

# Bent Single End Welding Tyscru

The AR Bent Single End Welding Tyscru is made with 2 struts welded to a coil at one end. The other end of the 2 struts is bent at 90° in opposite directions away from the coil. This allows for field welding onto sheet piling and H-Pile construction. Available in 13 mm, 20 mm and 25 mm (½", ¾" and 1") diameters and may be fabricated to the required lengths.

To order, please specify the following information

EXAMPLE  
Name ..... Bent Single End Welding Tyscru  
Nominal Diameter ..... 13 mm (½")  
Length (L) ..... 100 mm (4")  
Leg depth ..... 25 mm (1")  
Quantity ..... 200  
SWL is based on an approximate 2:1 Factor of Safety

APPROXIMATE SAFE WORKING LOAD  
2:1 Safety Factor

## APPROXIMATE SAFE WORKING LOADS

Diameter mm (in)	L mm (in)	B mm (in)	Shear Safe Working Load
13 mm (½")	100 mm (4")	25 mm (1")	22 kN (5,000 lbs)
20 mm (¾")	150 mm (6")	38 mm (1½")	22 kN (5,000 lbs)
25 mm (1")	250 mm (8")	50 mm (2")	44 kN (10,000 lbs)

NOTE- Weld both sides of both struts. Field test should be conducted to establish actual approximate safe working load. Failure will occur in shear.

