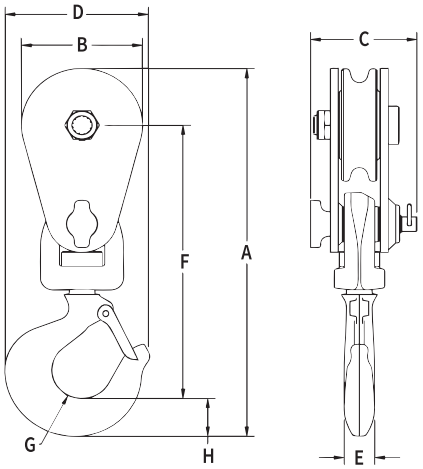
Crosby® Snatch Blocks: Single Sheave Hook


420


418


430


434



- Opening feature permits easy insertion of rope without reeving, or while the block is suspended.
- Bolt for opening feature is retained, to ensure no lost bolts.
- Forged steel swivel tees, yokes and hooks.
- Furnished with a latch installed.
- Can be furnished with bronze bushings or roller bearings.
- Center pin equipped with pressure lube fitting.
- All sizes feature sheave grooves suited for a range of wire line diameters.
- Meets or exceeds all requirements of ASME B30.26 including identification ductility, design factor, proof load and temperature requirements. Importantly, these blocks meet other critical performance requirements including fatigue life and material traceability, not addressed by ASME B30.26.
- All blocks are RFID EQUIPPED.
- "All Alloy" snatch blocks feature a significant reduction in weight compared to snatch blocks made of non-alloy materials.
- Crosby's Engineered Solutions Group is ready to discuss your requirements and help select or develop the ideal block for your application.

Working Load Limit (t)*	Wire Rope Size (in)	Sheave Diameter (in)	Bearing Code	Weight Each (lb)	Catalog No.	Description	Stock No.	Dimensions (in)							
								A	B	C	D	E	F	G	H
15 tonnes															
15	3/4 - 7/8	8	BB	51	420	Champion	108275	23.50	8.12	5.09	8.34	1.76	16.51	1.50	2.93
15	3/4 - 7/8	8	RB	51	420	Champion	108276	23.50	8.12	5.09	8.34	1.76	16.51	1.50	2.93
15	3/4 - 7/8	10	BB	63	420	Champion	108371	25.25	10.12	5.09	8.34	1.76	17.26	1.50	2.93
15	3/4 - 7/8	10	RB	63	420	Champion	108372	25.25	10.12	5.09	8.34	1.76	17.26	1.50	2.93
15	3/4 - 7/8	16	BB	130	418	Light Champion	108608	32.25	16.12	5.09	8.34	1.76	21.26	1.50	2.93
15	3/4 - 7/8	16	RB	130	418	Light Champion	108626	32.25	16.12	5.09	8.34	1.76	21.26	1.50	2.93
15	7/8 - 1	18	BB	150	418	Light Champion	108644	33.50	18.12	5.09	8.34	1.76	21.51	1.50	2.93
15	7/8 - 1	18	RB	150	418	Light Champion	108662	33.50	18.12	5.09	8.34	1.76	21.51	1.50	2.93
20 tonnes															
20	1 - 1-1/8	8	BB	75	430	Super Champion	120023	25.87	8.12	6.00	9.39	2.00	18.43	1.50	3.38
20	1 - 1-1/8	8	RB	75	430	Super Champion	120041	25.87	8.12	6.00	9.39	2.00	18.43	1.50	3.38
20	1 - 1-1/8	10	BB	89	430	Super Champion	120096	27.94	10.12	6.00	9.39	2.00	19.50	1.50	3.38
20	1 - 1-1/8	10	RB	89	430	Super Champion	120112	27.94	10.12	6.00	9.39	2.00	19.50	1.50	3.38
20	1 - 1-1/8	12	BB	103	430	Super Champion	120176	30.00	12.25	6.00	9.39	2.00	20.50	1.50	3.38
20	1 - 1-1/8	12	RB	103	430	Super Champion	120194	30.00	12.25	6.00	9.39	2.00	20.50	1.50	3.38
20	1 - 1-1/8	14	BB	123	430	Super Champion	120256	32.34	14.00	6.00	9.39	2.00	21.96	1.50	3.38
20	1 - 1-1/8	14	RB	123	430	Super Champion	120274	32.34	14.00	6.00	9.39	2.00	21.96	1.50	3.38
25 tonnes															
25	1 - 1-1/4	8	BB	90	434	All Alloy High Capacity	208896	26.56	8.25	6.13	9.36	2.00	19.06	1.50	3.38
25	1 - 1-1/4	10	BB	107	434	All Alloy High Capacity	208910	28.63	10.25	6.13	9.36	2.00	20.13	1.50	3.38
25	1 - 1-1/4	18	BB	240	430	Super Champion	119486	41.41	18.25	7.12	11.76	2.50	27.97	1.94	4.32
25	1 - 1-1/4	18	RB	240	430	Super Champion	119487	41.41	18.25	7.12	11.76	2.50	27.97	1.94	4.32
30 tonnes															
30	1 - 1-1/4	12	BB	165	434	All Alloy High Capacity	208931	36.32	12.25	7.00	11.76	2.50	25.88	1.94	4.32
30	1 - 1-1/4	14	BB	180	434	All Alloy High Capacity	208932	38.57	14.25	7.00	11.76	2.50	27.13	1.94	4.32
30	1 - 1-1/4	20	BB	375	430	Super Champion	119507	52.15	20.25	8.31	15.24	3.00	36.12	2.25	5.91
30	1 - 1-1/4	20	RB	375	430	Super Champion	119516	52.15	20.25	8.31	15.24	3.00	36.12	2.25	5.91
30	1 - 1-1/4	24	BB	450	430	Super Champion	119525	55.75	24.25	8.31	15.24	3.00	37.75	2.25	5.91
30	1 - 1-1/4	24	RB	450	430	Super Champion	119534	55.75	24.25	8.31	15.24	3.00	37.75	2.25	5.91

* Ultimate Load is 4 times the Working Load Limit.

Twin-Path® Slings with Covermax® Cover, K-Spec® Core Yarn and Check-Fast® Inspection System

Twin-Path® synthetic roundslings have Check-Fast® Inspection System overload indicators, Covermax® Covers for superior abrasion resistance, and inner red covers as an aid to inspection. Twin-Path® slings are used worldwide in place of steel rigging for heavy lifts. They are approximately 10% of the weight of a steel sling and are repairable. The Twin-Path® sling design, which has two individual paths of fiber working as one sling, gives the rigger confidence. These slings have less than 1% elongation at rated capacity.

If productivity, safety, and precision are important, then Twin-Path® high-performance roundslings are your best choice. Independent testing shows that K-Spec® core yarn is the longest lasting load-bearing core yarn in any sling.

Twin-Path® Check-Fast® Slings (with K-Spec® core yarn and Covermax®)

NOTE: Capacities shown include both paths and are for one complete sling. Sling ratings based on commercial fittings of equal or greater capacity. Conforms to ANSI/ASME B30.9 chapter 6, NAVFAC P-307 section 14.7.4.3, and the Cordage Institute Roundsling Standard. This chart is based on a 5:1 Design Factor (DF); but any other DF can be fabricated. Higher capacity slings are available. **CAPACITIES ARE IN POUNDS (LBS.).**

Twin-Path® Sling Stock No.	Vertical	Choker	Vertical Basket	Basket Hitches		Approximate Weight (Lbs. per Ft.) (Bearing-Bearing)	Nominal Body Width (Inches)*
			90°	60°	45°		
TPXCF/TPXC 1000	10,000	8,000	20,000	17,320	14,140	.40	1.5 - 3″
TPXCF/TPXC 1500	15,000	12,000	30,000	25,980	21,210	.45	1.5 - 3″
TPXCF/TPXC 2000	20,000	16,000	40,000	34,640	28,280	.51	1.5 - 3″
TPXCF/TPXC 2500	25,000	20,000	50,000	43,300	35,350	.57	2.0 - 4″
TPXCF/TPXC 3000	30,000	24,000	60,000	51,960	42,420	.71	2.0 - 4″
TPXCF/TPXC 4000	40,000	32,000	80,000	69,280	56,560	.83	2.0 - 4″
TPXCF/TPXC 5000	50,000	40,000	100,000	86,600	70,700	1.14	2.5 - 5″
TPXCF/TPXC 6000	60,000	48,000	120,000	103,920	84,840	1.27	2.5 - 5″
TPXCF/TPXC 7000	70,000	56,000	140,000	121,240	98,980	1.39	2.5 - 5″
TPXCF/TPXC 8500	85,000	68,000	170,000	147,220	120,190	1.65	3.0 - 6″
TPXCF/TPXC 10000	100,000	80,000	200,000	173,200	141,400	1.84	3.0 - 6″
TPXCF/TPXC 12500	125,000	100,000	250,000	216,500	176,750	2.35	4.0 - 8″
TPXCF/TPXC 15000	150,000	120,000	300,000	259,800	212,100	2.66	4.0 - 8″
TPXCF/TPXC 17500	175,000	140,000	350,000	303,100	247,450	3.14	4.0 - 8″
TPXCF/TPXC 20000	200,000	160,000	400,000	346,400	282,800	3.45	5.0 - 10″
TPXCF/TPXC 25000	250,000	200,000	500,000	433,000	353,500	4.07	5.0 - 10″
TPXCF/TPXC 27500	275,000	220,000	550,000	476,300	388,850	4.61	6.0 - 12″
TPXCF/TPXC 30000	300,000	240,000	600,000	519,600	424,200	4.92	6.0 - 12″
TPXCF/TPXC 40000	400,000	320,000	800,000	692,800	565,600	6.54	7.0 - 14″
TPXCF/TPXC 50000	500,000	400,000	1,000,000	866,000	707,000	8.15	8.0 - 16″
TPXCF/TPXC 60000	600,000	480,000	1,200,000	1,039,000	848,000	10.20	9.0 - 18″

*Dimensions can vary according to the hardware or bearing points the slings are used with. Minimum is "tapered" width; Maximum is the flat tubing width.

METRIC SLINGS AVAILABLE

WARNING **Sling can fail if damaged, misused or overloaded. Inspect before use. Damaged sling shall not be used. Use only if trained. Do not exceed rated capacity. Protect sling from being cut by load edges, corners, protrusions and abrasive surfaces. Avoid exposure to acid, alkali and temperature over 180°F. DEATH or INJURY can occur from improper use or maintenance.**

Mechanical Splice Flemish Eye Slings

Mechanical Splice Flemish Eye Slings are general purpose slings. They are adaptable for basket and straight-pull hitches. These slings are more widely used than any other type of sling for general material handling. In sizes of 1” diameter and up, Tri-Flex® slings should be used as they are economical, light, and flexible.

6 x 19 Type, EIP, IWRC

Rope Size (inches)	Eye Size (inches)		Recommended Minimum Length	Rated Capacity in Tons (2000 lbs.)*					
				Vertical	Choker Hitch	Basket Hitch			
	W	L				Vertical Basket	60°	45°	30°
1/4"	3	6	1' 6"	.65	.48	1.3	1.1	.91	.65
5/16"	3	6	1' 10"	1.0	.74	2.0	1.7	1.4	1.0
3/8"	3	6	1' 10"	1.4	1.1	2.9	2.5	2.0	1.4
7/16"	4	8	2' 4"	1.9	1.4	3.9	3.4	2.7	1.9
1/2"	4	8	2' 6"	2.5	1.9	5.1	4.4	3.6	2.5
9/16"	4	8	2' 8"	3.2	2.4	6.4	5.5	4.5	3.2
5/8"	5	10	3' 2"	3.9	2.9	7.8	6.8	5.5	3.9
3/4"	6	12	3' 8"	5.6	4.1	11.0	9.7	7.9	5.6
7/8"	7	14	4' 4"	7.6	5.6	15.0	13.0	11.0	7.6
1"	8	16	4' 10"	9.8	7.2	20.0	17.0	14.0	9.8
1 1/8"	9	18	5' 6"	12.0	9.1	24.0	21.0	17.0	12.0

⚠ **Warning: Sling can fail if damaged, misused, or overloaded causing severe injury or death!**

- For use only by a competent and / or qualified person as defined by OSHA.
- Do not exceed rated capacity. Protect sling from being cut by load edges, corners, protrusions, and abrasive surfaces. Do not expose to damaging chemicals or temperatures. • For important safety, removal, and repair information follow OSHA, ASME B30.9 and associated Use and Care instructions. • See www.iandisling.com for more information.