

C-Clamps

Drop forged C-Clamps



The heaviest and strongest of the BESSEY® 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 and fabrication projects.

Heavy square head on end of spindle designed to be used with wrenches and 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-HS 2	0-2 ³ / ₈ "	1 ⁷ / ₈ "	12,500 lbs	4.50 lbs
B-HS 3	0-3 ⁵ / ₁₆ "	2 ³ / ₁₆ "	16,250 lbs	7.10 lbs
B-HS 4	0-4 ¹ / ₂ "	2 ³ / ₄ "	20,000 lbs	11.00 lbs
B-HS 6	0-6 ³ / ₈ "	3 ³ / ₈ "	27,500 lbs	19.30 lbs
B-HS 8	0-8 ¹ / ₄ "	3 ⁵ / ₈ "	31,250 lbs	27.50 lbs



Heavy duty 100 series C-clamps

The 100 series of drop-forged "C" clamps are made in the USA and 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-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



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Regular duty CDF deep throat C-clamps

Black frame, drop forged version

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.

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



Regular duty CDFCHV deep throat C-clamps

Hi Vis frame, drop forged version

These "C" clamps have heavy-duty drop-forged, heat-treated frames. 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
CDF402CHV	0-2"	2 1/8"	3,500 lbs	1.40 lbs
CDF403CHV	0-3"	2 3/8"	3,500 lbs	1.90 lbs
CDF404CHV	0-4"	3 1/4"	6,200 lbs	3.50 lbs
CDF406CHV	0-6"	4 1/8"	6,900 lbs	5.40 lbs
CDF408CHV	0-8"	5"	6,900 lbs	7.90 lbs
CDF410CHV	0-10"	6"	8,000 lbs	11.60 lbs
CDF412CHV	0-12"	6 1/4"	9,300 lbs	14.10 lbs



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

Intended for light duty fabrication in wood and metal. Galvanized finish for CM10-CM30, black powder coated for 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



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

