

HOSE ID	ITEM #	FITS HOSE OD	HOSE OD (MM)	MAX OD	GRIP LENGTH	EYE LENGTH	TOTAL LENGTH	APPROX WEIGHT (LBS)	REC SHACKLE SIZE	AVE BREAKING STRENGTH	MAX PSI FLUID SVC	MAX PSI AIR SVC
1/4"-3/8"	8-14W/S	5/16" - 1/2"	8-14 MM	0.70"	12.5"	4"	16.5"	0.25	5/16	4,200 LBS	25,000 PSI	12,000 PSI
3/8"-1/2"	14-20W/S	1/2" - 3/4"	14-20 MM	0.85"	18"	4.5"	22.5"	0.25	5/16	4,200 LBS	14,000 PSI	7,000 PSI
1/2"-3/4"	20-30W/S	3/4" - 1-1/8"	20-30 MM	1.40"	20"	6"	26"	0.75	3/8	6,200 LBS	6,500 PSI	3,400 PSI
1"	30-40W/S	1-1/8" - 1-1/2"	30-40 MM	2.00"	27"	8"	35"	1.00	3/8	12,000 LBS	8,500 PSI	4,200 PSI
1-1/4"	40-50W/S	1-1/2" - 1-7/8"	40-50 MM	2.50"	32"	8"	40"	1.25	3/8	12,000 LBS	5,400 PSI	2,700 PSI
1-1/2"	50-60W/S	1-7/8" - 2-3/8"	50-60 MM	3.00"	41"	11"	52"	2.25	1/2	17,000 LBS	6,000 PSI	3,000 PSI
2"	60-70W/S	2-3/8" - 2-3/4"	60-70 MM	3.00"	43"	11"	54"	2.50	1/2	17,000 LBS	3,300 PSI	1,650 PSI
2"	2"W/S-HD*	2-3/4" - 3-3/8"	70-85 MM	3.00"	43"	11"	54"	3.75	1/2	27,000 LBS	6,000 PSI	3,000 PSI
2-1/2"	70-85W/S	2-3/4" - 3-3/8"	70-85 MM	3.75"	43"	13"	56"	5.25	1/2	17,000 LBS	2,100 PSI	1,000 PSI
3"	85-100W/S	3-3/8" - 3-7/8"	85-100 MM	4.00"	58"	17"	75"	5.25	1/2	26,000 LBS	2,400 PSI	1,200 PSI
3-1/2"	100-120W/S	3-7/8" - 4-3/4"	100-120 MM	5.00"	58"	19"	77"	5.50	1/2	26,000 LBS	1,800 PSI	900 PSI
4"	120-140W/S	4-3/4" - 5-1/2"	120-140 MM	6.25"	71"	19"	90"	7.50	3/4	30,000 LBS	1,500 PSI	750 PSI
6"	140-180W/S	5-1/2" - 7"	140-180 MM	8.00"	79"	19"	98"	8.00	3/4	30,000 LBS	700 PSI	350 PSI

HOBBLE CLAMP #	CLAMP RANGE*	APPROX WEIGHT (LBS)
2BDE-75	5/8" - 7/8"	1.35
2BDE-100	7/8" - 1-1/8"	1.50
2BDE-125	1-1/8" - 1-3/8"	1.60
2BDE-150	1-3/8" - 1-5/8"	1.65
2BDE-196	1-45/64" - 2-3/8"	4.05
2BDE-238	2-1/8" - 2-1/2"	4.85
2BDE-263	2-3/8" - 2-5/8"	4.85
2BDE-300	2-13/16" - 3-1/4"	5.00
2BDE-350	3-1/4" - 3-5/8"	5.50
2BDE-400	3-45/64" - 4-1/8"	5.75
2BDE-450	4-1/4" - 4-5/8"	11.00
2BDE-500	4-3/4" - 5-1/4"	12.00
2BDE-550	5-5/16" - 5-5/8"	12.25
2BDE-600	5-45/64" - 6-1/4"	14.35
2BDE-650	6-5/16" - 6-3/4"	15.50
2BDE725	6-13/16" - 7-1/4"	17.25
2BDE800	7-13/16" - 8-1/2"	19.00

SHACKLE	SIZE	FITS WHIP STOP SIZES DIRECTLY:	FITS HOBBLE CLAMP SIZES:
-31	5/16"	3/8" to 1/2"	NA
-38	3/8"	7/8" to 1-1/4"	Through 2BDE-150
-50	1/2"	1-1/2" to 3-1/2"	NA
-75	3/4"	4" to 6"	2BDE-196 & Up

(2 shackles per restraint or clamp are typically needed)

*2"W/S-HD is sized same as 2.5" but uses a heavier wire for 2" 6-spiral and other HD hose styles

Whip Stop Systems may be restrained via Hobble Clamp or directly to one another, or to an anchor /flange eye, using a shackle or carabiner with appropriate load rating.

2BDE = 2 BOLT TYPE 4 BOLT TYPE AVAILABLE

*Hobble Clamps must fit hose OD. The product will be tagged with the ID / ratings listed

Standard Whip Stop restraints are galvanized steel

Stainless Steel Whip Stops Available, add -SS to the part number

Hobble Clamps are powder coated steel