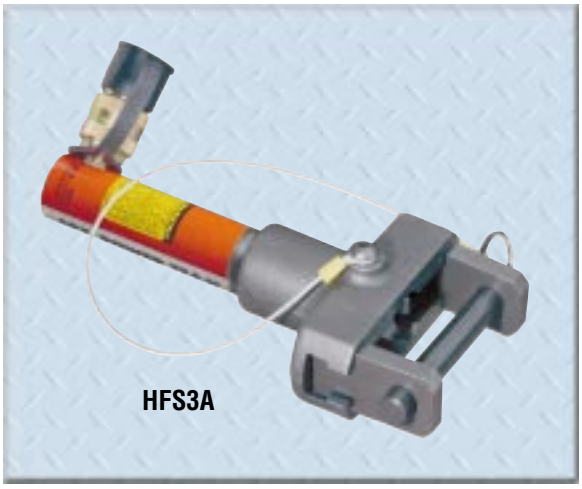
Pipe Flange Spreaders
5 & 10 Ton Capacity



- You'll never again have to resort to "hammer and chisel" methods that waste time and effort. Flange spreaders should be used in pairs to provide even spreading force.
- Standard 60° wedge is suitable for most flanges; 30° "thin" and 60° "blunt" wedges are optional.
- The HFS3A is designed for applications where total thickness of flanges and max. spread gap is 90.4 mm or less and flange bolts are a min. of 17.5 mm diameter.
- Use HFS6A if total thickness of flanges and max. spread gap is 168.1 mm or less, and flange bolts are a min. of 20.7 mm diameter.

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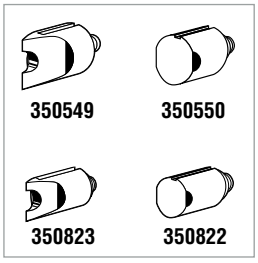
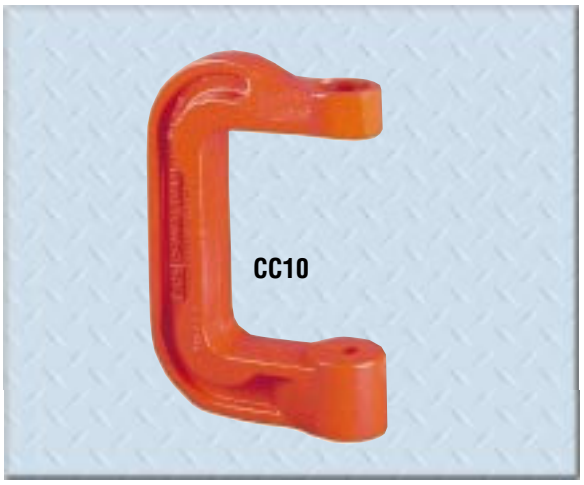


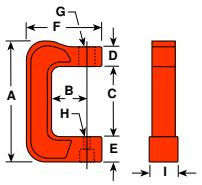
ORDERING INFORMATION & SPECIFICATIONS (MM)

Capacity (tons)	Order Number	Standard Wedge Type	Optional Wedges		Min. Flange Opening			Max. Flange Opening			Max.Combined Flange Opening	Pin Dia. (mm)	Weight (kg)
			30° Thin	60° Blunt	60° Std.	60° blunt	30°	60° Std.	60° blunt	30°			
5	**HFS3A**	60° Sharp	**350823**	**350822**	1.6	25.4	1.6	38.1	38.1	18.3	90.4	17.4	4.1
10	**HFS6A**	60° Sharp	**350549**	**350550**	1.6	38.1	1.6	50.8	50.8	24.6	168.1	20.6	8.2

Hydraulic "C" Clamps
5, 10 & 25 Ton Capacity



- In 5, 10 and 25 ton capacities. For use with Power Team general purpose single-acting series cylinders of comparable capacity.
- For clamping, pressing and bending. Ideal for welding and metal fabrication for fit-up of sheet or plate steel.
- Clamps withstand full rated capacity of the cylinders for which they are intended.
- To minimize the effects of off-center loading, the CC5, CC10 and CC25 should be used with the optional 350144 and 350145 swivel caps.



"C" Series Cylinders
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Accessories
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ORDERING INFORMATION

Cap. (tons)	Order Number (C-Clamp only)	Use With Cyl. No.	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (in.)	H (mm)	I (mm)	Wt. (kg)
5	**CC5**	C51C-C57C	314	95.3	186	50.8	63.5	197	1 1/2"-16 UN	22.2	76.2	11.3
10	**CC10**	C101C-C1010C	403	152.4	240	50.8	85.8	273	2 1/4"-14 UNS	22.2	88.9	20.9
25	**CC25**	C251C-C2514C	533	152.4	319	76.2	114.3	313	3 5/16"-12 UNS	36.5	117.5	41.3

Items pictured at left are:
CC10
C104C
201923