

Fleetfit Push-in Tube Fittings

Metric 6 mm - 18 mm OD Tube

Imperial 1/4" - 3/4" OD Tube

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- **Simple tube connection and disconnection with no tools required**

Corrosion Resistant

- **Easy identification with all collets marked with tube sizes**
 - **Reduced assembly time saves time/labour**
 - **Ease of tube insertion in restricted areas**
 - **TUV Approved**
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Technical Data

Maximum Working Pressure:
0 to 10 bar (0 to 150 psi)

Operating Temperature: -40°C to + 100°C

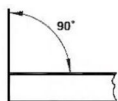
Materials

Brass body, Tube support, & collet
Low Nitrile 'O' ring
Precoat 5 Thread Sealant

Warning: The swivel feature should be used for positioning purposes only and should not be used as a rotating joint.

Installation - Tube Connection / Disconnection

1. Ensure that the end of the tube is cut square and is free from burrs.



2. Push the tube through the collet into the fitting.



3. Continue pushing the tube through the 'O' ring until it bottoms on the tube stop. Then pull back on the tube to reinforce the collet teeth gripping action.



4. To disconnect - First ensure there is no air present. Push the tube into the fitting until it bottoms on the tube stop. Then hold down the collet and withdraw the tube.



Equal Connectors

Metric Joiners

Part Ref	Tube OD
97450304	6 mm
97450305	8 mm
97450313	9 mm
97450306	10 mm
97450336	11 mm
97450307	12 mm
97450392	14 mm
97450315	15 mm
97450308	16 mm



Imperial Joiners

Part Ref	Tube OD
94450303	3/16"
94450304	1/4"
94450306	3/8"
94450307	1/2"
94450308	5/8"
94450309	3/4"

Metric Equal Elbows

Part Ref	Tube OD
97451104	6 mm
97451105	8 mm
97451106	10 mm
97451107	12 mm
97451115	15 mm
97451108	16 mm



Imperial Equal Elbows

Part Ref	Tube OD
94451104	1/4"
94451106	3/8"
94451107	1/2"

Metric Equal Tees

Part Ref	Tube OD
97451404	6 mm
97451405	8 mm
97451413	9 mm
97451406	10 mm
97415436	11 mm
97415407	12 mm
97451415	15 mm
97451408	16 mm



Imperial Equal Tees

Part Ref	Tube OD
94451404	1/4"
94451406	3/8"
94451407	1/2"
94451408	5/8"

Male Stud Couplings



Reducing Metric Joiner



Part Ref	Tube OD	Tube OD
97450448	10 mm	6 mm
97450457	12 mm	8 mm

Bulkhead Connector



Part Ref	Thread	Tube OD
97450704	M15 x 1.0	6 mm
97450705	M18 x 1.5	8 mm
97450706	M20 x 1.5	10 mm
97450707	M24 x 1.5	12 mm
97450708	M30 x 1.5	16 mm

Part Ref	Thread	Tube OD
BSP Taper		
97453004	1/8"	6 mm
97453010	1/4"	6 mm
97453005	1/8"	8 mm
97453011	1/4"	8 mm
97453019	3/8"	8 mm
97453006	1/8"	10 mm
97453012	1/4"	10 mm
97453020	3/8"	10 mm
97453029	1/2"	10 mm
97453013	1/4"	12 mm
97453021	3/8"	12 mm
97453030	1/2"	12 mm
97453022	3/8"	16 mm
97453031	1/2"	16 mm

Male Stud Couplings



Part Ref	Thread	Tube OD
97466631	M10 x 1.0	6 mm
97466633	M12 x 1.5	6 mm
97466634	M14 x 1.5	6 mm
97466635	M16 x 1.5	6 mm
97466638	M22 x 1.5	6 mm
97466641	M10 x 1.0	8 mm
97466643	M12 x 1.5	8 mm
97466644	M14 x 1.5	8 mm
97466645	M16 x 1.5	8 mm
97466648	M22 x 1.5	8 mm
97466651	M10 x 1.0	10 mm
97466653	M12 x 1.5	10 mm
97466654	M14 x 1.5	10 mm
97466655	M16 x 1.5	10 mm
97466658	M22 x 1.5	10 mm
97466663	M12 x 1.5	12 mm
97466664	M14 x 1.5	12 mm
97466665	M16 x 1.5	12 mm
97466668	M22 x 1.5	12 mm
97466670	M22 x 1.5	15 mm
97466679	M16 x 1.5	16 mm
97466675	M22 x 1.5	16 mm
97466680	M22 x 1.5	18 mm



Part Ref	Thread	Tube OD
94466631	M10 x 1.0	1/4"
94466633	M12 x 1.5	1/4"
94466635	M16 x 1.5	1/4"
94466638	M22 x 1.5	1/4"
94466653	M12 x 1.5	3/8"
94466654	M14 x 1.5	3/8"
94466655	M16 x 1.5	3/8"
94466658	M22 x 1.5	3/8"
94466665	M16 x 1.5	1/2"
94466668	M22 x 1.5	1/2"
94466679	M16 x 1.5	5/8"
94466675	M22 x 1.5	5/8"



Part Ref	Thread	Tube OD
BSP Taper		
94453004	1/8"	1/4"
94453010	1/4"	1/4"
94453006	1/8"	3/8"
94453012	1/4"	3/8"
94453020	3/8"	3/8"
94453029	1/2"	3/8"
94453013	1/4"	1/2"
94453021	3/8"	1/2"
94453030	1/2"	1/2"
94453031	1/2"	5/8"

Male Stud Couplings



Part Ref	Thread	Tube OD
NPTF		
98453004	1/8"	6 mm
98453010	1/4"	6 mm
98453018	3/8"	6 mm
98453027	1/2"	6 mm
98453005	1/8"	8 mm
98453011	1/4"	8 mm
98453019	3/8"	8 mm
98453012	1/4"	10 mm
98453020	3/8"	10 mm
98453029	1/2"	10 mm
98453013	1/4"	12 mm
98453021	3/8"	12 mm
98453030	1/2"	12 mm
98453022	3/8"	16 mm
98453031	1/2"	16 mm

Part Ref	Thread	Tube OD
NPTF		
95453003	1/8"	3/16"
95453004	1/8"	1/4"
95453010	1/4"	1/4"
95453018	3/8"	1/4"
95453006	1/8"	3/8"
95453012	1/4"	3/8"
95453020	3/8"	3/8"
95453029	1/2"	3/8"
95453013	1/4"	1/2"
95453021	3/8"	1/2"
95453030	1/2"	1/2"
95453022	3/8"	5/8"
95453031	1/2"	5/8"
95453049	1/2"	3/4"

Blanking Plugs (Metric)

Part Ref	Tube OD
97050903	5 mm
97050904	6 mm
97050905	8 mm
97050906	10 mm
90750907	12 mm



Stud Elbow (Hobbs)



Part Ref	Thread	Tube OD
97413831	M10 x 1.0	6 mm
97413833	M12 x 1.5	6 mm
97413835	M16 x 1.5	6 mm
97413838	M22 x 1.5	6 mm
97413843	M12 x 1.5	8 mm
97413844	M14 x 1.5	8 mm
97413845	M16 x 1.5	8 mm
97413848	M22 x 1.5	8 mm
97413851	M10 x 1.0	10 mm
97413853	M12 x 1.5	10 mm
97413854	M14 x 1.5	10 mm
97413855	M16 x 1.5	10 mm
97413858	M22 x 1.5	10 mm
97413863	M12 x 1.5	12 mm
97413864	M14 x 1.5	12 mm
97413865	M16 x 1.5	12 mm
97413868	M22 x 1.5	12 mm
97413870	M22 x 1.5	15 mm
97413879	M16 x 1.5	16 mm
97413875	M22 x 1.5	16 mm
97413880	M22 x 1.5	18 mm

Part Ref	Thread	Tube OD
BSP Taper		
97433004	1/8"	6 mm
97433010	1/4"	6 mm
97433005	1/8"	8 mm
97433011	1/4"	8 mm
97433019	3/8"	8 mm
97433028	1/2"	8 mm
97433006	1/8"	10 mm
97433012	1/4"	10 mm
97433020	3/8"	10 mm
97433029	1/2"	10 mm
97433039	1/4"	11 mm
97433013	1/4"	12 mm
97433021	3/8"	12 mm
97433030	1/2"	12 mm

Part Ref	Thread	Tube OD
NPTF		
98433104	1/8"	6 mm
98433110	1/4"	6 mm
98433118	3/8"	6 mm
98433105	1/8"	8 mm
98433111	1/4"	8 mm
98433119	3/8"	8 mm
98433106	1/8"	10 mm
98433112	1/4"	10 mm
98433120	3/8"	10 mm
98433129	1/2"	10 mm
98433113	1/4"	12 mm
98433121	3/8"	12 mm
98433130	1/2"	12 mm
98433198	3/8"	16 mm
98433131	1/2"	16 mm

Stud Elbows



974330 Range



984331 Range

Swivel Elbow



Part Ref	Thread	Tube OD
97452133	M12 x 1.5	6 mm
97452135	M16 x 1.5	6 mm
97452144	M14 x 1.5	8 mm
97452145	M16 x 1.5	8 mm
97452153	M12 x 1.5	10 mm
97452154	M14 x 1.5	10 mm
97452155	M16 x 1.5	10 mm
97452197	M16 x 1.5	11 mm
97452165	M16 x 1.5	12 mm
97452168	M22 x 1.5	12 mm

The swivel feature should be used for positioning purposes only and
Should not be used as a rotating joint.

Stud Tee (Hobbs)



Part Ref	Thread	Tube OD
97443916	M12 x 1.5	10 mm
97443901	M16 x 1.5	10 mm
97443902	M22 x 1.5	10 mm
97443922	M24 x 1.5	10 mm
97443904	M16 x 1.5	12 mm
97443906	M22 x 1.5	12 mm
97443923	M24 x 1.5	12 mm

Side Tee (Hobbs)



Part Ref	Thread Male	Thread Female	Tube OD
97464101	M16 x 1.5	M16 x 1.5	10 mm
97464102	M22 x 1.5	M16 x 1.5	10 mm
97464106	M12 x 1.5	M12 x 1.5	10 mm
97464107	M16 x 1.5	M16 x 1.5	12 mm

Side Tee Adaptor (Hobbs)



Part Ref	Thread Male	Thread Female	Tube OD
97464605	M16 x 1.5	M16 x 1.5	10 mm
97464607	M22 x 1.5	M16 x 1.5	10 mm

Tee Adaptor (Hobbs)



Part Ref	Thread Male	Thread Female
36083201	M12 x 1.5	M12 x 1.5
36083202	M16 x 1.5	M16 x 1.5
36083203	M22 x 1.5	M22 x 1.5

Side Tee Adaptor (Hobbs)



Part Ref	Thread Male	Thread Female
36074306	M12 x 1.5	M12 x 1.5
36074301	M16 x 1.5	M16 x 1.5
36074305	M22 x 1.5	M22 x 1.5