

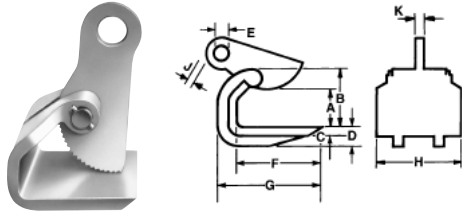
Model HR & HDR

HORIZONTAL LIFTING
NON-LOCKING

The **Model HR** is a horizontal lifting clamp intended to be used in pairs, sets of pairs, or in a tripod arrangement for transporting steel plates horizontal. The **Model HDR** is similar to the **Model HR** except that it contains dual cam assemblies which provide two gripping surfaces.

Equipped with serrated gripping cams as standard equipment, both models are available with smooth, bronze or stainless steel gripping cams to prevent marring when handling polished metals such as stainless steel, copper, aluminum, etc.

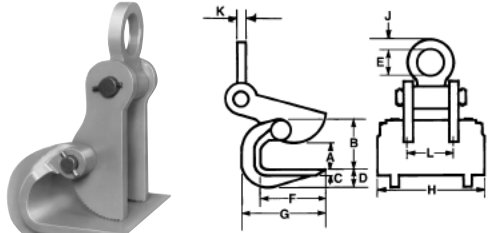
Model HR



| Rated Capacity Tons | Jaw Opening A | B | C | D | E | F | G | H | J | K | Weight (in pounds) |
|------------------------|---------------------|-------|-----|-------|-------|--------|--------|---|-------|-----|-----------------------|
| 1/4 | 0-1 | 2 1/4 | 1/2 | + | 1 | 3 1/16 | 4 1/16 | 3 | 3/8 | 1/2 | 3 1/2 |
| 1/2 | 0-2 | 4 1/4 | 1/2 | + | 1 1/8 | 5 1/8 | 6 1/8 | 7 | 3/4 | 1/2 | 14 |
| 3/4 | 0-2 | 4 3/8 | 5/8 | + | 1 1/8 | 5 1/8 | 6 1/4 | 7 | 3/4 | 3/4 | 19 |
| 1 1/2 | 0-2 | 4 3/8 | 3/4 | + | 1 1/8 | 5 1/8 | 6 3/8 | 7 | 3/4 | 3/4 | 23 |
| 3 | 0-2 | 4 3/8 | 5/8 | 1 1/8 | 1 3/8 | 5 1/8 | 7 1/4 | 7 | 3/4 | 3/4 | 24 |
| 4 | 0-3 | 5 1/8 | 3/4 | 2 1/8 | 1 3/8 | 7 1/2 | 9 1/8 | 7 | 1 1/8 | 1 | 44 |

SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE. + No backpad on 1/4, 1/2, 3/4 or 1 1/2 ton models.

Model HDR



| Rated Capacity Tons | Jaw Opening A | B | C | D | E | F | G | H | J | K | L | Weight (in pounds) |
|------------------------|---------------------|-------|-----|-------|-------|-------|-------|--------|------|-------|-------|-----------------------|
| 1 1/2 | 0-2 | 4 3/8 | 5/8 | + | 3 1/4 | 5 1/8 | 6 1/4 | 12 | 5/16 | 3/4 | 5 | 44 |
| 3 | 0-2 | 4 3/8 | 3/4 | + | 3 1/4 | 5 1/8 | 6 3/8 | 12 | 5/16 | 3/4 | 5 | 48 |
| 6 | 0-2 | 4 3/8 | 5/8 | 1 1/8 | 3 1/4 | 5 1/8 | 7 1/4 | 12 | 5/16 | 1 1/8 | 5 | 53 |
| 8 | 0-3 | 5 1/8 | 3/4 | 2 1/8 | 3 1/4 | 7 1/2 | 9 1/8 | 12 1/4 | 5/16 | 1 1/8 | 5 1/4 | 84 |

SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE. + No backpad on 1 1/2, or 3 ton models.

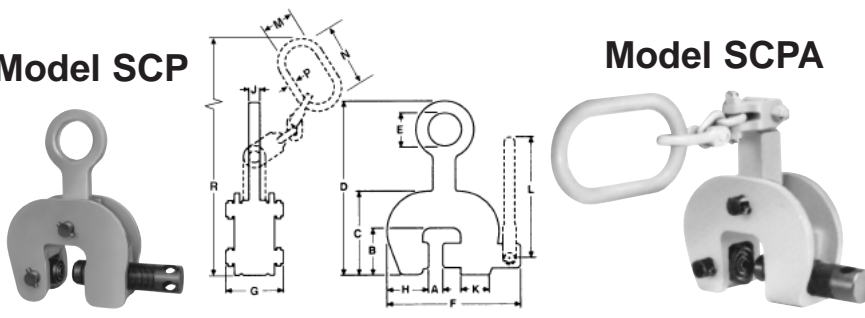
Model SCP & SCPA

LOCKING, SCREW TYPE

The Model SCP and SCPA clamps are capable of handling steel plate from the horizontal through a 180 degree arc and may be used for handling plate at rolling and forming machines. These clamps feature a spring loaded pivoting cam jaw that "cams in" when a load is applied to the lifting shackle. Clamp is capable of handling plate horizontally when used in pairs or sets of pairs, or in a tripod arrangement.

Model SCP

Model SCPA



| Rated Capacity Tons | Plate Thickness A | B | C | D | E | F | G | H | J | K | L | M | N | P | R |
|------------------------|-------------------------|-------|--------|---------|-------|----------|--------|---------|-------|--------|-------|-------|-------|--------|---------|
| 1/2 | 0-3/4 | 2 3/8 | 4 1/2 | 9 | 2 3/8 | 6 1/8 | 2 3/8 | 1 7/8 | 1 1/2 | 1 1/2 | — | 1 1/4 | 1 1/4 | 3/16 | 12 1/16 |
| 1 1/2 | 0-1 1/4 | 2 7/8 | 5 1/2 | 10 9/16 | 2 3/8 | 8 7/8 | 3 3/8 | 2 3/8 | 5/8 | 1 1/4 | 8 1/4 | 2 | 2 | 1 1/16 | 14 7/16 |
| 3 | 0-2 | 3 1/8 | 5 1/4 | 12 | 2 3/8 | 10 13/16 | 4 1/16 | 2 13/16 | 3/4 | 2 | 8 5/8 | 3 | 6 | 3/4 | 21 3/8 |
| 6 | 0-2 1/2 | 4 5/8 | 7 1/8 | 14 3/8 | 3 | 14 1/8 | 5 1/8 | 3 7/8 | 1 | 2 5/16 | — | 3 1/2 | 7 | 1 | 27 1/4 |
| 10 | 0-3 | 5 1/2 | 9 1/4 | 19 1/4 | 3 1/4 | 16 3/8 | 6 1/4 | 4 3/8 | 1 | 3 1/8 | — | 3 1/2 | 7 | 1 | 29 1/16 |
| 15 | 0-4 | 7 1/4 | 12 1/8 | 22 7/8 | 3 3/4 | 21 1/2 | 8 1/4 | 5 1/8 | 1 1/4 | 4 | — | 3 7/8 | 8 | 1 1/4 | 36 1/2 |

20, 30, 50, 100 and 150 Ton capacities available upon request.
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