

C-Clamps

Drop forged C-Clamps



C-Clamps are used for many trades and if you're going to use a C-Clamp why not use the best... BESSEY® has a wide variety of C-Clamps to choose from, ranging from light duty to heavy service.

The heaviest & strongest of the drop-forged "C" clamps are the B-HS series. The BESSEY Heavy Service series of clamps are sometimes referred to as "bridge clamps". These are made for the heaviest of steel construction & fabrication projects. Heavy square head on end of spindle designed to be used with wrenches & power tools - they do not have sliding pin T-handles like lesser clamps.

1 Drop forged

For a longer lasting tool.

2 Square head for maximum torque

3 Heat-treated frames

Designed for heavy industrial and construction applications.

4 Clamping force

Clamping forces up to 40,000 lbs



Heavy service HS series (fully closing)

The toughest of the C-clamps with a clamping pressure of up to 40,000 lbs. Square head on the spindle.

	Clamping Capacity	Throat Depth	Clamping Force	Approx. Weight
B-HS0	0-3/4"	1 1/16"	2,800 lbs	0.33 lbs
B-HS1	0-1 3/8"	1 3/32"	5,600 lbs	1.00 lbs
B-HS1.5	0-1 3/4"	1 7/16"	8,750 lbs	1.80 lbs
B-HS2	0-2 3/8"	1 7/8"	12,500 lbs	4.50 lbs
B-HS3	0-3 5/16"	2 3/16"	16,250 lbs	7.10 lbs
B-HS4	0-4 1/2"	2 3/4"	20,000 lbs	11.00 lbs
B-HS5	0-5 1/4"	3 1/16"	23,800 lbs	14.90 lbs
B-HS6	0-6 3/8"	3 3/8"	27,500 lbs	19.30 lbs
B-HS8	0-8 1/4"	3 5/8"	31,250 lbs	27.50 lbs
B-HS10	0-10 1/4"	3 15/16"	35,000 lbs	40.10 lbs
B-HS12	0-12 3/8"	4 1/4"	40,000 lbs	47.80 lbs



Heavy duty 100 series C-clamps

The 100 series of drop-forged "C" clamps are made in the USA & have been carefully engineered for greater strength than the CDF series are ideal for heavy industrial & construction applications. These clamps have sliding pin T-handle as well as a square head for maximum torque & flexibility.

	Clamping Capacity	Throat Depth	Clamping Force	Approx. Weight
B-102	0-2"	1 1/2"	7,500 lbs	1.50 lbs
B-103	0-3"	2"	8,750 lbs	2.65 lbs
B-104	0-3 1/2"	2 1/4"	10,000 lbs	4.15 lbs
B-106	2-5 1/2"	2 1/2"	11,250 lbs	6.00 lbs
B-108	4-7 1/2"	2 5/8"	12,500 lbs	7.80 lbs
B-110	6-9 1/2"	2 3/4"	13,750 lbs	8.70 lbs
B-112	8-11 1/2"	2 7/8"	15,000 lbs	12.10 lbs



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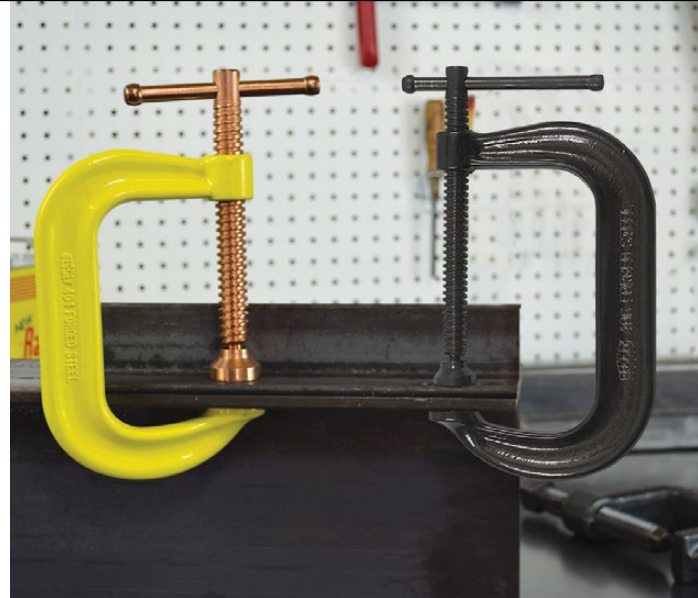
Regular duty CDF, CDFCHV deep throat C-clamps

These "C" clamps have heavy-duty drop-forged, heat-treated frames.

CDF series feature a black powder coat finish, the handle, spindle and pressure pad assemblies have a black oxide finish.

CDFCHV series feature a high visibility yellow powder coat finish, the handle, spindle and pressure pad assemblies are copper plated to resist weld spatter.

	Clamping Capacity	Throat Depth	Clamping Force	Approx. Weight	HiVis Model
CDF402	0-2"	2 1/8"	3,500 lbs	1.40 lbs	CDF402CHV
CDF403	0-3"	2 3/8"	3,500 lbs	1.90 lbs	CDF403CHV
CDF404	0-4"	3 1/4"	6,200 lbs	3.50 lbs	CDF404CHV
CDF406	0-6"	4 1/8"	6,900 lbs	5.40 lbs	CDF406CHV
CDF408	0-8"	5"	6,900 lbs	7.90 lbs	CDF408CHV
CDF410	0-10"	6"	8,000 lbs	11.60 lbs	CDF410CHV
CDF412	0-12"	6 1/4"	9,300 lbs	14.10 lbs	CDF412CHV



BESSEY® CDF service parts

These replacement parts for CDF drop forged C-clamps come as one piece and are clamp specific.

Replacement Swivel Pad 1 pc	For use with	Replacement Spindle 1 pc
CDF402CHV-PAD	CDF402CHV	CDF402CHV-SPINDLE
CDF402-PAD	CDF402	CDF402-SPINDLE
CDF403CHV-PAD	CDF403CHV	CDF403CHV-SPINDLE
CDF403-PAD	CDF403	CDF403-SPINDLE
CDF404CHV-PAD	CDF404CHV	CDF404CHV-SPINDLE
CDF404-PAD	CDF404	CDF404-SPINDLE
CDF406CHV-PAD	CDF406CHV	CDF406CHV-SPINDLE
CDF406-PAD	CDF406	CDF406-SPINDLE
CDF408CHV-PAD	CDF408CHV	CDF408CHV-SPINDLE
CDF408-PAD	CDF408	CDF408-SPINDLE
CDF410CHV-PAD	CDF410CHV	CDF410CHV-SPINDLE
CDF410-PAD	CDF410	CDF410-SPINDLE
CDF412CHV-PAD	CDF412CHV	CDF412CHV-SPINDLE
CDF412-PAD	CDF412	CDF412-SPINDLE



540 series ductile alloy C-clamps

Cast ductile iron frame has approximately twice the tensile strength of similarly capacity clamps made of malleable cast iron. This clamp recommended for lighter duty, such as light assembly, sheet metal fabrication, woodworking, auto repair etc.

	Clamping Capacity	Throat Depth	Clamping Force	Approx. Weight
540-2 1/2	0-2 1/2"	1 3/4"	1100 lbs	1.20 lbs
540-3	0-3"	1 7/8"	1800 lbs	1.60 lbs
540-4	0-4"	2 1/16"	2150 lbs	2.23 lbs
540-5	0-5"	2 1/2"	2250 lbs	2.69 lbs
540-6	0-6"	2 3/4"	2450 lbs	3.20 lbs
540-8	0-8"	3 1/4"	2750 lbs	4.74 lbs
540-10	0-10"	3 5/8"	2850 lbs	7.56 lbs
540-12	0-12"	3 5/8"	2850 lbs	8.18 lbs
540-14	0-14"	3 3/4"	2850 lbs	8.93 lbs



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Light duty drop forged C-clamps

Economical, yet sturdy, and great for light duty welding and fabrication work, as well as jobs around the home workshop. A galvanized finish for models CM10-CM30, and a black powder coated finish for models CM40-CM80.

	Clamping Capacity	Throat Depth	Clamping Force	Approx. Weight
CM34DR	0-3"	4 1/2"	900 lbs	1.50 lbs
CM10	0-1"	1"	750 lbs	0.25 lbs
CM15	0-1 1/2"	1 1/2"	750 lbs	0.30 lbs
CM20	0-2"	1 1/2"	750 lbs	0.40 lbs
CM22	0-2 1/2"	1 3/8"	900 lbs	0.48 lbs
CM25	0-2 1/2"	2 1/2"	900 lbs	0.82 lbs
CM30	0-3"	1 3/4"	1,200 lbs	0.92 lbs
CM40	0-4"	3"	1,300 lbs	1.50 lbs
CM50	0-5"	3"	1,300 lbs	2.25 lbs
CM60	0-6"	3"	1,800 lbs	2.40 lbs
CM80	0-8"	4"	1,800 lbs	3.30 lbs



Quick release QRCC, C-clamps

The BESSEY Quick Release C-Clamps have a drop forged frame with a powder coated finish. Spindle & pressure pad are chrome plated. A press of the red quick-release button allows for rapid fitting, to work piece when not under pressure. Great for light duty, highly repetitive assembly work.

	Clamping Capacity	Throat Depth	Clamping Force	Approx. Weight
QRCC3	0-3 1/4"	1 3/4"	1,200 lbs	1.87 lbs
QRCC4	0-4 3/8"	2 1/4"	1,200 lbs	2.37 lbs
QRCC6	0-6 5/8"	3 7/8"	1,200 lbs	4.07 lbs



Double head DHCC, C-clamps

Provides twin top pressure points for light duty clamping applications. The ideal tool for hobbies, crafts and light trades.

	Clamping Capacity	Throat Depth	Clamping Force	Approx. Weight
DHCC-4	0-4"	2 1/4"	1,200 lbs	1.60 lbs
DHCC-6	0-6"	2 7/8"	1,200 lbs	3.00 lbs



NEW

Ground clamp, CP

Malleable cast iron c-clamp with 8.4 mm grounding connection hole. Includes a practical thumb screw for tightening.

	Clamping Capacity	Throat Depth	Amp	Approx. Weight
CP-F	0-2"	1 1/8"	200	0.42 lbs

