

# Twin-Path® Adjustable Bridle

The **Twin-Path® Adjustable Bridle** (TPXA with K-Spec® core yarn or TPA with polyester core yarn) is a two-leg bridle made with a Twin-Path® roundsling and adjustable bridle ring. When tension is applied to the Twin-Path® Adjustable Bridle, it self-adjusts until the lifting point is over the center of gravity (COG). This allows the two legs to be adjusted for a level lift without the need for custom slings or hardware.



SPECIALTY SLINGS



TPA Part No.	Bridle Capacity (lbs.)	Sling Eye Nominal Width*	Adjustable Ring Dimensions			Shackle Requirements		Sling Weight (lbs.)	
			Ring Stock Diameter	Main Hook Area (Width)	Ring Area (Length)	Nominal Shackle size	WLL (tons)	Approx. 3 Foot Base	Approx. Adder per Foot
TPA6	6,000	2-1/2"	1-3/16"	3-1/8"	2-5/8"	5/8"	3-1/4	7.33	1.35
TPXA12	12,000	3"	1-1/8"	4-1/8"	4"	7/8"	6-1/2	12.2	1.20
TPXA20	20,000	3"	1-1/8"	4-1/8"	4"	1-1/4"	12	12.65	1.35
TPXA30	30,000	4"	1-5/8"	5-1/4"	5-1/2"	1-1/2"	17	28.19	1.53
TPXA40	40,000	4"	1-5/8"	5-1/4"	5-1/2"	1-3/4"	25	28.73	1.71
TPXA60	60,000	4"	2"	7"	7-1/2"	2"	35	50.93	2.31
TPXA90	90,000	5"	2-1/4"	8"	8-1/2"	2-1/4"	55	77.76	3.42

Note: Capacities shown are for entire bridle assembly with the double leg at a 45° horizontal angle.

\*Body width is 1" wider

Metric capacities are available

**WARNING** Slings can fail if damaged, misused or overloaded. Inspect before use. Damaged slings 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.

**The Twin-Path® Adjustable Bridle has a double leg for the heavy side of the load and a single leg on the lighter side.** See the Adjustable Bridle Product Manual for more information.

If the lifting points are an equal distance from the center of gravity, then the Twin-Path® Adjustable Bridle can be hooked up with the double or single leg 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 leg 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 leg to this lifting point. It will have the highest weight concentration. If the Twin-Path® Adjustable Bridle is attached so that the single leg is nearest the center of gravity, the lift cannot be made.



The Twin-Path® Adjustable Bridle should be used where the double leg horizontal 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 while lifted.



SPECIALTY SLINGS

**WARNING** Slings can fail if damaged, misused or overloaded. Inspect before use. Damaged slings 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.