



Push-in fittings are so defined as they allow to connect the tube to the fitting in a "instantaneous" way without using tools. The tightness of the tube takes place through an elastic clamp which holds the tube on the external diameter and releases it by pushing the suitable puller.

This type of fittings is used in order to speed up the assembly phases mainly in reduced space and time-saving during connection of different pneumatic components.

Le raccordi rapide est appelé ainsi car il permet de raccorder instantanément le tuyau à la connexion c'est à dire sans l'aide d'outils.

L'étanchéité du tube a lieu au moyen d'une bague élastique qui maintient le tuyau flexible sur le diamètre extérieur et en actionnant cette bague le tuyau se déconnecte. Ce système est utilisé pour simplifier les étapes de montage. Idéal pour les espaces réduits ce raccordi permet de gagner du temps dans la connexion des composants pneumatiques.

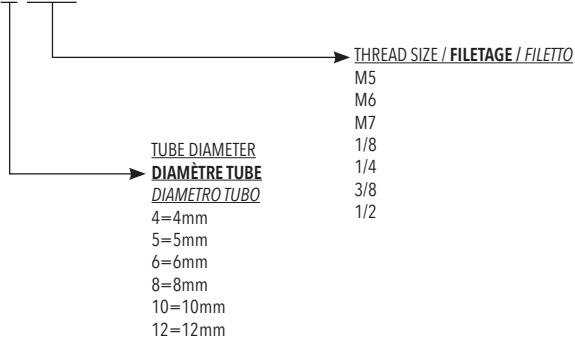
I raccordi rapidi sono così denominati perché permettono di accoppiare il tubo al raccordo in modo istantaneo senza l'ausilio di utensili.

La tenuta del tubo avviene per mezzo di una pinza elastica che trattiene il tubo sul diametro esterno e lo rilascia spingendo l'apposito estrattore.

Questa tipologia di raccordi viene utilizzata per snellire le fasi di montaggio spesso in spazi ridotti e risparmiare tempo nei collegamenti dei vari componenti pneumatici

ORDERING CODE / CODIFICATION / CHIAVE DI CODIFICA

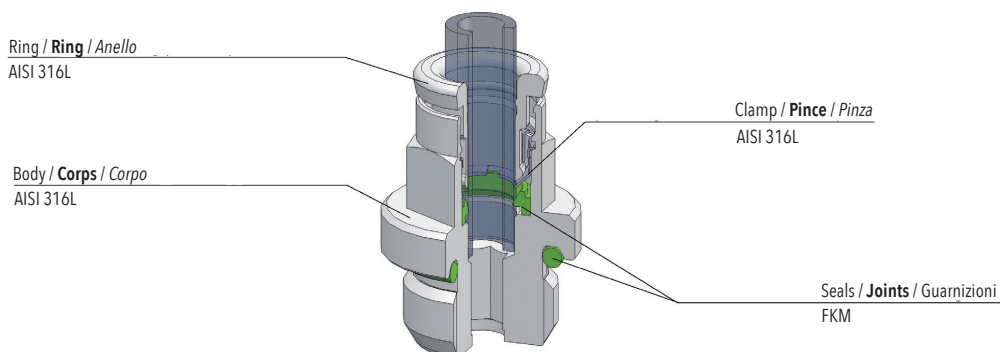
A 1 0 0 X 6 1/8



TECHNICAL DATA / DONNÉES TECHNIQUES / DATI TECNICI

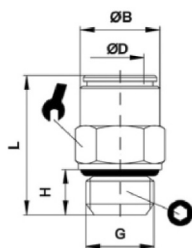
| | |
|---|--|
| Fluid / Fluide / Fluido | Air / Air / Aria |
| Operating temperature range / Température d'utilisation / Temperatura di esercizio | -20°C / +80°C |
| Max operating pressure / Pression Max / Pressione Max di esercizio | 16 bar |
| Vacuum / Vide / Vuoto | Max 98% |
| Body material / Matière corps / Materiale corpo | AISI 316L |
| Gripper clamp / Pince d'accrochage / Pinza di aggancio | AISI 316L |
| Ring / Ring / Anello | AISI 316L |
| Seals / Joints / Guarnizioni | FKM |
| Threads / Filetage / Filettature | Parallel DIN EN ISO 228 / Cylindrique DIN EN ISO 228 / Cilindrico DIN EN ISO 228 Taper DIN EN 10226 (DIN 2999) / Conique DIN EN 10226 (DIN 2999) / Conico DIN EN 10226 (DIN 2999) Metric DIN ISO 261 / Métrique DIN ISO 261 / Metrico DIN ISO 261 |
| Recommended tubes / Tubes recommandés / Tubi raccomandati | Polyamide (PA) / polyamide (PA) / Poliammide (PA) Polyurethane (PU) / polyuréthane (PU) / Poliuretano (PU) Polyethylene (PE) / polyéthylène (PE) / Polietilene (PE) |
| Tube tolerances / Tolérance du tube / Tolleranza Tubi | PE, PU Tube +/- 0.1 mm / Tube PE, PU +/- 0,1 mm / Tubo PE, PU +/- 0.1 mm |

COMPONENTS / COMPOSANTS / COMPONENTI



A101X

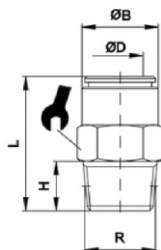
STRAIGHT MALE ADAPTOR PARALLEL / DROIT MÂLE CYLINDRIQUE / DIRITTO MASCHIO CILINDRICO



| CODE | ØD | G | ØB | H | L | Ø | ↘ | min.pcs. |
|--------------|----|------|----|-----|------|-----|----|----------|
| A101X 4-M5 | 4 | M5 | 9 | 4 | 20,5 | - | 9 | 10 |
| A101X 4-1/8 | 4 | G1/8 | 9 | 5,5 | 19 | 3 | 13 | 10 |
| A101X 6-M5 | 6 | M5 | 11 | 4 | 22,5 | 2,5 | - | 10 |
| A101X 6-1/8 | 6 | G1/8 | 11 | 5,5 | 23,5 | 4 | 13 | 10 |
| A101X 6-1/4 | 6 | G1/4 | 11 | 6,5 | 20 | 4 | 16 | 10 |
| A101X 8-1/8 | 8 | G1/8 | 13 | 5,5 | 26 | 5 | 13 | 10 |
| A101X 8-1/4 | 8 | G1/4 | 13 | 6,5 | 23 | 6 | 16 | 10 |
| A101X 10-1/4 | 10 | G1/4 | 15 | 6,5 | 27,5 | 7 | 16 | 10 |
| A101X 10-3/8 | 10 | G3/8 | 15 | 9 | 25,5 | 8 | 20 | 10 |
| A101X 10-1/2 | 10 | G1/2 | 15 | 9 | 29 | 8 | 23 | 10 |
| A101X 12-1/4 | 12 | G1/4 | 17 | 6,5 | 30 | 7 | 18 | 10 |
| A101X 12-3/8 | 12 | G3/8 | 17 | 9 | 31 | 10 | 20 | 10 |
| A101X 12-1/2 | 12 | G1/2 | 17 | 9 | 29 | 10 | 23 | 10 |

A190X

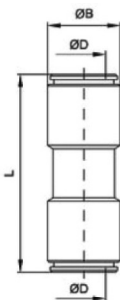
STRAIGHT MALE ADAPTOR TAPER / DROIT MÂLE CONIQUE / DIRITTO MASCHIO CONICO



| CODE | ØD | R | ØB | H | L | Ø | ↘ | min.pcs. |
|--------------|----|------|----|------|------|----|----|----------|
| A190X 4-1/8 | 4 | R1/8 | 9 | 6,5 | 19 | 3 | 10 | 10 |
| A190X 4-1/4 | 4 | R1/4 | 9 | 11 | 22,5 | 3 | 14 | 10 |
| A190X 6-1/8 | 6 | R1/8 | 11 | 7,5 | 21,5 | 5 | 12 | 10 |
| A190X 6-1/4 | 6 | R1/4 | 11 | 11 | 21,5 | 5 | 14 | 10 |
| A190X 8-1/8 | 8 | R1/8 | 13 | 7,5 | 26,5 | 6 | 14 | 10 |
| A190X 8-1/4 | 8 | R1/4 | 13 | 11 | 23,5 | 6 | 14 | 10 |
| A190X 10-1/4 | 10 | R1/4 | 15 | 11 | 30,5 | 8 | 16 | 10 |
| A190X 10-3/8 | 10 | R3/8 | 15 | 11,5 | 26,5 | 8 | 17 | 10 |
| A190X 10-3/8 | 12 | R3/8 | 17 | 11,5 | 27,5 | 10 | 17 | 10 |
| A190X 12-1/2 | 12 | R1/2 | 17 | 14 | 27,5 | 10 | 22 | 10 |

A103X

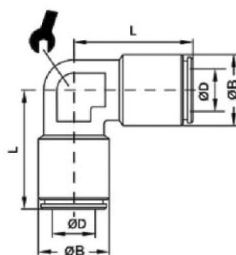
STRAIGHT CONNECTOR / DROIT DOUBLE / DIRITTO INTERMEDIO



| CODE | ØD | ØB | L | min.pcs. |
|----------|----|----|----|----------|
| A103X 4 | 4 | 9 | 32 | 10 |
| A103X 6 | 6 | 11 | 35 | 10 |
| A103X 8 | 8 | 13 | 39 | 10 |
| A103X 10 | 10 | 15 | 39 | 10 |
| A103X 12 | 12 | 17 | 41 | 10 |

A104X

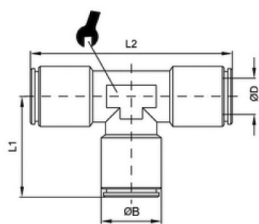
ELBOW CONNECTOR / ÉQUERRE / GOMITO INTERMEDIO



| CODE | ØD | ØB | L | ↘ | min.pcs. |
|----------|----|----|------|----|----------|
| A104X 4 | 4 | 9 | 17,5 | 9 | 10 |
| A104X 6 | 6 | 11 | 20,5 | 11 | 10 |
| A104X 8 | 8 | 13 | 22,5 | 11 | 10 |
| A104X 10 | 10 | 15 | 25 | 15 | 10 |
| A104X 12 | 12 | 17 | 27 | 15 | 10 |

A105X

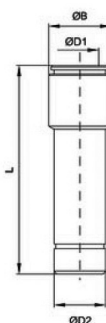
TEE CONNECTOR / T / INTERMEDIO AT



| CODE | ØD | ØB | L1 | L2 | | min.pcs. |
|----------|----|----|------|----|----|----------|
| A105X 4 | 4 | 9 | 18 | 36 | 9 | 10 |
| A105X 6 | 6 | 11 | 20,5 | 41 | 11 | 10 |
| A105X 8 | 8 | 13 | 22,5 | 45 | 11 | 10 |
| A105X 10 | 10 | 15 | 25 | 50 | 15 | 10 |
| A105X 12 | 12 | 17 | 26,5 | 53 | 15 | 10 |

A127X

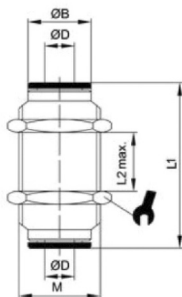
REDUCER / REDUCTION / RIDUZIONE



| CODE | ØD1 | ØD2 | ØB | L | min.pcs. |
|---------|-----|-----|----|------|----------|
| A127X 4 | 4 | 6 | 9 | 30,5 | 10 |
| A127X 6 | 6 | 8 | 11 | 33 | 10 |
| A127X 8 | 8 | 10 | 13 | 38,5 | 10 |

A111X

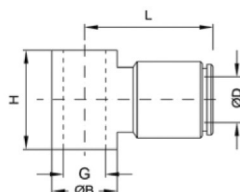
BULKHEAD UNION / TRAVERSÉE DE CLOISON / PASSAPARETE



| CODE | ØD | ØB | M | L1 | L2 | | min.pcs. |
|----------|----|----|-------|------|----|----|----------|
| A111X 4 | 4 | 9 | M12x1 | 32 | 11 | 15 | 10 |
| A111X 6 | 6 | 11 | M14x1 | 34 | 16 | 17 | 10 |
| A111X 8 | 8 | 13 | M16x1 | 37 | 17 | 19 | 10 |
| A111X 10 | 10 | 15 | M18x1 | 39,5 | 21 | 21 | 10 |
| A111X 12 | 12 | 17 | M20x1 | 41 | 20 | 24 | 10 |

A199X

SINGLE BANJO BODY / BANJO SIMPLE / ANELLO SEMPLICE

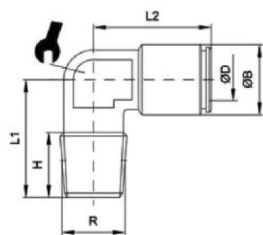


| CODE | ØD | G | ØB | H | L | min.pcs. |
|-------------|----|------|----|----|------|----------|
| A199X 4-1/8 | 4 | G1/8 | 14 | 15 | 20,5 | 10 |
| A199X 6-1/8 | 6 | G1/8 | 14 | 15 | 22,5 | 10 |
| A199X 6-1/4 | 6 | G1/4 | 18 | 17 | 24 | 10 |
| A199X 8-1/8 | 8 | G1/8 | 14 | 15 | 23 | 10 |
| A199X 8-1/4 | 8 | G1/4 | 18 | 17 | 25,5 | 10 |

A118X



THREADED ELBOW ADAPTOR TAPER / **COUDE MALE CONIQUE FIXE** / GOMITO MASCHIO CONICO FISSO

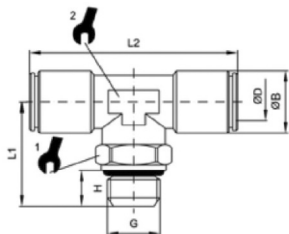


| CODE | ØD | R | ØB | H | L1 | L2 | 1 | 2 | min.pcs. |
|-------------|----|------|----|------|----|------|----|---|----------|
| A118X 4-1/8 | 4 | R1/8 | 9 | 7,5 | 14 | 18,5 | 9 | | 10 |
| A118X 6-1/8 | 6 | R1/8 | 11 | 8 | 17 | 20,5 | 11 | | 10 |
| A118X 6-1/4 | 6 | R1/4 | 11 | 11,5 | 20 | 20,5 | 11 | | 10 |
| A118X 8-1/8 | 8 | R1/8 | 13 | 8 | 17 | 22,5 | 11 | | 10 |
| A118X 8-1/4 | 8 | R1/4 | 13 | 11 | 20 | 22,5 | 11 | | 10 |

A119X



ROTARY TEE ADAPTOR PARALLEL / **T MALE CYLINDRIQUE** / T MASCHIO GIREVOLE CILINDRICO

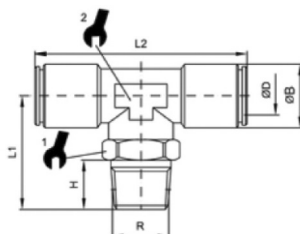


| CODE | ØD | G | ØB | H | L1 | L2 | 1 | 2 | min.pcs. |
|--------------|----|------|----|-----|------|----|----|----|----------|
| A119X 4-M5 | 4 | M5 | 9 | 4 | 20,5 | 36 | 9 | 9 | 10 |
| A119X 4-1/8 | 4 | G1/8 | 9 | 5,5 | 25,5 | 36 | 13 | 11 | 10 |
| A119X 6-1/8 | 6 | G1/8 | 11 | 5,5 | 25 | 43 | 13 | 11 | 10 |
| A119X 6-1/4 | 6 | G1/4 | 11 | 6,5 | 26 | 43 | 16 | 11 | 10 |
| A119X 8-1/8 | 8 | G1/8 | 13 | 5,5 | 25 | 47 | 13 | 11 | 10 |
| A119X 8-1/4 | 8 | G1/4 | 13 | 6,5 | 26 | 47 | 16 | 11 | 10 |
| A119X 10-1/4 | 10 | G1/4 | 15 | 6,5 | 23,5 | 51 | 16 | 15 | 10 |
| A119X 10-3/8 | 10 | G3/8 | 15 | 9 | 27 | 51 | 20 | 15 | 10 |

A120X



ROTARY TEE ADAPTOR TAPER / **T MALE CONIQUE** / T MASCHIO GIREVOLE CONICO

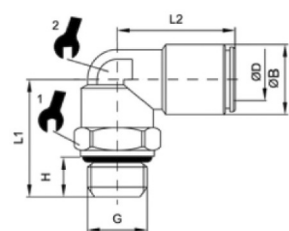


| CODE | ØD | R | ØB | H | L1 | L2 | 1 | 2 | min.pcs. |
|--------------|----|------|----|-----|------|----|----|----|----------|
| A120X 4-1/8 | 4 | R1/8 | 9 | 7,5 | 21,5 | 35 | 10 | - | 10 |
| A120X 6-1/8 | 6 | R1/8 | 11 | 7 | 25,5 | 43 | 13 | 11 | 10 |
| A120X 6-1/4 | 6 | R1/4 | 11 | 11 | 30,5 | 43 | 14 | 11 | 10 |
| A120X 8-1/8 | 8 | R1/8 | 13 | 7 | 26 | 47 | 13 | 11 | 10 |
| A120X 8-1/4 | 8 | R1/4 | 13 | 11 | 30,5 | 47 | 14 | 11 | 10 |
| A120X 10-1/4 | 10 | R1/4 | 15 | 11 | 32 | 51 | 16 | 15 | 10 |
| A120X 10-3/8 | 10 | R3/8 | 15 | 11 | 30,5 | 51 | 17 | 15 | 10 |

A121X



ROTARY ELBOW MALE ADAPTOR / **ÉQUERRE MALE CYLINDRIQUE** / GOMITO MASCHIO GIREVOLE CILINDRICO

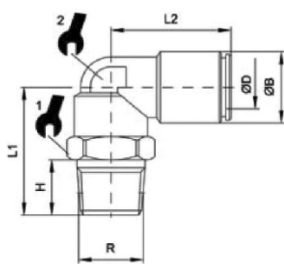


| CODE | ØD | G | ØB | H | L1 | L2 | 1 | 2 | min.pcs. |
|---------------|----|------|------|-----|------|------|----|----|----------|
| A121X 4-M5 | 4 | M5 | 9 | 4 | 15 | 18 | 9 | 9 | 10 |
| A121X 4-G1/8 | 4 | G1/8 | 9 | 5,5 | 19,5 | 20 | 13 | 10 | 10 |
| A121X 4-G1/4 | 4 | G1/4 | 9 | 6,5 | 20,5 | 20 | 16 | 10 | 10 |
| A121X 6-M5 | 6 | M5 | 11 | 4 | 14,5 | 20,5 | 9 | 9 | 10 |
| A121X 6-G1/8 | 6 | G1/8 | 11 | 5,5 | 19,5 | 21,5 | 13 | 10 | 10 |
| A121X 6-G1/4 | 6 | G1/4 | 11 | 6,5 | 20,5 | 21,5 | 16 | 10 | 10 |
| A121X 8-G1/8 | 8 | G1/8 | 13 | 5,5 | 19,5 | 23,5 | 13 | 10 | 10 |
| A121X 8-G1/4 | 8 | G1/4 | 13 | 6,5 | 20,5 | 23,5 | 16 | 10 | 10 |
| A121X 10-G1/4 | 10 | G1/4 | 15 | 6,5 | 23 | 26,5 | 16 | 15 | 10 |
| A121X 10-G3/8 | 10 | G3/8 | 15 | 9 | 26,5 | 26,5 | 20 | 15 | 10 |
| A121X 12-G3/8 | 12 | G3/8 | 17 | 9 | 28,5 | 28,5 | 20 | 17 | 10 |
| A121X 12-G1/2 | 12 | G1/2 | 18,5 | 8,5 | 33,5 | 28 | 20 | - | 10 |

A191X



CONICAL SWIVEL MALE ELBOW / ÉQUERRE MALE CONIQUE / GOMITO MASCHIO GIREVOLE CONICO



| CODE | ØD | R | ØB | H | L1 | L2 | 1 | 2 | min.pcs. |
|--------------|----|------|----|----|------|------|----|----|----------|
| A191X 4-1/8 | 4 | R1/8 | 9 | 7 | 20 | 20 | 13 | 10 | 10 |
| A191X 4-1/4 | 4 | R1/4 | 9 | 11 | 25 | 20 | 10 | 14 | 10 |
| A191X 6-1/8 | 6 | R1/8 | 11 | 7 | 20 | 21,5 | 13 | 10 | 10 |
| A191X 6-1/4 | 6 | R1/4 | 11 | 11 | 25 | 21,5 | 14 | 10 | 10 |
| A191X 8-1/8 | 8 | R1/8 | 13 | 7 | 20 | 23,5 | 13 | 10 | 10 |
| A191X 8-1/4 | 8 | R1/4 | 13 | 11 | 25 | 23,5 | 14 | 10 | 10 |
| A191X 10-1/4 | 10 | R1/4 | 15 | 11 | 26 | 26,6 | 16 | 15 | 10 |
| A191X 10-3/8 | 10 | R3/8 | 15 | 11 | 30 | 26,5 | 15 | 17 | 10 |
| A191X 12-1/4 | 12 | R1/4 | 17 | 11 | 32,5 | 28,5 | 17 | 20 | 10 |
| A191X 12-3/8 | 12 | R3/8 | 17 | 11 | 32,5 | 28,5 | 17 | 20 | 10 |
| A191X 12-1/2 | 12 | R1/2 | 17 | 14 | 35,5 | 28,5 | 17 | 22 | 10 |

A140X



SINGLE BANJO BOLT, COMPLETE WITH 2 TEFLON SEALS / SIMPLE VIS AVEC 2 JOINTS TEFLON / VITE CAVA SINGOLA, COMPLETA DI 2 GUARNIZIONI IN TEFLON

| CODE | G | H1 | H2 | L | 1 | min.pcs. |
|-----------|------|-----|------|------|----|----------|
| A140X 1/8 | G1/8 | 9 | 15,5 | 29 | 14 | 10 |
| A140X 1/4 | G1/4 | 9,5 | 17,5 | 32,5 | 17 | 10 |