

Tyscru

2-Strut Nominal Diameter			Safe Load		PLASTIC TYCONE SET BACK	
mm	(in)	Tyscru Type	kN	(lbs)		
13 mm	(½")	4.5M	20 kN	(4,500 lbs)	25 mm or 38 mm or 50 mm	(1" or 1½" or 2")
13 mm	(½")	6.75M	30 kN	(6,750 lbs)	25 mm or 38 mm or 50 mm	(1" or 1½" or 2")
13 mm	(½")	9.0M	40 kN	(9,000 lbs)	25 mm or 38 mm or 50 mm	(1" or 1½" or 2")
20 mm	(¾")	9M	40 kN	(9,000 lbs)	25 mm or 50 mm	(1" or 2")
25 mm	(1")	13.5M	60 kN	(13,500 lbs)	25 mm or 50 mm	(1" or 2")

SWL is based on an approximate 2:1 Factor of Safety

4-Strut Nominal Diameter			Safe Load		PLASTIC TYCONE SET BACK	
mm	(in)	Tyscru Type	kN	(lbs)		
*13 mm	(½")	9M	40 kN	(9,000 lbs)	25 mm or 38 mm or 50 mm	(1" or 1½" or 2")
20 mm	(¾")	18M	80 kN	(18,000 lbs)	25 mm or 50 mm	(1" or 2")
25 mm	(1")	18M	80 kN	(18,000 lbs)	25 mm or 50 mm	(1" or 2")
25 mm	(1")	27M	120 kN	(27,000 lbs)	25 mm or 50 mm	(1" or 2")
25 mm	(1")	37M	165 kN	(37,000 lbs)	25 mm or 50 mm	(1" or 2")
32 mm	(1 1/4")	27M	120 kN	(27,000 lbs)	25 mm or 50 mm	(1" or 2")
32 mm	(1 1/4")	37M	165 kN	(37,000 lbs)	25 mm or 50 mm	(1" or 2")

4-Strut - Refer to page XX for details about the 6-Strut Tyscru

*Available as a special order.

SWL is based on an approximate 2:1 Factor of Safety

Minimum Sizes of Tyscru

Description Tyscru Diameter		Standard		Cone-Tight		Standard Waterseal		Cone-Tight Waterseal	
13 mm	(½")	T2-4.5M	100 mm (4")	100 mm (4")		150 mm (6")		150 mm (6")	
13 mm	(½")	T2-6.7M	100 mm (4")	100 mm (4")		150 mm (6")		150 mm (6")	
20 mm	(¾")	T2-7.6M	100 mm (4")	150 mm (6")		150 mm (6")		200 mm (8")	
20 mm	(¾")	T2-9M	100 mm (4")	150 mm (6")		150 mm (6")		200 mm (8")	
25 mm	(1")	T2-13.5M	150 mm (6")	150 mm (6")		200 mm (8")		200 mm (8")	
25 mm	(1")	T4-18M	150 mm (6")	150 mm (6")		200 mm (8")		200 mm (8")	
20 mm	(¾")	T4-18M	150 mm (6")	150 mm (6")		200 mm (8")		200 mm (8")	
25 mm	(1")	T4-27M	150 mm (6")	150 mm (6")		250 mm (10")		300 mm (12")	
25 mm	(1")	T4-37M	200 mm (8")	150 mm (6")		250 mm (10")		300 mm (12")	
32 mm	(1¼")	T4-27M	150 mm (6")	150 mm (6")		250 mm (10")		300 mm (12")	
32 mm	(1¼")	T4-37M	200 mm (8")	200 mm (8")		250 mm (10")		300 mm (12")	

The minimum Lagatud Bolt length required is equal to the sum of the flat washer, water studs, form ply, set back and the coil length plus 13 mm (½").