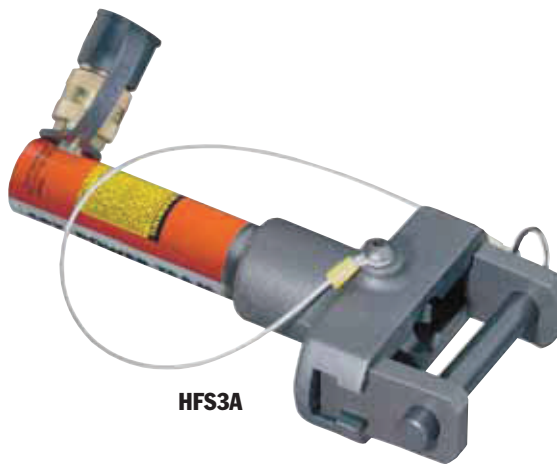


Pipe Flange

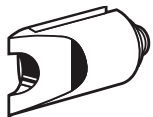
HYDRAULIC SPREADERS

5 & 10 Ton
700 bar

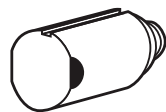
- You'll never again have to resort to "hammer and chisel" methods that waste time and effort. Flange spreaders should be used in pairs to provide even spreading force.
- Standard 60° wedge is suitable for most flanges; 30° "thin" and 60° "blunt" wedges are optional.
- The HFS3A is designed for applications where total thickness of flanges and max. spread gap is 76,2mm or less and flange bolts are a min. of 17,5mm dia.
- Use HFS6A if total thickness of flanges and max. spread gap is 152,4 mm or less, and flange bolts are a min. of 20,7 mm dia.



HFS3A



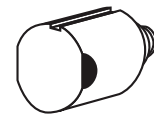
350823
(30° Thin wedge)



350822
(60° Blunt wedge)



350549
(30° Thin wedge)



350550
(60° Blunt wedge)

HYDRAULIC TOOLS

Capacity (tons)	Order Number	Standard Wedge Type	Optional Wedges		Min. Flange Opening (mm)			Max. Flange Opening (mm)			Combined Flange Opening (mm)	Max. 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	76,2	17,4	4,1
10	HFS6A	60° Sharp	350549	350550	1,6	38,1	1,6	50,8	50,8	24,6	152,4	20,6	8,2

* 30° Thin wedge provides more than twice spreading force of 60° wedge.
* 60° Blunt-faced wedge for wide flange openings.