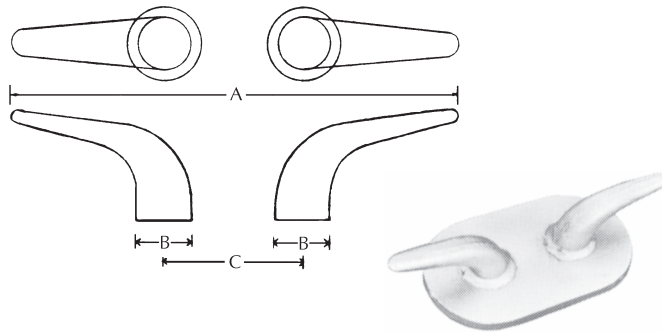


WASHINGTON CHAIN & SUPPLY, INC.

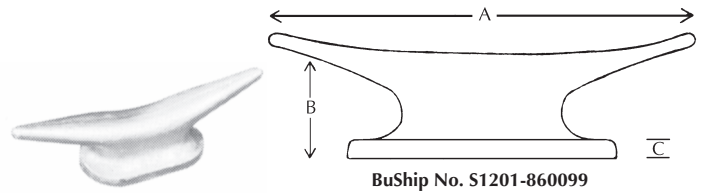
WELD-ON HORN CLEATS



WELD-ON HORN CLEATS

A Size	Serial No.	Wt.	B	C	Print No.
12"	B.H. 1	3#	1-1/2"	3-3/4"	S1201-921572
16"	B.H. 2	8#	2"	5"	S1201-921572

WELD-ON SHIP CLEATS



WELD-ON SHIP CLEATS

A Size	Serial No.	Wt.	B	C
10"	C 0	8#	2-1/2"	7/16"
12"	C 1	17#	3"	9/16"
16"	C 2	25#	4"	3/4"
18"	C 3	36#	4-1/2"	7/8"
24"	C 4	84#	6"	1-1/8"
30"	C 5	145#	7-1/2"	1-1/2"
36"	C 6	226#	8-1/2"	1-3/4"

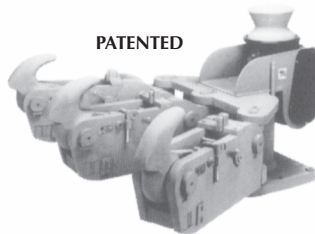
BUOY RELEASE HOOKS



These simple but effective hooks are used for berthing vessels to buoys by running the ship's hawsers through the release hook situated on top of the mooring buoy.

A lanyard run from the ship to the hook provides for a "remote" release of the lines. Buoy release hooks are available in 300,000- and 400,000-pound load rating, with up to a 6" jaw radius.

QUICK-RELEASE HOOKS – FOR MOORING AND TOWING



PATENTED

Quick-release hooks, unlike their buoy release counterparts, can be tripped while under full load. They are available in single, double, triple, and quadruple mounting, with capacities from 10 to 400 tons. The release mechanism can be operated locally or from a remote station, with a manual, pneumatic, or electrically-controlled hydraulic system.

The hooks are designed to swing freely 180 degrees horizontally and 45 degrees vertically to maintain a straight pull on the mooring lines at all times. Every hook features a safety latch to prevent accidental opening, and all models can be certified by the agency of your choice, including ABS and DNV. They can

also be supplied with integrated capstans and/or load-monitoring devices, if required.

Manual release hooks, with capacities from 10 to 200 tons, can be tripped easily by hand while under maximum line tension. Once tripped, line tension or just the weight of the slack line releases the hook, and the line falls free. The hook is then manually returned to its working position.

STANDARD SIZES:

10-TON	25-TON	50-TON	60-TON	80-TON
	100-TON	150-TON	200-TON	400-TON



WASHINGTON CHAIN & SUPPLY, INC.

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