



Twin-Path® Extra Covermax® Slings

For many years Slingmax® Inc. has worked hand in hand with riggers to create tools that would increase productivity and safety. Problem solving through the creation of innovative products is an ongoing function at Slingmax® Inc. By reading through the following list of product developments it is hoped a rigger may find something that will help make their work easier and safer while lowering the overall cost to the employer.

TWIN-PATH® EXTRA SLINGS WITH COVERMAX® AND K-SPEC® CORE YARN

US Patent #4,850,629 #5,651,572

CN #1,280,458



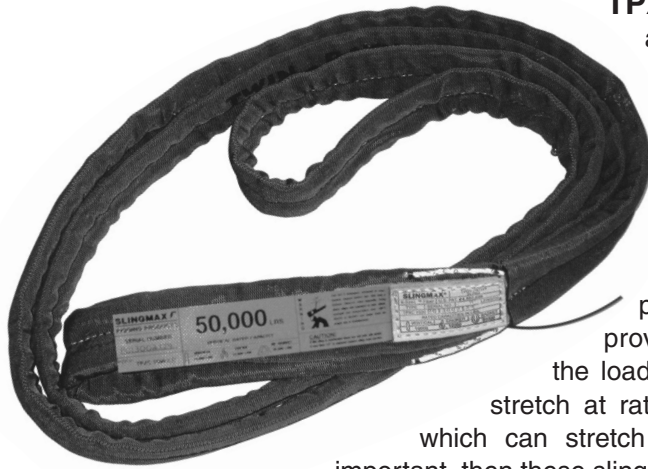
TPXC This is our best synthetic sling. It is made with K-Spec® high performance fibers, and it has a bulked nylon outer cover (Covermax®) that is very abrasion resistant. These are made in sizes up to 300,000 lbs. vertical rated capacity. Extra Heavy Duty Covermax is used on 100,000 lb. vertical capacity and higher. All of these slings have overload tell-tails, inner red cover, and are used worldwide in place of chain and wire rope slings for heavy lifts. Also, they are repairable. Like all Twin-Path® slings, they can be equipped with fiber optics for inspection.

The Twin-Path® patented design provides the rigger with redundant protection in the event that one path is cut. These slings have 1% stretch at rated capacity and are made in matched lengths. If your head room is critical then these are the slings for the job. These slings conform to ASME B30.9 Chapter six and US Navy NAVFAC P-307 Section 14. The Twin-Path® design was developed by Slingmax with the help of a team of professional riggers. The safety and inspection features found only in Twin-Path® products were created to overcome shortfalls riggers found in single path roundslings.



Twin-Path® Extra Covermax® Slings






TWIN-PATH® EXTRA (TPXC) 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 300,000 lbs. vertical rated capacity. Larger capacity slings are available on special order. Extra Heavy Duty Covermax® is standard on 100,000 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.

TWIN-PATH® EXTRA COVERMAX® SPECIFICATIONS

United States
Patent #4,850,629
#5,651,572

Twin-Path® Extra Covermax® Stock No.	Rated Capacities (Lbs.) 5-1 D/F					Canadian Patent #1,280,458	
	Choker 	Vertical 	Basket Hitches			Approximate Weight (Lbs. per Ft.) (Bearing-Bearing)	Approximate Body Width (Inches)
			0° 	60° 	45° 		
TPXC 2000	16,000	20,000	40,000	34,600	28,280	.55	3"
TPXC 2500	20,000	25,000	50,000	43,300	35,350	.65	4"
TPXC 3000	24,000	30,000	60,000	51,900	42,420	.80	4"
TPXC 4000	32,000	40,000	80,000	69,200	56,560	1.12	5"
TPXC 5000	40,000	50,000	100,000	86,500	70,700	1.50	5"
TPXC 6000	48,000	60,000	120,000	103,800	84,840	1.60	5"
TPXC 7000	56,000	70,000	140,000	121,200	98,980	1.68	6"
TPXC 8500	68,000	85,000	170,000	147,100	120,190	1.85	6"
TPXC 10000	80,000	100,000	200,000	173,100	141,400	2.20	6"
TPXC 12500	100,000	125,000	250,000	216,300	176,750	3.00	8"
TPXC 15000	120,000	150,000	300,000	252,600	212,100	3.36	8"
TPXC 17500	140,000	175,000	350,000	302,900	247,450	4.00	10"
TPXC 20000	160,000	200,000	400,000	346,100	282,800	4.37	10"
TPXC 25000	200,000	250,000	500,000	432,700	353,500	5.50	11"
TPXC 27500	220,000	275,000	550,000	475,900	388,850	6.90	11"
TPXC 30000	240,000	300,000	600,000	519,200	424,200	7.50	13"

PLEASE NOTE: Capacities shown include both paths and are for one complete sling. Ratings based on straight pin diameter one-half the sling width.

DO NOT EXCEED RATED CAPACITY

DO NOT EXCEED RATED CAPACITY



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, sunlight and temperature over 180°F. DEATH or INJURY can occur from improper use or maintenance.



Twin-Path® Two Leg Bridles

TWIN-PATH® TWO LEG BRIDLES

US Patent #5,727,833 & #4,850,629

TL Simply the lightest and strongest synthetic bridles in the world today. These are perfect to replace existing chain and, wire rope bridles. The Twin-Path® synthetic bridle with K-Spec® core yarn is less than half the weight of any steel assembly and is the ergonomic bridle of the future, here today. The loop at the top goes on the crane hook and there is no heavy steel ring to deal with. If you need a four leg bridle, just order two Twin-Path® Two Leg bridles. Capacities to 200,000 lbs. Please specify the loop size at the top and the hardware such as hooks required on the bottom of each leg. Hooks can be removable if they are attached with G-Link™ connectors. This gives the Twin-Path® Two Leg Bridle added versatility on the job.



TWIN-PATH® TWO LEG BRIDLES

STOCK NUMBERS	VERTICAL	HORIZONTAL ANGLES		WT. PER FT. (POUNDS)	EYE WIDTH
		60°	45°		
TPXCTL 1,000	10,000	8,500	7,000	.34	3"
TPXCTL 1,500	15,000	12,750	10,500	.44	3"
TPXCTL 2,000	20,000	17,000	14,000	.61	3"
TPXCTL 3,000	30,000	25,500	21,000	.88	4"
TPXCTL 4,000	40,000	34,000	28,000	1.23	5"
TPXCTL 5,000	50,000	42,500	35,000	1.65	5"

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BOTTOM OF LEG HARDWARE	G-LINK / WEIGHT		SYNTHETIC SHACKLE / WEIGHT		SLING HOOK / WEIGHT	
TPXCTL 1,000	2"	2.0	2"	6.9	3T	3.9
TPXCTL 1,500	3"	3.5	2"	6.9	5T	7.3
TPXCTL 2,000	3"	3.5	2"	6.9	5T	7.3
TPXCTL 3,000	4"	7.0	3"	8.9	10T	17.0
TPXCTL 4,000	4"	7.0	3"	8.9	10T	17.0
TPXCTL 5,000	5"	15.0	3"	8.9	15T	33.0

⚠ 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, sunlight and temperature over 180°F. DEATH or INJURY can occur from improper use or maintenance.



Twin-Path® Eye and Eye Sling

TWIN-PATH® EYE & EYE SYNTHETIC SLING

US Patent #5,727,833 & #4,850,629

EE This product is made to be an eye and eye sling only. Usually an eye and eye sling is made from a round sling with a sleeve over it to form the eyes at each end. This sling is light, strong and less expensive than a round sling with a sleeve. It can be manufactured using either K-Spec® core yarn or polyester. Riggers have told us that they have some applications where they want an eye and eye sling only and this is the one with all of the Twin-Path® features in a strictly eye and eye product.



TWIN-PATH® EYE AND EYE SLING

STOCK NUMBERS	CHOKER	VERTICAL	BASKET 60°	VERTICAL BASKET	WT. LBS. PER FT.	WIDTH when flat
TPXCEE 1,000	8,000	10,000	17,320	20,000	.28	3"
TPXCEE 1,500	12,000	15,000	25,980	30,000	.36	3"
TPXCEE 2,000	16,000	20,000	34,600	40,000	.50	4"
TPXCEE 2,500	20,000	25,000	43,300	50,000	.60	5"
TPXCEE 3,000	24,000	30,000	52,000	60,000	.75	5"
TPXCEE 4,000	32,000	40,000	69,200	80,000	1.00	6"
TPXCEE 5,000	40,000	50,000	86,500	100,000	1.40	6"

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, sunlight and temperature over 180°F. DEATH or INJURY can occur from improper use or maintenance.

⚠ WARNING



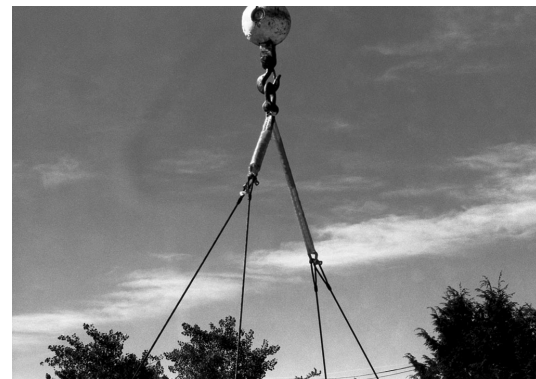
Twin-Path® Adjustable Bridle

TPXA (with K-Spec®), TPA (with polyester)

US Patent # 4,850,629 Canadian Patent # 1,280,458

The Twin-Path® Adjustable Bridle is the ultimate multiple use rigging tool. It can be used in applications where a standard two-leg or four leg bridle is used with the added advantage of self-adjustment to awkward loads. The Twin-Path® Adjustable Bridle self-adjusts over the center of gravity to find the lifting point. The Twin-Path® Adjustable Bridle can also be used as a complete rigging tool for choker, vertical, or basket hitches. The use of two or more Twin-Path® Adjustable Bridles facilitates lifts with multiple lifting points.

Can be used down to an horizontal angle of 45°. All Twin-Path® Adjustable Bridles are made with a CoverMax® cover.



TWIN-PATH® ADJUSTABLE BRIDLE SPECIFICATIONS

STOCK NO.	APPROXIMATE WIDTH WHEN FLAT	2-LEG BRIDLE SLING CAPACITY 90° TO 45° HORIZ. ANGLE LBS	ADJUSTABLE RING DIMENSIONS			SHACKLE DIMENSIONS	
			RING STOCK DIAMETER	MAIN HOOK AREA (WIDTH)	RING AREA (LENGTH)	NOMINAL SHACKLE SIZE	SHACKLE WLL TONS
TPA 6	4"	6,000	1/2"	2-1/2"	2-1/2"	5/8"	3.25
TPXA 12	5"	12,000	3/4"	3"	3"	7/8"	6.50
TPXA 20	5"	20,000	1"	4"	4"	1-1/4"	12.00
TPXA 40	6"	40,000	1-1/2"	5 1/4"	5-1/4"	1-3/4"	25.00
TPXA 60	6"	60,000	2"	7"	7"	2"	35.00
TPXA 90	6"	90,000	2-1/4"	8"	8"	2-1/4"	55.00

PLEASE NOTE: CAPACITIES SHOWN INCLUDE BOTH PATHS AND ARE FOR ONE COMPLETE ASSEMBLY.

METRIC CAPACITIES AVAILABLE

DO NOT EXCEED RATED CAPACITY

⚠ WARNING

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