

Tyback Tyloop

The AR Tyback Tyloop is fabricated with two looped wires welded to a helix coil. The Tyback Tyloop is specially designed to tie into existing reinforcing bars to form bulkheads and for dam construction. Available as a 20 mm x 215 mm (¾" x 8½") standard size, the AR Tyback Tyloop can be custom fabricated to meet job site conditions.



To order, please specify the following information

EXAMPLE

Name Tyback Tyloop
 Diameter 20 mm (¾")
 Quantity 200

APPROXIMATE SAFE WORKING LOAD
80 kN (18,000 lbs)
2:1 Safety Factor

Coil Length

Standard Tyloop

Diameter	Ultimate Strength	Coil Length Including Penetration
13 mm (½")	44.5 kN (10,000 lbs)	40 mm (1½")
13 mm (½")	80.0 kN (18,000 lbs)	50 mm (2")
20 mm (¾")	80.0 kN (18,000 lbs)	50 mm (2")
20 mm (¾")	106.0 kN (24,000 lbs)	60 mm (2½")

Flared Single and Double Flared Tyloop

Diameter	Ultimate Strength	Coil Length Including Penetration
13 mm (½")	80 kN (18,000 lbs)	55 mm (2½")
20 mm (¾")	106 kN (24,000 lbs)	50 mm (2")
25 mm (1")	133 kN (30,000 lbs)	60 mm (2½")
25 mm (1")	213 kN (48,000 lbs)	75 mm (3")
32 mm (1¼")	267 kN (60,000 lbs)	75 mm (3")

Double Looped Flared Tyloop

Diameter	Ultimate Strength	Coil Length Including Penetration
25 mm (1")	267 kN (60,000 lbs)	75 mm (3")
32 mm (1¼")	267 kN (60,000 lbs)	75 mm (3")

Tybow Anchor

Diameter	Ultimate Strength	Coil Length Including Penetration
32 mm (1¼")	80 kN (18,000 lbs)	75 mm (3")
38 mm (1½")	160 kN (36,000 lbs)	75 mm (3")

