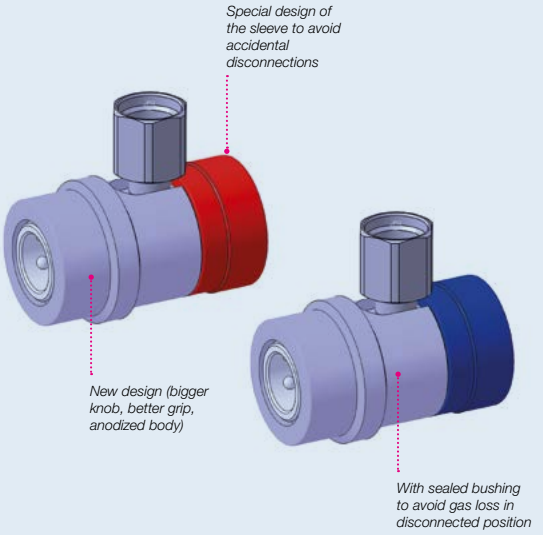
ACR-ACB SERIES

INTERCHANGE > **SAE J639**

Stucchi®





TECHNICAL FEATURES AND OPTIONS

Interchange
SAE J639

Sealing description
HNBR

Connection system
Push - screw

Available sizes
1/4"

Material
Aluminium, Brass

Available threads
SAE - METRIC

Operating pressure
Up to 41 bar

Locking mechanism
Locking ball + screw to connect

Temperature (°C)
-30°C / +130°C

Valving style
Poppet

MAIN APPLICATIONS

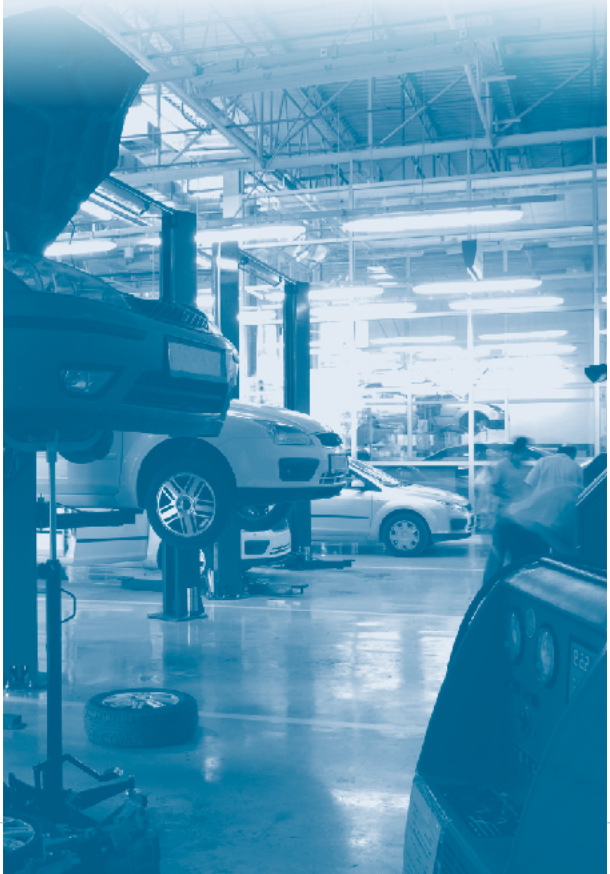


BENEFITS

- New design (bigger knob, better grip, anodized body)
- Compact size
- High quality
- The new range of Stucchi meet all the requirements of the market: R134A, HFO1234YF, upon request conforming VDA
- With sealed bushing to avoid gas spillage in disconnected position
- Special design of the sleeve to avoid accidental disconnections

HOW TO USE

- Before connection, clean the mating surface of the couplings to avoid dirt inclusion in the circuit.
- To connect turn the knob anticlockwise, then pull back the sleeve of the female coupling, align the female with the male coupling and push one into the other until both halves are fully connected and release the sleeve.
- Refill the cooling system used in A/C system of the car by opening the internal valve turning the knob clockwise.
- To disconnect turn the knob anticlockwise (closing the internal valve), pull back the sleeve of the female coupling and pull out the mating half.

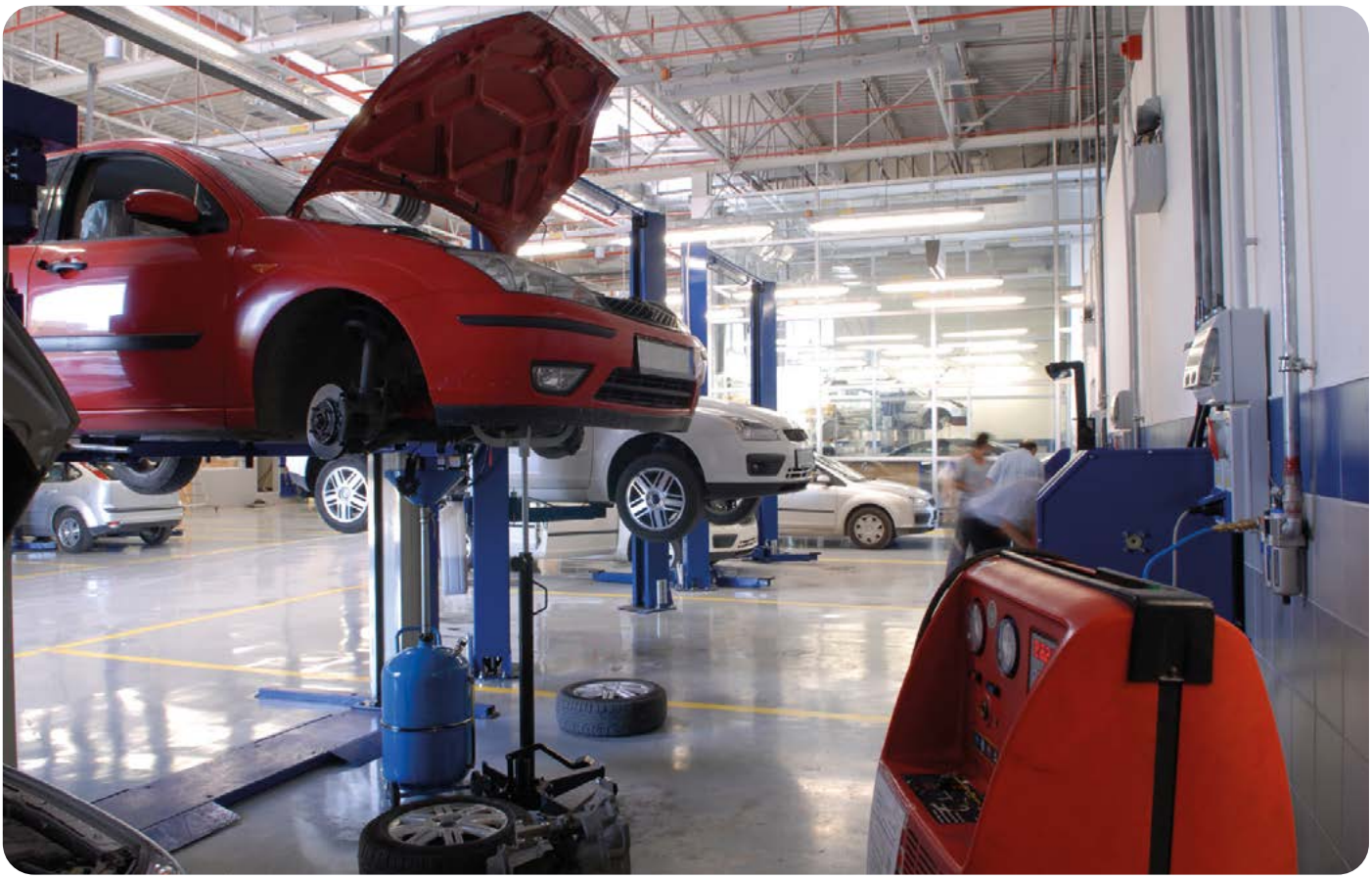


PERFORMANCES

Size	Series/Size	Max. operating pressure		Burst pressure	
in		MPa	psi	MPa	psi
1/4	F ACR/ACB	4.14	600	8,28	1200

- ACR = HIGH PRESSURE version (red color)
- ACB = LOW PRESSURE version (blue color)

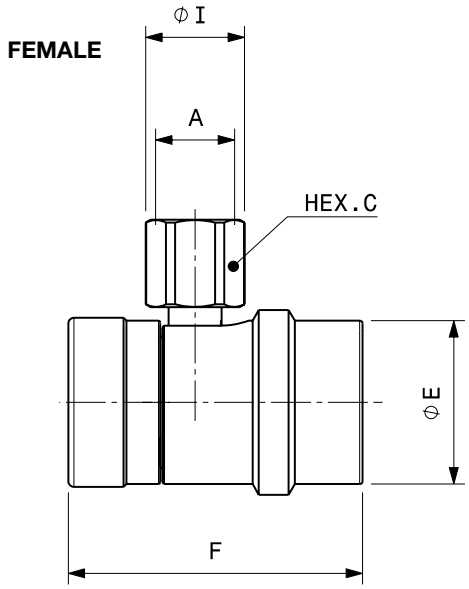
• Standard seal in HNBR



WARNING

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

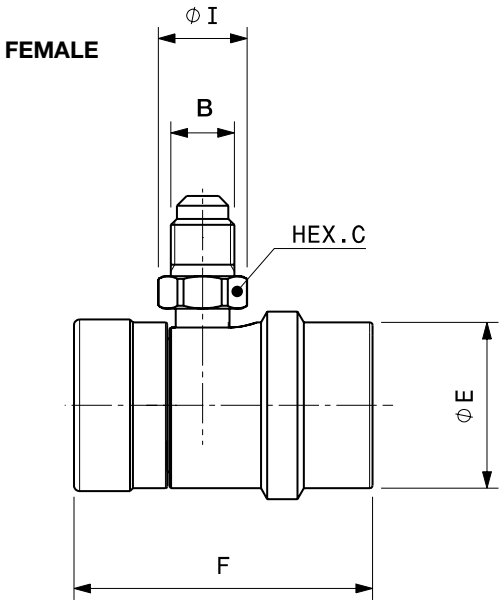
OVERALL DIMENSIONS



Port description: SAE J2197

Model for refrigerant R134A - port M14X1,5

Descriptive Code	Item Code		PORT (A)		Overall Length			Wrench Flat			Diameter			Diameter			Weight	
						mm	in		mm	in		mm	in		mm	in	kg	lb
F ACR M14X1.5 90 J639 R134A	Female Red	**800262360**	A	M14X1.5	F	52,2	2,06	C	16,0	0,63	E	29,0	1,14	I	17,5	0,69	0,16	0,35
F ACB M14X1.5 90 J639 R134A	Female Blue	**800262362**		M14X1.5		52,2	2,06		16,0	0,63		29,0	1,14		17,5	0,69	0,16	0,35

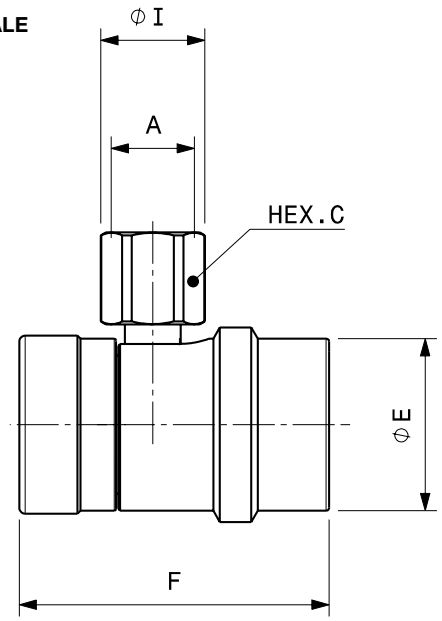


Port description: SAE J2197

Model for refrigerant R134A - port 1/4 SAE45

Descriptive Code	Item Code		PORT (A)		Overall Length			Wrench Flat			Diameter			Diameter			Weight	
						mm	in		mm	in		mm	in		mm	in	kg	lb
F ACR 1/4 SAE45 90 J639 R134A	Female Red	**800255324**	B	1/4 SAE45	F	52,2	2,06	C	14,0	0,55	E	29,0	1,14	I	15,5	0,61	0,16	0,35
F ACB 1/4 SAE45 90 J639 R134A	Female Blue	**800255326**		1/4 SAE45		52,2	2,06		14,0	0,55		29,0	1,14		15,5	0,61	0,16	0,35

FEMALE

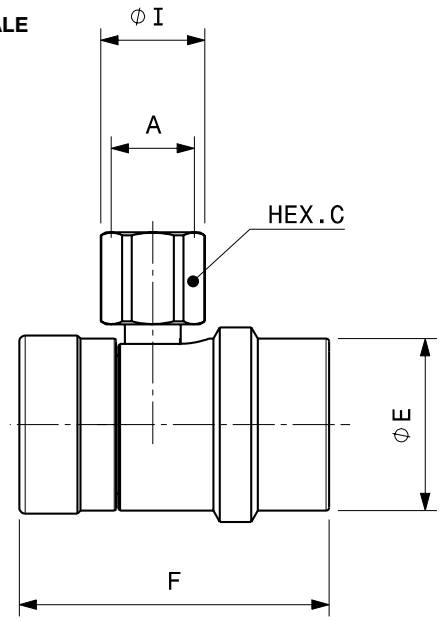


Port description: SAE J2888

Model for refrigerant HFO1234YF, upon request conforming VDA

Descriptive Code	Item Code		PORT (A)	Overall Length				Hex				Diameter				Diameter				Weight	
					mm		in		mm		in		mm		in		mm		in	kg	lb
F ACR M12 VDA R1234YF	Female Red	**800262368**	M12 x 1,5	F	60,8		2,39	C	16,0		0,63	E	29,0		1,14	I	17,5		0,69	0,19	0,42
F ACB M12 VDA R1234YF	Female Blue	**800262370**	M12 x 1,5		59,8		2,35		16,0		0,63		29,0		1,14		17,5		0,69	0,19	0,42

FEMALE



Port description: SAE J2888

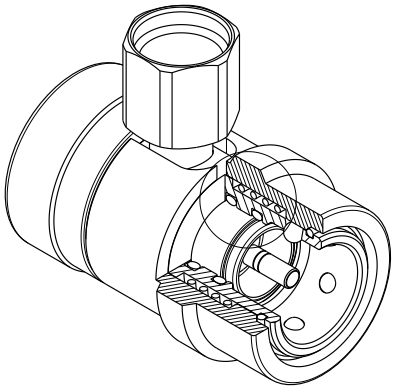
Model for refrigerant HFO1234YF - NOT CONFORMING VDA

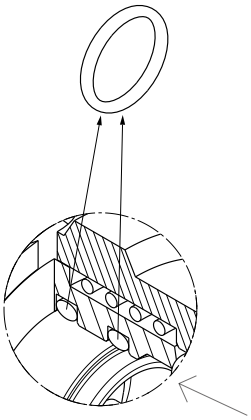
Descriptive Code	Item Code		PORT (A)	Overall Length				Hex				Diameter				Diameter				Weight	
					mm		in		mm		in		mm		in		mm		in	kg	lb
F ACR M12 90 J639 R1234YF	Female Red	**800262364**	M12 x 1,5	F	55,4		2,18	C	16,0		0,63	E	29,0		1,14	I	17,5		0,69	0,19	0,42
F ACB M12 90 J639 R1234YF	Female Blue	**800262366**	M12 x 1,5		53,9		2,12		16,0		0,63		29,0		1,14		17,5		0,69	0,17	0,37



SPARE KIT SEAL FOR FEMALE

Repair kit / OR	
Description	Part Number
SPARE KIT EXTERNAL OR ACR R134A-R1234YF	815701100
SPARE KIT EXTERNAL OR ACB R134A	815701101
SPARE KIT EXTERNAL OR ACB R1234YF	815701102





Push the bushing
to replace the O-Ring

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