

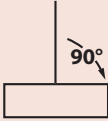
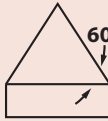

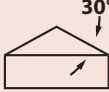

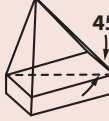
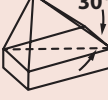


General Information

Work Load Limits

This table gives the working load limits of Grade 80 & Grade 100 Alloy chain in one, two, three and four leg styles. Use this table as a guide to determine which chain sizes and leg styles are best for your requirements. Using the maximum load (or loads) you will lift, and the angle of lift required – work to the left across this table to determine proper chain size for your sling. Working load limit of the chain and components is established as pounds applied at the indicated degrees from horizontal. The rated capacity of the sling must be based on the smallest horizontal angle. For angles not shown, use the next lower angle or have a qualified person calculate the rate load for the new angle.

Working Load Limits Specifications

Size	Single Leg Sling	Double Leg Sling			Triple and Quad Leg Sling		
							
Grade 80							
9/32"	3,500	6,100	4,900	3,500	9,100	7,400	5,200
3/8"	7,100	12,300	10,000	7,100	18,400	15,100	10,600
1/2"	12,000	20,800	17,000	12,000	31,200	25,500	18,000
5/8"	18,100	31,300	25,600	18,100	47,000	38,400	27,100
3/4"	28,300	49,000	40,000	28,300	73,500	60,000	42,400
7/8"	34,200	59,200	48,400	34,200	88,900	72,500	51,300
1"	47,700	82,600	67,400	47,700	123,900	101,200	71,500
1-1/4"	72,300	125,200	102,200	72,300	187,800	153,400	108,400
1-1/2"*	100,000	173,200	141,400	100,000	259,800	212,100	150,000
1-3/4"*	131,250	227,300	185,600	131,250	341,000	278,400	196,900
2"*	175,000	303,100	247,500	175,000	454,600	371,200	262,500
Grade 100							
9/32"	4,300	7,400	6,100	4,300	11,200	9,100	6,400
3/8"	8,800	15,200	12,400	8,800	22,900	18,700	13,200
1/2"	15,000	26,000	21,200	15,000	39,000	31,800	22,500
5/8"	22,600	39,100	32,000	22,600	58,700	47,900	33,900
3/4"	35,300	61,100	49,900	35,300	91,700	74,900	53,000
7/8"	42,700	74,000	60,400	42,700	110,900	90,600	64,000
1"	59,600	103,200	84,200	59,600	154,800	126,400	89,300



WARNING

When using non-cradle or non-shortening grab hooks in a shortening or choker application, the Working Load Limit (WLL) of the sling must be reduced by 20% as noted in ASME B30.9.

*Large diameter chain manufactured at our Custom Lifting Device facility in Jeannette, PA.

Peerless-ACCO combine to offer a broad range of quality ALLOY FORGING options.

"KUPLEX II" and **"Accoloy"**: premium domestic forgings available in Grade 80 and 100 with sizes through 1-1/4". The Kuplex II forgings provide a simple pin and clevis attachment for convenient assembly while the Accoloy forgings provide a more conventional eye type attachment. All Kuplex II and Accoloy forgings are manufactured to rigid quality standards and are compatible with all Peerless-ACCO alloy chains.

"V10": European Grade 100 forgings available in sizes through 7/8" in both clevis and eye styles.

"Peer-Lift" Grade 80 forgings available in sizes through 5/8" in clevis or eye styles.

Mechanical Slings can be constructed using any of the Peerless and ACCO forgings. All forgings are compatible with Peerless-ACCO alloy chains and component certs are provided with each attachment plus blank I.D. tags are readily available.



WARNING

Do not exceed Working Load Limits (WLL)! See the "Cautions and Warnings" section before using these products. Pages 70-73.