4SH crimp fittings and ferrules with tear-off protection

Stainless steel, for skived 4SH hose

Series: S-TJ24



Overview

DN (mm)	19 to 51
Design	19 options, see the model table
Connection size	28 options, see the model table
SKUs in this series	76

Description

Stainless steel 4SH crimp fittings with tear-off protection, and the 4SH ferrules for them. This series is for the 4SH hose to EN 856. The ferrule locks onto the fitting (tear-off protection). When crimped, hose, ferrule and fitting form a metallic bond that takes the maximum pressure load. This lets a flexible 4-spiral 4SH hose replace a stiffer 6-spiral hose. Skive the hose inside and outside. Choose the fitting by the connection and the DN of the hose. Crimp it with a ferrule for the same DN that agrees with the hose type, with a hose crimping machine. The ferrule is a separate item. The maximum working pressure of the hose assembly is that of its lowest-rated part: hose, fitting or connection. Stainless steel, for wet, outdoor and corrosive environments.

Key features

- Tear-off protection, metallic bond with the 4SH ferrule
- Stainless steel body, corrosion resistant
- Flexible 4SH hose instead of a 6-spiral hose

Models

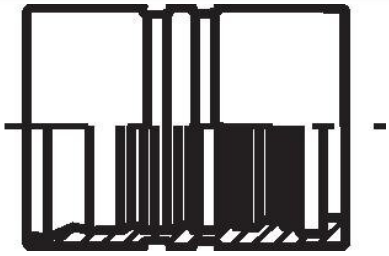
Select the SKU for your application.

SKU	Design	Connection size	DN (mm)
F2XRD	4 SH sleeve	38 × 56 (Da x L)	19
F2XRF	4 SH sleeve	46 × 75 (Da x L)	25
F2XRH	4 SH sleeve	55 × 85 (Da x L)	31
F2XRK	4 SH sleeve	64 × 100 (Da x L)	38
F2XRN	4 SH sleeve	78 × 103 (Da x L)	51
F2XN4	AGN (straight)	NPT 3/4"	19
F2XN5	AGN (straight)	NPT 1"	25
F2XN6	AGN (straight)	NPT 1-1/4"	31
F2XN7	AGN (straight)	NPT 1-1/2"	38
F2XMY	AGR (straight)	G 3/4"	19
F2XMZ	AGR (straight)	G 1"	25

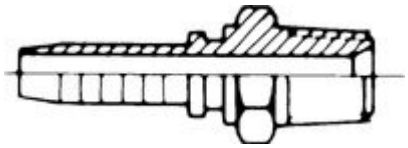
SKU	Design	Connection size	DN (mm)
F2XN2	AGR (straight)	G 1-1/4"	31
F2XN3	AGR (straight)	G 1-1/2"	38
F2XM4	CES (straight)	M 36×2 (25 S)	19
F2XM6	CES (straight)	M 42×2 (30 S)	25
F2XM8	CES (straight)	M 52×2 (38 S)	31
F2XND	DKJ (45°)	UN 1-1/16"-12	19
F2XNF	DKJ (45°)	UN 1-5/16"-12	19
F2XNE	DKJ (45°)	UN 1-5/16"-12	25
F2XNG	DKJ (45°)	UN 1-5/8"-12	31
F2XNH	DKJ (45°)	UN 1-7/8"-12	38
F2XNJ	DKJ (90°)	UN 1-1/16"-12	19
F2XNM	DKJ (90°)	UN 1-5/16"-12	19
F2XNK	DKJ (90°)	UN 1-5/16"-12	25
F2XNN	DKJ (90°)	UN 1-5/8"-12	31
F2XNP	DKJ (90°)	UN 1-7/8"-12	38
F2XN8	DKJ (straight)	UN 1-1/16"-12	19
F2XNA	DKJ (straight)	UN 1-5/16"-12	19
F2XN9	DKJ (straight)	UN 1-5/16"-12	25
F2XNB	DKJ (straight)	UN 1-5/8"-12	31
F2XNC	DKJ (straight)	UN 1-7/8"-12	38
F2XKN	DKO (45°)	M 36×2 (25 S)	19
F2XKQ	DKO (45°)	M 42×2 (30 S)	25
F2XKS	DKO (45°)	M 52×2 (38 S)	31
F2XKV	DKO (90°)	M 36×2 (25 S)	19
F2XKY	DKO (90°)	M 42×2 (30 S)	25
F2XM2	DKO (90°)	M 52×2 (38 S)	31
F2XKC	DKO (straight)	M 36×2 (25 S)	19
F2XKF	DKO (straight)	M 42×2 (30 S)	25
F2XKH	DKO (straight)	M 52×2 (38 S)	31
F2XMH	DKR (45°)	G 3/4"	19
F2XMK	DKR (45°)	G 1"	25
F2XMN	DKR (45°)	G 1-1/4"	31
F2XMQ	DKR (45°)	G 1-1/2"	38

SKU	Design	Connection size	DN (mm)
F2XMR	DKR (90°)	G 3/4"	19
F2XMT	DKR (90°)	G 1"	25
F2XMV	DKR (90°)	G 1-1/4"	31
F2XMX	DKR (90°)	G 1-1/2"	38
F2XMA	DKR (straight)	G 3/4"	19
F2XMC	DKR (straight)	G 1"	25
F2XME	DKR (straight)	G 1-1/4"	31
F2XMG	DKR (straight)	G 1-1/2"	38
F2XPM	SFL (45°)	38.1 (3/4")	19
F2XPP	SFL (45°)	44.5 (1")	25
F2XPR	SFL (45°)	50.8 (1-1/4")	31
F2XPT	SFL (45°)	60.3 (1-1/2")	38
F2XQF	SFL (90°)	38.1 (3/4")	19
F2XQH	SFL (90°)	44.5 (1")	25
F2XQK	SFL (90°)	50.8 (1-1/4")	31
F2XQN	SFL (90°)	60.3 (1-1/2")	38
F2XNQ	SFL (straight)	38.1 (3/4")	19
F2XNS	SFL (straight)	44.5 (1")	25
F2XNU	SFL (straight)	50.8 (1-1/4")	31
F2XNW	SFL (straight)	60.3 (1-1/2")	38
F2XPW	SFS (45°)	41.3 (3/4")	19
F2XPZ	SFS (45°)	47.6 (1")	25
F2XQ5	SFS (45°)	54.0 (1-1/4")	31
F2XQ8	SFS (45°)	63.5 (1-1/2")	38
F2XQS	SFS (90°)	41.3 (3/4")	19
F2XQV	SFS (90°)	47.6 (1")	25
F2XQZ	SFS (90°)	54.0 (1-1/4")	31
F2XR5	SFS (90°)	63.5 (1-1/2")	38
F2XNZ	SFS (straight)	41.3 (3/4")	19
F2XP4	SFS (straight)	47.6 (1")	25
F2XP8	SFS (straight)	54.0 (1-1/4")	31
F2XPC	SFS (straight)	63.5 (1-1/2")	38

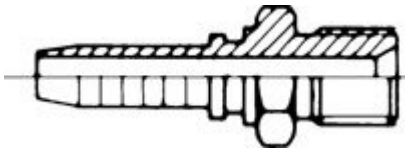
Designs



- 4 SH sleeve: Ferrule for hose 4 SH (EN 856) (Hose skived inside and outside) for crimped fittings with tear-off protection



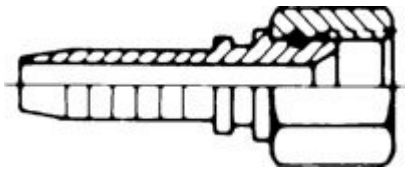
- AGN: NPT male thread, conical sealing



- AGR: BSP thread 60° sealing cap, male thread



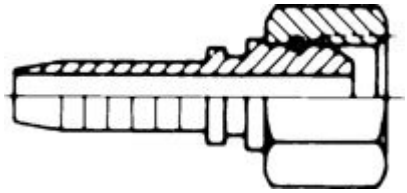
- CES: 24° male thread for cutting ring fittings ISO 8434-1, heavy model series



- DKJ: JIC sealing cap 74° with union nut (UNF/UN thread)



- DKO: Sealing cap, union nut and O-ring fits on 24° sockets ISO 8434-1, heavy model series



- DKR: BSP sealing cap 60° with union nut



- SFL: SAE flange, standard model series 3000 PSI



- SFS: SAE flange, standard model series 6000 PSI

Points to note

- Permanent crimp, needs a hose crimping machine
- Ferrule not included, order it for the hose type
- Hose must be skived inside and outside

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