

## 60 Series - Metric Swiftfit Stainless Fittings
























### Inch Tube

 <b>60000</b> Pg. 8.5	 <b>60000</b> Pg. 8.5	 <b>60110</b> Pg. 8.5	 <b>60110</b> Pg. 8.5	 <b>60111X</b> Pg. 8.6	 <b>60111X</b> Pg. 8.6	 <b>60210</b> Pg. 8.6	 <b>60210</b> Pg. 8.6	 <b>60211X</b> Pg. 8.7
 <b>60211X</b> Pg. 8.7	 <b>60040</b> Pg. 8.7	 <b>60050</b> Pg. 8.7	 <b>60130</b> Pg. 8.7	 <b>60130X</b> Pg. 8.8	 <b>60230</b> Pg. 8.8	 <b>60230X</b> Pg. 8.8	 <b>60310X</b> Pg. 8.8	

### Metric Tube

 <b>60020</b> Pg. 8.9	 <b>60030</b> Pg. 8.9	 <b>60115</b> Pg. 8.9	 <b>60115X</b> Pg. 8.9	 <b>60215</b> Pg. 8.10	 <b>60215X</b> Pg. 8.10	 <b>60005</b> Pg. 8.10	 <b>60110</b> Pg. 8.10	 <b>60111X</b> Pg. 8.11
 <b>60210</b> Pg. 8.11	 <b>60211X</b> Pg. 8.11	 <b>60040</b> Pg. 8.11	 <b>60050</b> Pg. 8.12	 <b>60130</b> Pg. 8.12	 <b>60130X</b> Pg. 8.12	 <b>60230</b> Pg. 8.13	 <b>60230X</b> Pg. 8.13	 <b>60310X</b> Pg. 8.13
 <b>60600</b> Pg. 8.13	 <b>60700</b> Pg. 8.13							

## 62 Series

 <b>62000</b> Pg. 8.14	 <b>62020</b> Pg. 8.14	 <b>62040</b> Pg. 8.14	 <b>62080</b> Pg. 8.14	 <b>62300</b> Pg. 8.15	 <b>62310</b> Pg. 8.15	 <b>62315</b> Pg. 8.15	 <b>62320</b> Pg. 8.15	 <b>62325</b> Pg. 8.15
 <b>62340</b> Pg. 8.16	 <b>62355</b> Pg. 8.16	 <b>62360</b> Pg. 8.16	 <b>62400</b> Pg. 8.16	 <b>62420</b> Pg. 8.17	 <b>62430</b> Pg. 8.17	 <b>62440</b> Pg. 8.17	 <b>62450</b> Pg. 8.17	 <b>62500</b> Pg. 8.17
 <b>62510</b> Pg. 8.18	 <b>62520</b> Pg. 8.18	 <b>62540</b> Pg. 8.18	 <b>62600</b> Pg. 8.18	 <b>62610</b> Pg. 8.18				

STAINLESS STEEL PUSH-TO-CONNECT  
FITTINGS AND ADAPTERS



**60-62 Series**

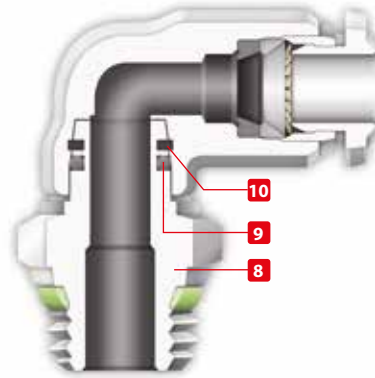
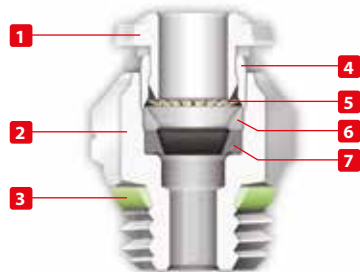
60000  
62000



**TECHNICAL CHARACTERISTICS**



**Reference Standard**



**Pressure Rating**

**Vacuum ~ 290 PSI**  
**-0.99 bar ~ 20 bar**  
**-0.099 MPa ~ 2.0 MPa**



**Temperatures Rating**

**FKM**  
**5° F ~ 392° F**  
**-15° C ~ 200° C**



**Media**

- Compressed Air
- Vacuum
- Water
- Steam



**Applications**

- Pneumatic Automation
- Automotive
- Textile, Packaging
- Compressed Air Circuit
- Vacuum



**Advantages**

- 1 The 316L Stainless Steel gripper ensures a tight clamp for tubes of any material without damaging the tube's surface. The secure connection between the tube and the fitting will hold up to severe conditions such as impact and vibrations.
- 2 The shape of the safety ring and the molded seal perfectly seal off the tube, creating a vacuum.
- 3 Series with several types of threads:  
**SWIFTFIT**  
**UNF**  
**BSPP**  
**BSPT**
- 4 All straight fittings can be tightened with an Allen wrench because of our internal hex design. This enables the end user to tighten the fitting in spaces too small for an openend wrench.
- 5 Our rotating Swivel Elbow fittings are equipped with a safety ring that enables the fitting to rotate without losing a tight seal.



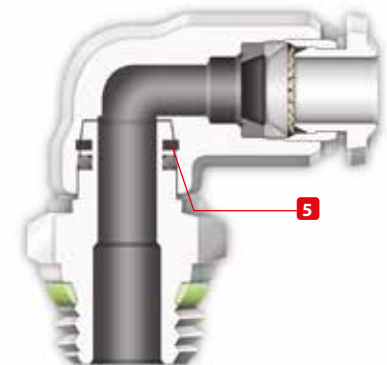
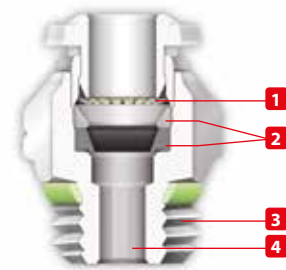
**Component Parts and Materials**

- 1 Stainless Steel Release Collet
- 2 Stainless Steel Body
- 3 FKM Thread Seal
- 4 Stainless Steel Sleeve
- 5 Stainless Steel Gripper
- 6 Technopolymer Safety Ring
- 7 FKM Molded Seal
- 8 Stainless Steel Thread Body
- 9 FKM Seal
- 10 Safety Ring



**Tubing Compatibility**

- Nylon 6 - 11 -12
- Polyethylene
- Polyurethane ("98 Shore A for best result)
- PTFE
- FEP

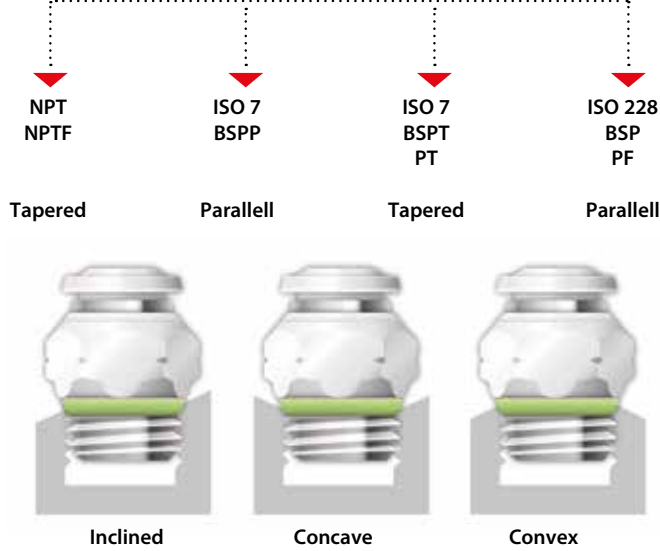




**THREADS & ADVANTAGES**



*One fitting... Endless possibilities*



Our **SWIFFIT** universal fittings also work on non-flat surfaces without compromising an air-tight seal.

The **SWIFFIT** Universal Thread has been designed to offer the following advantages to the end users:

- Reduced overall length
- Smaller hex dimensions compared to parallel threads
- Fits with various parallel and tapered threads
- All **SWIFFIT** fittings have been equipped with threads and an NBR thread seal that will universally connect to all thread types.

**Torque Specifications**

Recommended Torque		
Thread Size	Min.	Max.
1/8	5 Nm	7 Nm
1/4	5 Nm	7 Nm
3/8	5 Nm	7 Nm
1/2	5 Nm	7 Nm



**UNF Threads**



The **UNF** Thread has been designed to offer the following advantages to the end users:

- Standard USA design
- Designed for use in UNF connections with an integrated NBR o-ring that provides a perfect seal

**Torque Specifications**

Recommended Torque		
Thread Size	Min.	Breaking Torque
10/32	0.8 Nm	3.2 Nm



**BSPP Threads**



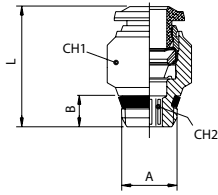
The **BSPP** Thread has been designed to offer the following advantages to the end users:

- Standard ISO 228 and ISO R/262
- Designed for use in BSPP connections with an integrated NBR o-ring that provides a perfect seal
- Completely reusable

**Torque Specifications**

Recommended Torque		
Thread Size	Min.	Breaking torque
M5	0.8 Nm	3.2 Nm
1/2	3 Nm	8 Nm
1/4	9 Nm	30 Nm
3/8	10 Nm	60 Nm
1/2	12 Nm	50 Nm

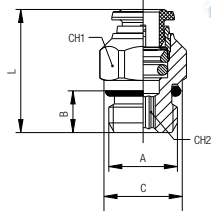
**60000**  
STRAIGHT MALE



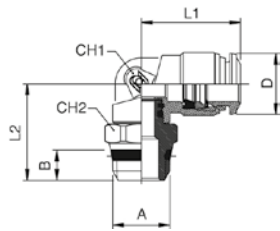
Part No.	Tube	A	B	L	CH1	CH2	C
*60000-53-32	5/32 (4)	10/32	.157 (4)	.826 (21)	.393 (10)	.078 (2)	.314 (8)
60000-53-02	5/32 (4)	1/8	.216 (5,5)	.708 (17,5)	.433 (11)	.118 (3)	-
60000-53-04	5/32 (4)	1/4	.275 (7)	.767 (19,5)	.551 (14)	.118 (3)	-
*60000-04-32	1/4	10/32	.157 (4)	.906 (23)	.472 (12)	.078 (2)	.472 (12)
60000-04-02	1/4	1/8	.334 (8,5)	.925 (23,5)	.511 (13)	.157 (4)	-
60000-04-04	1/4	1/4	.275 (7)	.807 (20,5)	.551 (14)	.157 (4)	-
60000-05-02	5/16 (8)	1/8	.216 (5,5)	.944 (24)	.551 (14)	.196 (5)	-
60000-05-04	5/16 (8)	1/4	.275 (7)	.846 (21,5)	.551 (14)	.236 (6)	-
60000-06-04	3/8	1/4	.275 (7)	1.279 (32,5)	.669 (17)	.275 (7)	-
60000-06-06	3/8	3/8	.295 (7,5)	1.161 (29,5)	.708 (18)	.275 (7)	-
60000-06-08	3/8	1/2	.354 (9)	1.003 (25,5)	.669 (17)	.314 (8)	-
60000-08-06	1/2	3/8	.295 (7,5)	1.220 (31)	.826 (21)	.354 (9)	-
60000-08-08	1/2	1/2	.354 (9)	1.220 (31)	.826 (21)	.393 (10)	-

\* For part numbers with 10-32 threads

**UNF**



**60110**  
SWIVEL ELBOW

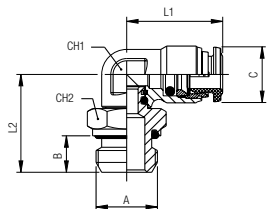


Part No.	Tube	A	B	L1	L2	CH1	CH2	D
*60110-53-32	5/32 (4)	10/32	.157 (4)	.708 (18)	.629 (16)	.354 (9)	.314 (8)	.394 (10)
60110-53-02	5/32 (4)	1/8	.216 (5,5)	.708 (18)	.688 (17,5)	.354 (9)	.511 (13)	.394 (10)
60110-53-04	5/32 (4)	1/4	.275 (7)	.708 (18)	.688 (17,5)	.354 (9)	.551 (14)	.394 (10)
60110-04-02	1/4	1/8	.216 (5,5)	.826 (21)	.748 (19)	.433 (11)	.511 (13)	.492 (12,5)
60110-04-04	1/4	1/4	.275 (7)	.826 (21)	.748 (19)	.433 (11)	.590 (15)	.492 (12,5)
60110-05-02	5/16 (8)	1/8	.216 (5,5)	.885 (22,5)	.826 (21)	.472 (12)	.511 (13)	.571 (14,5)
60110-05-04	5/16 (8)	1/4	.275 (7)	.885 (22,5)	.826 (21)	.472 (12)	.590 (15)	.571 (14,5)
60110-06-04	3/8	1/4	.275 (7)	1.023 (26)	.984 (25)	.629 (16)	.629 (16)	.689 (17,5)
60110-06-06	3/8	3/8	.295 (7,5)	1.023 (26)	.925 (23,5)	.629 (16)	.669 (17)	.689 (17,5)
60110-06-08	3/8	1/2	.354 (9)	1.023 (26)	1.023 (26)	.629 (16)	.826 (21)	.689 (17,5)
60110-08-06	1/2	3/8	.295 (7,5)	1.200 (30,5)	1.003 (25,5)	.748 (19)	.787 (20)	.807 (20,5)
60110-08-08	1/2	1/2	.354 (9)	1.200 (30,5)	1.102 (28)	.748 (19)	.826 (21)	.807 (20,5)

**UNTIL THE END STOCK**

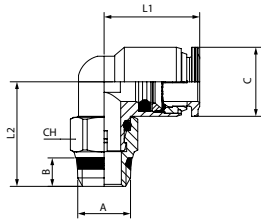
\* For part numbers with 10-32 threads

**UNF**



**60111X**

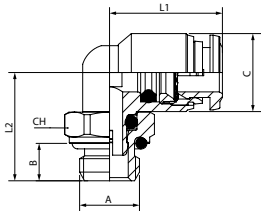
SWIVEL ELBOW



Part No.	Tube	A	B	C	L1	L2	CH
*60111X-53-32	5/32 (4)	10/32	0,157 (4)	0,394 (10)	0,61 (15,5)	0,63 (16)	0,315 (8)
60111X-53-02	5/32 (4)	1/8	0,217 (5,5)	0,394 (10)	0,61 (15,5)	0,61 (15,5)	0,433 (11)
60111X-53-04	5/32 (4)	1/4	0,276 (7)	0,394 (10)	0,61 (15,5)	0,689 (17,5)	0,591 (15)
60111X-04-02	1/4	1/8	0,217 (5,5)	0,492 (12,5)	0,709 (18)	0,669 (17)	0,433 (11)
60111X-04-04	1/4	1/4	0,276 (7)	0,492 (12,5)	0,709 (18)	0,748 (19)	0,591 (15)
60111X-05-02	5/16 (8)	1/8	0,217 (5,5)	0,571 (14,5)	0,787 (20)	0,846 (21,5)	0,472 (12)
60111X-05-04	5/16 (8)	1/4	0,276 (7)	0,571 (14,5)	0,787 (20)	0,846 (21,5)	0,591 (15)
60111X-06-04	3/8	1/4	0,276 (7)	0,669 (17)	0,925 (23,5)	1,004 (25,5)	0,591 (15)
60111X-06-06	3/8	3/8	0,295 (7,5)	0,669 (17)	0,925 (23,5)	0,925 (23,5)	0,669 (17)
60111X-06-08	3/8	1/2	0,354 (9)	0,669 (17)	0,925 (23,5)	1,063 (27)	0,827 (21)
60111X-08-06	1/2	3/8	0,295 (7,5)	0,807 (20,5)	1,083 (27,5)	1,024 (26)	0,669 (17)
60111X-08-08	1/2	1/2	0,354 (9)	0,807 (20,5)	1,083 (27,5)	1,063 (27)	0,827 (21)

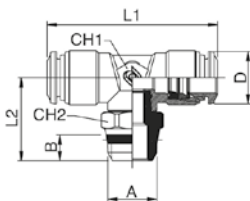
\* For part numbers with 10-32 threads

UNF



**60210**

SWIVEL BRANCH TEE

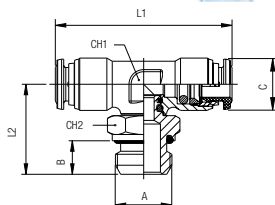


Part No.	Tube	A	B	L1	L2	CH1	CH2	D
*60210-53-32	5/32 (4)	10/32	.157 (4)	1.417 (36)	.629 (16)	.354 (9)	.314 (8)	.394 (10)
60210-53-02	5/32 (4)	1/8	.216 (5,5)	1.417 (36)	.688 (17,5)	.354 (9)	.511 (13)	.394 (10)
60210-53-04	5/32 (4)	1/4	.275 (7)	1.417 (36)	.688 (17,5)	.354 (9)	.590 (15)	.394 (10)
60210-04-02	1/4	1/8	.216 (5,5)	1.653 (42)	.748 (19)	.433 (11)	.511 (13)	.492 (12,5)
60210-04-04	1/4	1/4	.275 (7)	1.653 (42)	.748 (19)	.433 (11)	.590 (15)	.492 (12,5)
60210-05-02	5/16 (8)	1/8	.216 (5,5)	1.771 (45)	.826 (21)	.472 (12)	.511 (13)	.571 (14,5)
60210-05-04	5/16 (8)	1/4	.275 (7)	1.771 (45)	.826 (21)	.472 (12)	.590 (15)	.571 (14,5)
60210-06-04	3/8	1/4	.275 (7)	2.047 (52)	.984 (25)	.629 (16)	.629 (16)	.689 (17,5)
60210-06-06	3/8	3/8	.295 (7,5)	2.047 (52)	.925 (23,5)	.629 (16)	.669 (17)	.689 (17,5)
60210-06-08	3/8	1/2	.354 (9)	2.047 (52)	1.023 (26)	.629 (16)	.826 (21)	.689 (17,5)
60210-08-06	1/2	3/8	.295 (7,5)	2.381 (60,5)	1.003 (25,5)	.748 (19)	.787 (20)	.807 (20,5)
60210-08-08	1/2	1/2	.354 (9)	2.381 (60,5)	1.102 (28)	.748 (19)	.826 (21)	.807 (20,5)

UNTIL THE END STOCK

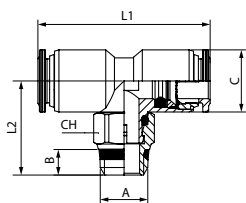
\* For part numbers with 10-32 threads

UNF



**60211X**

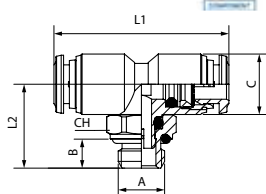
SWIVEL BRANCH TEE



Part No.	Tube	A	B	C	L1	L2	CH
*60211X-53-32	5/32 (4)	10/32	0,157 (4)	0,394 (10)	1,201 (30,5)	0,63 (16)	0,315 (8)
60211X-53-02	5/32 (4)	1/8	0,217 (5,5)	0,394 (10)	1,201 (30,5)	0,61 (15,5)	0,433 (11)
60211X-53-04	5/32 (4)	1/4	0,276 (7)	0,394 (10)	1,201 (30,5)	0,689 (17,5)	0,591 (15)
60211X-04-02	1/4	1/8	0,217 (5,5)	0,492 (12,5)	1,417 (36)	0,669 (17)	0,433 (11)
60211X-04-04	1/4	1/4	0,276 (7)	0,492 (12,5)	1,417 (36)	0,748 (19)	0,591 (15)
60211X-05-02	5/16 (8)	1/8	0,217 (5,5)	0,571 (14,5)	1,575 (40)	0,846 (21,5)	0,472 (12)
60211X-05-04	5/16 (8)	1/4	0,276 (7)	0,571 (14,5)	1,575 (40)	0,846 (21,5)	0,591 (15)
60211X-06-04	3/8	1/4	0,276 (7)	0,669 (17)	1,85 (47)	1,004 (25,5)	0,591 (15)
60211X-06-06	3/8	3/8	0,295 (7,5)	0,669 (17)	1,85 (47)	0,925 (23,5)	0,669 (17)
60211X-06-08	3/8	1/2	0,354 (9)	0,669 (17)	1,85 (47)	1,063 (27)	0,827 (21)
60211X-08-06	1/2	3/8	0,295 (7,5)	0,807 (20,5)	2,165 (55)	1,024 (26)	0,669 (17)
60211X-08-08	1/2	1/2	0,354 (9)	0,807 (20,5)	2,165 (55)	1,063 (27)	0,827 (21)

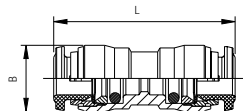
\* For part numbers with 10-32 threads

UNF



**60040**

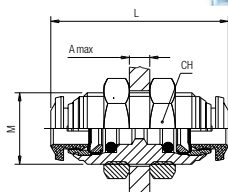
UNION



Part No.	Tube	L	B
60040-53	5/32 (4)	1.220 (31)	.393 (10)
60040-04	1/4	1.377 (35)	.492 (12,5)
60040-05	5/16 (8)	1.437 (36,5)	.570 (14,5)
60040-06	3/8	1.653 (42)	.688 (17,5)
60040-08	1/2	1.889 (48)	.807 (20,5)

**60050**

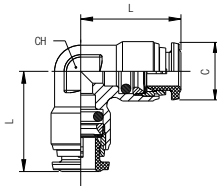
BULKHEAD UNION



Part No.	Tube	M	L	CH	A max
60050-53	5/32 (4)	M12x1	1.220 (31)	.669 (17)	.275 (7)
60050-04	1/4	M14x1	1.377 (35)	.669 (17)	.354 (9)
60050-05	5/16 (8)	M16x1	1.456 (37)	.748 (19)	.413 (10,5)
60050-06	3/8	M20x1	1.653 (42)	1.023 (26)	.492 (12,5)
60050-08	1/2	M22x1	1.889 (48)	1.023 (26)	.649 (16,5)

**60130**

UNION ELBOW

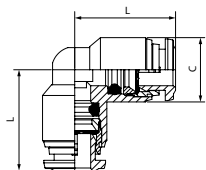


Part No.	Tube	L	CH	C
60130-53	5/32 (4)	.708 (18)	.354 (9)	.394 (10)
60130-04	1/4	.826 (21)	.433 (11)	.492 (12,5)
60130-05	5/16 (8)	.885 (22,5)	.472 (12)	.571 (14,5)
60130-06	3/8	1.023 (26)	.629 (16)	.688 (17,5)
60130-08	1/2	1.200 (30,5)	.748 (19)	.807 (20,5)

UNTIL THE END STOCK

**60130X**

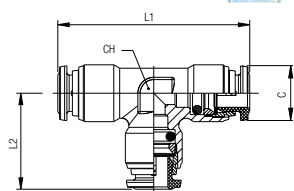
UNION ELBOW



Part No.	Tube	C	L
60130X-53	5/32 (4)	0,394 (10)	0,63 (16)
60130X-04	1/4	0,492 (12,5)	0,768 (19,5)
60130X-05	5/16 (8)	0,571 (14,5)	0,827 (21)
60130X-06	3/8	0,669 (17)	0,098 (2,5)
60130X-08	1/2	0,807 (20,5)	1,142 (29)

**60230**

UNION TEE

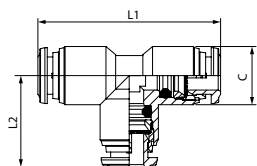


Part No.	Tube	L1	L2	CH	C
60230-53	5/32 (4)	1.417 (36)	.708 (18)	.354 (9)	.394 (10)
60230-04	1/4	1.653 (42)	.826 (21)	.433 (11)	.492 (12,5)
60230-05	5/16 (8)	1.771 (45)	.885 (22,5)	.472 (12)	.571 (14,5)
60230-06	3/8	2.047 (52)	1.023 (26)	.629 (16)	.689 (17,5)
60230-08	1/2	2.381 (60,5)	1.200 (30,5)	.748 (19)	.807 (20,5)

UNTIL THE END STOCK

**60230X**

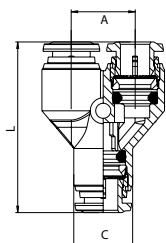
UNION TEE



Part No.	Tube	C	L1	L2
60230X-53	5/32 (4)	0,394 (10)	1,26 (32)	0,63 (16)
60230X-04	1/4	0,492 (12,5)	1,535 (39)	0,768 (19,5)
60230X-05	5/16 (8)	0,571 (14,5)	1,654 (42)	0,827 (21)
60230X-06	3/8	0,669 (17)	1,929 (49)	0,965 (24,5)
60230X-08	1/2	0,807 (20,5)	2,264 (57,5)	1,142 (29)

**60310X**

UNION TEE

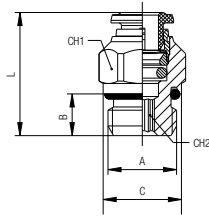


Part No.	Tube	L	A	C
60310X-53	5/32 (4)	.433 (11)	.394 (10)	1.22 (31)
60310X-05	5/16 (8)	.61 (15,5)	.571 (14,5)	1.575 (40)



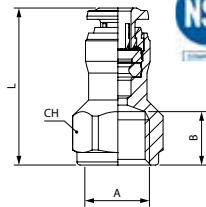
**316 STAINLESS STEEL PUSH-TO-CONNECT FOR METRIC TUBE**

**60020**  
STRAIGHT MALE



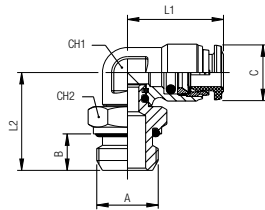
Part No.	Tube	A	B	C	L	CH1	CH2
60020-4-M5	5/32 (4)	M5	.157 (4)	.315 (8)	.787 (20)	.394 (10)	.079 (2)
60020-4-1/8	5/32 (4)	1/8	.236 (6)	.512 (13)	.768 (19,5)	.394 (10)	.118 (3)
60020-4-1/4	5/32 (4)	1/4	.315 (8)	.591 (15)	.768 (19,5)	.591 (15)	.118 (3)
60020-6-M5	6	M5	.157 (4)	.394 (10)	.906 (23)	.472 (12)	.079 (2)
60020-6-1/8	6	1/8	.236 (6)	.512 (13)	.925 (23,5)	.512 (13)	.157 (4)
60020-6-1/4	6	1/4	.315 (8)	.591 (15)	.925 (23,5)	.591 (15)	.157 (4)
60020-8-1/8	5/16 (8)	1/8	.236 (6)	.512 (13)	1.004 (25,5)	.551 (14)	.197 (5)
60020-8-1/4	5/16 (8)	1/4	.315 (8)	.591 (15)	.925 (23,5)	.591 (15)	.236 (6)
60020-10-1/4	10	1/4	.315 (8)	.630 (16)	1.181 (30)	.669 (17)	.315 (8)
60020-10-3/8	10	3/8	.354 (9)	.787 (20)	1.063 (27)	.669 (17)	.315 (8)
60020-10-1/2	10	1/2	.394 (10)	.669 (17)	1.181 (30)	.866 (22)	.315 (8)
60020-12-3/8	12	3/8	.354 (9)	.827 (21)	1.339 (34)	.827 (21)	.315 (8)
60020-12-1/2	12	1/2	.394 (10)	.984 (25)	1.22 (31)	.866 (22)	.394 (10)
60020-14-1/2	14	1/2	.394 (10)	.984 (25)	1.26 (32)	.866 (22)	.433 (11)
60020-16-3/8	16	3/8	.354 (9)	.945 (24)	1.417 (36)	.945 (24)	.394 (10)
60020-16-1/2	16	1/2	.394 (10)	.984 (25)	1.457 (37)	.984 (25)	.472 (12)

**60030**  
STRAIGHT FEMALE



Part No.	Tube	A	B	L	CH
60030-4-1/8	5/32 (4)	1/8	.334 (8,5)	.984 (25)	.512 (13)
60030-6-1/8	6	1/8	.334 (8,5)	1.024 (26)	.512 (13)
60030-6-1/4	6	1/4	.433 (11)	1.161 (29,5)	.630 (16)
60030-8-1/8	5/16 (8)	1/8	.334 (8,5)	1.063 (27)	.591 (15)
60030-8-1/4	5/16 (8)	1/4	.433 (11)	1.161 (29,5)	.669 (17)

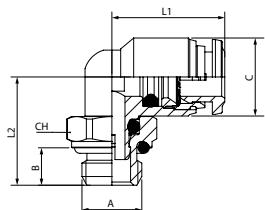
**60115**  
SWIVEL ELBOW



Part No.	Tube	A	B	C	L1	L2	CH1	CH2
60115-4-M5	5/32 (4)	M5	.157 (4)	.394 (10)	.709 (18)	.591 (15)	.354 (9)	.315 (8)
60115-4-1/8	5/32 (4)	1/8	.236 (6)	.394 (10)	.709 (18)	.669 (17)	.354 (9)	.512 (13)
60115-4-1/4	5/32 (4)	1/4	.315 (8)	.394 (10)	.709 (18)	.768 (19,5)	.354 (9)	.591 (15)
60115-6-M5	6	M5	.157 (4)	.492 (12,5)	.827 (21)	.709 (18)	.433 (11)	.394 (10)
60115-6-1/8	6	1/8	.236 (6)	.492 (12,5)	.827 (21)	.748 (19)	.433 (11)	.512 (13)
60115-6-1/4	6	1/4	.315 (8)	.492 (12,5)	.827 (21)	.846 (21,5)	.433 (11)	.591 (15)
60115-8-1/8	5/16 (8)	1/8	.236 (6)	.571 (14,5)	.886 (22,5)	.768 (19,5)	.472 (12)	.512 (13)
60115-8-1/4	5/16 (8)	1/4	.315 (8)	.571 (14,5)	.886 (22,5)	.846 (21,5)	.472 (12)	.591 (15)
60115-10-1/4	10	1/4	.315 (8)	.689 (17,5)	1.024 (26)	.906 (23)	.630 (16)	.591 (15)
60115-10-3/8	10	3/8	.354 (9)	.689 (17,5)	1.024 (26)	1.043 (26,5)	.630 (16)	.827 (21)
60115-10-1/2	10	1/2	.394 (10)	.689 (17,5)	1.024 (26)	1.142 (29)	.630 (16)	.866 (22)
60115-12-3/8	12	3/8	.354 (9)	.807 (20,5)	1.201 (30,5)	1.142 (29)	.748 (19)	.827 (21)
60115-12-1/2	12	1/2	.394 (10)	.807 (20,5)	1.201 (30,5)	1.240 (31,5)	.748 (19)	.866 (22)

UNTIL THE END STOCK

**60115X**  
SWIVEL ELBOW

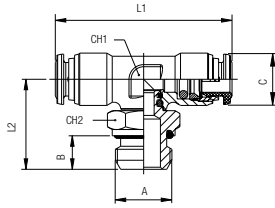


Part No.	Tube	A	B	C	L1	L2	CH
60115X-4-M5	5/32 (4)	M5	.157 (4)	.394 (10)	.61 (15,5)	.63 (16)	.315 (8)
60115X-4-1/8	5/32 (4)	1/8	.236 (6)	.394 (10)	.61 (15,5)	.63 (16)	.512 (13)
60115X-4-1/4	5/32 (4)	1/4	.315 (8)	.394 (10)	.61 (15,5)	.728 (18,5)	.591 (15)
60115X-6-M5	6	M5	.157 (4)	.492 (12,5)	.709 (18)	.689 (17,5)	.315 (8)
60115X-6-1/8	6	1/8	.236 (6)	.492 (12,5)	.709 (18)	.689 (17,5)	.512 (13)
60115X-6-1/4	6	1/4	.315 (8)	.492 (12,5)	.709 (18)	.787 (20)	.591 (15)
60115X-6-3/8	6	3/8	.354 (9)	.492 (12,5)	.709 (18)	.906 (23)	.787 (20)
60115X-8-1/8	5/16 (8)	1/8	.236 (6)	.571 (14,5)	.787 (20)	.906 (23)	.512 (13)
60115X-8-1/4	5/16 (8)	1/4	.315 (8)	.571 (14,5)	.787 (20)	.827 (21)	.591 (15)
60115X-8-3/8	5/16 (8)	3/8	.354 (9)	.571 (14,5)	.787 (20)	.945 (24)	.787 (20)
60115X-10-1/4	10	1/4	.315 (8)	.669 (17)	.925 (23,5)	1.083 (27,5)	.591 (15)
60115X-10-3/8	10	3/8	.354 (9)	.669 (17)	.925 (23,5)	.984 (25)	.787 (20)
60115X-10-1/2	10	1/2	.394 (10)	.669 (17)	.925 (23,5)	1.043 (26,5)	.984 (25)
60115X-12-3/8	12	3/8	.354 (9)	.807 (20,5)	1.083 (27,5)	1.201 (3,5)	.787 (20)
60115X-12-1/2	12	1/2	.394 (10)	.807 (20,5)	1.083 (27,5)	1.122 (28,5)	.984 (25)
60115X-14-1/2	14	1/2	.394 (10)	.846 (21,5)	1.083 (27,5)	1.299 (33)	.984 (25)
60115X-16-1/2	16	1/2	.394 (10)	.945 (24)	1.299 (33)	1.417 (36)	.984 (25)

**60215**

SWIVEL BRANCH TEE

**BSPP**



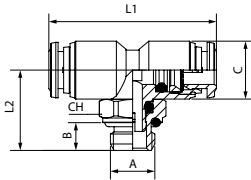
Part No.	Tube	A	B	C	L1	L2	CH1	CH2
60215-4-M5	5/32 (4)	M5	.157 (4)	.394 (10)	1.417 (36)	.591 (15)	.354 (9)	.315 (8)
60215-4-1/8	5/32 (4)	1/8	.236 (6)	.394 (10)	1.417 (36)	.709 (18)	.354 (9)	.512 (13)
60215-4-1/4	5/32 (4)	1/4	.315 (8)	.394 (10)	1.417 (36)	.807 (20,5)	.354 (9)	.591 (15)
60215-6-1/8	6	1/8	.236 (6)	.492 (12,5)	1.654 (42)	.748 (19)	.433 (11)	.512 (13)
60215-6-1/4	6	1/4	.315 (8)	.492 (12,5)	1.654 (42)	.846 (21,5)	.433 (11)	.591 (15)
60215-8-1/8	5/16 (8)	1/8	.236 (6)	.571 (14,5)	1.772 (45)	.787 (20)	.472 (12)	.512 (13)
60215-8-1/4	5/16 (8)	1/4	.315 (8)	.571 (14,5)	1.772 (45)	.866 (22)	.472 (12)	.591 (15)
60215-10-1/4	10	1/4	.315 (8)	.689 (17,5)	2.047 (52)	.925 (23,5)	.630 (16)	.591 (15)
60215-10-3/8	10	3/8	.354 (9)	.689 (17,5)	2.047 (52)	1.063 (27)	.630 (16)	.827 (21)
60215-10-1/2	10	1/2	.394 (10)	.689 (17,5)	2.047 (52)	1.161 (29,5)	.630 (16)	.866 (22)
60215-12-3/8	12	3/8	.354 (9)	.807 (20,5)	2.402 (61)	1.142 (29)	.748 (19)	.827 (21)
60215-12-1/2	12	1/2	.394 (10)	.807 (20,5)	2.402 (61)	1.240 (31,5)	.748 (19)	.866 (22)

UNTIL THE END STOCK

**60215X**

SWIVEL BRANCH TEE

**BSPP**

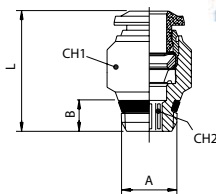


Part No.	Tube	A	B	C	L1	L2	CH
60215X-4-M5	5/32 (4)	M5	.157 (4)	.394 (10)	1.201 (30,5)	.63 (16)	.315 (8)
60215X-4-1/8	5/32 (4)	1/8	.236 (6)	.394 (10)	1.201 (30,5)	.63 (16)	.512 (13)
60215X-4-1/4	5/32 (4)	1/4	.315 (8)	.394 (10)	1.201 (30,5)	.728 (18,5)	.591 (15)
60215X-6-M5	6	M5	.157 (4)	.492 (12,5)	1.417 (36)	.689 (17,5)	.315 (8)
60215X-6-1/8	6	1/8	.236 (6)	.492 (12,5)	1.417 (36)	.689 (17,5)	.512 (13)
60215X-6-1/4	6	1/4	.315 (8)	.492 (12,5)	1.417 (36)	.787 (20)	.591 (15)
60215X-8-1/8	5/16 (8)	1/8	.236 (6)	.571 (14,5)	1.575 (40)	.906 (23)	.512 (13)
60215X-8-1/4	5/16 (8)	1/4	.315 (8)	.571 (14,5)	1.575 (40)	.827 (21)	.591 (15)
60215X-10-1/4	10	1/4	.315 (8)	.669 (17)	1.85 (47)	1.083 (27,5)	.591 (15)
60215X-10-3/8	10	3/8	.354 (9)	.669 (17)	1.85 (47)	.984 (25)	.787 (20)
60215X-10-1/2	10	1/2	.394 (10)	.669 (17)	1.85 (47)	1.043 (26,5)	.984 (25)
60215X-12-3/8	12	3/8	.354 (9)	.807 (20,5)	2.165 (55)	1.201 (30,5)	.787 (20)
60215X-12-1/2	12	1/2	.394 (10)	.807 (20,5)	2.165 (55)	1.122 (28,5)	.984 (25)
60215X-14-1/2	14	1/2	.394 (10)	.846 (21,5)	2.185 (55,5)	1.299 (33)	.984 (25)
60215X-16-1/2	16	1/2	.394 (10)	.945 (24)	2.80 (65,5)	1.437 (36,5)	.984 (25)

**60005**

STRAIGHT MALE

**SWIFTFIT**  
Universal Thread

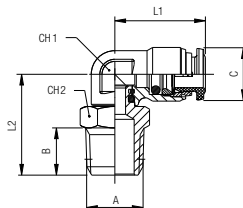


Part No.	Tube	A	B	L	CH1	CH2
60000-53-02	5/32 (4)	1/8	.216 (5,5)	.708 (17,5)	.433 (11)	.118 (3)
60000-53-04	5/32 (4)	1/4	.275 (7)	.767 (19,5)	.551 (14)	.118 (3)
60005-6-1/8	6	1/8	.334 (8,5)	.925 (23,5)	.511 (13)	.157 (4)
60005-6-1/4	6	1/4	.275 (7)	.807 (20,5)	.551 (14)	.157 (4)
60000-05-02	5/16 (8)	1/8	.216 (5,5)	.944 (24)	.551 (14)	.196 (5)
60000-05-04	5/16 (8)	1/4	.275 (7)	.846 (21,5)	.551 (14)	.236 (6)
60005-10-1/4	10	1/4	.275 (7)	1.279 (32,5)	.669 (17)	.275 (7)
60005-10-3/8	10	3/8	.295 (7,5)	1.161 (29,5)	.708 (18)	.275 (7)
60005-10-1/2	10	1/2	.354 (9)	1.024 (26)	.826 (21)	.815 (8)
60005-12-3/8	12	3/8	.295 (7,5)	1.220 (31)	.826 (21)	.354 (9)
60005-12-1/2	12	1/2	.354 (9)	1.220 (31)	.826 (21)	.393 (10)

**60110**

SWIVEL ELBOW

**BSPT**

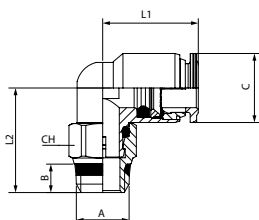


Part No.	Tube	A	B	C	L1	L2	CH1	CH2
60110-4-1/8	5/32 (4)	1/8	.394 (10)	.295 (7,5)	.709 (18)	.689 (17,5)	.354 (9)	.433 (11)
60110-4-1/4	5/32 (4)	1/4	.394 (10)	.433 (11)	.709 (18)	.846 (21,5)	.354 (9)	.551 (14)
60110-6-1/8	6	1/8	.492 (12,5)	.295 (7,5)	.827 (21)	.768 (19,5)	.433 (11)	.433 (11)
60110-6-1/4	6	1/4	.492 (12,5)	.433 (11)	.827 (21)	.925 (23,5)	.433 (11)	.551 (14)
60110-8-1/8	5/16 (8)	1/8	.571 (14,5)	.295 (7,5)	.886 (22,5)	.787 (20)	.472 (12)	.433 (11)
60110-8-1/4	5/16 (8)	1/4	.571 (14,5)	.433 (11)	.886 (22,5)	.945 (24)	.472 (12)	.551 (14)
60110-10-1/4	10	1/4	.689 (17,5)	.433 (11)	1.024 (26)	1.004 (25,5)	.630 (16)	.669 (17)
60110-10-3/8	10	3/8	.689 (17,5)	.453 (11,5)	1.024 (26)	1.063 (27)	.630 (16)	.669 (17)
60110-10-1/2	10	1/2	.689 (17,5)	.551 (14)	1.024 (26)	1.201 (30,5)	.630 (16)	.866 (22)
60110-12-3/8	12	3/8	.807 (20,5)	.453 (11,5)	1.201 (30,5)	1.201 (30,5)	.748 (19)	.709 (18)
60110-12-1/2	12	1/2	.807 (20,5)	.551 (14)	1.201 (30,5)	1.299 (33)	.748 (19)	.866 (22)

UNTIL THE END STOCK

**60111X**

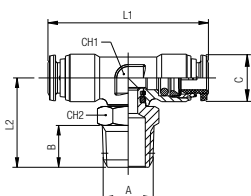
SWIVEL ELBOW



Part No.	Tube	A	B	C	L1	L2	CH
60111X-53-02	5/32 (4)	1/8	0,217 (5,5)	0,394 (10)	0,61 (15,5)	0,61 (15,5)	0,433 (11)
60111X-53-04	5/32 (4)	1/4	0,276 (7)	0,394 (10)	0,61 (15,5)	0,689 (17,5)	0,591 (15)
60111X-6-1/8	6	1/8	0,217 (5,5)	0,492 (12,5)	0,709 (18)	0,669 (17)	0,433 (11)
60111X-6-1/4	6	1/4	0,276 (7)	0,492 (12,5)	0,709 (18)	0,748 (19)	0,591 (15)
60111X-05-02	5/16 (8)	1/8	0,217 (5,5)	0,571 (14,5)	0,787 (20)	0,846 (21,5)	0,472 (12)
60111X-05-04	5/16 (8)	1/4	0,276 (7)	0,571 (14,5)	0,787 (20)	0,846 (21,5)	0,591 (15)
60111X-10-1/4	10	1/4	0,276 (7)	0,669 (17)	0,925 (23,5)	1,004 (25,5)	0,591 (15)
60111X-10-3/8	10	3/8	0,295 (7,5)	0,669 (17)	0,925 (23,5)	0,925 (23,5)	0,669 (17)
60111X-10-1/2	10	1/2	0,354 (9)	0,669 (17)	0,925 (23,5)	1,063 (27)	0,827 (21)
60111X-12-3/8	12	3/8	0,295 (7,5)	0,807 (20,5)	1,083 (27,5)	1,024 (26)	0,669 (17)
60111X-12-1/2	12	1/2	0,354 (9)	0,807 (20,5)	1,083 (27,5)	1,063 (27)	0,827 (21)

**60210**

SWIVEL BRANCH TEE

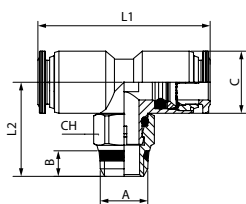


Part No.	Tube	A	B	C	L1	L2	CH1	CH2
60210-4-1/8	5/32 (4)	1/8	.295 (7,5)	.394 (10)	1.417 (36)	.728 (18,5)	.354 (9)	.433 (11)
60210-4-1/4	5/32 (4)	1/4	.433 (11)	.394 (10)	1.417 (36)	.886 (22,5)	.354 (9)	.551 (14)
60210-6-1/8	6	1/8	.295 (7,5)	.492 (12,5)	1.654 (42)	.768 (19,5)	.433 (11)	.433 (11)
60210-6-1/4	6	1/4	.433 (11)	.492 (12,5)	1.654 (42)	.925 (23,5)	.433 (11)	.551 (14)
60210-8-1/8	5/16 (8)	1/8	.295 (7,5)	.571 (14,5)	1.772 (45)	.807 (20,5)	.472 (12)	.433 (11)
60210-8-1/4	5/16 (8)	1/4	.433 (11)	.571 (14,5)	1.772 (45)	.965 (24,5)	.472 (12)	.551 (14)
60210-10-1/4	10	1/4	.433 (11)	.689 (17,5)	2.047 (52)	1.024 (26)	.630 (16)	.551 (14)
60210-10-3/8	10	3/8	.453 (11,5)	.689 (17,5)	2.047 (52)	1.083 (27,5)	.630 (16)	.669 (17)
60210-10-1/2	10	1/2	.551 (14)	.689 (17,5)	2.047 (52)	1.220 (31)	.630 (16)	.866 (22)
60210-12-3/8	12	3/8	.453 (11,5)	.807 (20,5)	2.402 (61)	1.201 (30,5)	.748 (19)	.709 (18)
60210-12-1/2	12	1/2	.551 (14)	.807 (20,5)	2.402 (61)	1.299 (33)	.748 (19)	.866 (22)

UNTIL THE END STOCK

**60211X**

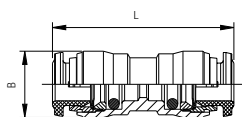
SWIVEL BRANCH TEE



Part No.	Tube	A	B	C	L1	L2	CH
60211X-53-02	5/32 (4)	1/8	0,217 (5,5)	0,394 (10)	1,201 (30,5)	0,61 (15,5)	0,433 (11)
60211X-53-04	5/32 (4)	1/4	0,276 (7)	0,394 (10)	1,201 (30,5)	0,689 (17,5)	0,591 (15)
60211X-6-1/8	6	1/8	0,217 (5,5)	0,492 (12,5)	1,417 (36)	0,669 (17)	0,433 (11)
60211X-6-1/4	6	1/4	0,276 (7)	0,492 (12,5)	1,417 (36)	0,748 (19)	0,591 (15)
60211X-05-02	5/16 (8)	1/8	0,217 (5,5)	0,571 (14,5)	1,575 (40)	0,846 (21,5)	0,472 (12)
60211X-05-04	5/16 (8)	1/4	0,276 (7)	0,571 (14,5)	1,575 (40)	0,846 (21,5)	0,591 (15)
60211X-10-1/4	10	1/4	0,276 (7)	0,669 (17)	1,85 (47)	1,004 (25,5)	0,591 (15)
60211X-10-3/8	10	3/8	0,295 (7,5)	0,669 (17)	1,85 (47)	0,925 (23,5)	0,669 (17)
60211X-10-1/2	10	1/2	0,354 (9)	0,669 (17)	1,85 (47)	1,063 (27)	0,827 (21)
60211X-12-3/8	12	3/8	0,295 (7,5)	0,807 (20,5)	2,165 (55)	1,024 (26)	0,669 (17)
60211X-12-1/2	12	1/2	0,354 (9)	0,807 (20,5)	2,165 (55)	1,063 (27)	0,827 (21)

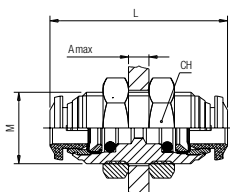
**60040**

UNION



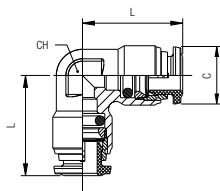
Part No.	Tube	L	B
60040-53	5/32(4)	1.22 (31)	.413 (10,5)
60040-6-53	6-5/32(4)	1.22 (31)	.492 (12,5)
60040-6	6	1.378 (35)	.492 (12,5)
60040-05-6	5/16(8)-6	1.358 (34,5)	.571 (14,5)
60040-05	5/16(8)	1.437 (36,5)	.571 (14,5)
60040-10-05	10-5/16(8)	1.496 (38)	.689 (17,5)
60040-10	10	1.654 (42)	.689 (17,5)
60040-12-10	12-10	1.732 (44)	.807 (20,5)
60040-12	12	1.89 (48)	.807 (20,5)
60040-14	14	1.752 (44,5)	.846 (21,5)
60040-16-12	16-12	2.067 (52,5)	.944 (24)
60040-16-16	16-16	2.107 (53,5)	.944 (24)

**60050**  
BULKHEAD UNION



Part No.	Tube	M	L	CH	A max
60050-53	5/32 (4)	M12x1	1.220 (31)	.669 (17)	.275 (7)
60050-6	6	M14x1	1.377 (35)	.669 (17)	.374 (9,5)
60050-05	5/16 (8)	M16x1	1.456 (37)	.748 (19)	.413 (10,5)
60050-10	10	M20x1	1.653 (42)	1.023 (26)	.492 (12,5)
60050-12	12	M22x1	1.889 (48)	1.023 (26)	.649 (16,5)
60050-16	16	M27x1,5	2.107 (53,5)	1.62 (32)	.414 (10,5)

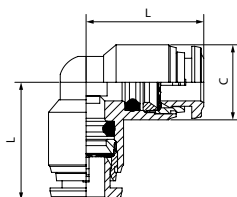
**60130**  
UNION ELBOW



Part No.	Tube	L	CH	C
60130-53	5/32 (4)	.708 (18)	.354 (9)	.394 (10)
60130-6	6	.826 (21)	.433 (11)	.492 (12,5)
60130-05	5/16 (8)	.885 (22,5)	.472 (12)	.571 (14,5)
60130-10	10	1.023 (26)	.629 (16)	.688 (17,5)
60130-12	12	1.200 (30,5)	.748 (19)	.807 (20,5)

UNTIL THE END STOCK

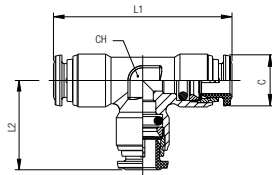
**60130X**  
UNION ELBOW



Part No.	Tube	CH	C
60130X-53	5/32 (4)	.394 (10)	.63 (16)
60130X-6	6	.492 (12,5)	.768 (19,5)
60130X-05	5/16 (8)	.571 (14,5)	.827 (21)
60130X-10	10	.669 (17)	.965 (24,5)
60130X-12	12	.807 (20,5)	1.142 (29)
60130X-14	14	.846 (21,5)	1.122 (28,5)
60130X-16	16	.944 (24)	1.299 (33)

**60230**

UNION TEE

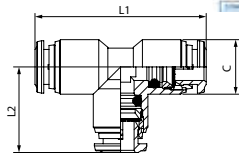


Part No.	Tube	L1	L2	CH	C
<b>60230-53</b>	<b>5/32 (4)</b>	1.417 (36)	.708 (18)	.354 (9)	.394 (10)
<b>60230-6</b>	<b>6</b>	1.653 (42)	.826 (21)	.433 (11)	.492 (12,5)
<b>60230-05</b>	<b>5/16 (8)</b>	1.771 (45)	.885 (22,5)	.472 (12)	.571 (14,5)
<b>60230-10</b>	<b>10</b>	2.047 (52)	1.023 (26)	.630 (16)	.689 (17,5)
<b>60230-12</b>	<b>12</b>	2.381 (60,5)	1.200 (30,5)	.748 (19)	.807 (20,5)

UNTIL THE END STOCK

**60230X**

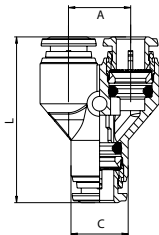
UNION TEE



Part No.	Tube	L1	L2	C
<b>60230X-53</b>	<b>5/32 (4)</b>	.394 (10)	1.26 (32)	.630 (16)
<b>60230X-6</b>	<b>6</b>	.492 (12,5)	1.535 (39)	.768 (19,5)
<b>60230X-05</b>	<b>5/16 (8)</b>	.571 (14,5)	1.654 (42)	.827 (21)
<b>60230X-10</b>	<b>10</b>	.669 (17)	1.929 (49)	.965 (24,5)
<b>60230X-12</b>	<b>12</b>	.807 (20,5)	2.264 (57,5)	1.142 (29)
<b>60230X-14</b>	<b>14</b>	.846 (21,5)	2.264 (57,5)	1.122 (28,5)
<b>60230X-16</b>	<b>16</b>	.945 (24)	2.80 (65,5)	1.299 (33)

**60310X**

UNION TEE

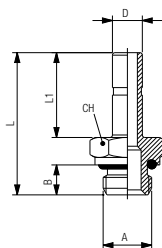


Part No.	Tube	L	A	C
<b>60310X-53</b>	<b>5/32(4)</b>	.433 (11)	.394 (10)	1.22 (31)
<b>60310X-6</b>	<b>6</b>	.531 (13,5)	.492 (12,5)	1.417 (36)
<b>60310X-05</b>	<b>5/16(8)</b>	.61 (15,5)	.571 (14,5)	1.575 (40)
<b>60310X-10</b>	<b>10</b>	1.870 (47,5)	.729 (18,5)	.669 (17)
<b>60310X-12</b>	<b>12</b>	2.224 (56,5)	.846 (21,5)	.807 (20,5)
<b>60310X-16</b>	<b>16</b>	2.442 (62)	.984 (25)	.945 (24)

**60600**

STANDPIPE

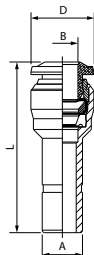
**BSPP**



Part No.	D	A	B	L	L1	CH
<b>60600-6-1/8</b>	<b>6</b>	<b>1/8</b>	.236 (6)	1.122 (28,5)	.669 (17)	.512 (13)
<b>60600-8-1/4</b>	<b>5/16 (8)</b>	<b>1/4</b>	.315 (8)	1.240 (31,5)	.709 (18)	.630 (16)
<b>60600-10-1/4</b>	<b>10</b>	<b>1/4</b>	.315 (8)	1.398 (35,5)	.866 (22)	.630 (16)
<b>60600-10-3/8</b>	<b>10</b>	<b>3/8</b>	.354 (9)	1.476 (37,5)	.866 (22)	.787 (20)
<b>60600-12-3/8</b>	<b>12</b>	<b>3/8</b>	.354 (9)	1.575 (40)	.965 (24,5)	.787 (20)
<b>60600-12-1/2</b>	<b>12</b>	<b>1/2</b>	.394 (10)	1.673 (42,5)	.965 (24,5)	.945 (24)

**60700**

TUBE REDUCER



Code	A	B	L	D
<b>60700-6-4</b>	<b>6</b>	<b>5/32(4)</b>	1.201 (30,5)	.414 (10,5)
<b>60700-8-4</b>	<b>5/16 (8)</b>	<b>5/32(4)</b>	1.299 (33)	.414 (10,5)
<b>60700-8-6</b>	<b>5/16 (8)</b>	<b>6</b>	1.339 (34)	.492 (12,5)
<b>60700-10-6</b>	<b>10</b>	<b>6</b>	1.417 (36)	.492 (12,5)
<b>60700-10-8</b>	<b>10</b>	<b>8</b>	1.496 (38)	.571 (14,5)
<b>60700-12-8</b>	<b>12</b>	<b>8</b>	1.417 (36)	.571 (14,5)
<b>60700-12-10</b>	<b>12</b>	<b>10</b>	1.653 (42)	.689 (17,5)



**TECHNICAL CHARACTERISTICS**



**Pressure Rating**

-14 ~ 290 PSI  
-0.99 bar ~ 20 bar  
-0.099 MPa ~ 2.0 MPa



**Temperatures Rating**

FKM  
-166° F ~ 572° F  
-110° C ~ 300° C



**Reference Standard**



**Media**

- Compressed Air
- Fluids for food and chemical industry compatible with component specifications

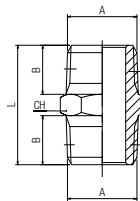


**Threads**

BSPT  
BSPP  
Metric screw thread conforming with ISO R/262

**62000**

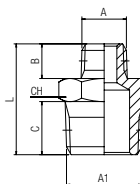
HEX NIPPLE



Part No.	A BSPT	B BSPT	L	CH
62000-1/8	1/8	.295 (7,5)	.768 (19,5)	.433 (11)
62000-1/4	1/4	.433 (11)	1.063 (27)	.551 (14)
62000-3/8	3/8	.453 (11,5)	1.102 (28)	.669 (17)
62000-1/2	1/2	.551 (14)	1.319 (33,5)	.866 (22)
62000-3/4	3/4	.650 (16,5)	1.575 (40)	1.063 (27)

**62020**

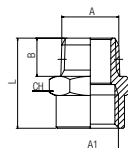
REDUCER NIPPLE



Part No.	A BSPT	A1 BSPT	B	C	L	CH
62020-1/8-1/4	1/8	1/4	.295 (7,5)	.433 (11)	.925 (23,5)	.551 (14)
62020-1/8-3/8	1/8	3/8	.295 (7,5)	.453 (11,5)	.945 (24)	.669 (17)
62020-1/4-3/8	1/4	3/8	.433 (11)	.453 (11,5)	1.083 (27,5)	.669 (17)
62020-1/4-1/2	1/4	1/2	.433 (11)	.551 (14)	1.201 (30,5)	.866 (22)
62020-3/8-1/2	3/8	1/2	.453 (11,5)	.551 (14)	1.220 (31)	.866 (22)
62020-1/2-3/4	1/2	3/4	.551 (14)	.650 (16,5)	1.476 (37,5)	1.063 (27)

**62040**

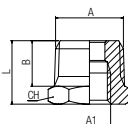
REDUCER (TAPER)



Part No.	A BSPT	A1 BSPP	B	L	CH
62040-1/8-1/4	1/8	1/4	.295 (7,5)	.866 (22)	.669 (17)
62040-1/4-3/8	1/4	3/8	.433 (11)	1.063 (27)	.866 (22)
62040-1/4-1/2	1/4	1/2	.433 (11)	1.181 (30)	.945 (24)
62040-3/8-1/2	3/8	1/2	.453 (11,5)	1.201 (30,5)	.945 (24)
62040-1/2-3/4	1/2	3/4	.551 (14)	1.378 (35)	1.260 (32)

**62080**

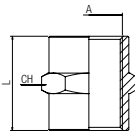
REDUCER (TAPER)



Part No.	A BSPP	A1 BSPP	B	L	CH
62080-1/4-1/8	1/4	1/8	.433 (11)	.630 (16)	.551 (14)
62080-3/8-1/8	3/8	1/8	.453 (11,5)	.650 (16,5)	.669 (17)
62080-3/8-1/4	3/8	1/4	.453 (11,5)	.650 (16,5)	.669 (17)
62080-1/2-1/4	1/2	1/4	.551 (14)	.768 (19,5)	.866 (22)
62080-1/2-3/8	1/2	3/8	.551 (14)	.768 (19,5)	.866 (22)
62080-3/4-1/2	3/4	1/2	.650 (16,5)	.925 (23,5)	1.063 (27)

**62300**

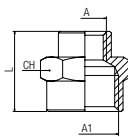
FEMALE COUPLER



Part No.	A BSPP	L	CH
62300-1/8	1/8	.591 (15)	.551 (14)
62300-1/4	1/4	.866 (22)	.669 (17)
62300-3/8	3/8	.945 (24)	.866 (22)
62300-1/2	1/2	1.181 (30)	1.063 (27)
62300-3/4	3/4	1.260 (32)	1.260 (32)

**62310**

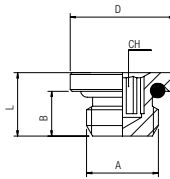
REDUCER COUPLER



Part No.	A BSPP	A1	L	CH
62310-1/8-1/4	1/8	1/4	.748 (19)	.669 (17)
62310-1/4-3/8	1/4	3/8	.906 (23)	.866 (22)
62310-3/8-1/2	3/8	1/2	1.083 (27,5)	.945 (24)
62310-1/2-3/4	1/2	3/4	1.181 (30)	1.181 (30)

**62315**

MALE PLUG WITH INTERNAL HEX

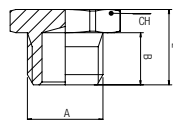


Part No.	A BSPP	B	L	D	CH
62315-M5	M5	.157 (4)	.236 (6)	.315 (8)	.079 (2)
62315-M7	M7	.197 (5)	.295 (7,5)	.374 (9,5)	.118 (3)
62315-1/8	1/8	.236 (6)	.335 (8,5)	.551 (14)	.197 (5)
62315-1/4	1/4	.315 (8)	.433 (11)	.709 (18)	.236 (6)
62315-3/8	3/8	.354 (9)	.492 (12,5)	.787 (20)	.315 (8)
62315-1/2	1/2	.394 (10)	.531 (13,5)	.984 (25)	.394 (10)

	Temperature	<b>min</b>	<b>max</b>
		- 15 °C 5 °F	+ 190 °C 374 °F

**62320**

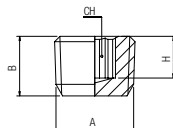
MALE PLUG



Part No.	A BSPP	B	L	CH
62320-1/8	1/8	.256 (6,5)	.394 (10)	.551 (14)
62320-1/4	1/4	.354 (9)	.512 (13)	.669 (17)
62320-3/8	3/8	.374 (9,5)	.531 (13,5)	.748 (19)
62320-1/2	1/2	.394 (10)	.571 (14,5)	.945 (24)
62320-3/4	3/4	.433 (11)	.630 (16)	1.181 (30)

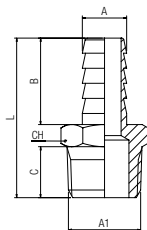
**62325**

MALE PLUG DIN 906



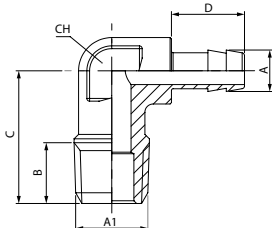
Part No.	A BSPT	B	H	CH
62325-1/8	1/8	.295 (7,5)	.197 (5)	.197 (5)
62325-1/4	1/4	.394 (10)	.276 (7)	.236 (6)
62325-3/8	3/8	.433 (11)	.276 (7)	.315 (8)
62325-1/2	1/2	.512 (13)	.315 (8)	.394 (10)

**62340**  
MALE HOSE ADAPTER



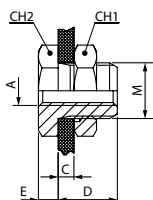
Part No.	A	A1 BSPT	B	C	L	CH
62340-6-1/8	6	1/8	.768 (19,5)	.295 (7,5)	1.260 (32)	.433 (11)
62340-7-1/8	7	1/8	.768 (19,5)	.295 (7,5)	1.260 (32)	.433 (11)
62340-7-1/4	7	1/4	.768 (19,5)	.433 (11)	1.398 (35,5)	.551 (14)
62340-8-1/4	8	1/4	.768 (19,5)	.433 (11)	1.398 (35,5)	.551 (14)
62340-9-1/4	9	1/4	.768 (19,5)	.433 (11)	1.398 (35,5)	.551 (14)
62340-9-3/8	9	3/8	.768 (19,5)	.453 (11,5)	1.417 (36)	.669 (17)
62340-10-1/8	10	1/8	.768 (19,5)	.295 (7,5)	1.260 (32)	.472 (12)
62340-10-1/4	10	1/4	.768 (19,5)	.433 (11)	1.398 (35,5)	.551 (14)
62340-10-3/8	10	3/8	.768 (19,5)	.453 (11,5)	1.417 (36)	.669 (17)
62340-10-1/2	10	1/2	.768 (19,5)	.551 (14)	1.535 (39)	.866 (22)
62340-12-1/4	12	1/4	.768 (19,5)	.433 (11)	1.398 (35,5)	.551 (14)
62340-12-3/8	12	3/8	.768 (19,5)	.453 (11,5)	1.417 (36)	.669 (17)
62340-12-1/2	12	1/2	.768 (19,5)	.551 (14)	1.535 (39)	.866 (22)
62340-14-3/8	14	3/8	.768 (19,5)	.453 (11,5)	1.417 (36)	.669 (17)
62340-14-1/2	14	1/2	.768 (19,5)	.551 (14)	1.535 (39)	.866 (22)
62340-16-1/2	16	1/2	.768 (19,5)	.551 (14)	1.535 (39)	.866 (22)
62340-18-1/2	18	1/2	.768 (19,5)	.551 (14)	1.535 (39)	.866 (22)
62340-18-3/4	18	3/4	.768 (19,5)	.650 (16,5)	1.713 (43,5)	1.063 (27)
62340-20-1/2	20	1/2	.768 (19,5)	.551 (14)	1.535 (39)	.866 (22)
62340-20-3/4	20	3/4	.768 (19,5)	.531 (13,5)	1.575 (40)	1.063 (27)

**62355**  
MALE HOSE ADAPTER ELBOW



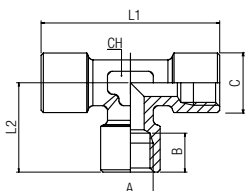
Part No.	A	A1 BSPT	B	C	D	CH
623550044BS00	6	1/8	.295 (7,5)	.709 (18)	.519 (13,2)	.394 (10)
623550044BT00	6	1/4	.433 (11)	.945 (24)	.519 (13,2)	.472 (12)
623550044BZ00	7	1/8	.295 (7,5)	.709 (18)	.519 (13,2)	.394 (10)
623550044BX00	7	1/4	.433 (11)	.945 (24)	.519 (13,2)	.472 (12)
623550044CB00	9	1/4	.433 (11)	.945 (24)	.519 (13,2)	.472 (12)

**62360**  
BULKHEAD CONNECTOR



Part No.	A BSPP	M	C	D	E	CH1	CH2
62360-1/8	1/8	M16x1.5	.354 (9)	.551 (14)	.157 (4)	0.866 (22)	.748 (19)
62360-1/4	1/4	M20x1.5	.590 (15)	.826 (21)	.157 (4)	1.063 (27)	.945 (24)
62360-3/8	3/8	M26x1.5	.551 (14)	.826 (21)	.197 (5)	1.260 (32)	1.181 (30)
62360-1/2	1/2	M28x1.5	.787 (20)	1.063 (27)	.236 (6)	1.417 (36)	1.260 (32)
62360-3/4	3/4	M34x2	.886 (22,5)	1.181 (30)	.236 (6)	1.614 (41)	1.614 (41)
62360-1	1"	M42x4	.964 (24,5)	1.338 (34)	.315 (8)	1.968 (50)	1.811 (46)

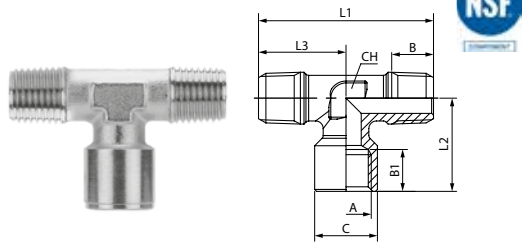
**62400**  
FEMALE TEE



Part No.	A BSPP	B	C	L1	L2	CH
62400-1/8	1/8	.335 (8,5)	.512 (13)	1.457 (37)	.728 (18,5)	.472 (12)
62400-1/4	1/4	.433 (11)	.650 (16,5)	1.929 (49)	.965 (24,5)	.472 (12)
62400-3/8	3/8	.472 (12)	.807 (20,5)	2.126 (54)	1.063 (27)	.591 (15)
62400-1/2	1/2	.591 (15)	1.004 (25,5)	2.520 (64)	1.260 (32)	.787 (20)

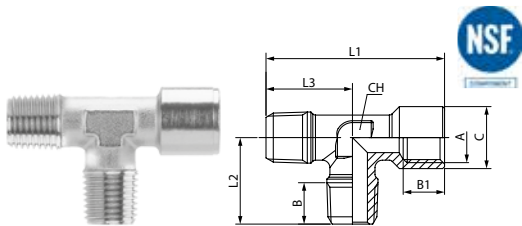


**62420**  
CENTRE LEG FEMALE TEE



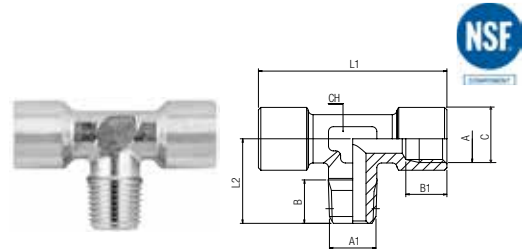
Part No.	A BSPP	B	B1	C	L1	L2	L3	CH
62420-1/8	1/8	.295 (7,5)	.335 (8,5)	.512 (13)	1.417 (36)	.728 (18,5)	.708 (18)	.472 (12)
62420-1/4	1/4	.433 (11)	.433 (11)	.650 (16,5)	1.811 (46)	.965 (24,5)	.906 (23)	.472 (12)
62420-3/8	3/8	.453 (11,5)	.472 (12)	.807 (20,5)	2.007 (51)	1.141 (29)	1.004 (25,5)	.591 (15)
62420-1/2	1/2	.551 (14)	.591 (15)	1.004 (25,5)	2.322 (59)	1.340 (34)	1.161 (29,5)	.787 (20)

**62430**  
OFF SET MALE TEE



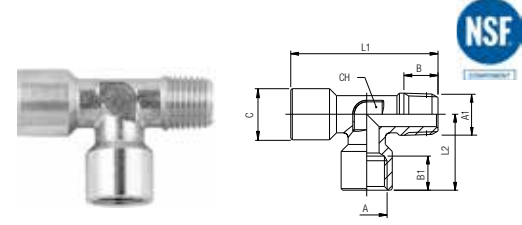
Part No.	A BSPP	B	B1	C	L1	L2	L3	CH
62430-1/8	1/8	.295 (7,5)	.335 (8,5)	.512 (13)	1.437 (36,5)	.708 (18)	.708 (18)	.472 (12)
62430-1/4	1/4	.433 (11)	.433 (11)	.650 (16,5)	1.869 (47,5)	.906 (23)	.906 (23)	.472 (12)
62430-3/8	3/8	.453 (11,5)	.472 (12)	.807 (20,5)	2.067 (52,5)	1.083 (27,5)	1.004 (25,5)	.591 (15)
62430-1/2	1/2	.551 (14)	.591 (15)	1.004 (25,5)	2.422 (61,5)	1.220 (31,5)	1.161 (29,5)	.787 (20)

**62440**  
MALE TEE



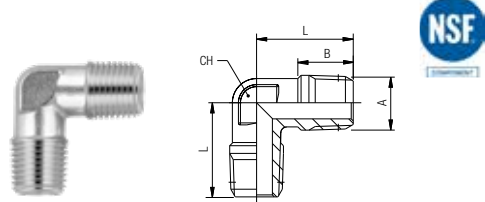
Part No.	A BSPP	A1 BSPT	B	B1	C	L1	L2	CH
62440-1/8	1/8	1/8	.295 (7,5)	.335 (8,5)	.689 (17,5)	1.457 (37)	.689 (17,5)	.472 (12)
62440-1/4	1/4	1/4	.433 (11)	.433 (11)	.906 (23)	1.929 (49)	.906 (23)	.472 (12)
62440-3/8	3/8	3/8	.453 (11,5)	.472 (12)	1.004 (25,5)	2.126 (54)	1.004 (25,5)	.591 (15)
62440-1/2	1/2	1/2	.551 (14)	.591 (15)	1.161 (29,5)	2.52 (64)	1.161 (29,5)	.787 (20)

**62450**  
MALE RUN TEE



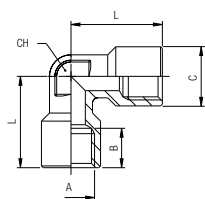
Part No.	A BSPP	A1 BSPT	B	B1	C	L1	L2	CH
62450-1/8	1/8	1/8	.295 (7,5)	.335 (8,5)	.728 (18,5)	1.417 (36)	.728 (18,5)	.472 (12)
62450-1/4	1/4	1/4	.433 (11)	.433 (11)	.965 (24,5)	1.87 (47,5)	.965 (24,5)	.472 (12)
62450-3/8	3/8	3/8	.453 (11,5)	.472 (12)	1.063 (27)	2.067 (52,5)	1.063 (27)	.591 (15)
62450-1/2	1/2	1/2	.551 (14)	.591 (15)	1.26 (32)	2.421 (61,5)	1.260 (32)	.787 (20)

**62500**  
ELBOW M X M



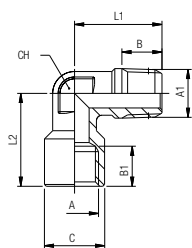
Part No.	A BSPP	B	L	CH
62500-1/8	1/8	.295 (7,5)	.709 (18)	.394 (10)
62500-1/4	1/4	.433 (11)	.945 (24)	.472 (12)
62500-3/8	3/8	.453 (11,5)	1.063 (27)	.591 (15)
62500-1/2	1/2	.551 (14)	1.161 (29,5)	.787 (20)

**62510**  
ELBOW FM X FM



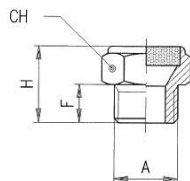
Part No.	A BSPP	C	B	L	CH
62510-1/8	1/8	.512 (13)	.335 (8,5)	.827 (21)	.394 (10)
62510-1/4	1/4	.65 (16,5)	.433 (11)	1.004 (25,5)	.472 (12)
62510-3/8	3/8	.807 (20,5)	.472 (12)	1.102 (28)	.591 (15)
62510-1/2	1/2	1.004 (25,5)	.591 (15)	1.260 (32)	.787 (20)

**62520**  
ELBOW ML X FM



Part No.	A BSPP	A1 BSPT	B	B1	C	L1	L2	CH
62520-1/8	1/8	1/8	.295 (7,5)	.335 (8,5)	.827 (21)	.709 (18)	.827 (21)	.394 (10)
62520-1/4	1/4	1/4	.433 (11)	.433 (11)	1.004 (25,5)	.945 (24)	1.004 (25,5)	.472 (12)
62520-3/8	3/8	3/8	.453 (11,5)	.472 (12)	1.102 (28)	1.063 (27)	1.102 (28)	.591 (15)
62520-1/2	1/2	1/2	.551 (14)	.591 (15)	1.260 (32)	1.161 (29,5)	1.260 (32)	.787 (20)

**62540**  
BREATHER VENT

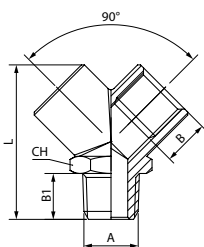


Part No.	A BSPP	F	H	CH	dB*
62540-1/8	1/8	.315 (8)	.591 (15)	.551 (14)	<b>73</b>
62540-1/4	1/4	.315 (8)	.591 (15)	.669 (17)	<b>74</b>
62540-3/8	3/8	.394 (10)	.709 (18)	.866 (22)	<b>86</b>
62540-1/2	1/2	.472 (12)	.866 (22)	1.063 (27)	<b>80</b>

	min	max
Temperature	- 20 °C - 4 °F	+ 300 °C 572 °F
Pressure		10 bar
Filtration threshold		70 µm

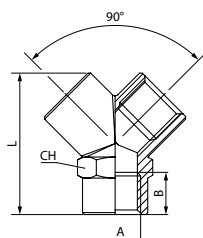
dB\* Acoustic fading at 6 bar

**62600**  
CENTRAL MALE Y 90°



Part No.	A BSPP	B	B1	L	CH
62600-1/4	1/4	.433 (11)	.433 (11)	1.457 (37)	.669 (17)
62600-3/8	3/8	.453 (11,5)	.492 (12,5)	1.811 (46)	.866 (22)
62600-1/2	1/2	.551 (14)	.65 (16,5)	2.285 (58)	1.023 (26)

**62610**  
FEMALE Y 90°



Part No.	A BSPP	B	L	CH
62610-1/4	1/4	.433 (11)	1.457 (37)	.669 (17)
62610-3/8	3/8	.433 (11)	1.811 (46)	.866 (22)
62610-1/2	1/2	.551 (14)	2.285 (58)	1.023 (26)