













40SERIES

INTERCHANGE > Similar Couplings



TECHNICAL FEATURES AND OPTIONS

	Interchange Similar Couplings		Sealing description FKM (VITON®) Backup in PTFE		Connection system Screw
	Available sizes From 1/4" to 2"		Material Stainless steel (AISI 316L)		Available threads BSP-NPT
	Operating pressure Up to 650 bar		Locking mechanism Screw to connect		Flow rate Up to 750 L/Min
	Temperature (°C) -15° / +180°		Valving style Poppet		Connection under pressure Connection: allowed Disconnection: allowed

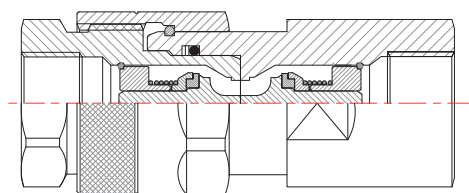
BENEFITS

- 40 series is a high pressure heavy duty screw together coupling in AISI
- 316 material.
- Available in BSPP or NPT.
- Caps and plugs are also available.
- Interchange to Faster VVS stainless version.
- Tooling maybe required for connection with pressure.



MAIN APPLICATIONS





PERFORMANCES

Size		Series/Size	Max. operating pressure Coupled	Burst pressure Coupled	Rated flow	ΔP at Rated Flow
Inch	mm (ISO)		bar	bar	l/min	bar
1/4	6,3	4006	750	1875	4	1,50
3/8	10,0	4009	650	1625	23	4,00
1/2	12,5	4013	650	1625	45	6,00
3/4	19,0	4019	500	1250	74	4,00
1	25,0	4025	460	1150	100	1,50
1-1/4	31,5	4030	400	1000	220	1,50
1-1/2	40,0	4040	360	900	330	1,30
2	50,0	4050	210	525	750	2,60

Temperature range:

Standard seals in VITON®: from -15°C to +180°C (from +5 °F to +356 °F).

! WARNING

A defect, a wrong choice or an improper use of products, can cause injury to persons, animals and objects.

Never connect or disconnect with dynamic pressure (e.g. pump on).

Do not couple-uncouple with flow in the circuit.

Do not couple-uncouple when the temperature inside of the circuit is higher than 80 °C (176 °F).

Do not use the coupling disconnected with high impulse pressure.

Connect under pressure products are suitable to be connected under residual (static) pressure.

Connection with residual pressure (pressure trapped in the circuit) allowed with other side coupling to drain.

Check the maximum allowable working pressure of the port in use.

Make sure that the medium used is compatible with seal and material as indicated for each series.

In case of doubt please contact Stucchi Technical Support.

The interchangeability is mentioned under the assumption that the manufacturer of the considered products has not changed any dimension.

It is mandatory to carefully read and closely follow the instructions before selecting or using any Stucchi products.

Always refer to the version uploaded in the Instructions and warning section of stucchigroup.com website for the latest release.

For specific, product-related, instructions, please contact Stucchi technical service.