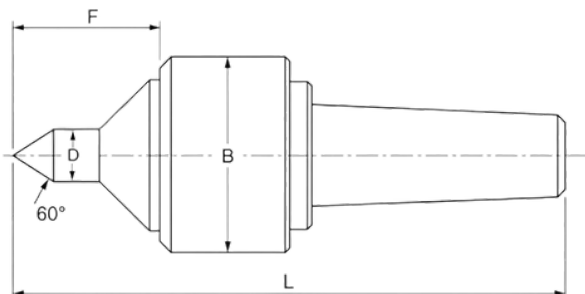
400 series live centres are our space point centres. These centres allow maximum tool access.



Part #	Morse Taper No.	D mm	B mm	F mm	L mm	RPM	Load Carry Capacity	APP. WT
LC433	3	9	52	32	-	4500	500KG	1.2KG
LC444	4	11	58	36	-	4000	1000KG	1.4KG
LC455	5	14	64	44	-	3000	1500KG	3.6KG

Daintree Tools 400 Series CP 60° Live Centre

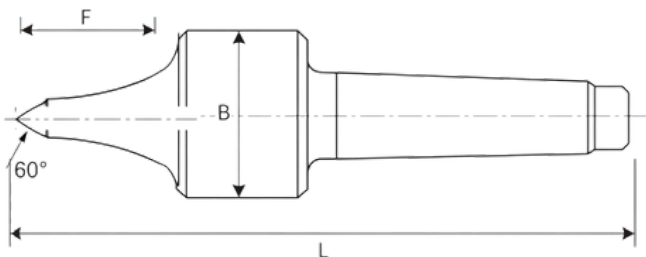
400 series live centres are our copy point centres. These centres allow maximum tool access.



Part #	Morse Taper No.	D mm	B mm	F mm	L mm	RPM	Load Carry Capacity	APP. WT
LC4330	3	9	52	33	-	4500	500KG	1.2KG
LC4440	4	11	58	42	-	4000	1000KG	1.4KG
LC4550	5	14	64	44	-	3500	1500KG	3.6KG

Piper Tools 9000 Series - High Speed 60° Live Centre

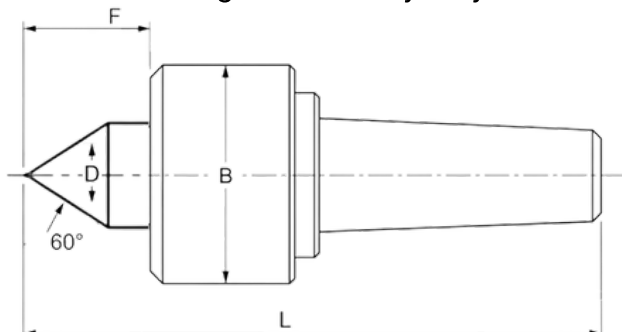
9000 series live centres deliver exceptional rigid support, minimum runout, and advanced sealing technology for uninterrupted, high-precision automated turning operations.



Part #	Morse Taper No.	D mm	B mm	F mm	L mm	RPM	Load Carry Capacity	APP. WT
9003	3	N/A	52	40	173	9000	350KG	-
9004	4	N/A	66	50	210	7500	700KG	-
9005	5	N/A	80	60	246	6100	1150KG	-

Daintree Tools 500 Series 60° Live Centre

500 series live centres are our heavy duty range.
These are a high load, heavy duty centre.



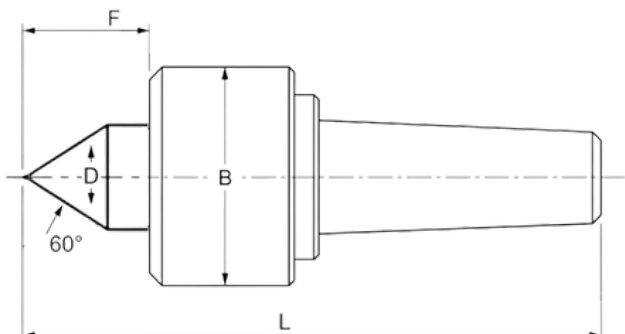
Part #	Morse Taper No.	D mm	B mm	F mm	L mm	RPM	Load Carry Capacity	APP. WT
LC533	3	20	52	32	-	4500	500KG	1.2KG
LC544	4	25	58	36	-	4000	1000KG	1.4KG
LC555	5	40	87	34	-	2500	4000KG	3.6KG
LC566	6	48	98	41	-	1800	7000KG	6.7KG
LC566VHD	6	70	148	68	-	1600	18000KG	20KG
LC577	7	70	148	70	-	1600	20000KG	23KG

LIVE CENTRES



Piper Tools R Series - Heavy Duty 60° Live Centre

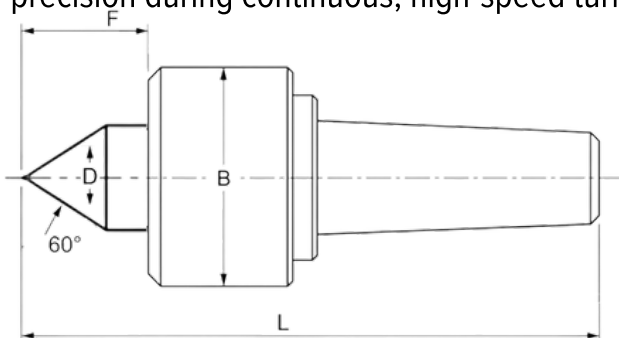
R series live centres deliver extreme load-carrying capacities and maximum durability in high-stress, high-load machining environments.



Part #	Morse Taper No.	D mm	B mm	F mm	L mm	RPM	Load Carry Capacity	APP. WT
R-303-HD	3	25	60	32	-	-	200KG	-
R-304-HD	4	28	63	36	-	-	635KG	-
R-305-HD	5	41.5	88	49	-	-	3000KG	10KG
R-306-HD	6	60	106	67	-	-	6000KG	-
R-307-HD	7	60	136	67	-	-	6000KG	-

Piper Tools 8000 Series - High Speed 60° Live Centre

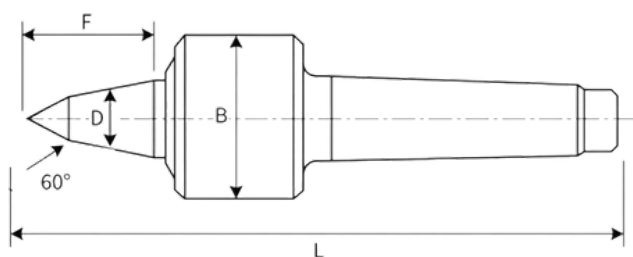
8000 series live centres deliver maximum stability and vibration-free precision during continuous, high-speed turning operations.



Part #	Morse Taper No.	D mm	B mm	F mm	L mm	RPM	Load Carry Capacity	APP. WT
8003	3	20	52	30	173	9000	450KG	-
8004	4	24	66	38	210	7500	950KG	-
8005	5	30	80	50	246	6100	1500KG	-

Piper Tools C Series - Heavy Duty Extended Cone 60° Live Centre

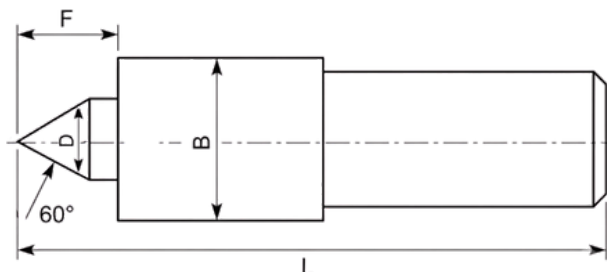
C series live centres are built to absorb heavy radial and axial loads while allowing close tool approach for precision profile and copy turning.



Part #	Morse Taper No.	D mm	B mm	F mm	L mm	RPM	Load Carry Capacity	APP. WT
C-302-HD	2	21	48	47	-	-	100KG	-
C-303-HD	3	25	60	47	-	-	200KG	-
C-304-HD	4	28	63	57	-	-	400KG	-
C-305-HD	5	43	95	64	-	-	1000KG	-
C-306-HD	6	60	105	97	-	-	6000KG	-

Daintree Tools 600 Series STD 60° Live Centre

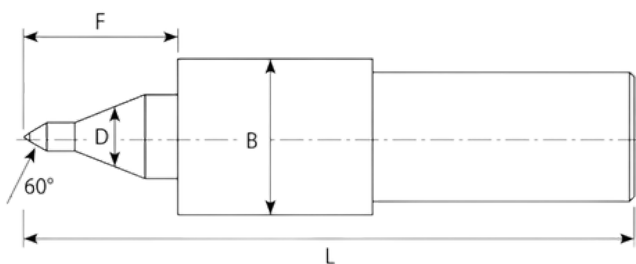
600 series live centres are our spring loaded centres designed specifically for the CNC market.



Part #	DIA mm	D mm	B mm	F mm	L mm	RPM	Load Carry Capacity	APP. WT
SLLCS132	32	27	58	35	-	5000	1200KG	3.0KG
SLLCS140	40	27	58	35	-	5000	1200KG	3.0KG
SLLCS240	40	32	63	40	-	4000	1200KG	3.0KG
SLLCS250	50	32	63	40	-	4000	1200KG	3.0KG

Daintree Tools 600 Series SP 60° Live Centre

600 SP series live centres are our spring loaded space point centres designed specifically for the CNC market.

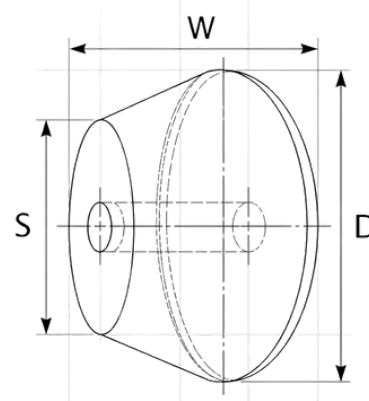
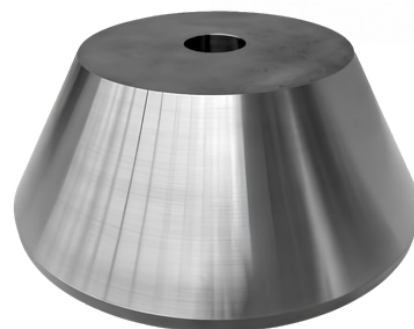


Part #	DIA mm	D mm	B mm	F mm	L mm	RPM	Load Carry Capacity	APP. WT
SLLCS132SP	32	27	40	52	-	5000	800KG	3.0KG
SLLCS140SP	40	27	40	52	-	5000	800KG	3.0KG
SLLCS240SP	40	32	63	48	-	4000	800KG	3.0KG
SLLCS250SP	50	32	63	48	-	4000	800KG	3.0KG

Daintree Tools 600 Series Cones 60° Pipe Cones

Proudly engineered and manufactured in Australia, the Daintree Tools Pipe Cones are, heavy-duty morse taper live centres from the specialised Pipe Cone (PC) series. Engineered specifically for the extreme demands of heavy industrial fabrication, oil and gas machining, and mining engineering, this model features a large-diameter 60deg integrated pipe cone head designed to provide maximum concentric support for large pipes, tubes, and heavy hollow-core components.

Built with high-capacity Japanese bearings that are fully sealed and lubricated for life.

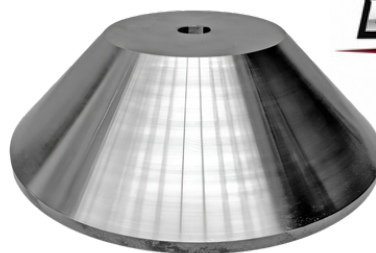
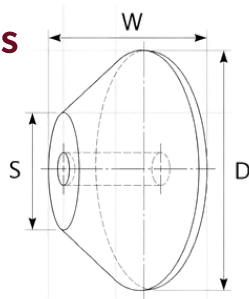


Part #	MT	D mm	W mm	S mm	APP. WT	Compatible With
PC64040	4	40	52	20	0.5KG	Live Centre: LC344 Dead Centre: DC304
PC64065	4	65	36	33	0.6KG	Live Centre: LC344 Dead Centre: DC304
PC64087	4	87	53	33	1.0KG	Live Centre: LC344 Dead Centre: DC304
PC64112	4	112	75	33	1.3KG	Live Centre: LC344 Dead Centre: DC304
PC64127	4	127	78	42	1.7KG	Live Centre: LC344 Dead Centre: DC304
PC64165	4	165	98	57	2.7KG	Live Centre: LC344 Dead Centre: DC304
PC65065	5 + 6	65	65	35	0.5KG	Live Centre: LC355 & LC366 Dead Centre: DC305 & DC306
PC65087	5 + 6	87	49	42	0.6KG	Live Centre: LC355 & LC366 Dead Centre: DC305 & DC306
PC65112	5 + 6	112	68	42	1.2KG	Live Centre: LC355 & LC366 Dead Centre: DC305 & DC306
PC65127	5 + 6	127	79	42	1.7KG	Live Centre: LC355 & LC366 Dead Centre: DC305 & DC306
PC65165	5 + 6	165	99	57	2.7KG	Live Centre: LC355 & LC366 Dead Centre: DC305 & DC306
PC65215	5 + 6	215	99	108	9KG	Live Centre: LC355 & LC366 Dead Centre: DC305 & DC306
PC65275	5 + 6	275	99	165	15KG	Live Centre: LC355 & LC366 Dead Centre: DC305 & DC306

PIPE CONES

Daintree Tools 900 Series Cones 90° Pipe Cones

Similar to our 600 series,
but with a 90° taper.



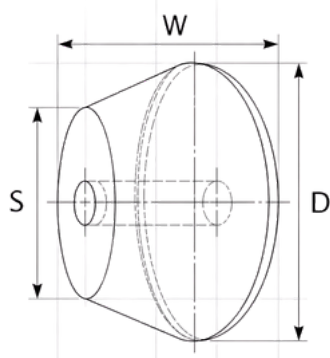
Part #	MT	D mm	W mm	S mm	APP. WT	Compatible With
PC94040	4	40	58	20	0.3KG	Live Centre: LC344 Dead Centre: DC304
PC94065	4	65	30	33	0.4KG	Live Centre: LC344 Dead Centre: DC304
PC94087	4	87	37	33	0.8KG	Live Centre: LC344 Dead Centre: DC304
PC94100	4	100	42	33	0.9KG	Live Centre: LC344 Dead Centre: DC304
PC94112	4	112	46	33	1.1KG	Live Centre: LC344 Dead Centre: DC304
PC94127	4	127	55	33	1.5KG	Live Centre: LC344 Dead Centre: DC304
PC94165	4	165	72	33	2.5KG	Live Centre: LC344 Dead Centre: DC304
PC94205	4	205	79	60	6.0KG	Live Centre: LC344 Dead Centre: DC304
PC94215	4	215	79	70	7.4KG	Live Centre: LC344 Dead Centre: DC304
PC94242	4	242	79	97	8.0KG	Live Centre: LC344 Dead Centre: DC304
PC94275	4	275	79	130	9.0KG	Live Centre: LC344 Dead Centre: DC304
PC95065	5 + 6	65	87	20	0.4KG	Live Centre: LC355 & LC366 Dead Centre: DC305 & DC306
PC95087	5 + 6	87	35	42	0.8KG	Live Centre: LC355 & LC366 Dead Centre: DC305 & DC306
PC95112	5 + 6	112	41	42	1.1KG	Live Centre: LC355 & LC366 Dead Centre: DC305 & DC306
PC95127	5 + 6	127	48	42	1.5KG	Live Centre: LC355 & LC366 Dead Centre: DC305 & DC306
PC95165	5 + 6	165	68	42	2.5KG	Live Centre: LC355 & LC366 Dead Centre: DC305 & DC306
PC95205	5 + 6	205	79	60	6.0KG	Live Centre: LC355 & LC366 Dead Centre: DC305 & DC306
PC95215	5 + 6	215	79	70	7.4KG	Live Centre: LC355 & LC366 Dead Centre: DC305 & DC306
PC95242	5 + 6	242	79	97	8.0KG	Live Centre: LC355 & LC366 Dead Centre: DC305 & DC306
PC95275	5 + 6	275	79	130	9.0KG	Live Centre: LC355 & LC366 Dead Centre: DC305 & DC306
PC95320	5 + 6	320	65	204	10.0KG	Live Centre: LC355 & LC366 Dead Centre: DC305 & DC306

PIPE CONES

Piper Tools B Series Cones 60° Pipe Cones



The B series features a through-hardened steel body and a specialised multi-bearing configuration that distributes loads evenly to minimise thermal expansion. Equipped with an advanced, high-protection industrial fluid seal, it effectively locks out fine swarf, abrasive dust, and high-pressure coolant, ensuring a long, maintenance-free operational life. For machine shops looking to eliminate vibration chatter, maximise true-running accuracy, and maintain rigid component support on 3MT machinery, this Australian-made classic delivers exceptional reliability.



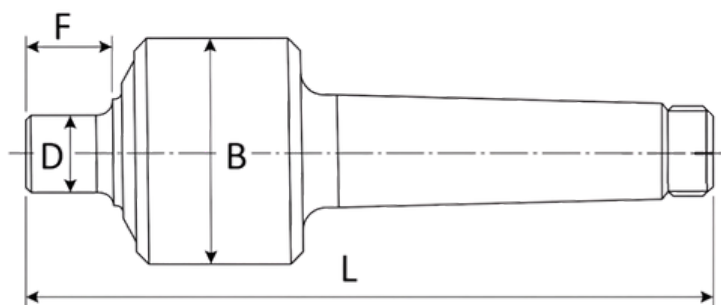
Part #	MT	D mm	W mm	S mm	APP. WT	Compatible With
B-601-HD	2	83	44	21	-	PT-A-402-HD
B-602-HD	2	108	57	21	-	PT-A-402-HD
B-601-HD	3	83	44	21	-	PT-A-403-HD
B-602-HD	3	108	57	21	-	PT-A-403-HD
B-607-HD	3	159	78	21	-	PT-A-403-HD
B-601-HD	4	83	44	21	-	PT-A-404-HD
B-602-HD	4	108	57	21	-	PT-A-404-HD
B-607-HD	4	159	78	21	-	PT-A-404-HD
B-608-HD	5	133	64	38	-	PT-A-405-HD
B-609-HD	5	159	78	38	-	PT-A-405-HD
B-610-HD	5	210	103	38	-	PT-A-405-HD
B-611-HD	6	159	71	51	-	PT-A-406-HD
B-612-HD	6	210	98	51	-	PT-A-406-HD
B-613-HD	6	260	122	51	-	PT-A-406-HD

PIPE CONE BODIES



Piper Tools A Series Body To Suit Piper Tools B Series Cones

The Piper Tools A series range, are master live centre bodies specifically engineered to accept the B-Series interchangeable pipe cones. This modular system is the ultimate solution for engineering workshops and fabrication lines that turn a wide variety of pipe, tubing, and hollow-core workpieces, allowing operators to rapidly swap cone sizes without removing the main shank from the lathe tailstock.



Part #	MT	D mm	B mm	F mm	L mm	Load Carry Capacity	APP. WT
A-402-HD	2	21	49.5	33	-	170KG	-
A-403-HD	3	21	60	33	-	200KG	-
A-404-HD	4	21	63	33	-	635KG	-
A-405-HD	5	21	95	51	-	1500KG	-
A-406-HD	6	21	126	65	-	3000KG	-

Part #	Compatible With
A-402-HD	B-601-HD & B-602-HD Piper Tools Pipe Cones
A-403-HD	B-601-HD, B-602-HD & B-607-HD Piper Tools Pipe Cones
A-404-HD	B-601-HD, B-602-HD & B-607-HD Piper Tools Pipe Cones
A-405-HD	B-608-HD, B-609-HD & B-610-HD Piper Tools Pipe Cones
A-406-HD	B-611-HD, B-612-HD & B-613-HD Piper Tools Pipe Cones

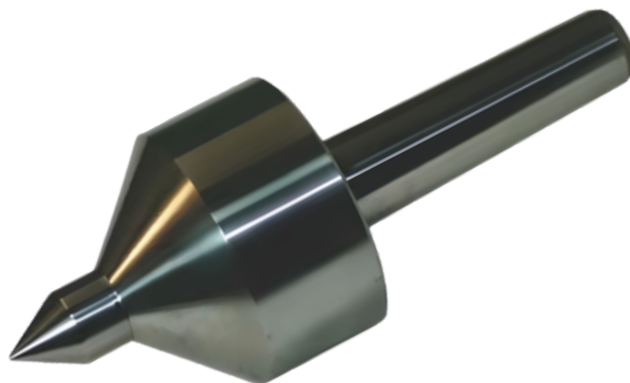
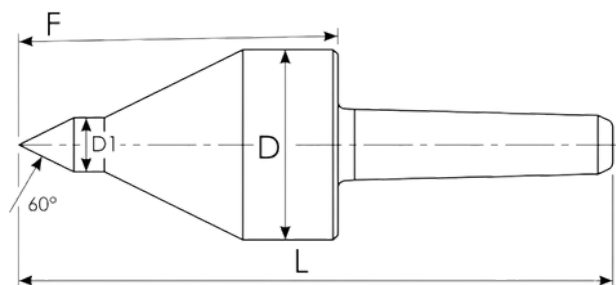


PIPE CONE LIVE CENTRES



Piper Tools PL Series 60° Pipe Cone Live Centres

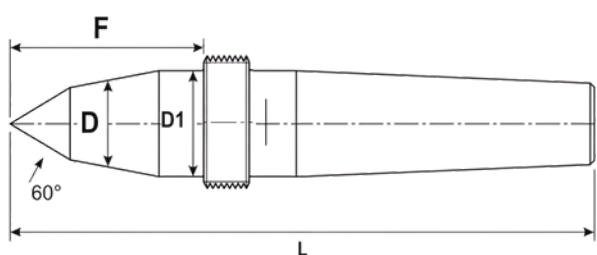
The Piper Tools PL series features an innovative, dual-purpose design that seamlessly combines a standard live centre with a pipe centre, allowing you to support both hollow pipes/tubing and solid workpieces without switching tools.



Part #	MT	D mm	D1 mm	F mm	L mm	Load Carry Capacity	APP. WT
PL204/3	3	70	16	90	198	170KG	-
PL204/4	4	70	20	110	218	200KG	-
PL204/5	5	70	20	110	241	635KG	-
PL205/4	4	90	37	143.5	251.5	1500KG	-
PL205/5	5	90	37	143.5	274.5	3000KG	-

Daintree Tools 300 Series 60° Dead Centres

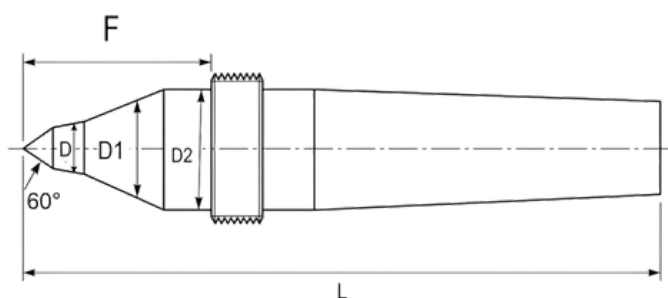
The Daintree Tools 300 Series 60° Dead Centres are specifically designed as a pipe series, providing seamless compatibility and rigid support when paired with 60° and 90° pipe cones.



Part #	MT	D mm	D1 mm	F mm	L mm	Load Carry Capacity	APP. WT
DC303	3	24	25	90	179	-	0.5KG
DC304	4	24	25	110	179	-	1.0KG
DC305	5	38	40	110	225	-	2.5KG
DC306	6	38	40	83	286	-	7.1KG

Daintree Tools 400 Series 60° Dead Centres

The Daintree Tools 400 Series Dead Centres feature a slim copy point profile, giving your cutting tools and tracer attachments unobstructed clearance during intricate profiling and turning operations.

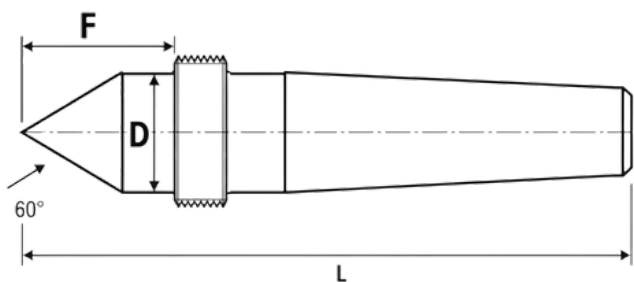


Part #	MT	D mm	D1 mm	D2 mm	F mm	L mm	Load Carry Capacity	APP. WT
DC403	3	10	12	25	40	142	-	0.5KG
DC404	4	12	14	32	49	182	-	1.0KG
DC405	5	14	16	40	50	203	-	2.5KG
DC406	6	16	18	64	63	273	-	7.1KG



Daintree Tools 500 Series 60° Dead Centres

The Daintree Tools 500 Series Dead Centres are built to withstand high axial and radial forces, making them the ideal choice for heavy industrial turning and demanding workshop environments.



Part #	MT	D mm	D1 mm	F mm	L mm	Load Carry Capacity	APP. WT
DC503	3	20	28	28	128	-	0.5KG
DC504	4	30	37	37	158	-	1.0KG
DC505	5	40	35	35	187	-	2.5KG
DC506	6	64	65	65	264	-	7.1KG
DC507	7	80	85	85	400	-	10.0KG

CHUCKING LIVE CENTRES



Chucking Live Centre

Available with or without chuck

The ultimate heavy-duty support for irregular workpieces. Designed to accommodate 2, 3, or 4-jaw chucks, the Daintree Chucking Live Centre mounts into any Morse Taper to handle out-of-round stock with a guaranteed maximum run-out of just 5 microns.



3MT Series

Part #	MT	DIA mm	RPM	Load Carry Capacity	APP. WT
CBP83065	3	65	4500	250KG	-
CBP83160	3	100	4500	300KG	-
CBP83125	3	125	4500	400KG	-
CBP83160	3	160	4500	500KG	-

4MT Series

Part #	MT	DIA mm	RPM	Load Carry Capacity	APP. WT
CBP84100	4	100	4000	400KG	-
CBP84125	4	125	4000	500KG	-
CBP84160	4	160	4000	800KG	-
CBP84200	4	200	4000	800KG	-

5MT Series

Part #	MT	DIA mm	RPM	Load Carry Capacity	APP. WT
CBP85100	5	100	2000	500KG	-
CBP85125	5	125	2000	600KG	-
CBP85160	5	160	2000	1200KG	-
CBP85200	5	200	1800	5000KG	-
CBP85250	5	250	1800	5000KG	-
CBP85320	5	320	1800	6000KG	-

6MT Series

Part #	MT	DIA mm	RPM	Load Carry Capacity	APP. WT
CBP86200	6	200	1800	5000KG	-
CBP86250	6	250	1800	7000KG	-
CBP86320	6	320	1500	9000KG	-

7MT Series

Part #	MT	DIA mm	RPM	Load Carry Capacity	APP. WT
CBP87200	7	200	1500	8000KG	-
CBP87400	7	400	1500	10000KG	-

STANDARD 4 FLUTE COUNTERSINKS

90° - 4 FLUTE

The 90° 4-flute design distributes the cutting load evenly, ensuring exceptional surface finishes and stable performance across a wide range of metals and plastics.



Part #	MAX DIA mm	SHANK DIA mm
CS90-260	6.6	5.08
CS90-323	8.2	6.35
CS90-385	9.7	6.35
CS90-510	12.9	9.52
CS90-635	16.1	9.52
CS90-760	19.3	12.7
CS90-885	22.4	12.7
CS90-1010	25.6	12.7
CS90-1260	32	12.7
CS90-1510	38.3	15.87

60° - 4 FLUTE

The 60° 4-flute design ensures perfectly balanced cutting action and a chatter-free finish, making it the ideal tool for deburring internal diameters and preparing workpieces for live or dead centers.



Part #	MAX DIA mm	SHANK DIA mm
CS60-260	6.6	5.08
CS60-323	8.2	6.35
CS60-385	9.7	6.35
CS60-510	12.9	9.52
CS60-635	16.1	9.52
CS60-760	19.3	12.7
CS60-885	22.4	12.7
CS60-1010	25.6	12.7
CS60-1260	32	12.7

100° - 4 FLUTE

The specialized 100° angle is designed to deliver perfectly flush seating for aircraft-style rivets and flat-head fasteners, while the 4-flute configuration ensures a smooth, chatter-free finish.



Part #	MAX DIA mm	SHANK DIA mm
CS100-260	6.6	5.08
CS100-323	8.2	6.35
CS100-385	9.7	6.35
CS100-510	12.9	9.52
CS100-635	16.1	9.52
CS100-760	19.3	12.7
CS100-885	22.4	12.7
CS100-1010	25.6	12.7
CS100-1260	32	12.7

SPECIAL 4 FLUTE & CROSS HOLE COUNTERSINKS

82° - 4 FLUTE

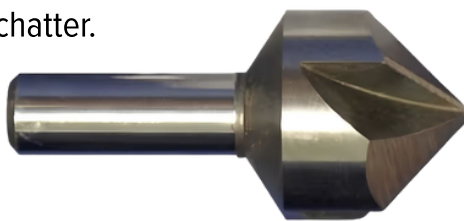
The 82° angle is perfectly engineered to provide seamless, flush seating for standard UNC, UNF, and imperial countersunk screws, while the 4-flute layout ensures a smooth, chatter-free finish.



Part #	MAX DIA mm	SHANK DIA mm
CS82-260	6.6	5.08
CS82-323	8.2	6.35
CS82-385	9.7	6.35
CS82-510	12.9	9.52
CS82-635	16.1	9.52
CS82-760	19.3	12.7
CS82-885	22.4	12.7
CS82-1010	25.6	12.7
CS82-1260	32	12.7
CS82-1510	38.3	15.87

120° - 4 FLUTE

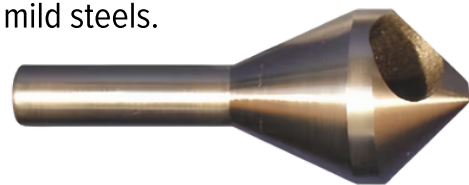
The wide 120° angle creates the perfect shallow lead-in chamfer for tapping operations, preventing cross-threading and ensuring smooth fastener engagement while the 4-flute design eliminates chatter.



Part #	MAX DIA mm	SHANK DIA mm
CS60-260	6.6	5.08
CS60-323	8.2	6.35
CS60-385	9.7	6.35
CS60-510	12.9	9.52
CS60-635	16.1	9.52
CS60-760	19.3	12.7
CS60-885	22.4	12.7
CS60-1010	25.6	12.7
CS60-1260	32	12.7

82° - CROSS HOLE

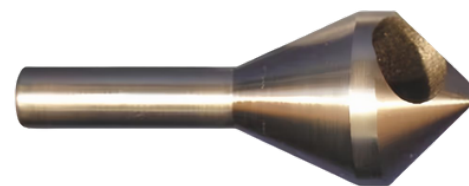
Specifically engineered with a hollow cross-hole geometry, this 82° countersink forces chips through the center of the tool to prevent clogging and surface scoring in aluminum, plastics, and mild steels.



Part #	MAX DIA mm	SHANK DIA mm
CH82-37	15 - 37	14
CH82-50	25 - 50	16

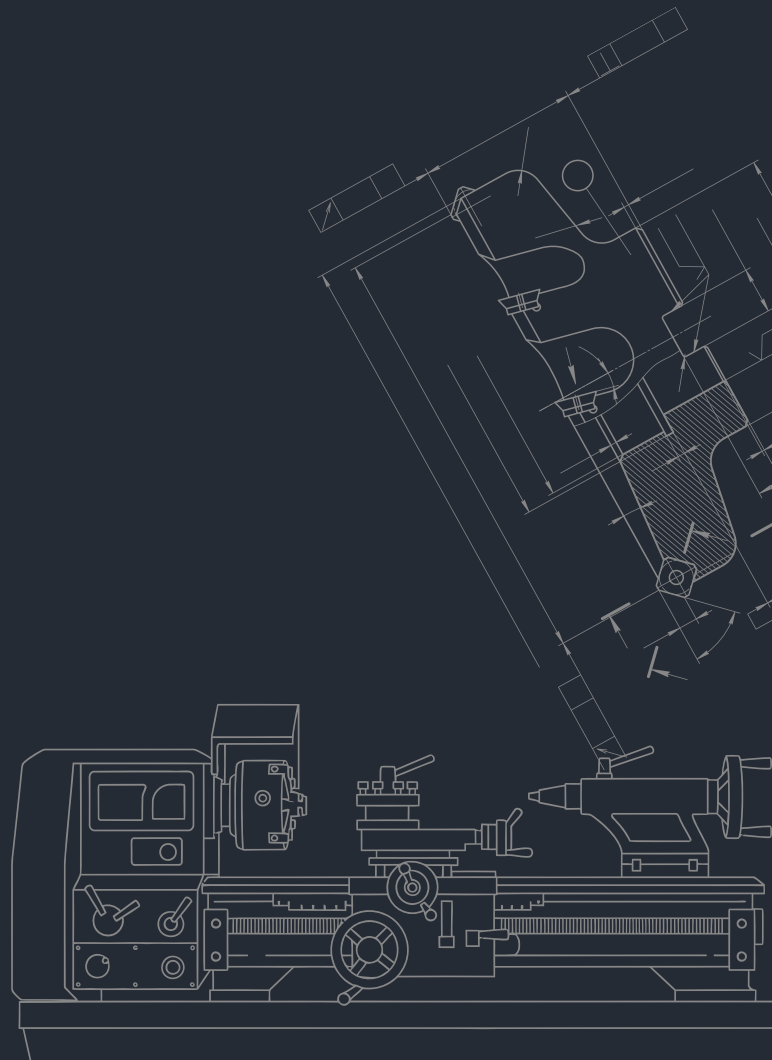
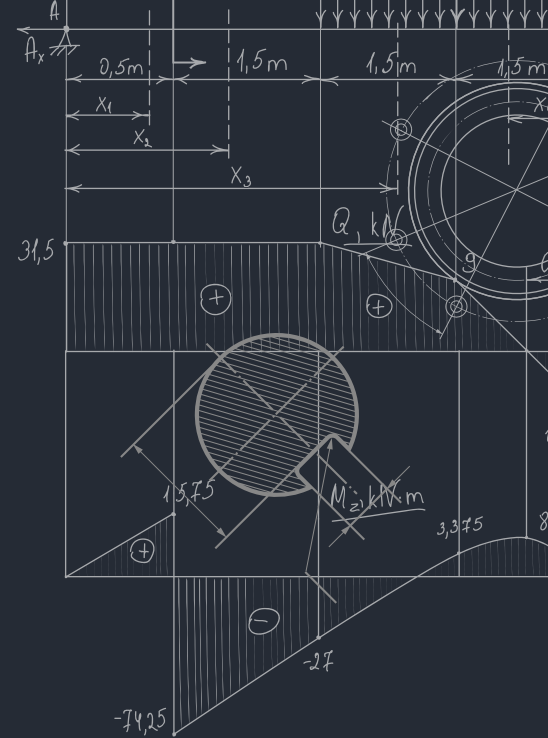
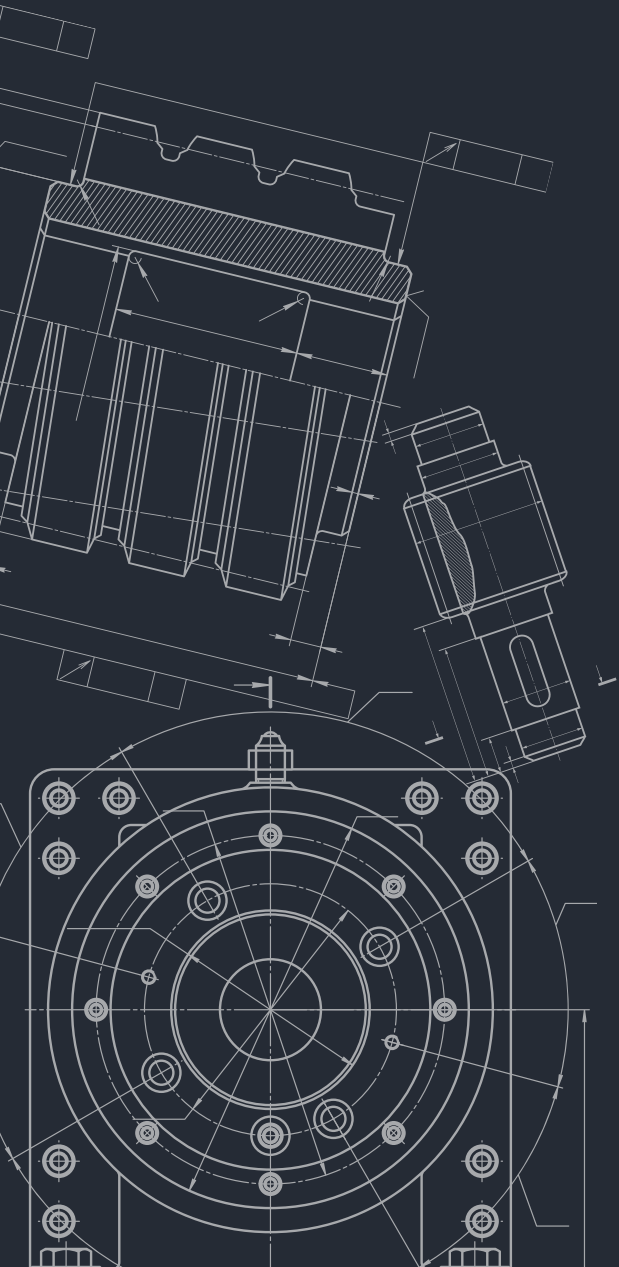
90° - CROSS HOLE

Specifically engineered to prevent clogging in gummy or soft materials like aluminum, copper, and plastics, this 90° cross-hole tool shears smoothly and clears debris through the slot to deliver pristine metric fastener seating.



Part #	MAX DIA mm	SHANK DIA mm
CH90-37	15 - 37	14
CH90-50	25 - 50	16

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