Sang-A

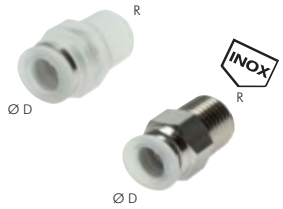
Dimensions can be found in the item details in our Online Shop!

IQS push in connections made of polypropylene PP

Materials: Body and sleeve: Polypropylene, threaded part: Polypropylene or stainless steel AISI 304, cartridge: Stainless steel AISI 304, seals: EPDM with PTFE coating (cylindrical thread with captive EPDM O-ring), holding claws: Stainless steel AISI 301, plastics and seals used are FDA approved (only silicone-free seals and lubricants are used during assembly)
Temperature range: -20°C to max. +80°C
Operating pressure: -0.95 to 9 bar (-20°C to max. +20°C), 30°C: < 6 bar, 40°C: < 5 bar, 50°C: < 4 bar, 60°C: < 3,4 bar, 80°C: < 3 bar
Media: Unoiled compressed air, water (also demineralised), harmless gases and liquids (no mineral oils)

Advantages:
- Lighter and more economical than push in stainless steel connections
- Resistance to hydrolysis
- Cleaned, assembled and individually packaged in clean room (US FED 209D, class 10 000 - ISO 14664-1 class 7)
- Produced free of oil and silicone
- Threaded pieces made of polypropylene or stainless steel
- Transparent body allows view to the medium inside the connection
- Plastics used and seals have FDA approval

Push in fittings PP



Type polypropylene thread*	Type stainless steel thread INOX	R	D	Type polypropylene thread*	Type stainless steel thread INOX	R	D
IQSG 184 PP	IQSG 184 PP ES	R 1/8"	4	IQSG 1410 PP	IQSG 1410 PP ES	R 1/4"	10
IQSG 186 PP	IQSG 186 PP ES	R 1/8"	6	IQSG 3810 PP	IQSG 3810 PP ES	R 3/8"	10
IQSG 188 PP	IQSG 188 PP ES	R 1/8"	8	IQSG 3812 PP	IQSG 3812 PP ES	R 3/8"	12
IQSG 144 PP	IQSG 144 PP ES	R 1/4"	4	IQSG 1210 PP	IQSG 1210 PP ES	R 1/2"	10
IQSG 146 PP	IQSG 146 PP ES	R 1/4"	6	IQSG 1212 PP	IQSG 1212 PP ES	R 1/2"	12
IQSG 148 PP	IQSG 148 PP ES	R 1/4"	8				

* Due to the high expansion coefficients of polypropylene, large fluctuations in temperature can cause leaks. We recommend using Loctite sealing strip 55 as a sealant (page 556).

Push in fittings with female threads PP

Type stainless steel thread INOX	G	D	Type stainless steel thread INOX	G	D
IQSF M54 PP ES	M 5	4	IQSF 148 PP ES	G 1/4"	8
IQSF 184 PP ES	G 1/8"	4	IQSF 1410 PP ES	G 1/4"	10
IQSF 186 PP ES	G 1/8"	6	IQSF 3810 PP ES	G 3/8"	10
IQSF 188 PP ES	G 1/8"	8	IQSF 3812 PP ES	G 3/8"	12
IQSF 144 PP ES	G 1/4"	4	IQSF 1210 PP ES	G 1/2"	10
IQSF 146 PP ES	G 1/4"	6	IQSF 1212 PP ES	G 1/2"	12

L push in fittings PP

Type polypropylene thread*	Type stainless steel thread INOX	R	D	Type polypropylene thread*	Type stainless steel thread INOX	R	D
IQSL 184 PP	IQSL 184 PP ES	R 1/8"	4	IQSL 1410 PP	IQSL 1410 PP ES	R 1/4"	10
IQSL 186 PP	IQSL 186 PP ES	R 1/8"	6	IQSL 3810 PP	IQSL 3810 PP ES	R 3/8"	10
IQSL 188 PP	IQSL 188 PP ES	R 1/8"	8	IQSL 3812 PP	IQSL 3812 PP ES	R 3/8"	12
IQSL 144 PP	IQSL 144 PP ES	R 1/4"	4	IQSL 1210 PP	IQSL 1210 PP ES	R 1/2"	10
IQSL 146 PP	IQSL 146 PP ES	R 1/4"	6	IQSL 1212 PP	IQSL 1212 PP ES	R 1/2"	12
IQSL 148 PP	IQSL 148 PP ES	R 1/4"	8				

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T push in fittings PP

Type polypropylene thread*	Type stainless steel thread INOX	R	D	Type polypropylene thread*	Type stainless steel thread INOX	R	D
IQST 184 PP	IQST 184 PP ES	R 1/8"	4	IQST 1410 PP	IQST 1410 PP ES	R 1/4"	10
IQST 186 PP	IQST 186 PP ES	R 1/8"	6	IQST 3810 PP	IQST 3810 PP ES	R 3/8"	10
IQST 188 PP	IQST 188 PP ES	R 1/8"	8	IQST 3812 PP	IQST 3812 PP ES	R 3/8"	12
IQST 144 PP	IQST 144 PP ES	R 1/4"	4	IQST 1210 PP	IQST 1210 PP ES	R 1/2"	10
IQST 146 PP	IQST 146 PP ES	R 1/4"	6	IQST 1212 PP	IQST 1212 PP ES	R 1/2"	12
IQST 148 PP	IQST 148 PP ES	R 1/4"	8				

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T push in fittings PP

Type polypropylene thread*	Type stainless steel thread INOX	R	D	Type polypropylene thread*	Type stainless steel thread INOX	R	D
IQSTL 184 PP	IQSTL 184 PP ES	R 1/8"	4	IQSTL 1410 PP	IQSTL 1410 PP ES	R 1/4"	10
IQSTL 186 PP	IQSTL 186 PP ES	R 1/8"	6	IQSTL 3810 PP	IQSTL 3810 PP ES	R 3/8"	10
IQSTL 188 PP	IQSTL 188 PP ES	R 1/8"	8	IQSTL 3812 PP	IQSTL 3812 PP ES	R 3/8"	12
IQSTL 144 PP	IQSTL 144 PP ES	R 1/4"	4	IQSTL 1210 PP	IQSTL 1210 PP ES	R 1/2"	10
IQSTL 146 PP	IQSTL 146 PP ES	R 1/4"	6	IQSTL 1212 PP	IQSTL 1212 PP ES	R 1/2"	12
IQSTL 148 PP	IQSTL 148 PP ES	R 1/4"	8				

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