

Continuous Threaded Lagstud

The Acrow-Richmond Lagstud is perhaps the most versatile of all the members of the AR Tyscru family. This versatile product can be used in combination with the complete line of Tyscru products. Continuous Threaded Lagstud is available in both mild steel and high tensile in 3 m (10') and 3.6 m (12') lengths respectively. Field cutting may be accomplished with bolt cutters or carborundum blades.

The Lagstud is particularly adaptable in combination with Tyscru to make adjustable Tys, embedded in concrete or rock as an adjustable anchorage for the Tyscru, or in combination with Handle Lagnuts as an emergency lagstud bolt.



**APPROXIMATE SAFE
WORKING LOAD
2:1 Safety Factor**

LAGSTUD TENSILE PROPERTIES

Diameter in (mm)	Mild Steel		High Tensile Steel			
	Ultimate Loads lbs (kN)	Safe Working Loads lbs (kN)	Ultimate lbs	Loads (kN)	Safe Working lbs	Loads (kN)
½ (13)	15,000 (70)	7,000 (33)	18,000 (80)		9,000 (40)	
¾ (20)			36,000 (160)		18,000 (80)	
1 (25)	50,000 (220)	25,000 (110)	75,000 (335)		37,500 (165)	
1¼ (32)	74,000 (330)	37,000 (165)	120,000 (530)		49,000*	(216)*
1½ (38)	Contact the AR Technical Department for details.					

*When using 32 mm (1¼") High Tensile Lagstud, use double nuts to obtain full capacity of Rod, 265 kN (60,000 lbs).

LAGSTUD FOR EMBEDDED ANCHORS

Diameter in (mm)	Approx. Safe Working Loads @ 2:1		Embedment "H"	
	lbs	(kN)	1,000 psi (6.9 MPa) in (mm)	2,000 psi (13.8 MPa) in (mm)
½ (13)	4,500	(20)	16 (408)	12 (304)
½ (13)	6,750	(30)	20 (508)	15 (378)
¾ (20)	9,000	(40)	24 (609)	18 (458)
1 (25)	13,500	(60)	32 (816)	24 (609)
1 (25)	18,000	(80)	40 (1,020)	30 (760)
1¼ (32)	27,000	(120)	40 (1,020)	30 (760)

To order, please specify
the following information

EXAMPLE

Name Continuous Threaded Lagstud
Type 9M
Diameter 13 mm (½")
Length 3.6 m (12')
Grade of Steel High Tensile
Quantity 50

Refer to the Appendix for General Guidelines on page 96, Lateral Pressure information on page 102 and typical Medium and Heavy Formwork beginning on page 108. See page 51 for approximate safe working load System Chart.