

Ty-Anchor (2-Strut and 4-Strut)

The AR Ty-Anchor is probably the most common re-anchorage device used. It has been the workhorse of the industry and well proven through the years. It is well suited to use even in the very low strength concretes. See the appendix for estimated working and ultimate load ratings in various concrete strengths.

**APPROXIMATE SAFE
WORKING LOAD**
see table on page 51
2:1 Safety Factor

To order, please specify the following information

EXAMPLE

Name Ty-Anchor
Type 2-Strut
Diameter 25 mm (1")
Length 300 mm (12")
Quantity 200



2-Strut

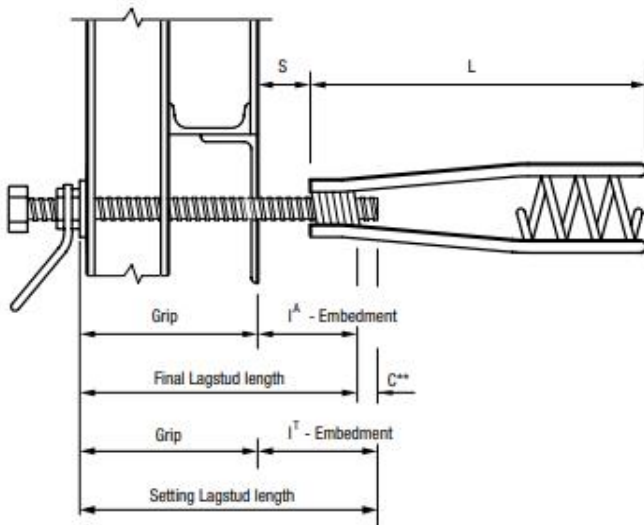


4-Strut

Diameter	Strut	Length "L"	Set back "S"	I ^T	I ^A	C*
25 mm (1")	2	300 mm (12")		185 mm (7¼")	165 mm (6½")	20 mm (¾")
32 mm (1¼")	2 or 4	380 mm (15")		195 mm (7¾")	175 mm (7")	20 mm (¾")
32 mm (1¼")	2 or 4	450 mm (17½")	100 mm (4")	195 mm (7¾")	175 mm (7")	20 mm (¾")
32 mm (1¼")	2 or 4	500 mm (20")		195 mm (7¾")	175 mm (7")	20 mm (¾")
38 mm (1½")	2 or 6	600 mm (24")		215 mm (8½")	190 mm (7½")	25 mm (1")

*Set back can be increased for greater strength.

**Clearance between setting bolt and final bolt.



APPROXIMATE ULTIMATE CAPACITIES

Diameter mm (in)	Strut	Type	kN	(lbs)
25 mm (1")	2- Strut	15 M	67 kN	(15,000 lds)
32 mm (1¼")	2- Strut	15 M	67 kN	(15,000 lds)
32 mm (1¼")	2- Strut	40 M	178 kN	(40,000 lds)
32 mm (1¼")	4- Strut	60 M	265 kN	(60,000 lds)
38 mm (1½")	4- Strut	60 M	265 kN	(60,000 lds)
38 mm (1½")	6- Strut	90 M	400 kN	(90,000 lds)