

SECTION

1



TUV SIRT MODULAR AIR BRAKE FITINGS

SCOPE OF USE

The **SIRIT** brass instantaneous push-in fitting has been designed to be used with (Rilsan) 11/12 polyamide or (Hytrell) elastomeric polyester tubings on the pneumatic circuits of auxiliary and braking systems on trucks and trailers.

It is a ready-to-use safety fitting that does not require additional tools or equipment for coupling with the tubing's.

The only operation required is the manual insertion of the tubing in the seat of the fitting.

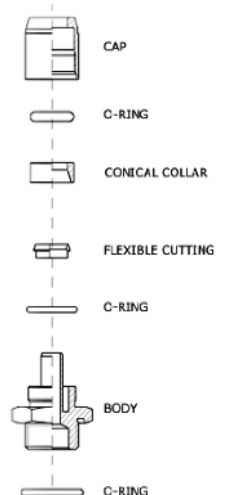
This makes for a much shorter assembly time than with traditional cutting ring-type couplings.

Assembly time are estimated to be 70%÷80% shorter.

The tolerance of the used tubing must comply strictly with those set forth in **ISO standard 7628** and **DIN standard 74324/73378**.

The operating heat range for the SIRIT instantaneous fitting is : **+100°C / -40°C**.

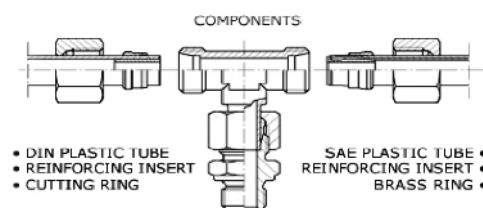
The seal in these conditions is ensured by means of a specific design mix selected for the SIRIT O-Ring.



The **SIRIT** fittings for braking systems comply with **DIN 2353** regulation. The types of fittings shown in this catalogue are based on the requests made by the main European braking systems installers.

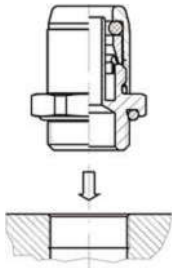
The range which is particularly extensive, is able to satisfy the requirements of truck, trailers and semi-trailers builders as well as those of transformers and spare parts dealers. The working pressures are within the average - low pressure values and correspond to those stated for the light series (L) of **DIN 2353**.

The SIRIT fittings for braking systems can also be used on oil-pressure circuits as long as the pressure **does not exceed 250 atm**.





ASSEMBLY INSTRUCTIONS



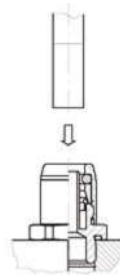
The seal of the stud coupling is specified by what is laid down in ISO standard 6149-80 and DIN standard 3482. To obtain the correct assembly on all terminal fittings it is essential to adhere to the tightening torques shown in the following table:

Thread	Tightening Torque (Nm) ± 10
M10 x 1	22
M12 x 1.5	24
M14 x 1.5	30
M16 x 1.5	35
M18 x 1.5	36
M22 x 1.5	40
M26 x 1.5	45



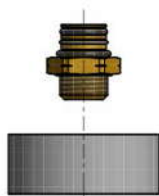
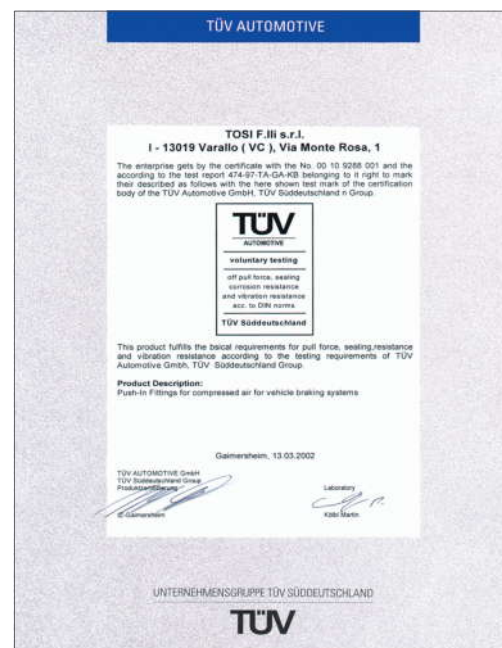
The tubing must be cut at the right angles with a maximum tolerance of 15°. Correct assembly is performed only when the tubing is inserted touches the end of the tube seat. To be absolutely certain that this is the case it is advisable to mark the depth of the tubing coupling (distance H).

Ø Pipe (mm)	Fitting Force (H)
M10 x 1	22
M12 x 1.5	24
M14 x 1.5	30
M16 x 1.5	35
M18 x 1.5	36
M22 x 1.5	40
M26 x 1.5	45

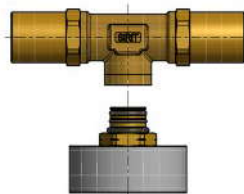


The tubing/fitting coupling does not require tools. To make the operation easier it is sufficient to slightly turn the tubing. The force required for the fitting is shown in the following table.

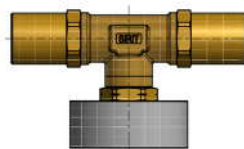
TUV CERTIFICATE



Screw the swivel Coupling into the thread ensuring the correct torque (Over-tightening can cause damage to both the fitting



The fit the component by means of push and twist.



IMPORTANT:
Check the component is coupled correctly and securely.
Pull the component to ensure in this case.

800 SERIES MALE STUD COUPLINGS



Part Ref	Thread Size	Tube Size (mm)
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800202	1/8"	6 x 1
800204	1/4"	6 x 1
800210	M10 x 1	6 x 1
800212	M12 x 1.5	6 x 1
800212/1	M12 x 1	6 x 1
800214	M14 x 1.5	6 x 1
800216	M16 x 1.5	6 x 1
800222	M22 x 1.5	6 x 1

800302	1/8"	8 x 1
800304	1/4"	8 x 1
800310	M10 x 1	8 x 1
800312	M12 x 1.5	8 x 1
800314	M14 x 1.5	8 x 1
800316	M16 x 1.5	8 x 1
800322	M22 x 1.5	8 x 1

800404	1/4"	10 x 1.25
800410	M10 x 1	10 x 1.25
800412	M12 x 1.5	10 x 1.25
800412/5	M12 x 1.5	10 x 1.5
800414	M14 x 1.5	10 x 1.25
800416	M16 x 1.5	10 x 1.25
800416/5	M16 x 1.5	10 x 1.5
800422	M22 x 1.5	10 x 1.25
800422/5	M22 x 1.5	10 x 1.5

Part Ref	Thread Size	Tube Size (mm)
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800504	1/4"	12 x 1.5
800512	M12 x 1.5	12 x 1.5
800514	M14 x 1.5	12 x 1.5
800516	M16 x 1.5	12 x 1.5
800522	M22 x 1.5	12 x 1.5

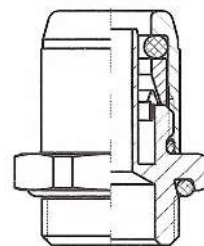
800616	M16 x 1.5	15 x 1.5
800622	M22 x 1.5	15 x 1.5

800716	M16 x 1.5	16 x 2
800722	M22 x 1.5	16 x 2

800816	M16 x 1.5	18 x 2
800822	M22 x 1.5	18 x 2
800826	M26 x 1.5	18 x 2

800912	M12 x 1.5	9 x 1.5
800916	M16 x 1.5	9 x 1.5
800922	M22 x 1.5	9 x 1.5

8001112	M12 x 1.5	11 x 1.5
8001116	M16 x 1.5	11 x 1.5
8001122	M22 x 1.5	11 x 1.5



810 SERIES STUD ELBOWS



820 SERIES STUD RUN TEES



Part Ref	Thread Size	Tube Size (mm)
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810210	M10 x 1	6 x 1
810212	M12 x 1.5	6 x 1
810214	M14 x 1.5	6 x 1
810216	M16 x 1.5	6 x 1
810222	M22 x 1.5	6 x 1

810310	M10 x 1	8 x 1
810312	M12 x 1.5	8 x 1
810314	M14 x 1.5	8 x 1
810316	M16 x 1.5	8 x 1
810322	M22 x 1.5	8 x 1

810410	M10 x 1	10 x 1.25
810412	M12 x 1.5	10 x 1.25
810414	M14 x 1.5	10 x 1.25
810416	M16 x 1.5	10 x 1.25
810422	M22 x 1.5	10 x 1.25

810512	M12 x 1.5	12 x 1.5
810514	M14 x 1.5	12 x 1.5
810516	M16 x 1.5	12 x 1.5
810522	M22 x 1.5	12 x 1.5

810616	M16 x 1.5	15 x 1.5
810622	M22 x 1.5	15 x 1.5

810716	M16 x 1.5	16 x 2
810722	M22 x 1.5	16 x 2

810816	M16 x 1.5	18 x 2
810822	M22 x 1.5	18 x 2

Part Ref	Thread Size	Tube Size (mm)
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820210	M10 x 1	6 x 1
820212	M12 x 1.5	6 x 1
820216	M16 x 1.5	6 x 1
820222	M22 x 1.5	6 x 1

820310	M10 x 1	8 x 1
820312	M12 x 1.5	8 x 1
820316	M16 x 1.5	8 x 1
820322	M22 x 1.5	8 x 1

820410	M10 x 1	10 x 1.25
820412	M12 x 1.5	10 x 1.25
820416	M16 x 1.5	10 x 1.25
820422	M22 x 1.5	10 x 1.25

820512	M12 x 1.5	12 x 1.5
820516	M16 x 1.5	12 x 1.5
820522	M22 x 1.5	12 x 1.5

820616	M16 x 1.5	15 x 1.5
820622	M22 x 1.5	15 x 1.5

820716	M16 x 1.5	16 x 2
820722	M22 x 1.5	16 x 2

820816	M16 x 1.5	18 x 2
820822	M22 x 1.5	18 x 2

ELBOW AND TEES ALSO AVAILABLE TO 9 mm & 11 mm tube

830 SERIES STUD TEES



Part Ref	Thread Size	Tube Size (mm)
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830210	M10 x 1	6 x 1
830212	M12 x 1.5	6 x 1
830216	M16 x 1.5	6 x 1
830222	M22 x 1.5	6 x 1

830310	M10 x 1	8 x 1
830312	M12 x 1.5	8 x 1
830316	M16 x 1.5	8 x 1
830322	M22 x 1.5	8 x 1

Part Ref	Thread Size	Tube Size (mm)
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830410	M10 x 1	10 x 1.25
830412	M12 x 1.5	10 x 1.25
830416	M16 x 1.5	10 x 1.25
830422	M22 x 1.5	10 x 1.25

830512	M12 x 1.5	12 x 1.5
830516	M16 x 1.5	12 x 1.5
830522	M22 x 1.5	12 x 1.5

830616	M16 x 1.5	15 x 1.5
830622	M22 x 1.5	15 x 1.5

830716	M16 x 1.5	16 x 2
830722	M22 x 1.5	16 x 2

830816	M16 x 1.5	18 x 2
830822	M22 x 1.5	18 x 2

840 SERIES 45° STUD ELBOW



Part Ref	Thread Size	Tube Size (mm)
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840216	M16 x 1.5	6 x 1
840222	M22 x 1.5	6 x 1
840316	M16 x 1.5	8 x 1
840322	M22 x 1.5	8 x 1
840416	M16 x 1.5	10 x 1.25
840422	M22 x 1.5	10 x 1.25
840516	M16 x 1.5	12 x 1.5
840522	M22 x 1.5	12 x 1.5
840616	M16 x 1.5	15 x 1.5
840622	M22 x 1.5	15 x 1.5
840716	M16 x 1.5	16 x 2
840722	M22 x 1.5	16 x 2
840816	M16 x 1.5	18 x 2
840822	M22 x 1.5	18 x 2

841 SERIES FIXED STUD CROSS



Part Ref	Thread Size	Tube Size (mm)
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841216	M16 x 1.5	6 x 1
841222	M22 x 1.5	6 x 1
841316	M16 x 1.5	8 x 1
841322	M22 x 1.5	8 x 1
841416	M16 x 1.5	10 x 1.25
841422	M22 x 1.5	10 x 1.25
841516	M16 x 1.5	12 x 1.5
841522	M22 x 1.5	12 x 1.5
841616	M16 x 1.5	15 x 1.5
841622	M22 x 1.5	15 x 1.5
841716	M16 x 1.5	16 x 2
841722	M22 x 1.5	16 x 2
841816	M16 x 1.5	18 x 2
841822	M22 x 1.5	18 x 2

842 SERIES FIXED 'Y' STUD ELBOW



Part Ref	Thread Size	Tube Size (mm)
842216	M16 x 1.5	6 x 1
842222	M22 x 1.5	6 x 1
842316	M16 x 1.5	8 x 1
842322	M22 x 1.5	8 x 1

Part Ref	Thread Size	Tube Size (mm)
842416	M16 x 1.5	10 x 1.25
842422	M22 x 1.5	10 x 1.25
842516	M16 x 1.5	12 x 1.5
842522	M22 x 1.5	12 x 1.5
842616	M16 x 1.5	15 x 1.5
842622	M22 x 1.5	15 x 1.5
842716	M16 x 1.5	16 x 2
842722	M22 x 1.5	16 x 2
842816	M16 x 1.5	18 x 2
842822	M22 x 1.5	18 x 2

823 SERIES STUD RUN TEST POINT TEES



Part Ref	Thread Size	Tube Size (mm)
823212	M12 x 1.5	6 x 1
823216	M16 x 1.5	6 x 1
823222	M22 x 1.5	6 x 1
823312	M12 x 1.5	8 x 1
823316	M16 x 1.5	8 x 1
823322	M22 x 1.5	8 x 1

Part Ref	Thread Size	Tube Size (mm)
823412	M12 x 1.5	10 x 1.25
823416	M16 x 1.5	10 x 1.25
823422	M22 x 1.5	10 x 1.25
823512	M12 x 1.5	12 x 1.5
823516	M16 x 1.5	12 x 1.5
823522	M22 x 1.5	12 x 1.5
823616	M16 x 1.5	15 x 1.5
823622	M22 x 1.5	15 x 1.5
823716	M16 x 1.5	16 x 2
823722	M22 x 1.5	16 x 2
823816	M16 x 1.5	18 x 2
823822	M22 x 1.5	18 x 2

831 SERIES STUD TEST POINT TEES

Part Ref	Thread Size	Tube Size (mm)
831212	M12 x 1.5	6 x 1
831216	M16 x 1.5	6 x 1
831222	M22 x 1.5	6 x 1
831312	M12 x 1.5	8 x 1
831316	M16 x 1.5	8 x 1
831322	M22 x 1.5	8 x 1
831412	M12 x 1.5	10 x 1.25
831416	M16 x 1.5	10 x 1.25
831422	M22 x 1.5	10 x 1.25



Part Ref	Thread Size	Tube Size (mm)
831512	M12 x 1.5	12 x 1.5
831516	M16 x 1.5	12 x 1.5
831522	M22 x 1.5	12 x 1.5
831616	M16 x 1.5	15 x 1.5
831622	M22 x 1.5	15 x 1.5
831716	M16 x 1.5	16 x 2
831722	M22 x 1.5	16 x 2
831816	M16 x 1.5	18 x 2
831822	M22 x 1.5	18 x 2

843 SERIES FIXED "F" ELBOWS



Part Ref	Thread Size	Tube Size (mm)
843212	M12 x 1.5	6 x 1
843216	M16 x 1.5	6 x 1
843222	M22 x 1.5	6 x 1
843312	M12 x 1.5	8 x 1
843316	M16 x 1.5	8 x 1
843322	M22 x 1.5	8 x 1
843412	M12 x 1.5	10 x 1.25
843416	M16 x 1.5	10 x 1.25
843422	M22 x 1.5	10 x 1.25
843512	M12 x 1.5	12 x 1.5
843516	M16 x 1.5	12 x 1.5
843522	M22 x 1.5	12 x 1.5
843616	M16 x 1.5	15 x 1.5
843622	M22 x 1.5	15 x 1.5
843716	M16 x 1.5	16 x 2
843722	M22 x 1.5	16 x 2
843816	M16 x 1.5	18 x 2
843822	M22 x 1.5	18 x 2

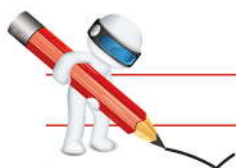
For the male / female bodies please see page 20

821 SERIES STUD RUN TEST POINT TEES



Part Ref	Thread Size	Tube Size (mm)
821212	M12 x 1.5	6 x 1
821216	M16 x 1.5	6 x 1
821222	M22 x 1.5	6 x 1
821312	M12 x 1.5	8 x 1
821316	M16 x 1.5	8 x 1
821322	M22 x 1.5	8 x 1
821412	M12 x 1.5	10 x 1.25
821416	M16 x 1.5	10 x 1.25
821422	M22 x 1.5	10 x 1.25
821512	M12 x 1.5	12 x 1.5
821516	M16 x 1.5	12 x 1.5
821522	M22 x 1.5	12 x 1.5
821616	M16 x 1.5	15 x 1.5
821622	M22 x 1.5	15 x 1.5
821716	M16 x 1.5	16 x 2
821722	M22 x 1.5	16 x 2
821816	M16 x 1.5	18 x 2
821822	M22 x 1.5	18 x 2

For the male / female bodies please see page 19



803 SERIES STUD BULKHEADS



Part Ref	Thread Size	Tube Size (mm)	Body (mm)	Thread F Size (mm)
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803212	M12 x 1.5	6 x 1	18 x 1.5	12 x 1.5
803216	M16 x 1.5	6 x 1	18 x 1.5	12 x 1.5
803222	M22 x 1.5	6 x 1	18 x 1.5	12 x 1.5

803312	M12 x 1.5	8 x 1	18 x 1.5	12 x 1.5
803316	M16 x 1.5	8 x 1	18 x 1.5	12 x 1.5
803322	M22 x 1.5	8 x 1	18 x 1.5	12 x 1.5

803412	M12 x 1.5	10 x 1.25	18 x 1.5	12 x 1.5
803416	M16 x 1.5	10 x 1.25	18 x 1.5	12 x 1.5
803422	M22 x 1.5	10 x 1.25	18 x 1.5	12 x 1.5

803512	M12 x 1.5	12 x 1.5	18 x 1.5	12 x 1.5
803516	M16 x 1.5	12 x 1.5	18 x 1.5	12 x 1.5
803522	M22 x 1.5	12 x 1.5	18 x 1.5	12 x 1.5

803616	M16 x 1.5	15 x 1.5	22 x 1.5	16 x 1.5
803622	M22 x 1.5	15 x 1.5	22 x 1.5	16 x 1.5

803716	M16 x 1.5	16 x 2	22 x 1.5	16 x 1.5
803722	M22 x 1.5	16 x 2	22 x 1.5	16 x 1.5

803816	M16 x 1.5	18 x 2	22 x 1.5	16 x 1.5
803822	M22 x 1.5	18 x 2	22 x 1.5	16 x 1.5

808 SERIES FEMALE STUDS



Part Ref	Thread Size (F)	Tube Size (mm)
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808212	F12 x 1.5	6 x 1
808216	F16 x 1.5	6 x 1
808222	F22 x 1.5	6 x 1

808312	F12 x 1.5	8 x 1
808316	F16 x 1.5	8 x 1
808322	F22 x 1.5	8 x 1

808412	F12 x 1.5	10 x 1.25
808416	F16 x 1.5	10 x 1.25
808422	F22 x 1.5	10 x 1.25

808512	F12 x 1.5	12 x 1.5
808516	F16 x 1.5	12 x 1.5
808522	F22 x 1.5	12 x 1.5

808616	F16 x 1.5	15 x 1.5
808622	F22 x 1.5	15 x 1.5

808716	F16 x 1.5	16 x 2
808722	F22 x 1.5	16 x 2

808816	F16 x 1.5	18 x 2
808822	F22 x 1.5	18 x 2

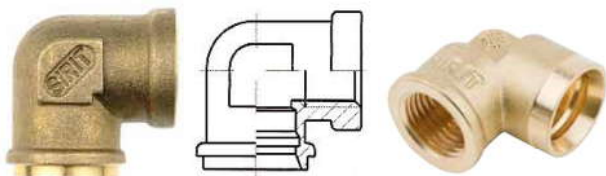
PLEASE NOTE

For the male / female Bulk Heads please see page 28

* Female Studs are 2 piece*

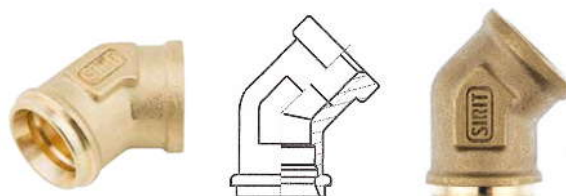
6 SERIES SWIVEL SUB COMPONENTS

615 SERIES (SWIVEL ELBOWS)



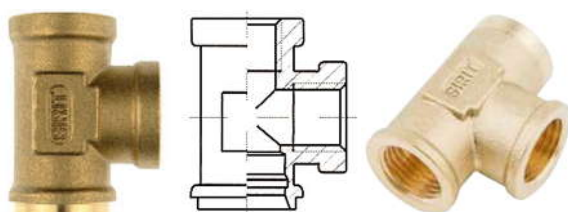
Part Ref	Thread Size (mm)	Tipo Size
615300	12 x 1.5	A
615500	16 x 1.5	B

645 SERIES (SWIVEL 45° ELBOWS)



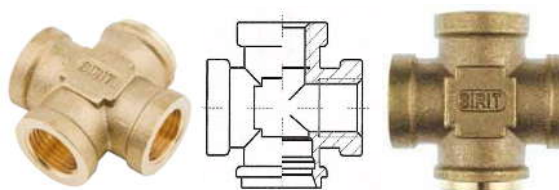
Part Ref	Thread Size (mm)	Tipo Size
645500	16 x 1.5	B

625 SERIES (STUD RUN TEE)



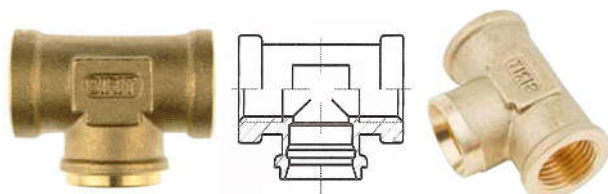
Part Ref	Thread Size (mm)	Tipo Size
625300	12 x 1.5	A
625500	16 x 1.5	B

646 SERIES (SWIVEL CROSS)



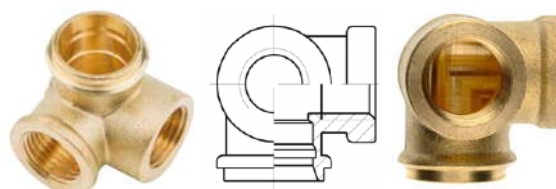
Part Ref	Thread Size (mm)	Tipo Size
646500	16 x 1.5	B

635 SERIES (STUD TEES)



Part Ref	Thread Size (mm)	Tipo Size
635300	12 X 1.5	A
635500	16 x 1.5	B

647 SERIES (Y CORNER TEE)



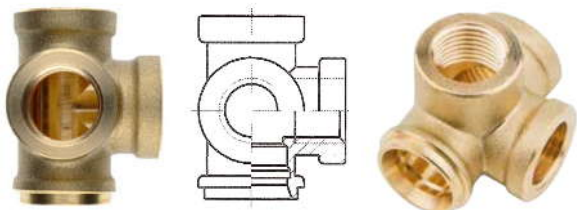
Part Ref	Thread Size (mm)	Tipo Size
647500	16 x 1.5	B

Swivel studs and the sub components must be paired
A+A / B+B

**PLEASE
NOTE:**

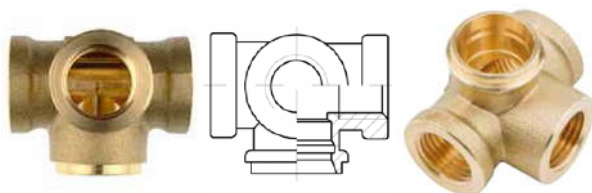
6 SERIES SWIVEL SUB COMPONENTS

648 SERIES (Y CORNER CROSS)



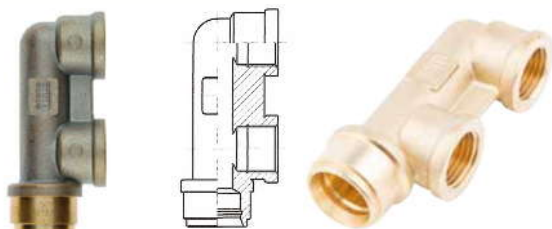
Part Ref	Thread Size (mm)	Tipo Size
648500	16 x 1.5	B

649 SERIES (CORNER CROSS)



Part Ref	Thread Size (mm)	Tipo Size
649500	16 x 1.5	B

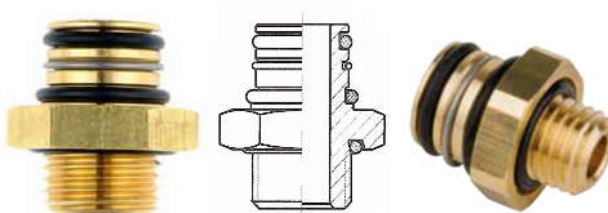
651 SERIES (SWIVEL F FITTING)



Part Ref	Thread Size (mm)	Tipo Size
651500	16 x 1.5	B

TIPO

660 SERIES (SWIVEL STUDS)



Part Ref	Thread Size	Tipo Size
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660302	1/8"	A
660304	1/4"	A
660310	M10 x 1	A
660312	M12 x 1.5	A
6603125	M12 x 1.25	A
660314	M14 x 1.5	A
660316	M16 x 1.5	A
660322	M22 x 1.5	A

660502	1/8"	B
660504	1/4"	B
660512	M12 x 1.5	B
660514	M14 x 1.5	B
660516	M16 x 1.5	B
660522	M22 x 1.5	B
660526	M26 x 1.5	B



Swivel studs and the sub components must be paired

A+A / B+B

815 SERIES SWIVEL ELBOWS



PARTS WITHOUT THE SUB TIPO

Part Ref	Tipo	Tube (mm)
815200	B	6 x 1
815300	B	8 x 1
815400	B	10 x 1.25
815500	B	12 x 1.5
815600	B	15 x 1.5
815700	B	16 x 2
815800	B	18 x 2

PART COMPLETE WITH THE SUB TIPO

Part Ref	Thread Size	Tube (mm)
815210	M10 x 1	6 x 1
815212	M12 x 1.5	6 x 1
815214	M14 x 1.5	6 x 1
815216	M16 x 1.5	6 x 1
815222	M22 x 1.5	6 x 1
815310	M10 x 1	8 x 1
815312	M12 x 1.5	8 x 1
815314	M14 x 1.5	8 x 1
815316	M16 x 1.5	8 x 1
815322	M22 x 1.5	8 x 1
815412	M12 x 1.5	10 x 1.25
815414	M14 x 1.5	10 x 1.25
815416	M16 x 1.5	10 x 1.25
815422	M22 x 1.5	10 x 1.25

Part Ref	Thread Size	Tube (mm)
815512	M12 x 1.5	12 x 1.5
815514	M14 x 1.5	12 x 1.5
815516	M16 x 1.5	12 x 1.5
815522	M22 x 1.5	12 x 1.5
815612	M12 x 1.5	15 x 1.5
815614	M14 x 1.5	15 x 1.5
815616	M16 x 1.5	15 x 1.5
815622	M22 x 1.5	15 x 1.5
815716	M16 x 1.5	16 x 2
815722	M22 x 1.5	16 x 2
815816	M16 x 1.5	18 x 2
815822	M22 x 1.5	18 x 2

825 SERIES SWIVEL STUD RUN TEES



PARTS WITHOUT THE SUB TIPO

Part Ref	Tipo	Tube (mm)
825200	B	6 x 1
825300	B	8 x 1
825400	B	10 x 1.25
825500	B	12 x 1.5
825600	B	15 x 1.5
825700	B	16 x 2
825800	B	18 x 2

PART COMPLETE WITH THE SUB TIPO

Part Ref	Thread Size	Tube (mm)
825210	M10 x 1	6 x 1
825212	M12 x 1.5	6 x 1
825214	M14 x 1.5	6 x 1
825216	M16 x 1.5	6 x 1
825222	M22 x 1.5	6 x 1
825310	M10 x 1	8 x 1
825312	M12 x 1.5	8 x 1
825314	M14 x 1.5	8 x 1
825316	M16 x 1.5	8 x 1
825322	M22 x 1.5	8 x 1
825412	M12 x 1.5	10 x 1.25
825414	M14 x 1.5	10 x 1.25
825416	M16 x 1.5	10 x 1.25
825422	M22 x 1.5	10 x 1.25

Part Ref	Thread Size	Tube (mm)
825512	M12 x 1.5	12 x 1.5
825514	M14 x 1.5	12 x 1.5
825516	M16 x 1.5	12 x 1.5
825522	M22 x 1.5	12 x 1.5
825612	M12 x 1.5	15 x 1.5
825614	M14 x 1.5	15 x 1.5
825616	M16 x 1.5	15 x 1.5
825622	M22 x 1.5	15 x 1.5
825716	M16 x 1.5	16 x 2
825722	M22 x 1.5	16 x 2
825816	M16 x 1.5	18 x 2
825822	M22 x 1.5	18 x 2

All parts available in 9mm & 11 mm

835 SERIES SWIVEL STUD TEES



PARTS WITHOUT THE SUB TIPO

Part Ref	Tipo	Tube (mm)
835200	B	6 x 1
835300	B	8 x 1
835400	B	10 x 1.25
835500	B	12 x 1.5
835600	B	15 x 1.5
835700	B	16 x 2
835800	B	18 x 2

PART COMPLETE WITH THE SUB TIPO

Part Ref	Thread Size	Tube (mm)
835210	M10 x 1	6 x 1
835212	M12 x 1.5	6 x 1
835214	M14 x 1.5	6 x 1
835216	M16 x 1.5	6 x 1
835222	M22 x 1.5	6 x 1
835310	M10 x 1	8 x 1
835312	M12 x 1.5	8 x 1
835314	M14 x 1.5	8 x 1
835316	M16 x 1.5	8 x 1
835322	M22 x 1.5	8 x 1
835412	M12 x 1.5	10 x 1.25
835414	M14 x 1.5	10 x 1.25
835416	M16 x 1.5	10 x 1.25
835422	M22 x 1.5	10 x 1.25

Part Ref	Thread Size	Tube (mm)
835512	M12 x 1.5	12 x 1.5
835514	M14 x 1.5	12 x 1.5
835516	M16 x 1.5	12 x 1.5
835522	M22 x 1.5	12 x 1.5
835612	M12 x 1.5	15 x 1.5
835614	M14 x 1.5	15 x 1.5
835616	M16 x 1.5	15 x 1.5
835622	M22 x 1.5	15 x 1.5
835716	M16 x 1.5	16 x 2
835722	M22 x 1.5	16 x 2
835816	M16 x 1.5	18 x 2
835822	M22 x 1.5	18 x 2

845 SERIES SWIVEL 45° ELBOWS



PARTS WITHOUT THE SUB TIPO

Part Ref	Tipo	Tube (mm)
845200	B	6 x 1
845300	B	8 x 1
845400	B	10 x 1.25
845500	B	12 x 1.5
845600	B	15 x 1.5
845700	B	16 x 2
845800	B	18 x 2

PART COMPLETE WITH THE SUB TIPO

Part Ref	Thread Size	Tube (mm)
845210	M10 x 1	6 x 1
845212	M12 x 1.5	6 x 1
845214	M14 x 1.5	6 x 1
845216	M16 x 1.5	6 x 1
845222	M22 x 1.5	6 x 1
845310	M10 x 1	8 x 1
845312	M12 x 1.5	8 x 1
845314	M14 x 1.5	8 x 1
845316	M16 x 1.5	8 x 1
845322	M22 x 1.5	8 x 1
845412	M12 x 1.5	10 x 1.25
845414	M14 x 1.5	10 x 1.25
845416	M16 x 1.5	10 x 1.25
845422	M22 x 1.5	10 x 1.25

Part Ref	Thread Size	Tube (mm)
845512	M12 x 1.5	12 x 1.5
845514	M14 x 1.5	12 x 1.5
845516	M16 x 1.5	12 x 1.5
845522	M22 x 1.5	12 x 1.5
845612	M12 x 1.5	15 x 1.5
845614	M14 x 1.5	15 x 1.5
845616	M16 x 1.5	15 x 1.5
845622	M22 x 1.5	15 x 1.5
845716	M16 x 1.5	16 x 2
845722	M22 x 1.5	16 x 2
845816	M16 x 1.5	18 x 2
845822	M22 x 1.5	18 x 2

846 SERIES SWIVEL STUD CROSS



PARTS WITHOUT THE SUB TIPO

Part Ref	Tipo	Tube (mm)
846200	B	6 x 1
846300	B	8 x 1
846400	B	10 x 1.25
846500	B	12 x 1.5
846600	B	15 x 1.5
846700	B	16 x 2
846800	B	18 x 2

PART COMPLETE WITH THE SUB TIPO

Part Ref	Thread Size	Tube (mm)
846210	M10 x 1	6 x 1
846212	M12 x 1.5	6 x 1
846214	M14 x 1.5	6 x 1
846216	M16 x 1.5	6 x 1
846222	M22 x 1.5	6 x 1
846310	M10 x 1	8 x 1
846312	M12 x 1.5	8 x 1
846314	M14 x 1.5	8 x 1
846316	M16 x 1.5	8 x 1
846322	M22 x 1.5	8 x 1
846412	M12 x 1.5	10 x 1.25
846414	M14 x 1.5	10 x 1.25
846416	M16 x 1.5	10 x 1.25
846422	M22 x 1.5	10 x 1.25

Part Ref	Thread Size	Tube (mm)
846512	M12 x 1.5	12 x 1.5
846514	M14 x 1.5	12 x 1.5
846516	M16 x 1.5	12 x 1.5
846522	M22 x 1.5	12 x 1.5
846612	M12 x 1.5	15 x 1.5
846614	M14 x 1.5	15 x 1.5
846616	M16 x 1.5	15 x 1.5
846622	M22 x 1.5	15 x 1.5
846716	M16 x 1.5	16 x 2
846722	M22 x 1.5	16 x 2
846816	M16 x 1.5	18 x 2
846822	M22 x 1.5	18 x 2

847 SERIES SWIVEL 'Y' CORNER ELBOWS



PARTS WITHOUT THE SUB TIPO

Part Ref	Tipo	Tube (mm)
847200	B	6 x 1
847300	B	8 x 1
847400	B	10 x 1.25
847500	B	12 x 1.5
847600	B	15 x 1.5
847700	B	16 x 2
847800	B	18 x 2

PART COMPLETE WITH THE SUB TIPO

Part Ref	Thread Size	Tube (mm)
847210	M10 x 1	6 x 1
847212	M12 x 1.5	6 x 1
847214	M14 x 1.5	6 x 1
847216	M16 x 1.5	6 x 1
847222	M22 x 1.5	6 x 1
847310	M10 x 1	8 x 1
847312	M12 x 1.5	8 x 1
847314	M14 x 1.5	8 x 1
847316	M16 x 1.5	8 x 1
847322	M22 x 1.5	8 x 1
847412	M12 x 1.5	10 x 1.25
847414	M14 x 1.5	10 x 1.25
847416	M16 x 1.5	10 x 1.25
847422	M22 x 1.5	10 x 1.25

Part Ref	Thread Size	Tube (mm)
847512	M12 x 1.5	12 x 1.5
847514	M14 x 1.5	12 x 1.5
847516	M16 x 1.5	12 x 1.5
847522	M22 x 1.5	12 x 1.5
847612	M12 x 1.5	15 x 1.5
847614	M14 x 1.5	15 x 1.5
847616	M16 x 1.5	15 x 1.5
847622	M22 x 1.5	15 x 1.5
847716	M16 x 1.5	16 x 2
847722	M22 x 1.5	16 x 2
847816	M16 x 1.5	18 x 2
847822	M22 x 1.5	18 x 2

848 SERIES SWIVEL CORNER CROSS



PARTS WITHOUT THE SUB TIPO

Part Ref	Tipo	Tube (mm)
848200	B	6 x 1
848300	B	8 x 1
848400	B	10 x 1.25
848500	B	12 x 1.5
848600	B	15 x 1.5
848700	B	16 x 2
848800	B	18 x 2

PART COMPLETE WITH THE SUB TIPO

Part Ref	Thread Size	Tube (mm)
848210	M10 x 1	6 x 1
848212	M12 x 1.5	6 x 1
848214	M14 x 1.5	6 x 1
848216	M16 x 1.5	6 x 1
848222	M22 x 1.5	6 x 1
848310	M10 x 1	8 x 1
848312	M12 x 1.5	8 x 1
848314	M14 x 1.5	8 x 1
848316	M16 x 1.5	8 x 1
848322	M22 x 1.5	8 x 1
848412	M12 x 1.5	10 x 1.25
848414	M14 x 1.5	10 x 1.25
848416	M16 x 1.5	10 x 1.25
848422	M22 x 1.5	10 x 1.25

Part Ref	Thread Size	Tube (mm)
848512	M12 x 1.5	12 x 1.5
848514	M14 x 1.5	12 x 1.5
848516	M16 x 1.5	12 x 1.5
848522	M22 x 1.5	12 x 1.5
848612	M12 x 1.5	15 x 1.5
848614	M14 x 1.5	15 x 1.5
848616	M16 x 1.5	15 x 1.5
848622	M22 x 1.5	15 x 1.5
848716	M16 x 1.5	16 x 2
848722	M22 x 1.5	16 x 2
848816	M16 x 1.5	18 x 2
848822	M22 x 1.5	18 x 2

849 SERIES SWIVEL SIDE TEES



PARTS WITHOUT THE SUB TIPO

Part Ref	Tipo	Tube (mm)
849200	B	6 x 1
849300	B	8 x 1
849400	B	10 x 1.25
849500	B	12 x 1.5
849600	B	15 x 1.5
849700	B	16 x 2
849800	B	18 x 2

PART COMPLETE WITH THE SUB TIPO

Part Ref	Thread Size	Tube (mm)
849210	M10 x 1	6 x 1
849212	M12 x 1.5	6 x 1
849214	M14 x 1.5	6 x 1
849216	M16 x 1.5	6 x 1
849222	M22 x 1.5	6 x 1
849310	M10 x 1	8 x 1
849312	M12 x 1.5	8 x 1
849314	M14 x 1.5	8 x 1
849316	M16 x 1.5	8 x 1
849322	M22 x 1.5	8 x 1
849412	M12 x 1.5	10 x 1.25
849414	M14 x 1.5	10 x 1.25
849416	M16 x 1.5	10 x 1.25
849422	M22 x 1.5	10 x 1.25

Part Ref	Thread Size	Tube (mm)
849512	M12 x 1.5	12 x 1.5
849514	M14 x 1.5	12 x 1.5
849516	M16 x 1.5	12 x 1.5
849522	M22 x 1.5	12 x 1.5
849612	M12 x 1.5	15 x 1.5
849614	M14 x 1.5	15 x 1.5
849616	M16 x 1.5	15 x 1.5
849622	M22 x 1.5	15 x 1.5
849716	M16 x 1.5	16 x 2
849722	M22 x 1.5	16 x 2
849816	M16 x 1.5	18 x 2
849822	M22 x 1.5	18 x 2

851 SERIES SWIVEL 'F' ELBOW



PARTS WITHOUT THE SUB TIPO

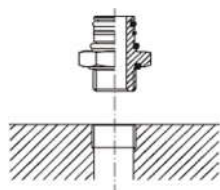
Part Ref	Tipo	Tube (mm)
848200	B	6 x 1
848300	B	8 x 1
848400	B	10 x 1.25
848500	B	12 x 1.5
848600	B	15 x 1.5
848700	B	16 x 2
848800	B	18 x 2

PART COMPLETE WITH THE SUB TIPO

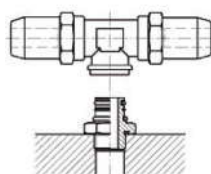
Part Ref	Thread Size	Tube (mm)
848210	M10 x 1	6 x 1
848212	M12 x 1.5	6 x 1
848214	M14 x 1.5	6 x 1
848216	M16 x 1.5	6 x 1
848222	M22 x 1.5	6 x 1
848310	M10 x 1	8 x 1
848312	M12 x 1.5	8 x 1
848314	M14 x 1.5	8 x 1
848316	M16 x 1.5	8 x 1
848322	M22 x 1.5	8 x 1
848412	M12 x 1.5	10 x 1.25
848414	M14 x 1.5	10 x 1.25
848416	M16 x 1.5	10 x 1.25
848422	M22 x 1.5	10 x 1.25

Part Ref	Thread Size	Tube (mm)
848512	M12 x 1.5	12 x 1.5
848514	M14 x 1.5	12 x 1.5
848516	M16 x 1.5	12 x 1.5
848522	M22 x 1.5	12 x 1.5
848612	M12 x 1.5	15 x 1.5
848614	M14 x 1.5	15 x 1.5
848616	M16 x 1.5	15 x 1.5
848622	M22 x 1.5	15 x 1.5
848716	M16 x 1.5	16 x 2
848722	M22 x 1.5	16 x 2
848816	M16 x 1.5	18 x 2
848822	M22 x 1.5	18 x 2

Screw the swivel Coupling into the thread ensuring the correct torque.
(Over-tightening can cause damage to both the fitting and the component).

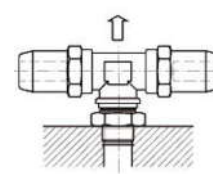


Then fit the component by means of push and twist .



IMPORTANT:
Check the component is coupled correctly and securely.

Pull the component to ensure in this case.



All swivel fittings are also available with

1/8" - 1/4" - M10 - M14 & M26 Threads

and to

9x1.5 mm - 11x1.5 mm - 10x1.5mm Tube



Test point swivel tees also available upon request



SWIVEL THREADED ADAPTORS



715 SERIES
SWIVEL ELBOWS



735 SERIES
SWIVEL STUD
TEES



Part Ref	Male Thread	Female Thread
715302	1/8"	M12F x 1.5
715304	1/4"	M12F x 1.5
715310	M10 x 1	M12F x 1.5
715312	M12 x 1.5	M12F x 1.5
715314	M14 x 1.5	M12F x 1.5
715316	M16 x 1.5	M12F x 1.5
715322	M22 x 1.5	M12F x 1.5
715502	1/8"	M16F x 1.5
715504	1/4"	M16F x 1.5
715512	M12 x 1.5	M16F x 1.5
715514	M14 x 1.5	M16F x 1.5
715516	M16 x 1.5	M16F x 1.5
715522	M22 x 1.5	M16F x 1.5
715526	M26 x 1.5	M16F x 1.5

Part Ref	Male Thread	Female Thread
735302	1/8"	M12F x 1.5
735304	1/4"	M12F x 1.5
735310	M10 x 1	M12F x 1.5
735312	M12 x 1.5	M12F x 1.5
735314	M14 x 1.5	M12F x 1.5
735316	M16 x 1.5	M12F x 1.5
735322	M22 x 1.5	M12F x 1.5
735502	1/8"	M16F x 1.5
735504	1/4"	M16F x 1.5
735512	M12 x 1.5	M16F x 1.5
735514	M14 x 1.5	M16F x 1.5
735516	M16 x 1.5	M16F x 1.5
735522	M22 x 1.5	M16F x 1.5
735526	M26 x 1.5	M16F x 1.5

725 SERIES - SWIVEL STUD RUN TEES



Part Ref	Male Thread	Female Thread
725302	1/8"	M12F x 1.5
725304	1/4"	M12F x 1.5
725310	M10 x 1	M12F x 1.5
725312	M12 x 1.5	M12F x 1.5
725314	M14 x 1.5	M12F x 1.5
725316	M16 x 1.5	M12F x 1.5
725322	M22 x 1.5	M12F x 1.5
725502	1/8"	M16F x 1.5
725504	1/4"	M16F x 1.5
725512	M12 x 1.5	M16F x 1.5
725514	M14 x 1.5	M16F x 1.5
725516	M16 x 1.5	M16F x 1.5
725522	M22 x 1.5	M16F x 1.5
725526	M26 x 1.5	M16F x 1.5

745 SERIES - SWIVEL 45 DEGREE ELBOWS

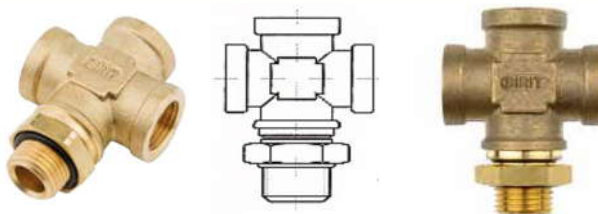


Part Ref	Male Thread	Female Thread
745302	1/8"	M12F x 1.5
745304	1/4"	M12F x 1.5
745310	M10 x 1	M12F x 1.5
745312	M12 x 1.5	M12F x 1.5
745314	M14 x 1.5	M12F x 1.5
745316	M16 x 1.5	M12F x 1.5
745322	M22 x 1.5	M12F x 1.5
745502	1/8"	M16F x 1.5
745504	1/4"	M16F x 1.5
745512	M12 x 1.5	M16F x 1.5
745514	M14 x 1.5	M16F x 1.5
745516	M16 x 1.5	M16F x 1.5
745522	M22 x 1.5	M16F x 1.5
745526	M26 x 1.5	M16F x 1.5

SWIVEL THREADED ADAPTORS

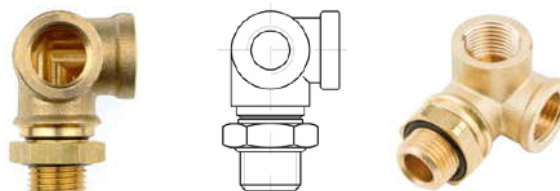
Part Ref	Male Thread	Female Thread
746502	1/8"	M16F x 1.5
746504	1/4"	M16F x 1.5
746510	M10 x 1	M16F x 1.5
746512	M12 x 1.5	M16F x 1.5
746514	M14 x 1.5	M16F x 1.5
746516	M16 x 1.5	M16F x 1.5
746522	M22 x 1.5	M16F x 1.5
746526	M26 x 1.5	M16F x 1.5

746 SERIES SWIVEL CROSS



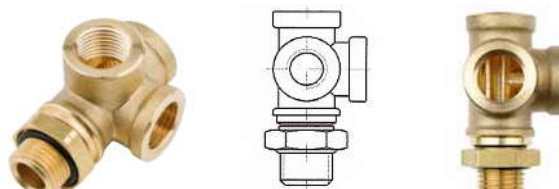
747502	1/8"	M16F x 1.5
747504	1/4"	M16F x 1.5
745510	M10 x 1	M16F x 1.5
747512	M12 x 1.5	M16F x 1.5
747514	M14 x 1.5	M16F x 1.5
747516	M16 x 1.5	M16F x 1.5
747522	M22 x 1.5	M16F x 1.5
747526	M26 x 1.5	M16F x 1.5

747 SERIES SWIVEL 'Y' CORNER TEE



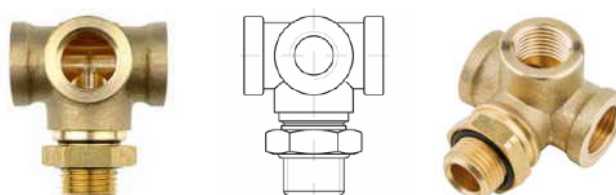
748502	1/8"	M16F x 1.5
748504	1/4"	M16F x 1.5
748510	M10 x 1	M16F x 1.5
748512	M12 x 1.5	M16F x 1.5
748514	M14 x 1.5	M16F x 1.5
748516	M16 x 1.5	M16F x 1.5
748522	M22 x 1.5	M16F x 1.5
748526	M26 x 1.5	M16F x 1.5

748 SERIES SWIVEL CORNER CROSS



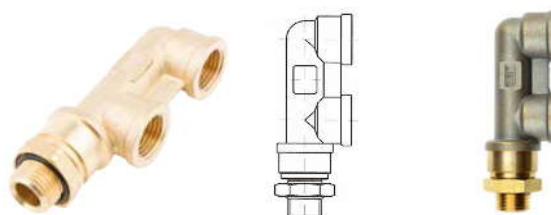
749502	1/8"	M16F x 1.5
749510	M10 x 1	M16F x 1.5
749504	1/4"	M16F x 1.5
749512	M12 x 1.5	M16F x 1.5
749514	M14 x 1.5	M16F x 1.5
749516	M16 x 1.5	M16F x 1.5
749522	M22 x 1.5	M16F x 1.5
749526	M26 x 1.5	M16F x 1.5

749 SERIES SWIVEL SIDE CROSS



751502	1/8"	M16F x 1.5
751504	1/4"	M16F x 1.5
751510	M10 x 1	M16F x 1.5
751512	M12 x 1.5	M16F x 1.5
751514	M14 x 1.5	M16F x 1.5
751516	M16 x 1.5	M16F x 1.5
751522	M22 x 1.5	M16F x 1.5
751526	M26 x 1.5	M16F x 1.5

751 SERIES SWIVEL 'F' FITTING



FIXED ADAPTORS

710 SERIES - FIXED 90° ELBOW



Part Ref	Male Thread	Female Thread
710310	M10 x 1	M12F x 1.5
710312	M12 x 1.5	M12F x 1.5
710316	M16 x 1.5	M12F x 1.5
710322	M22 x 1.5	M12F x 1.5
710512	M12 x 1.5	M16F x 1.5
710514	M14 x 1.5	M16F x 1.5
710516	M16 x 1.5	M16F x 1.5
710522	M22 x 1.5	M16F x 1.5
710716	M16 x 1.5	M22F x 1.5
710722	M22 x 1.5	M22F x 1.5

720 SERIES - FIXED STUD RUN ELBOW



Part Ref	Male Thread	Female Thread
720310	M10 x 1	M12F x 1.5
720312	M12 x 1.5	M12F x 1.5
720316	M16 x 1.5	M12F x 1.5
720322	M22 x 1.5	M12F x 1.5
720512	M12 x 1.5	M16F x 1.5
720516	M16 x 1.5	M16F x 1.5
720522	M22 x 1.5	M16F x 1.5
720722	M22 x 1.5	M22F x 1.5

730 SERIES - FIXED TEE



Part	Male Thread	Female Thread
730310	M10 x 1	M12F x 1.5
730312	M12 x 1.5	M12F x 1.5
730316	M16 x 1.5	M12F x 1.5
730322	M22 x 1.5	M12F x 1.5
730512	M12 x 1.5	M16F x 1.5
730514	M14 x 1.5	M16F x 1.5
730516	M16 x 1.5	M16F x 1.5
730522	M22 x 1.5	M16F x 1.5
730722	M22 x 1.5	M22F x 1.5

INFO

All fixed adaptors in any series come complete with a recessed Locknut and Sealing Ring

FIXED ADATORS

740 SERIES



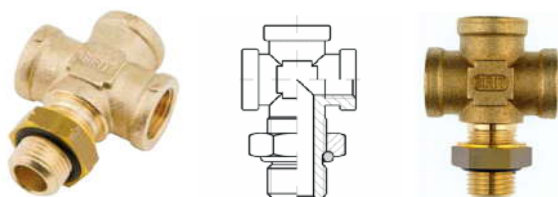
Part Ref	Male Thread	Female Thread
45 DEGREE FIXED ELBOW		
740516	M16 x 1.5	M16F x 1.5
740722	M22 x 1.5	M22F x 1.5

743 SERIES



Part Ref	Male Thread	Female Thread
90 DEGREE FIXED ELBOW		
743516	M16 x 1.5	M16F x 1.5
743522	M22 x 1.5	M16F x 1.5

741 SERIES



Part Ref	Male Thread	Female Thread
FIXED STUD CROSS		
741516	M16 x 1.5	M16F x 1.5
741522	M22 x 1.5	M16F x 1.5



**All fixed adaptors in any series
come complete with a recessed
Locknut and Sealing Ring**

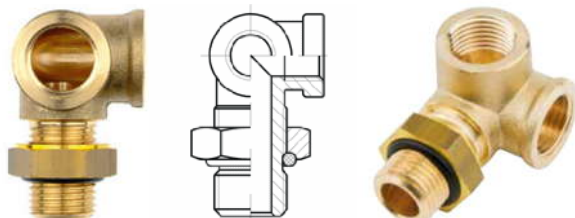
FEMALE ADAPTORS

750 SERIES



Part Ref	Female Thread	Female Thread
FEMALE THREADED BARREL		
750200	M10F x 1	M10F x 1
750300	M12F x 1.5	M12F x 1.5
750400	M14F x 1.5	M14F x 1.5
750500	M16F x 1.5	M16F x 1.5
750700	M22F x 1.5	M22F x 1.5

742 SERIES



Part Ref	Male Thread	Female Thread
FIXED "Y" ELBOW		
742516	M16 x 1.5	M16F x 1.5
742522	M22 x 1.5	M16F x 1.5

ADAPTORS

760 SERIES



Part Ref	Female Thread	Female Thread
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90 DEGREE FEMALE ELBOW

760300	M12F x 1.5	M12F x 1.5
760500	M16F x 1.5	M16F x 1.5
760700	M22F x 1.5	M22F x 1.5

770 SERIES



Part	Female Thread	Female Thread
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FEMALE TEE

770300	M12F x 1.5	M12F x 1.5
770500	M16F x 1.5	M16F x 1.5
770700	M22F x 1.5	M22F x 1.5



Part	Female Thread
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BRACKETED FEMALE TEE

770500BT	M16F x 1.5
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780 SERIES



Part	Female Thread	Female Thread
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FEMALE CROSS

780300	M12F x 1.5	M12F x 1.5
780500	M16F x 1.5	M16F x 1.5

753 SERIES



If lock nut is not required on the adaptor series 753 it then becomes an 653.

753300 to 653300

Part Ref	M1	F1	F2
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BULKHEAD ADAPTOR

753300	M18 x 1.5	M12F x 1.5	M12F x 1.5
753500	M22 x 1.5	M16F x 1.5	M16F x 1.5
753700	M28 x 1.5	M22F x 1.5	M22F x 1.5
753302	M18 x 1.5	M12F x 1.5	1/8"
753504	M22 x 1.5	M16F x 1.5	1/4"

703 SERIES

If lock nut is not required on the adaptor series 703 it then becomes a 603.

703516 to 603516



Part Ref	M1	M2	F1
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BULKHEAD COUPLING

703216	M16 x 1.5	M16 x 1.5	M10F x 1
703222	M22 x 1.5	M16 x 1.5	M10F x 1
703312	M12 x 1.5	M18 x 1.5	M12F x 1.5
703316	M16 x 1.5	M18 x 1.5	M12F x 1.5
703322	M22 x 1.5	M18 x 1.5	M12F x 1.5
703512	M12 x 1.5	M22 x 1.5	M16F x 1.5
703516	M16 x 1.5	M22 x 1.5	M16F x 1.5
703522	M22 x 1.5	M22 x 1.5	M16F x 1.5
703526	M26 x 1.5	M22 x 1.5	M16F x 1.5
703722	M22 x 1.5	M28 x 1.5	M22F x 1.5

FITTING ADAPTORS

763 SERIES



If lock nut is not required on the adaptor series 763 it then becomes a 663

763500 to 663500

Part Ref	Male Thread	Female Thread
MALE/FEMALE 90 DEGREE BULKHEAD ELBOW		
763300	M18 x 1.5	M12F x 1.5
763500	M22 x 1.5	M16F x 1.5

Part	Thread
MALE - MALE ELBOW	
MME22Z	M22 x 1.5



Part	Thread
MALE LOCKING TEE	
MLT22Z	M22 x 1.5



853 SERIES



Part Ref	Tube Size (mm)	Female Thread
EQUAL BULKHEAD COUPLING		
853200	6 x 1	M12F x 1.5
853300	8 x 1	M12F x 1.5
853400	10 x 1.25	M12F x 1.5
853400/5	10 x 1.5	M12F x 1.5
853500	12 x 1.5	M16F x 1.5
853600	15 x 1.5	M16F x 1.5
853700	16 x 2	M16F x 1.5
853800	18 x 2	M16F x 1.5

Part	Thread
BRACKETED 'Y'	
950500BT	M16F x 1.5



Part	Thread
BLANKING PLUG	
BP12B	M12 x 1.5
BP16B	M16 x 1.5
BP22B	M22 x 1.5



863 SERIES



Part Ref	Tube Size (mm)	Female Thread
EQUAL 90 DEGREE BULKHEAD ELBOW		
863200	6 x 1	M12F x 1.5
863300	8 x 1	M12F x 1.5
863400	10 x 1.25	M12F x 1.5
863400/5	10 x 1.5	M12F x 1.5
863500	12 x 1.5	M16F x 1.5
863600	15 x 1.5	M16F x 1.5
863700	16 x 2	M16F x 1.5
863800	18 x 2	M16F x 1.5



Part	Male Thread	Female Thread
MALE - FEMALE ADAPTORS		
MFA2212B	M22 x 1.5	F12 x 1.5
MFA2216B	M22 x 1.5	F16 x 1.5

EXTRA PARTS AVAILABLE UPON REQUEST



EQUAL TUBE CONNECTORS

850 SERIES



Part Ref	Tube Size (mm)
STRAIGHT EQUAL JOINER	
850200	6 x 1
850300	8 x 1
850900	9 x 1.5
850400	10 x 1.25
850110	11 x 1.5
850500	12 x 1.5
850600	15 x 1.5
850700	16 x 2
850800	18 x 2

870 SERIES



Part Ref	Tube Size (mm)	Female Thread
TEE EQUAL JOINER		
870200	6 x 1	M12F x 1.5
870300	8 x 1	M12F x 1.5
870900	9 x 1.5	M12F x 1.5
870400	10 x 1.25	M12F x 1.5
870110	11 x 1.5	M12F x 1.5
870500	12 x 1.5	M16F x 1.5
870600	15 x 1.5	M16F x 1.5
870700	16 x 2	M16F x 1.5
870800	18 x 2	M16F x 1.5

860 SERIES



Part Ref	Tube Size (mm)	Female Thread
90 DEGREE EQUAL ELBOW JOINER		
860200	6 x 1	M12F x 1.5
860300	8 x 1	M12F x 1.5
860900	9 x 1.5	M12F x 1.5
860400	10 x 1.25	M12F x 1.5
860110	11 x 1.5	M12F x 1.5
860500	12 x 1.5	M16F x 1.5
860600	15 x 1.5	M16F x 1.5
860700	16 x 2	M16F x 1.5
860800	18 x 2	M16F x 1.5

880 SERIES



Part Ref	Tube Size (mm)	Female Thread
CROSS EQUAL JOINER		
880200	6 x 1	M12F x 1.5
880300	8 x 1	M12F x 1.5
880900	9 x 1.5	M12F x 1.5
880400	10 x 1.25	M12F x 1.5
880110	11 x 1.5	M12F x 1.5
880500	12 x 1.5	M16F x 1.5
880600	15 x 1.5	M16F x 1.5
880700	16 x 2	M16F x 1.5
880800	18 x 2	M16F x 1.5

All studs can be unscrewed if you require to make an unequal connector
(Apart from the Straights)



RECESSED LOCK NUTS & SEALS



Part Ref	Size	Part Ref	Size
LOCKING NUTS		SEALS	
692010	M10 x 1	693010	10 mm
692012	M12 x 1.5	693012	12 mm
692014	M14 x 1.5	693014	14 mm
692016	M16 x 1.5	693016	16 mm
692022	M22 x 1.5	693022	22 mm

ASSORTED BOXES:

All boxes come clearly labelled to identify parts and sizes

ASSORTED MALE STUDS - Part ref: 800AB



Part Ref	Size	Qty	Part Ref	Size	Qty
800312	M12 x 8mm	2	800516	M16 x 12mm	2
800316	M16 x 8mm	2	800522	M22 x 12mm	2
800416	M16 x 10mm	2	800622	M22 x 15mm	1
800422	M22 x 10mm	2	800822	M22 x 18mm	1

ASSORTED MALE ELBOWS - Part Ref: 810AB



Part Ref	Size	Qty	Part Ref	Size	Qty
810312	M12 x 8mm	2	810422	M22 x 10mm	1
810316	M16 x 8mm	2	810516	M16 x 12mm	1
810322	M22 x 8mm	2	810522	M22 x 12mm	1
810412	M12 x 10mm	2	810622	M22 x 15mm	1
810416	M16 x 10mm	2	810822	M22 x 18mm	1

STRAIGHT CONNECTORS - Part Ref: 850AB



Part Ref	Size	Qty	Part Ref	Size	Qty
850200	6 mm	2	850500	12 mm	2
850300	8 mm	2	850600	15 mm	2
850400	10 mm	2	850700	16 mm	2
			850800	18 mm	1



SIRIT WORKSHOP & MOBILE REPAIR SERVICE KIT



SIRIT
AIR BRAKE FITTINGS

PART REF:

SIRITAB



For the unsuspected costly times when you either do not have the correct fittings to hand or you have to await delivery, which is normally a next day service.

Air brake Connections (TUV) Fitting Case will enable you to replace either individual fittings or a valve install/replacement.

Consisting of a variety of 26 fittings and a total of 120, and also giving you the opportunity to use the sub components to make the extra fittings you require.

For a Valve replacement, pre-fit new fittings into the braking valve/valves, remove old unit/valve and either remove the tubing one by one and replace the new tubing one by one (note: the tubing must be cut cleanly and squarely), alternatively clearly label each tube. Remove and refit unit/valve and simply cut away the tube squarely, push and twist the new tubing into position (note: a pull backward on the tubing is recommend to ensure full lock has been achieved).

All fittings supplied in the Case can be used on any braking application.

A clearly labelled list of contents is applied to each Service Kit to allow easy re-ordering.

Our Service Kit is designed for repair and servicing and therefore will suit most requirements for today's braking systems.

All Fittings are TUV approved for braking applications.



SWIVEL STUD M12 X 4	MALE STUD M16 X 6mm X 4	
SWIVEL STUD M16 X 6	MALE STUD M12 X 8mm X 8	FEMALE ADAPTOR M16F X 8
SWIVEL STUD M22 X 4	MALE STUD M16 X 8mm X 6	BLANKING PLUG M12 X 4
SWIVEL ELBOW M16F X 4	MALE STUD M16 X 10mm X 6	BLANKING PLUG M16 X 4
45° SWIVEL ELBOW M16F X 4	MALE STUD M22 X 10mm X 6	BLANKING PLUG M22 X 4
'F' FITTING M16F X 2	MALE STUD M16 X 12mm X 6	TEST POINT M16 X 4
SWIVEL SIDE TEE M16F X 4	MALE STUD M22 X 12mm X 6	TEST POINT M22 X 4
SWIVEL BRANCH TEE M16F X 4	MALE STUD M22 X 15mm X 4	BULKHEAD M16 X M22 X M16F X 3
	MALE STUD M22 X 16mm X 4	BULKHEAD M22 X M22 X M16F X 3
	MALE STUD M22 X 18mm X 4	