Bishop Lifting Products, Inc.
www.Lifting.com

Pipeline Slings Catalog

Lowering-in Belts | Head Irons | Lined Steel Choker Belts | Roundslings | Rigging Accessories

AWRF

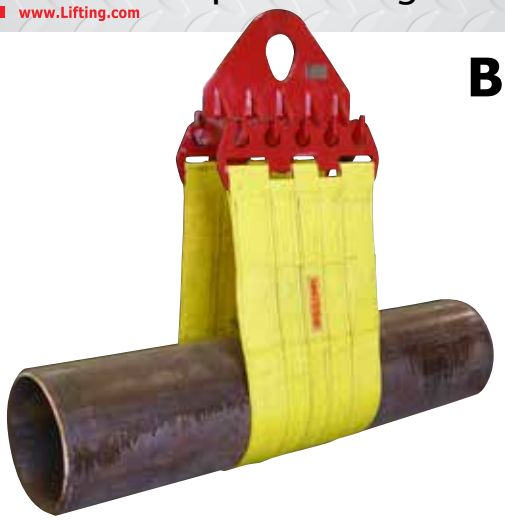
SC&RA MEMBER

ACRP Association of Crane & Rigging Professionals

American Pipeline Contractors Association

Web Sling & Tie Down Association MEMBER

Quality System Certification DNV·GL ISO 9001



BLP "Mainline" Lowering-in Belts

Model # BLL – Bishop Lifting Lowering-in Belts

- Experienced, leading belt manufacturer for over 25 years
- Heavy duty polyester webbing for durability and strength
- Alloy steel end irons for greater strength with less weight
- Web coated with heavy duty Yellow Jacket™ Coating
- Orange vinyl tag with clear protective cover to protect data
- End irons painted
- Custom belts available for pipe diameters not listed
- Belts used around the world, in all types of climates, in sizes up to 60" diameter pipe
- Head iron not included as pictured
- Lowering-in belt and head iron sold separately

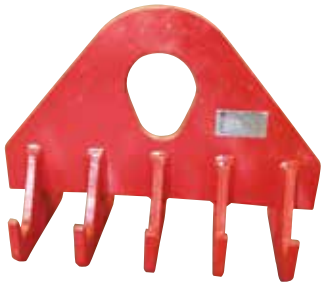
Part#	Max Pipe Diameter		Belt Width		Belt Length		Approximate Weight		Rated Capacity	
	in	mm	in	mm	ft.-in	m	Lbs.	Kg	Lbs.	Kg
BLL-0212	12"	305	12"	305	4'- 9"	1.45	32	14.5	48,000	21,772
BLL-0418	18"	457	18"	457	7'- 0"	2.13	52	23.6	73,000	33,112
BLL-0420	20"	508	18"	457	7'- 6"	2.29	55	24.9	73,000	33,112
BLL-0524	24"	610	24"	610	8'- 6"	2.59	81	36.7	97,000	43,998
BLL-0630	30"	762	30"	762	10' - 0"	3.05	90	40.8	122,000	55,338
BLL-0736	36"	914	36"	914	11' – 6"	3.51	120	54.4	146,000	66,224
BLL-0742	42"	1067	36"	914	13' – 6"	4.11	135	61.2	146,000	66,224
BLL-0748	48"	1219	36"	914	15' – 0"	4.57	155	70.3	146,000	66,224
BLL-0842	42"	1067	42"	1067	13' – 6"	4.11	150	68.0	171,000	77,564
BLL-0848	48"	1219	42"	1067	15' – 0"	4.57	170	77.1	171,000	77,564
BLL-0948	48"	1219	48"	1219	15' – 0"	4.57	200	90.7	195,000	88,450
BLL-0956	56"	1422	48"	1219	17' – 0"	5.18	222	100.0	195,000	88,450
BLL-1156	56"	1422	56"	1422	17' – 0"	5.18	250	113.0	228,000	103,418
BLL-1160	60"	1524	56"	1422	18' – 0"	5.49	270	122.0	228,000	103,418

- Pipe sizes and lengths not listed available on special request
- Designed to meet or exceed: ASME B30.20 Below-the-Hook Lifting Devices and AWS D14.1 Welding Procedures

BLP "Mainline" Head Irons

Model # BLH – Bishop Lifting Head Irons

Part#	Fits Lowering-in Belt #	Lifting Eye Size		Approximate Weight	
		in width x length	mm width x length	Lbs.	Kg
BLH-02	BLL-02 Series	5" x 6.5"	127 x 165	45	20
BLH-04	BLL-04 Series	4.75" x 6.25"	121 x 159	78	35
BLH-05	BLL-05 Series	4.75" x 6.25"	121 x 159	110	50
BLH-06	BLL-06 Series	4.75" x 6.25"	121 x 159	147	67
BLH-07	BLL-07 Series	6.5" x 9"	165 x 229	180	82
BLH-08	BLL-08 Series	6.5" x 9"	165 x 229	215	98
BLH-09	BLL-09 Series	6.5" x 9"	165 x 229	230	104
BLH-11	BLL-11 Series	6.5" x 9"	165 x 229	275	125



- Used to suspend lowering-in belts
- Alloy steel bail for greater strength with less weight
- Painted
- Stainless Steel Data Plate
- Easy release hooks on one side
- Lowering-in Belt not included

QUALITY SYSTEM CERTIFICATION DNV·GL ISO 9001

BLP Lined Steel Choker Belts

Model # BLC – Bishop Lifting Lined Steel Choker Belt

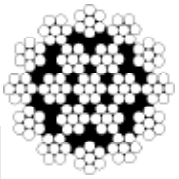
- Aligns pipe exactly without slippage for bending, welding, etc.
- Roll pipe, pull pipe, secure extreme bends-all without damage
- Fastest tool available for positioning and handling pipe
- Fully adjustable for coating thickness
- Super Heavy Duty Barrier webbing for increased life and gripping efficiency
- Easily repairable in field for longer life
- Used around the world on pipe up to 60"
- Replacement Parts Available

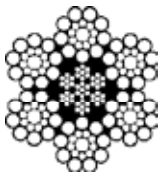
Part#	Max. Pipe Diameter		Belt Width		Approx Weight		Rated Capacity	
	inches	mm	inches	mm	lbs.	kg	lbs.	kg
BLC-110	10"	254	8"	203	50	23	7,600	3,447
BLC-112	12"	305	8"	203	93	42	7,600	3,447
BLC-114	14"	356	8"	203	109	49	7,600	3,447
BLC-116	16"	406	8"	203	115	52	7,600	3,447
BLC-118	18"	457	8"	203	120	54	7,600	3,447
BLC-120	20"	508	8"	203	125	57	7,600	3,447
BLC-124	24"	607	8"	203	133	60	16,800	7,620
BLC-126	26"	660	8"	203	137	62	16,800	7,620
BLC-128	28"	711	8"	203	140	64	16,800	7,620
BLC-130	30"	762	8"	203	142	64	16,800	7,620
BLC-136	36"	660	8"	203	160	73	16,800	7,620
BLC-140	40"	1016	8"	203	190	86	21,400	9,707
BLC-142	42"	1067	8"	203	200	91	21,400	9,707
BLC-148	48"	1219	8"	203	210	95	21,400	9,707
BLC-156	56"	1422	8"	203	225	102	27,200	12,338
BLC-160	60"	1524	8"	203	235	107	27,200	12,338

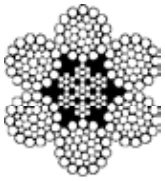
Designed to meet or exceed: ASME B30.9 Slings, B30.20 Below-the-Hook Lifting Devices
AWS D14.1 Welding Procedures

QUALITY SYSTEM CERTIFICATION DNV·GL ISO 9001

Union







19x7 CLASS ROPES

MINIMUM BREAKING FORCE AND WEIGHTS FOR 19x7 ROPES

Diameter (in.)	Approx. wt./ft. (lbs.)	Minimum breaking force (tons of 2,000 lbs.) XIP®IWRC
3/16	0.064	1.57
1/4	0.113	2.77
5/16	0.177	4.30
3/8	0.25	6.15
7/16	0.35	8.33
1/2	0.45	10.8
9/16	0.58	13.6
5/8	0.71	16.8
3/4	1.02	24.0
7/8	1.39	32.5
1	1.82	42.2
1 1/8	2.30	53.1
1 1/4	2.83	65.1
1 3/8	3.43	78.4
1 1/2	4.08	92.8

Should not be used with a swivel.
Category 2 rotation-resistance per ASTM A1023.

8x25 RESISTWIST ROPES

MINIMUM BREAKING FORCE AND WEIGHTS FOR 8x25 RESISTWIST

Diameter (in.)	Approx. wt./ft. (lbs.)	Minimum breaking force (tons of 2,000 lbs.) XIP®IWRC
5/16	0.18	4.63
3/8	0.26	6.63
7/16	0.36	8.97
1/2	0.47	11.6
9/16	0.60	14.7
5/8	0.73	18.1
3/4	1.06	25.9
7/8	1.44	35.0
1	1.88	45.5
1 1/8	2.39	57.3
1 1/4	2.94	70.5
1 3/8	3.56	84.9
1 1/2	4.24	100

Should not be used with a swivel.
Category 3 rotation-resistance per ASTM A1023.

6x19 AND 6x36(37) CLASS ROPES

MINIMUM BREAKING FORCE AND WEIGHTS FOR STANDARD 6x19 AND 6x36 CLASS ROPES

Diameter (in.)	Approx. wt./ft. (lbs.)	IWRC Minimum breaking force (tons of 2,000 lbs.) XIP®	XXIP®
1/4	0.116	3.40	
5/16	0.18	5.27	
3/8	0.26	7.55	8.30
7/16	0.35	10.2	11.2
1/2	0.46	13.3	14.6
9/16	0.59	16.8	18.5
5/8	0.7	20.6	22.7
3/4	1.0	29.4	32.4
7/8	1.42	39.8	43.8
1	1.85	51.7	56.9
1 1/8	2.34	65.0	71.5
1 1/4	2.89	79.9	87.9
1 3/8	3.50	96.0	106
1 1/2	4.16	114	125
1 5/8	4.88	132	146
1 3/4	5.67	153	169
1 7/8	6.50	174	192
2	7.39	198	217
2 1/8	8.35	221	244
2 1/4	9.36	247	272

Should not be used with a swivel.
Available in drawn galvanized at equivalent strengths.

Yellow Strand.

QUALITY SYSTEM CERTIFICATION
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BLP Roundslings

Model # BLR – Bishop Lifting Roundsling

- Double Polyester Tubing for better abrasion resistance, and easier inspection
- Orange Vinyl Tag with Clear Vinyl Cover to protect data
- Vinyl tag sewn on a Cordura Sleeve that allows the tag to float freely around the sling
- Individually packaged for better storage

Part No.		Color	Approx Dia.	Wt. per foot	Vertical Hitch	Choke Hitch	Vertical Basket Hitch
Model	Length ft.		Inch	Lbs.	Lbs.	Lbs.	Lbs.
BLR1	*	Purple	.60	.30	2,600	2,100	5,200
BLR2	*	Green	.80	.40	5,300	4,200	10,600
BLR3	*	Yellow	1.00	.50	8,400	6,700	16,800
BLR4	*	Tan	1.20	.65	10,600	8,500	21,200
BLR5	*	Red	1.30	.80	13,200	10,600	26,400
BLR6	*	White	1.45	1.00	16,800	13,400	33,600
BLR7	*	Blue	1.55	1.20	21,200	17,000	42,400
BLR8	*	Orange	1.75	1.50	25,000	20,000	50,000
BLR9	*	Gray or Orange	1.95	2.00	31,000	24,800	62,000
BLR10	*	Orange	2.35	2.80	40,000	32,000	80,000
BLR11	*	Brown	3.15	3.60	53,000	42,400	106,000
BLR12	*	Olive	3.95	4.60	66,100	52,800	132,000
BLR13	*	Black	4.50	5.60	90,000	72,000	180,000

* Customer to specify length

Designed to meet or exceed: ASME B30.9 Slings

QUALITY SYSTEM CERTIFICATION DNV·GL ISO 9001

BLP TPXC

US Patent #4,850,629, #5,651,572
CN #1,280,458, #2,195,393
Italy #97300367.6
Japan # 2929431
Australia # 707924

Twin-Path® Extra Sling with CoverMax® and K-SPEC® Core Yarn TPXC

This is the world's first truly ergonomic sling. It has a bulked nylon outer cover for superior abrasion resistance. These are made in sizes up to 500,000 lbs. vertical rated capacity. Larger capacity slings are available on special order. Extra Heavy Duty Covermax® is standard on 40,000 lb. vertical capacity and higher. These slings have overload tell-tails, inner red cover, and are used worldwide in place of wire rope slings for heavy lifts. They are about 10% of the weight of a steel sling. These products are repairable. The Twin-Path® patented design provides the rigger with two connections between the hook and the load for redundant back-up protection. These slings have 1% stretch at rated capacity compared to braided polyester round slings which can stretch up to 9%. If ergonomics, productivity and safety are important, then these slings are the only choice. This is the lightest and strongest sling on the market today with K-Spec® the longest lasting load bearing core yarn, backed by independent testing. All slings have fiber optic internal inspection system.

Part No.		Rated Capacities in lbs.				Approx Weight @ Ft.'	Approx Body Width"
Model No.	Length feet	Choker	Vertical	Basket	60° Basket		
TPXC1000	*	8,000	10,000	20,000	17,320	.31	1.5-3"
TPXC1500	*	12,000	15,000	30000	25,980	.40	1.5-3"
TPXC2000	*	16,000	20,000	40,000	34,640	.55	1.5-3"
TPXC2500	*	20,000	25,000	50,000	43,300	.65	2-4"
TPXC3000	*	24,000	30,000	60,000	51,960	.80	2-4"
TPXC4000	*	32,000	40,000	80,000	69,280	1.12	2.5-5"
TPXC5000	*	40,000	50,000	100,000	86,139	1.50	2.5-5"
TPXC6000	*	48000	60,000	120000	103,920	1.60	2.5-5"
TPXC7000	*	56,000	70,000	140,000	121,240	1.68	3-6"
TPXC8500	*	68,000	85,000	170,000	147,220	1.85	3-6"
TPXC10000	*	80,000	100,000	200,000	173,200	2.20	3-6"
TPXC12500	*	100,000	125,000	250,000	216,500	3.00	4-8"
TPXC15000	*	120,000	150,000	300,000	259,800	3.36	4-8"
TPXC17500	*	140,000	175,000	350,000	303,100	4.00	5-10"
TPXC20000	*	160,000	200,00	400,000	346,400	4.37	5-10"
TPXC25000	*	200,000	250,000	500,000	433,000	5.50	6-12"
TPXC30000	*	240,000	300,000	600,000	519,600	7.50	6-12"

* Customer to specify length

QUALITY SYSTEM CERTIFICATION DNV·GL ISO 9001

Twisted Eye Polyester Web Slings

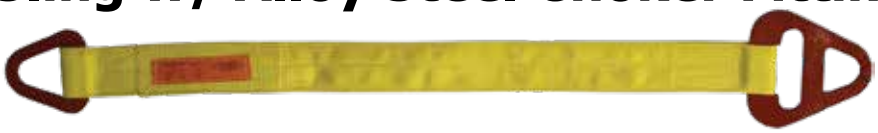
Model # BLT – Bishop Lifting Twisted Eye Polyester Web Sling, 2 Ply

- Heavy Duty Polyester Webbing with UV inhibitors
- Orange Vinyl Tag, with Clear Vinyl Cover to protect the data
- Twisted eyes form a tight choke on pipe

Part#	Pipe Dia.	Web Width	Length	ChokerCapacity	Wt. Each
2 Ply	inches		ft. / in	in lbs.	
BLT-4206	6"	4"	3' 6"	8,800	1.5
BLT-4212	12"	4"	5' 6"	8,800	2.5
BLT-4218	18"	6"	7' 0"	13,200	5
BLT-4220	20"	6"	7' 6"	13,200	5.5
BLT-4224	24"	6"	8' 6"	13,200	6
BLT-4230	30"	8"	10' 6"	18,200	10
BLT-4236	36"	8"	12' 0"	18,200	12
BLT-4242	42"	10"	14' 0"	22,720	16
BLT-4248	48"	10"	15' 6"	22,720	18
BLT-4256	56"	12"	17' 6"	27,280	24
BLT-4260	60"	12"	18' 6"	27,280	26

** 4 ply available upon request

Web Sling w/ Alloy Steel Choker Fittings



Model # BLS – Bishop Lifting Polyester Web Sling w/ Alloy Steel Choker Fittings, 2 Ply

- Heavy Duty Polyester Webbing with UV inhibitors
- Alloy Steel End Fittings
- Orange Vinyl Tag, with Clear Vinyl Cover to protect the data
- Steel end fittings increase the life of the sling

Part#	Pipe Dia.	Web Width	Length	Choker Capacity	Wt. Each
2 Ply	inches		ft. - in	in lbs.	
BLS-1206	6"	4"	3' 6"	8,800	13
BLS-1212	12"	4"	5' 6"	8,800	15
BLS-1218	18"	6"	7' 0"	13,200	19
BLS-1220	20"	6"	7' 6"	13,200	21
BLS-1224	24"	6"	8' 6"	13,200	23
BLS-1230	30"	8"	10' 6"	18,200	36
BLS-1236	36"	8"	12' 0"	18,200	38
BLS-1242	42"	10"	14' 0"	22,720	44
BLS-1248	48"	10"	15' 6"	22,720	46
BLS-1256	56"	12"	17' 6"	27,280	76
BLS-1260	60"	12"	18' 6"	27,280	82

** 4 ply available upon request

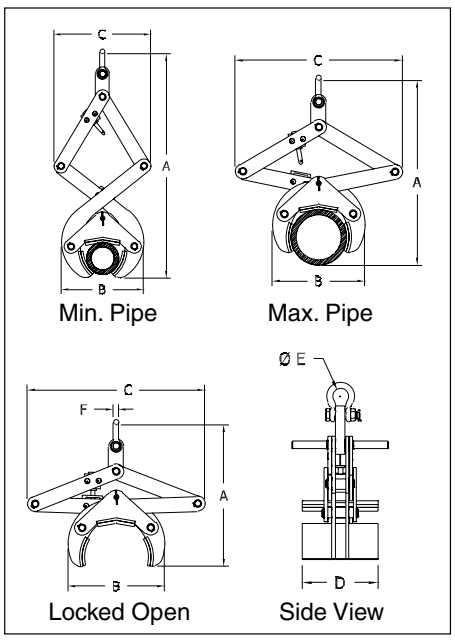
QUALITY SYSTEM CERTIFICATION DNV·GL ISO 9001

CROSBY Clamp-Co® Padded Pipe Grab

CCPA

The new Crosby Clamp-Co® Adjustable Pipe Grab provides an excellent means of handling cylindrical objects. Featuring padded grabs, the new Grab offers an excellent method of handling any pipe or solid bar, 3.5" to 36", especially where damage to material surface is not permitted.

- Capacities: 1,200 lb to 20,000 lb
- Each Grab size accommodates several diameters of pipe or solid bar.
- Auto indexing system provides quick connect and disconnect to load (one person - hands free).
- Individually Proof Tested to 2 times the Working Load Limit with certification
- Designed to handle loads of various types of material, including:
  - Cast Iron / Steel
  - PVC
  - Painted
  - Epoxy Coated
- Finish - Red Paint
- Replacement pads are available.
- Features Crosby shackle as upper connection point.
- Custom sizes are available.
- All sizes are **RFID EQUIPPED**.
- Only Models PA-5 and PA-8 come with a shackle.



Padded Pipe Grab

Model No.	CCPA Stock No.	Working Load Limit* (lb)	Weight Each (lb)	Grip Width	Dimensions (in) A	B	C	D	E	F
PA-5	2736000	1200	23	Locked Open	13.50	10.00	18.00	6.50	1.31	.50
				Min. Pipe 3.50"	27.00	9.00	8.00			
				Max. Pipe 5.56"	23.00	9.00	14.75			
PA-8	2736009	2000	75	Locked Open	23.50	15.50	27.75	10.00	1.69	.63
				Min. Pipe 5.56"	40.50	14.50	14.00			
				Max. Pipe 8.81"	34.00	14.75	24.00			
PA-14	2736018	4500	230	Locked Open	28.75	24.00	28.50	15.50	1.50	1.00
				Min. Pipe 8.81"	46.00	22.50	13.50			
				Max. Pipe 14.00"	34.00	23.00	26.00			
PA-22	2736027	10,000	496	Locked Open	42	36	42.5	20	2.5	1.5
				Min. Pipe 14.00"	67.5	34	19			
				Max. Pipe 22.00"	52	36	40			
PA-36	2736036	20,000	1250	Locked Open	57.27	57.03	57.31	30.00	3.37	1.50
				Min. Pipe 24.00"	92.02	52.38	26.98			
				Max. Pipe 36.00"	66.36	55.03	53.24			

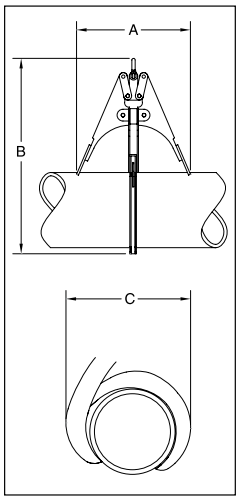
* Maximum Proof Load is 2 times the Working Load Limit and design factor based on EN13155 and ASME B30.20.

CROSBY Clamp-Co® Pipe Grabs

CCPG

Crosby Clamp-Co® Pipe Grabs provide an excellent means of handling cylindrical objects as long as they meet Pipe O.D. and Working Load Limits referenced in the table below.

- Capacities: 450 lb to 7,000 lb
- Moveable outriggers help stabilize the load.
- No blocking of load required.
- Individually Proof Tested to 2 times the Working Load Limit with certification
- Designed to handle loads of various types of material, including:
  - Cast Iron
  - Steel
  - PVC
  - C900
  - Yellowmine Ductile Iron
  - Cement Pipe
- Finish - Red Paint.
- Custom sizes are available.
- All sizes are **RFID EQUIPPED.**



NOTE: Pipe grab sizes listed will handle all classes in a category of ASA standard cast iron pipe, C900, Yellowmine, Schedule 40, 80 & 120 PVC or ASA standard steel welded and seamless pipe. Standard, extra strong and double extra all have the same outside diameter.

For Cast Iron Pipe C-900, C-905, Bluestripe C-906, Certa-Lok PVC Pressure Pipe

Model No.	CCPG- 900 Stock No.	Working Load Limit (lb)*	Pipe O.D. (in)	Weight Each (lb)	Dimensions (in)		
					A	B	C
C-3	2730000	450	4.00	10.0	5.00	10.00	6.00
C-4	2730009	600	4.80	11.0	8.00	14.00	7.00
C-6	2730018	1000	6.90	15.0	11.00	17.00	11.00
C-8	2730027	1400	9.05	25.0	13.00	22.00	14.00
C-10	2730036	2000	11.1	48.0	15.00	27.00	17.00
C-12	2730045	2500	13.2	72.0	18.00	32.00	20.00
C-14	2730054	3500	15.3	105	22.00	38.00	23.00
C-16	2730063	4000	17.4	130	24.00	42.00	25.00
C-18	2730072	5000	19.5	170	26.00	45.00	28.00
C-20	2730081	6500	21.6	210	28.00	50.00	32.00
C-24	2730090	7000	25.8	225	31.00	58.00	35.00

* Maximum Proof Load is 2 times the Working Load Limit and design factor based on EN13155 and ASME B30.20.

For Steel Pipe SDR Class 200, Yellowmine, PVC Schedule 40, 80 and 120

Model No.	CCPG- 200 Stock No.	Working Load Limit (lb)*	Pipe O.D. (in)	Weight Each (lb)	Dimensions (in)		
					A	B	C
S-3	2731000	450	3.50	10.0	5.00	10.00	6.00
S-4	2731009	600	4.50	11.0	8.00	14.00	7.00
S-6	2731018	1000	6.63	15.0	11.00	17.00	11.00
S-8	2731027	1400	8.63	25.0	13.00	22.00	14.00
S-10	2731036	2000	10.75	48.0	15.00	27.00	17.00
S-12	2731045	2500	12.75	72.0	18.00	32.00	20.00
S-14	2731054	3500	14.0	105	22.00	38.00	23.00
S-16	2731063	4000	16.0	130	24.00	42.00	25.00
S-18	2731072	5000	18.0	170	26.00	45.00	28.00
S-20	2731081	6500	20.0	210	28.00	50.00	32.00
S-24	2731090	7000	24.0	225	31.00	58.00	35.00

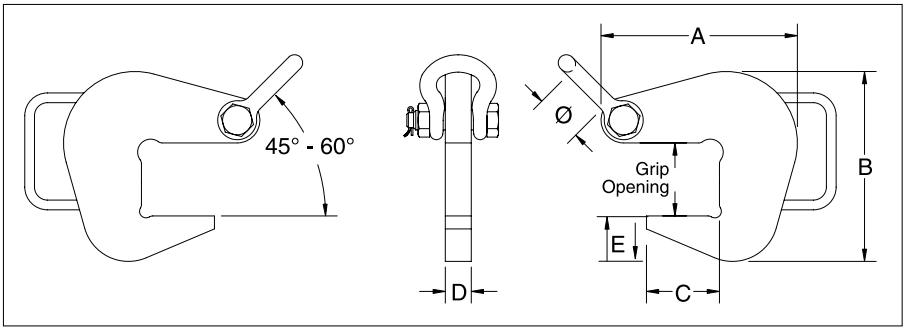
* Maximum Proof Load is 2 times the Working Load Limit and design factor based on EN13155 and ASME B30.20.

CROSBY Clamp -Co® Pipe Hooks

CCPH

Crosby Clamp-Co® Pipe Hooks provide a fast and efficient method for lifting pipe, tube or any similarly shaped fabrications.

- Alloy steel plate construction.
- Equipped with a convenient handle.
- Equipped with a Bolt Type Shackle.
- Non marring inserts available.
- Used in pairs with 45° - 60° horizontal angle or 60° - 90° included angle.



Pipe Hook

Model	CCPH Stock No.	Working Load Limit Per Pair (t)**	Grip Opening (in)	Weight Each (lb)	Dimensions (in)						Shackle Size (in)	Cast Aluminium Inserts*
					A	B	C	D	E	Ø		
PH-2	2734500	2	2.06	5.94	5.81	5.06	2.06	1.00	1.25	1.69	5/8	2734800 2734809
PH-4	2734509	4	2.81	10.03	7.56	7.31	2.81	1.00	1.75	1.69	5/8	2734818
PH-6	2734518	6	4.06	17.74	10.18	10.06	4.06	1.00	2.25	2.00	3/4	2734827
PH-10	2734527	10	6.06	38.67	14.81	15.06	6.06	1.00	3.50	2.69	1.0	2734836

* See CCPHI chart for Pipe ID range. **Design factor based on EN13155 and ASME B30.20. Contact our Specials Sales Department for custom Pipe Hooks or reference the special request form on page 465.

NOTE: To determine grip opening when equipped with an insert, add the insert thickness shown in the Pipe Hook Insert table below.

CCPHI

Pipe Hook Inserts

- Replaceable cast aluminium inserts for use with the CCPH Pipe Hook that minimizes thread and pipe damage.

CCPHI

Model	CCPHI Stock No.	ID of Pipe (in)	Insert Thickness (in)
CCPHI	2734800	3-12	PH-2 = 0.7
	2734809	12-18	PH-2 = 1.3
	2734818	18-30	PH-4 = 1.3
	2734827	30-42	PH-6 = 1.8
	2734836	42-72	PH-10 = 2.3

QUALITY SYSTEM CERTIFICATION DNV·GL ISO 9001

Inspection & Removal Criteria

(from ASME B30.9)

Synthetic Slings, Roundslings and Pipeline Belts

Inspection Guidelines

Initial Inspection

Prior to use, all new, altered, modified, or repaired slings shall be inspected by a designated person to verify compliance with the applicable provisions of ASME B30.9 & B30.20.

Frequent Inspection

A Visual inspection for damage shall be performed by the user or other designated persons each day or shift the sling is used. Slings having conditions such as those listed below in removal criteria shall not be returned to service until approved by a qualified person. Written records are not required for frequent inspections

Periodic Inspection

A complete inspection for damage to the sling shall be periodically performed by a designated person. Each sling and component shall be examined individually, taking care to expose and examine all surfaces. The sling shall be examined for conditions listed below. Periodic inspections intervals shall not exceed 1 year. The frequency of periodic inspections should be based on:

1. frequency of sling use
2. severity of service conditions
3. nature of lifts being made
4. experience gained on the service lift of slings used in similar circumstances

Guidelines for the time intervals are:

- Normal Service – yearly
- Severe Service – monthly to quarterly
- Special Service – as recommended by a qualified person

Removal

All synthetic webbing, roundslings, or belts shall be removed from service if any of the following conditions exist.

- Missing or Illegible sling identification
- Acid or caustic burns
- Melting, charing, or heat damage of any part of the sling
- Holes, tears, cuts, or snags
- Broken or worn stitching in load bearing splices
- Weld splatter exposes core yards, or melts webbing
- Excessive abrasive wear
- Knots in any part of the sling
- Discoloration and brittle of stiff areas on any part of the sling, which may be an indication of chemical or ultraviolet/ sunlight damage
- Fittings that are pitted, corroded, cracked, bent, twisted, gouged, or broken
- Other conditions, including visible damage, that cause doubt as to the continued use of the sling

Environmental Effects

Polyester and nylon web and roundslings shall not be used in contact with an object or at temperatures in excess of 194°F (90°C) or below -40°F (-40°C).

Slings should be stored in an area where they will not be subjected to mechanical, chemical, or ultraviolet damage or extreme temperatures.

When extensive exposure to sunlight or ultraviolet light is experienced by nylon or polyester slings, the sling manufacturer should be consulted for recommended inspection procedure.

Safe Use Instructions

(from ASME B30.9)

Synthetic Slings, Roundslings and Pipeline Belts

Rigging Practices

- Slings shall be shortened or adjusted only by methods approved by the sling manufacturer of a qualified person.
- Slings shall not be shortened or lengthened be knotting or twisting.
- The sling shall be hitched in a manner providing control of the load.
- Sharp edges in contact with the sling should be padded with material of sufficient strength to protect the sling.
- Shock loading should be avoided.
- Loads should not be rested on the sling.
- Slings should not be pulled from under a load when the load is resting on the sling.
- Twisting shall be avoided.
- During lifting, with or without load, personnel shall be alert for possible snagging.
- In a basket hitch, the load should be balanced to prevent slippage.
- When using a basket hitch, the legs of the sling should contain or support the load from the sides, above the center of gravity, so that the load remains under control.
- Slings should not be dragged on the floor or over an abrasive surface like a gravel road, or concrete.
- In a choker hitch, the choke point should only be on the sling body, not on a splice or fitting.
- In a choker hitch, an angle of choke less than 120 degrees should not be used without reducing the rated load. (consult manufacturer)
- Slings should not be constricted, bunched, or pinched by the load, hook, or any fitting.
- The load applied to the hook should be centered in the base of the hook to prevent point loading on the hook, unless the hook is designed for point loading.
- An object in the eye of the sling should not be wider that one-half the length of the eye.

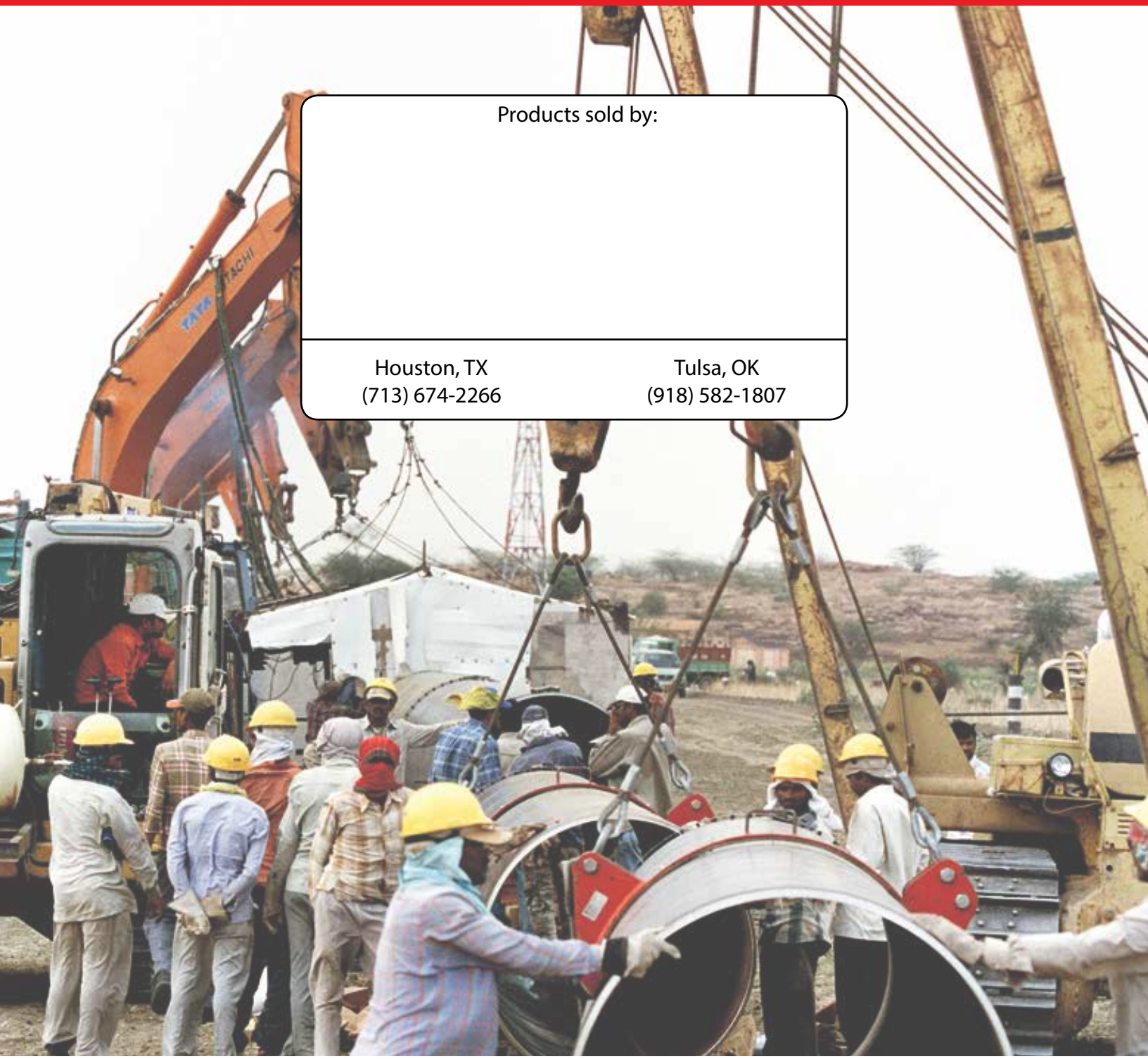
Special Recommendations

- Extended exposure to high temperatures may cause the Yellow Jacket Vinyl Coating to become tacky when rolling and unrolling belts.
- Exposure to low temperatures will considerably reduce the flexibility of the Lowering-in belts.
- If a Lowering-in Belt or Lined Steel Choker belt is damaged, return it to your distributor for possible repair. In most cases, the End Irons used on the Lowering-in belts can be tested, and reused.

Bishop Lifting Products, Inc.
www.Lifting.com

Pipeline Slings Catalog

Lowering-in Belts | Head Irons | Lined Steel Choker Belts | Roundslings | Rigging Accessories



Products sold by:

Houston, TX	Tulsa, OK
(713) 674-2266	(918) 582-1807

AWRF | S&RA MEMBER | ACRP Association of Crane & Rigging Professionals | American Pipeline Contractors Association | Web Sling & Tie Down Association Member | Quality System Certification DNV·GL ISO 9001

BLP-PSC-9/2019