



PRODUCT CATALOG

Grommets

- ▶Forms a continuous loop sling
- ▶Available in a wire rope or six strand body
- ▶Mechanical or hand spliced connections
- ▶Rope-laid grommets also available



A grommet is a special type of sling which forms a continuous loop. Grommets either have a wire rope body or a body made up of six strands which are laid helically around a strand core. Either a hand-splice or a mechanical splice then forms an endless sling body. The minimum circumference of the sling is 96 times the grommet's body diameter.

Rope-laid grommets are also available.

210 Strand Laid Hand Splice Grommets

XIP Sling Body Dia.	RATED CAPACITY – Tons*					
	Vert.	Choker**	Basket Hitch and 2-leg Bridle			
			Vert.	60°	45°	30°
1/4	0.94	0.66	1.9	1.6	1.3	0.94
5/16	1.5	1	2.9	2.5	2.1	1.5
3/8	2.1	1.5	4.2	3.6	3	2.1
7/16	2.8	2	5.7	4.9	4	2.8
1/2	3.7	2.6	7.3	6.4	5.2	3.7
9/16	4.6	3.2	9.3	8	6.6	4.6
5/8	5.7	4	11	9.9	8.1	5.7
3/4	8.2	5.7	16	14	12	8.2
7/8	11	7.7	22	19	16	11
1	14	10	29	25	20	14
1 1/8	18	12	35	31	25	18
1 1/4	21	15	43	37	30	21
1 3/8	25	18	51	44	36	25
1 1/2	30	21	60	52	42	30
1 5/8	34	24	69	60	49	34
1 3/4	40	28	79	69	56	40
1 7/8	45	31	89	77	63	45
2	50	35	101	87	71	50
2 1/8	56	39	112	97	79	56
2 1/4	62	43	124	107	88	62

2 3/8	68	48	137	118	97	68
2 1/2	75	52	149	129	106	75
2 3/4	89	62	177	154	125	89
3	104	73	207	180	147	104

* Rated Capacities Basket Hitch and vertical lift based on D/d ratio of 5 when "d" = body diameter of the finished grommet.

** [Click here to see Choker Hitch Rated Capacity Adjustment.](#)

Rated Capacities based on pin diameter no smaller than 5 times the body diameter.

Rated Capacities based on design factor of 5.

Horizontal sling angles of less than 30° shall not be used.

All capacities in tons of 2000 lbs.

All diameter dimensions in inches.

215/715 Strand Laid Mechanical Splice Grommets

RATED CAPACITY – Tons*

XIP Sling Body Dia.	Basket Hitch and 2-leg Bridle					
	Vert.	Choker**	Vert.	60°	45°	30°
1/4	1.1	0.74	2.1	1.8	1.5	1.1
5/16	1.6	1.2	3.3	2.8	2.3	1.6
3/8	2.4	1.6	4.7	4.1	3.3	2.4
7/16	3.2	2.2	6.4	5.5	4.5	3.2
1/2	4.1	2.9	8.3	7.2	5.9	4.1
9/16	5.2	3.7	10	9.1	7.4	5.2
5/8	6.4	4.5	13	11	9.1	6.4
3/4	9.2	6.4	18	16	13	9.2
7/8	12	8.7	25	22	18	12
1	16	11	32	28	23	16
1 1/8	20	14	41	35	29	20
1 1/4	25	17	50	43	35	25
1 3/8	30	21	60	52	42	30
1 1/2	36	25	71	62	50	36
1 5/8	41	29	82	71	58	41
1 3/4	48	33	95	83	68	48
1 7/8	54	38	109	94	77	54
2	62	43	124	107	87	62
2 1/8	69	48	138	119	98	69
2 1/4	77	54	154	133	109	77
2 3/8	85	60	171	148	121	85
2 1/2	94	66	188	163	133	94
2 3/4	113	79	225	195	159	113
3	133	93	265	230	188	133

* Rated Capacities Basket Hitch and vertical lift based on D/d ratio of 5 when "d" = body diameter of the finished grommet.

** [Click here to see Choker Hitch Rated Capacity Adjustment.](#)

Rated Capacities based on pin diameter no smaller than 5 times the body diameter.

Rated Capacities based on design factor of 5.

Horizontal sling angles of less than 30° shall not be used.

All capacities in tons of 2000 lbs.

All diameter dimensions in inches.

270 Cable Laid Hand Splice Continuous Construction Grommets

RATED CAPACITY - Tons*

Sling Body Dia.	XIP Comp. Rope Dia.	Basket Hitch and 2-leg Bridle					
		Vert.	Choker**	Vert.	60°	45°	30°
7x7x7 Galvanized Aircraft Cable							
3/8	1/8	1.6	1.1	3.2	2.8	2.3	1.6
9/16	3/16	3.5	2.4	6.9	6	4.9	3.5
5/8	7/32	4.5	3.1	9	7.8	6.4	4.5
7x6x19 and 7x6x36 XIP®							
3/4	1/4	5.6	3.6	11	9.7	7.9	5.6
11/15	5/16	8.7	5.6	17	15	12	8.7
1 1/8	3/8	12	8	25	21	17	12
1 5/16	7/16	17	11	33	29	23	17
1 1/2	1/2	21	14	43	37	30	21
1 11/16	9/16	27	17	53	46	38	27
1 7/8	5/8	33	21	66	57	46	33
2 1/4	3/4	46	30	92	80	65	46
2 5/8	7/8	62	40	123	107	87	62
3	1	79	51	158	137	112	79
3 3/8	1 1/8	98	64	196	170	138	98
3 3/4	1 1/4	119	77	237	205	168	119

* Rated Capacities Basket Hitch and vertical lift based on D/d ratio of 5 when "d" = body diameter of the finished grommet.

** [Click here to see Choker Hitch Rated Capacity Adjustment.](#)

Rated Capacities based on pin diameter no smaller than 5 times the body diameter.

Rated Capacities based on design factor of 5.

Horizontal sling angles of less than 30° shall not be used.

All capacities in tons of 2000 lbs.

All diameter dimensions in inches.

Union, a WireCo WorldGroup brand, produces wire rope for a variety of applications – each with their own exacting specifications. We employ the most experienced, talented, licensed engineers in the industry to design solutions for your application. Eight WireCo WorldGroup manufacturing operations and seven distribution centers in North America, plus manufacturing facilities in Mexico, Germany and China, give our customers unparalleled support and global reach. Find out for yourself why Union wire ropes have proven themselves time and time again in the field. **Union: Tested, Tough & True.**