

Compression Couplings for tube connections are based around a universal standard : **DIN 2353**

This standard allows you to base your selection on essential common criteria. All manufacturers use the basic sizes as outlined here. *The higher performance capability is offered by some manufacturers by the use of an enhanced performance compression ring (olive).*

Reading across any line below will show exactly what size and thread can be expected in the standard offering

For example

A 15L Male Stud Coupling for 15mm OD Tube will have either a 1/2" BSP or M18 X 1.5 Connecting Male Thread, has a M22 X 1.5 Coupling for the body to tube connection and can be used for up 250 bar WP or 400 bar WP with enhanced performance rings.

Coupling Tube Size	DIN Standard Working Pressure (Bar)	Higher Performance* Working Pressure (Bar)	Metric Coupling Nut Size	Male Stud Coupling Size	
				Metric	BSP
Extra Light Series					
4LL	100	N/A	M8 X 1	M8 X 1	1/8"
6LL	100	N/A	M10 X 1	M10 X 1	1/8"
8LL	100	N/A	M12 X 1	M10 X 1	1/8"
Light Series					
6L	250	500	M12 X 1.5	M10 X 1	1/8"
8L	250	500	M14 X 1.5	M12 X 1.5	1/4"
10L	250	500	M16 X 1.5	M14 X 1.5	1/4"
12L	250	400	M18 X 1.5	M16 X 1.5	3/8"
15L	250	400	M22 X 1.5	M18 X 1.5	1/2"
18L	160	400	M26 X 1.5	M22 X 1.5	1/2"
22L	160	250	M30 X 2	M26 X 1.5	3/4"
28L	100	250	M36 X 2	M33 X 2	1"
35L	100	250	M45 X 2	M42 X 2	1.1/4"
42L	100	250	M52 X 2	M48 X 2	1.1/2"
Heavy Series					
6S	630	800	M14 X 1.5	M12 X 1.5	1/4"
8S	630	800	M16 X 1.5	M14 X 1.5	1/4"
10S	630	800	M18 X 1.5	M16 X 1.5	3/8"
12S	630	630	M20 X 1.5	M18 X 1.5	3/8"
14S	630	630	M22 X 1.5	M22 X 1.5	1/2"
16S	400	630	M24 X 1.5	M24 X 1.5	1/2"
20S	400	400	M30 X 2	M27 X 2	3/4"
25S	400	400	M36 X 2	M33 X 2	1"
30S	250	400	M42 X 2	M42 X 2	1.1/4"
38S	250	400	M52 X 2	M48 X 2	1.1/2"

*Higher Performance figures relate to couplings that utilise advanced cutting ring technology, such as the Stauff Anglia supplied 2S Plus Cutting Ring