TWIN-PATH® ADJUSTABLE BRIDLE SLING

US Patent #4,850,629 & #5,651,573

TPXA or **TPA** This tool is an aid to finding the center of gravity. When the load is lifted the ring moves over the COG to balance and level the object. We developed this tool in conjunction with riggers in the field for lifting objects with uneven geometric proportions or off center balance points. The Twin-Path® Sling may be permanently attached to the ring, or in the field using a G-Link™ for the connection. The G-Link™ or the permanent attachment keeps the slings in the same plane as the ring which is the ideal form of connection.

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˚ HORZ. 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

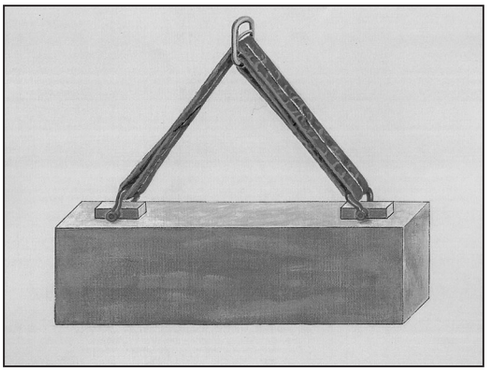
PLEASE NOTE: CAPACITIES SHOWN INCLUDE BOTH PATHS AND ARE FOR ONE COMPLETE ASSEMBLY.

METRIC CAPACITIES AVAILABLE **DO NOT EXCEED RATED CAPACITY**

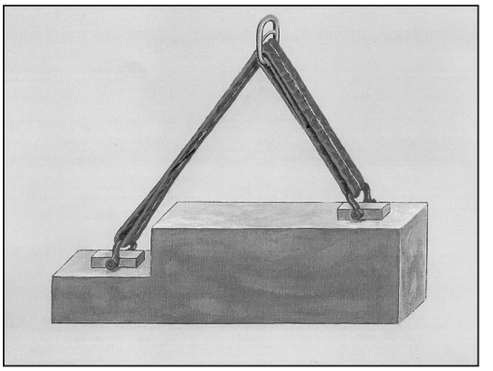
⚠ WARNING

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.

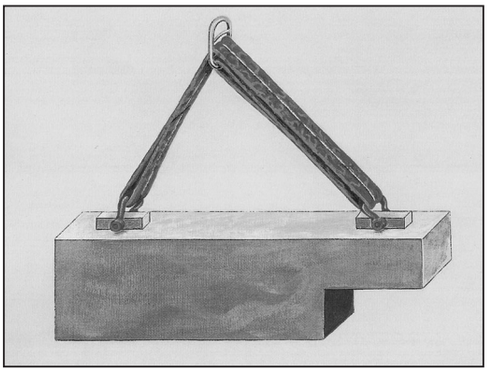
The Twin-Path® Adjustable Bridle Sling is a multi-purpose rigging tool and it's important that it is used properly. The adjustment ring has a double sling on one side and a single sling on the other side.



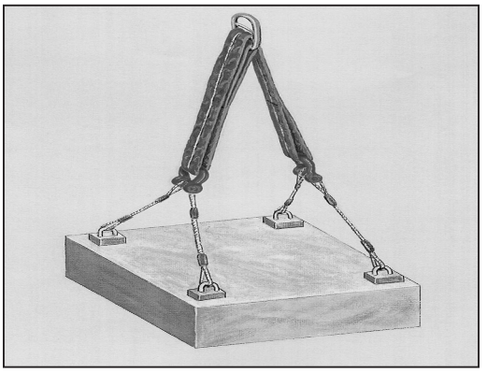
If the lifting points are an equal distance from the center of gravity then the Twin-Path® Adjustable can be hooked-up with the double or single sling on either lifting point.



If the lifting points are an equal distance on either side of the center of gravity but one is higher, then the double sling should be attached to the higher lifting point.



If one of the lifting points is closer to the center of gravity, then attach the double sling to this lifting point. It will have the highest weight concentration. If the Twin-Path® Adjustable is attached so that the single sling is nearest the center of gravity, it will not allow the lift to be made.

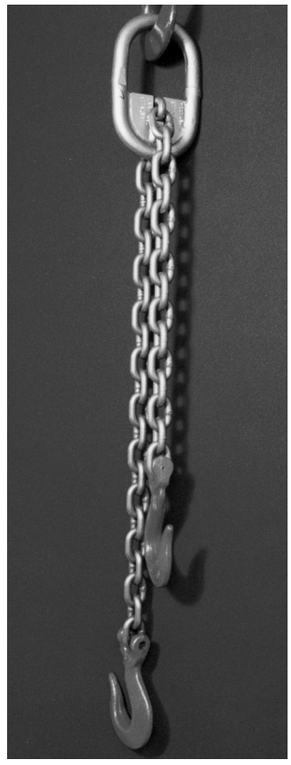


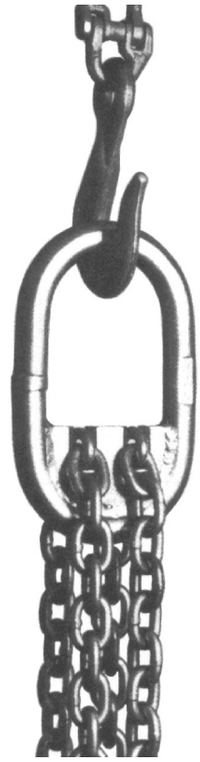
Never use the Twin-Path® Adjustable Bridle in situations where the sling-to-hook angle is greater than 45°. Always connect above the center of gravity. If connections are made below the center of gravity, then the load may turn when lifted.

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

ALLOWS ADJUSTMENT OF CHAIN REACH





US Patent #4,241,575
Canadian Patent #1,086,510 British Patent #2,029,370

SAME STRENGTH AS STANDARD CHAIN SLINGS, ONLY MORE ECONOMICAL

System	Chain Size Inches	Single Branch Sling 90 degree Loading	Double Sling 60 degree	Double Sling 45 degree	Double Sling 30 degree
10	9/32	4,300	7,500	6,100	4,300
10	3/8	8,800	15,200	12,400	8,800
10	1/2	15,000	26,000	21,200	15,000
10	5/8	22,600	39,000	32,000	22,000
10	3/4	35,300	61,100	49,900	35,300
10	7/8	42,700	74,000	60,400	42,700
8	1	47,700	82,600	67,400	47,700
8	1-1/4	72,300	125,200	102,200	72,300
8	1-1/2	80,000	138,600	113,100	80,000

Chain Size Inches	Triple and Quadruple Sling 60 degree	Triple and Quadruple Sling 45 degree	Triple and Quadruple Sling 30 degree
9/32	11,200	9,100	6,450
3/8	22,800	18,600	13,200
1/2	39,000	31,800	22,500
5/8	58,700	47,900	33,900
3/4	91,700	74,900	53,000
7/8	110,900	90,600	64,000
1	123,900	101,200	71,500
1-1/4	187,800	153,400	108,400
1-1/2	_____	_____	_____