

INDUSTRIAL FITTINGS - couplings

MSL couplings with EN 14420-3 (DIN 2817) safety clamps

Coupling material: St (carbon steel), SS (AISI 316Ti), Ms (brass), Al (aluminium)

Seal: Polyurethane (for SS version - PTFE)

Working pressure: 25 bar (for Al version - 16 bar)

A complete hose coupling with aluminium safety clamp and female thread with a swivel nut (for NPT - fixed female thread).

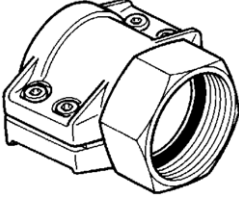
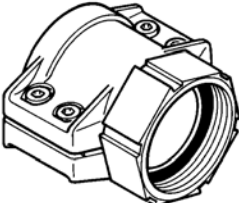
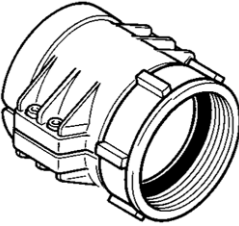
Safety clamps made of other materials and for other hose wall thickness are in "INDUSTRIAL FITTINGS - clip, clamps, ferrules" chapter (only RS-636... and RS-637... clamps).

DN - hose inside diameter x hose wall thickness.

picture	code	DN [mm]	thread	material	seal	weight [kg]	pic.		
<p>1</p>	RS-120135050111	13 x 5 (1/2")	1/2" BSP	St	flat	0.18	1		
	RS-120135050122			SS	flat	0.18	1		
	RS-120135050133			Ms	flat	0.19	1		
	RS-130135050133			Ms	cone	0.19	1		
	RS-120135050310		1/2" NPT	St	thread	0.20	1		
	RS-130135221433		M22x1.5	Ms	cone	0.19	1		
	RS-120135075122		3/4" BSP	SS	flat	0.23	1		
	RS-120135075133			Ms	flat	0.24	1		
	<p>2</p>	RS-120196075111	19 x 6 (3/4")	3/4" BSP	St	flat	0.23	1	
		RS-120196075122			SS	flat	0.20	1	
		RS-120196075133			Ms	flat	0.21	1	
		RS-130196075133			Ms	cone	0.22	1	
		RS-120196075310		3/4" NPT	St	thread	0.26	1	
		RS-130196301433		M30x1.5	Ms	cone	0.27	1	
RS-120196100122		1" BSP		SS	flat	0.24	1		
RS-120196100133				Ms	flat	0.24	1		
<p>1</p>		RS-120256100111	25 x 6 (1")	1" BSP	St	flat	0.32	1	
		RS-120256100122			SS	flat	0.28	1	
		RS-120256100133			Ms	flat	0.26	1	
		RS-130256100133			Ms	cone	0.27	1	
		RS-120256100310		1" NPT	St	thread	0.37	1	
		RS-120256100733		1" NPS	Ms	flat	0.26	1	
	RS-130256381433	M38x1.5		Ms	cone	0.39	1		
	RS-120256125111	1.1/4" BSP		St	flat	0.37	1		
	RS-120256125122		SS	flat	0.34	1			
	<p>2</p>	RS-120256125133	32 x 6 (1.1/4")	1.1/4" BSP	Ms	flat	0.32	1	
		RS-120256150122			1.1/2" BSP	SS	flat	0.43	1
		RS-120256150133				Ms	flat	0.42	2
		RS-120326125111			1.1/4" BSP	St	flat	0.39	1
		RS-120326125122		SS		flat	0.35	1	
RS-120326125133		Ms		flat		0.33	1		
RS-130326125133		Ms		cone		0.37	1		
RS-120326125310		1.1/4" NPT		St	thread	0.45	1		
RS-120326125733		1.1/4" NPS	Ms	flat	0.33	1			
RS-130326451433		M45x1.5	Ms	cone	0.49	1			
RS-120326150122		1.1/2" BSP	SS	flat	0.44	1			
RS-120326150133			Ms	flat	0.41	2			
RS-120326200122		2" BSP	SS	flat	0.56	1			
RS-120326200133			Ms	flat	0.58	2			

INDUSTRIAL FITTINGS - couplings

MSL couplings with EN 14420-3 (DIN 2817) safety clamps

picture	code	DN [mm]	thread	material	seal	weight [kg]	pic.		
	RS-120356150133	35 x 6	1.1/2" BSP	Ms	flat	0.43	2		
	RS-120356200133		2" BSP	Ms	flat	0.58	2		
	RS-120387150111	38 x 6.5 (1.1/2")	1.1/2" BSP	St	flat	0.46	1		
	RS-120387150122			SS	flat	0.42	1		
	RS-120387150133			Ms	flat	0.41	2		
	RS-130387150133			Ms	cone	0.44	2		
	RS-120387150310			1.1/2" NPT	St	thread	0.47	1	
	RS-120387150733			1.1/2" NPS	Ms	flat	0.40	2	
	RS-130387521433		M52x1.5	Ms	cone	0.52	1		
	RS-120387200122		2" BSP	SS	flat	0.58	2		
RS-120387200133	Ms			flat	0.55	2			
	RS-120407150122		40 x 7	1.1/2" BSP	SS	flat	0.55	1	
	RS-120407150133	Ms			flat	0.55	2		
	RS-120407200122	2" BSP		SS	flat	0.70	2		
	RS-120407200133			Ms	flat	0.65	2		
	RS-120457200133	45 x 7	2" BSP	Ms	flat	0.75	2		
	RS-120508200111	50 x 8 (2")	2" BSP	St	flat	0.85	1		
	RS-120508200122			SS	flat	0.71	2		
	RS-120508200133			Ms	flat	0.72	2		
	RS-130508200133			Ms	cone	0.74	2		
	RS-120508200310		2" NPT	St	thread	0.83	1		
	RS-120508200733		2" NPS	Ms	flat	0.72	2		
	RS-130508652433		M65x2	Ms	cone	0.90	1		
	RS-120508250122		2.1/2" BSP	SS	flat	0.98	2		
	RS-120508250133			Ms	flat	0.93	2		
	RS-120657250122		63 x 8 65 x 7 (2.1/2")	2.1/2" BSP	SS	flat	1.20	2	
	RS-120657250133	Ms			flat	1.20	2		
	RS-130657250133	Ms			cone	1.25	2		
	RS-120657250733	2.1/2" NPS		Ms	flat	1.30	1		
	RS-130657782433	M78x2		Ms	cone	1.45	1		
	RS-120657300133	3" BSP		Ms	flat	1.55	2		
	RS-120758300111			St	flat	1.40	1		
		RS-120758300122		75 x 8 (3")	3" BSP	SS	flat	1.52	2
RS-120758300133		Ms	flat			1.60	2		
RS-130758300133		Ms	cone			1.65	2		
RS-120758300733		3" NPS	Ms		flat	1.55	2		
RS-130758902433		M90x2	Ms		cone	1.50	2		
RS-120758550522		5.1/2" DIN 11	SS		flat	5.10	5		
RS-120758550533			Ms		flat	5.30	5		
RS-120758550544			Al		flat	2.45	6		
		RS-120808300133	80 x 8		3" BSP	Ms	flat	1.55	2
		RS-130808102433			M100x2	Ms	cone	2.10	1
	RS-120108400122	100 x 8 (4")	4" BSP	SS	flat	3.90	3		
	RS-120108400133			Ms	flat	3.85	4		
	RS-120108400733		4" NPS	Ms	flat	3.85	4		
	RS-120108550511			St	flat	6.20	5		
	RS-120108550522		5.1/2" DIN 11	SS	flat	5.00	5		
	RS-120108550533			Ms	flat	5.60	5		
	RS-120108550544			Al	flat	3.10	6		

INDUSTRIAL FITTINGS - couplings

VSL couplings with EN 14420-3 (DIN 2817) safety clamps

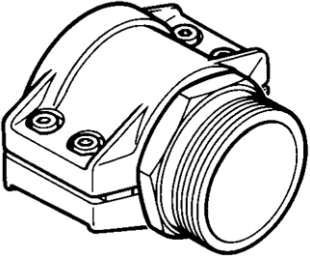
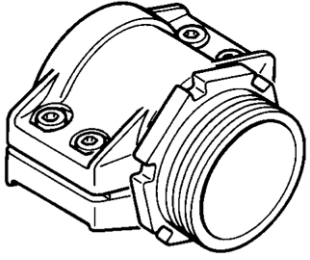
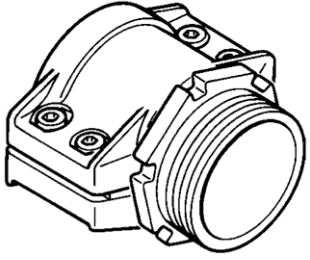
Coupling material: St (carbon steel), SS (AISI 316Ti), Ms (brass), Al (aluminium)

Working pressure: 25 bar (for Al version - 16 bar)

A complete hose coupling with an aluminium safety clamp and male thread.

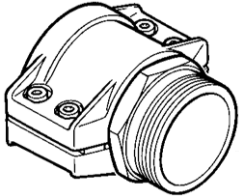
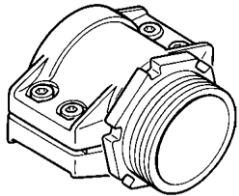
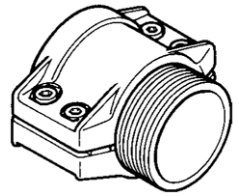
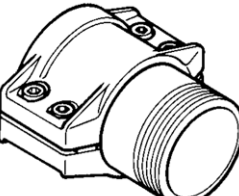
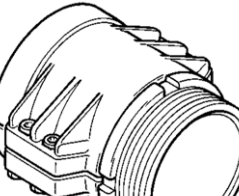
Safety clamps made of other materials and for other hose wall thickness are in "INDUSTRIAL FITTINGS - clip, clamps, ferrules" chapter (only RS 636... and RS-637... clamps).

DN - hose inside diameter x hose wall thickness.

picture	code	DN [mm]	thread	material	seal	weight [kg]	pic.	
	RS-320135050110	13 x 5 (1/2")	1/2" BSPT	St	thread/flat	0.17	1	
	RS-320135050120			SS	thread/flat	0.17	1	
	RS-320135050130			Ms	thread/flat	0.18	1	
	RS-320135050310		1/2" NPT	St	thread	0.18	1	
	RS-320135050320			SS	thread	0.18	1	
	RS-320135050330			Ms	thread	0.19	1	
		RS-320196075110	19 x 6 (3/4")	3/4" BSPT	St	thread/flat	0.24	1
		RS-320196075120			SS	thread/flat	0.24	1
		RS-320196075130			Ms	thread/flat	0.25	1
		RS-320196075310		3/4" NPT	St	thread	0.24	1
RS-320196075320		SS			thread	0.24	1	
RS-320196075330		Ms			thread	0.25	1	
RS-320196100120		1" BSP	SS	flat	0.28	1		
RS-320196100130			Ms	flat	0.29	1		
		RS-320256100110	25 x 6 (1")	1" BSP	St	flat	0.30	1
		RS-320256100120			SS	flat	0.30	1
	RS-320256100130	Ms			flat	0.30	1	
	RS-320256100230	1" BSPT		Ms	thread/flat	0.33	1	
	RS-320256100310	1" NPT		St	thread	0.33	1	
	RS-320256100320			SS	thread	0.33	1	
	RS-320256100330			Ms	thread	0.34	1	
	RS-320256125120	1.1/4" BSP		SS	flat	0.39	1	
	RS-320256125130			Ms	flat	0.37	1	
	RS-320256150120	1.1/2" BSP		SS	flat	0.43	1	
	RS-320256150130			Ms	flat	0.45	1	
	RS-320256200120	2" BSP		SS	flat	0.63	1	
	RS-320256200130			Ms	flat	0.67	1	
	RS-320326125110	32 x 6 (1.1/4")		1.1/4" BSP	St	flat	0.37	1
	RS-320326125120				SS	flat	0.37	1
	RS-320326125130				Ms	flat	0.38	1
	RS-320326125230			1.1/4" BSPT	Ms	thread/flat	0.41	1
	RS-320326125310			1.1/4" NPT	St	thread	0.39	1
RS-320326125320	SS		thread		0.39	1		
RS-320326125330	Ms		thread		0.41	1		
RS-320326150120	1.1/2" BSP		SS	flat	0.42	1		
RS-320326150130			Ms	flat	0.39	1		
RS-320326200120	2" BSP		SS	flat	0.58	1		
RS-320326200130			Ms	flat	0.51	1		
RS-320356150130	35 x 6		1.1/2" BSP	Ms	flat	0.44	1	
RS-320356200130			2" BSP	Ms	flat	0.54	1	

INDUSTRIAL FITTINGS - couplings

VSL couplings with EN 14420-3 (DIN 2817) safety clamps

picture	code	DN [mm]	thread	material	seal	weight [kg]	pic.		
 1	RS-320387150110	38 x 6.5 (1.1/2")	1.1/2" BSP	St	flat	0.39	1		
	RS-320387150120			SS	flat	0.40	1		
	RS-320387150130			Ms	flat	0.44	2		
	RS-320387150230		1.1/2" BSPT	Ms	thread/flat	0.46	2		
	RS-320387150310			St	thread	0.42	1		
	RS-320387150320		1.1/2" NPT	SS	thread	0.42	1		
	RS-320387150330			Ms	thread	0.44	2		
	RS-320387200120		2" BSP	SS	flat	0.52	1		
	RS-320387200130			Ms	flat	0.55	2		
	 2		RS-320407150120	40 x 7	1.1/2" BSP	SS	flat	0.54	1
RS-320407150130		Ms	flat			0.56	1		
RS-320407200120		SS	flat		0.66	1			
RS-320407200130		2" BSP	Ms	flat	0.66	1			
RS-320457200130			45 x 7	2" BSP	Ms	flat	0.82	1	
 3		RS-320508200110	50 x 8 (2")	2" BSP	St	flat	0.67	1	
		RS-320508200120			SS	flat	0.67	2	
		RS-320508201120			SS	flat	0.75	5	
		RS-320508200130			Ms	flat	0.73	2	
		RS-320508200150			PP	flat	0.33	3	
	RS-320508200230	Ms			thread/flat	0.76	2		
	RS-320508200310	2" NPT		St	thread	0.70	1		
	RS-320508200320			SS	thread	0.70	1		
	RS-320508200330			Ms	thread	0.78	2		
	RS-320508250120			2.1/2" BSP	SS	flat	0.98	1	
RS-320508250130	Ms	flat	0.86		1				
 4	RS-320657250120	63 x 8 65 x 7 (2.1/2")	2.1/2" BSP	SS	flat	1.10	2		
	RS-320657250130			Ms	flat	1.10	2		
	RS-320657250230		2.1/2" BSPT	Ms	thread/flat	1.20	2		
	RS-320657250320			SS	thread	1.20	5		
	RS-320657250330			Ms	thread	1.10	2		
	RS-320657300120		3" BSP	SS	flat	1.21	2		
	RS-320657300130			Ms	flat	1.25	2		
	RS-320758300110			75 x 8 (3")	3" BSP	St	flat	1.45	5
	RS-320758300120					SS	flat	1.33	2
	RS-320758301120		SS			flat	1.40	5	
RS-320758300130	Ms	flat	1.40			2			
RS-320758300140	Al	flat	0.81			1			
RS-320758300150	PP	flat	0.62			3			
RS-320758300230	3" BSPT	Ms	thread/flat		1.50	2			
RS-320758300310	3" NPT	St	thread	1.95	4				
RS-320758300320		SS	thread	1.45	5				
RS-320758300330		Ms	thread	1.50	2				
RS-320808300120		80 x 8	3" BSP	SS	flat	1.25	2		
RS-320808300130	Ms			flat	1.30	2			
 5	RS-320108400110	100 x 8 (4")	4" BSP	St	flat	3.10	4		
	RS-320108400120			SS	flat	3.00	2		
	RS-320108400130			Ms	flat	3.21	2		
	RS-320108400140			Al	flat	2.05	5		
	RS-320108400230		4" BSPT	Ms	thread/flat	3.26	2		
	RS-320108400310			St	thread	3.45	4		
	RS-320108400320		4" NPT	SS	thread	3.00	5		
	RS-320108400330			Ms	thread	3.26	2		

INDUSTRIAL FITTINGS - couplings

KKW, KRS couplings

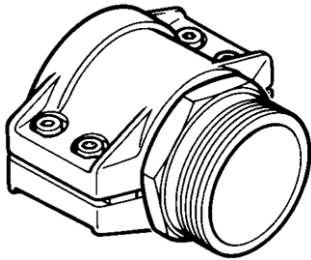
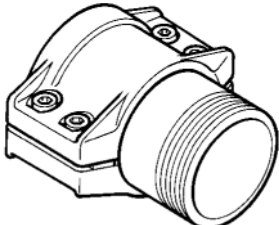
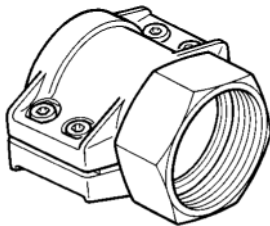
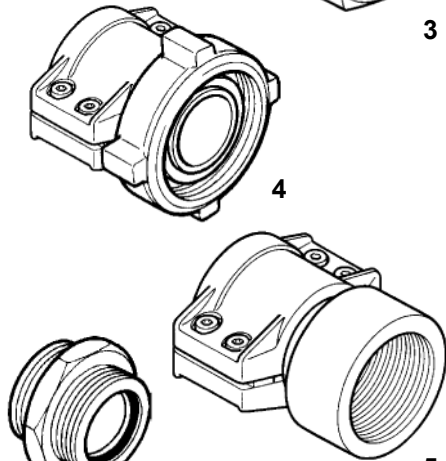
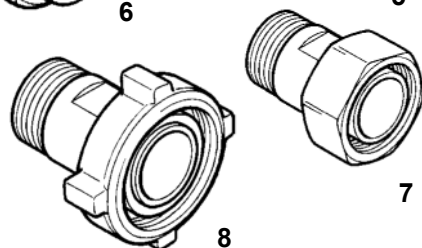
picture	code	thread size [inch]	hose DN [mm]	material
 <p>Fitting with male thread</p> <p>KKW</p>	TW-KKW-025-MS	1	25	brass
	TW-KKW-025-SS			AISI 316
	TW-KKW-032-MS	1.1/4	32	brass
	TW-KKW-032-SS			AISI 316
	TW-KKW-038-MS	1.1/2	38	brass
	TW-KKW-038-SS			AISI 316
	TW-KKW-050-MS	2	50	brass
	TW-KKW-050-SS			AISI 316
	TW-KKW-063-MS	2.1/2	63	brass
	TW-KKW-063-SS			AISI 316
	TW-KKW-075-MS	3	75	brass
	TW-KKW-075-SS			AISI 316
	TW-KKW-100-MS	4	100	brass
	TW-KKW-100-SS			AISI 316
 <p>Fitting with male thread for RS safety clamp</p> <p>KRS</p>	TW-KRS-025-MS	1	25	brass
	TW-KRS-025-SS			AISI 316
	TW-KRS-032-MS	1.1/4	32	brass
	TW-KRS-032-SS			AISI 316
	TW-KRS-038-MS	1.1/2	38	brass
	TW-KRS-038-SS			AISI 316
	TW-KRS-050-MS	2	50	brass
	TW-KRS-050-SS			AISI 316
	TW-KRS-063-MS	2.1/2	63	brass
	TW-KRS-063-SS			AISI 316
	TW-KRS-075-MS	3	75	brass
	TW-KRS-075-SS			AISI 316
	TW-KRS-100-MS	4	100	brass
	TW-KRS-100-SS			AISI 316

INDUSTRIAL FITTINGS - couplings

Threaded couplings for liquid gas (LPG)

Coupling material: St (carbon steel), Ms (brass)
Seal: NBR (only for position 6)
Working pressure: 25 bar

A complete hose coupling with an aluminium safety clamp and male or female thread. Adapters with male thread at both ends or with male thread and female thread with a swivel nut.
 DN - hose inside diameter x hose wall thickness.

picture	code	DN / thread	thread	material	weight [kg]	pic.	
	RS-320135050310	13x5	1/2" NPT	St	0.18	1	
	RS-320196075310	19x6	3/4" NPT	St	0.24	1	
	RS-320196100310		1" NPT	St	0.31	1	
	RS-320256100310	25x6	1" NPT	St	0.33	1	
	RS-320256125310		1.1/4" NPT	St	0.39	1	
	RS-320326100310	32x6	1" NPT	St	0.35	1	
	RS-320326125310		1.1/4" NPT	St	0.39	1	
	RS-320326150310		1.1/2" NPT	St	0.38	1	
	RS-320387150310	38x6.5	1.1/2" NPT	St	0.42	1	
	RS-320508125310	50x8	1.1/4" NPT	St	0.60	1	
	RS-320508200310		2" NPT	St	0.70	1	
	RS-320758200310	75x8	2" NPT	St	1.60	1	
	RS-320758300310		3" NPT	St	1.95	2	
		RS-120135050310	13x5	1/2" NPT	St	0.20	3
		RS-120135175013		1.3/4" ACME	St/Ms	0.36	3
		RS-120196075310	19x6	3/4" NPT	St	0.26	3
RS-120196100310		1" NPT		St	0.35	3	
RS-120196175013		1.3/4" ACME		St/Ms	0.41	3	
RS-120256100310		25x6	1" NPT	St	0.37	3	
RS-120256175013			1.3/4" ACME	St/Ms	0.42	3	
RS-120326100310		32x6	1" NPT	St	0.40	3	
RS-120326125310			1.1/4" NPT	St	0.45	3	
RS-120326175013			1.3/4" ACME	St/Ms	0.46	3	
RS-120326225013			2.1/4" ACME	St/Ms	0.73	4	
RS-120387150310		38x6.5	1.1/2" NPT	St	0.47	3	
RS-120387225013			2.1/4" ACME	St/Ms	0.78	4	
		RS-120508125310	50x8	1.1/4" NPT	St	0.83	3
		RS-120508200310		2" NPT	St	0.83	3
		RS-120508325013		3.1/4" ACME	St/Ms	1.65	4
	RS-120758300310	75x8	3" NPT	St	1.75	5	
	RS-120758325013		3.1/4" ACME	St/Ms	2.85	4	
	RS-410175175010	1.3/4" ACME	1.3/4" ACME	St	0.20	6	
	RS-410225225010	2.1/4" ACME	2.1/4" ACME	St	0.51	6	
	RS-410325325010	3.1/4" ACME	3.1/4" ACME	St	1.40	6	
	RS-160175100031	1.3/4" ACME	1" NPT	St/Ms	0.37	7	
	RS-160225125031	2.1/4" ACME	1.1/4" NPT	St/Ms	0.78	8	
	RS-160325200031	3.1/4" ACME	2" NPT	St/Ms	1.60	8	
	RS-160325200031	3.1/4" ACME	2" NPT	St/Ms	1.60	8	

INDUSTRIAL FITTINGS - couplings

Threaded couplings for cryogenic gases - EIGA



Material: SS (AISI 303 / AISI 304)
Ms - brass

Seal: PTFE

Connections: Female thread, welding neck, flanged connection

Working temp.: Down to -196°C

Operation

EIGA coupling halves are secured together when a coupler (hose unit) connects with an adapter (tank unit). Female thread Tr 90x8 (coupler) is then connected with male thread Tr 89x8 (adapter). The coupler consists of a swivel nut set on a pipe stub with the use of a ball bearing. The pipe stub can either have 2.1/2" female thread or 76.1 x 8 mm welding neck at its end.

Application

Loading and unloading of cryogenic liquefied gases such as CO₂, N₂, Ar, O₂ and a few other. The couplings are specific for each type of gas - they are coded using slots of special dimension on the coupler which mate only with pins on the corresponding adapter. This code systems prevents connecting the coupler of one gas e.g. oxygen with the adapter of the other e.g. nitrogen.

Standard

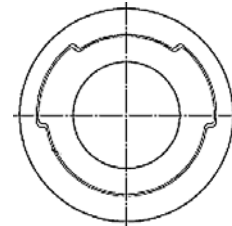
EIGA - EUROPEAN INDUSTRIAL GASES ASSOCIATION. EIGA couplings are manufactured according to EIGA 909/03/E standard (EIGA CRYOGENIC GASES COUPLINGS FOR TANKER FILLING) and meet the requirements of EN 13371.



adapter - tank unit



coupler - hose unit




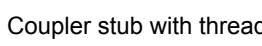






nut code example (N₂)

picture	code	connection	working press. [bar]	medium	material	seal
	EV-830104070064	flange DN65/PN40	40	CO ₂	Ms	PTFE
	EV-830104070061			N ₂		
	EV-830104070062			Ar		
	EV-830104070063			O ₂		
	EV-830004070064			CO ₂	SS	
	EV-830004070061			N ₂		
	EV-830004070062			Ar		
	EV-830004070063			O ₂		
	EV-110102000003	welding end 76.1x8 mm	40	CO ₂	SS	
	EV-110102000000			N ₂		
	EV-110102000001			Ar		
	EV-110102000002			O ₂		
	EV-120000060016	-	40	CO ₂ , N ₂ , Ar, O ₂	PTFE	-
	EV-110106000000	-	-	-	SS	-
	EV-110206000000				PA 6	
	EV-110006000011				Ms	

INDUSTRIAL FITTINGS - couplings

Threaded couplings for cryogenic gases - EIGA

picture	code	connection	work. press. [bar]	medium	material	seal
	EV-830103052065	2.1/2" BSP female thread	40	CO ₂	Ms	
	EV-830103049065			N ₂		
	EV-830103050065			Ar		
	EV-830103051065			O ₂		
	EV-830003052065	2.1/2" BSP female thread	40	CO ₂	SS	
	EV-830003049065			N ₂		
	EV-830003050065			Ar		
	EV-830003051065			O ₂		
	EV-830003052089	welding end 76.1x8 mm	40	CO ₂	SS	
	EV-830003049089			N ₂		
	EV-830003050089			Ar		
	EV-830003051089			O ₂		
	EV-120000000003	-	40	CO ₂	Ms	
	EV-120000000000			N ₂		
	EV-120000000001			Ar		
	EV-120000000002			O ₂	SS	
	EV-110100000003			CO ₂		
	EV-110100000000			N ₂		
	EV-110100000001			Ar		
	EV-110100000002			O ₂		
				EV-120000000012		2.1/2" BSP female thread
EV-110111000003		N ₂ Ar O ₂	SS			
	EV-110111000000	welding end 76.1x8 mm	40	CO ₂ N ₂ Ar O ₂	SS	
	EV-110207000000	-	-	-	PA 6	
	EV-120000000135				Ms	
	EV-120000000048	-	-	CO ₂ N ₂ Ar O ₂	SS	
	EV-120000000031	-	-	-	Ms	

INDUSTRIAL FITTINGS - couplings

Threaded couplings for cryogenic gases - LPG



Material: SS (AISI 304 steel)
Ms (brass)

Seal: PTFE

Connections: Weld-in neck, (option - flange connection)

Working temp.: Down to -196°C

Working press.: Up to 12 bar

Operation:

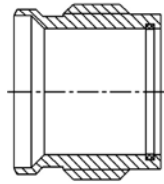
Threaded couplings for application in LNG installations. A coupler (hose unit) connects with an adapter (tank unit) by thread Tr 80x8. The coupler consists of a swivel nut set on a pipe stub. The pipe stub has a welding neck as a standard. The couplings are also available with flange connections.

Application:

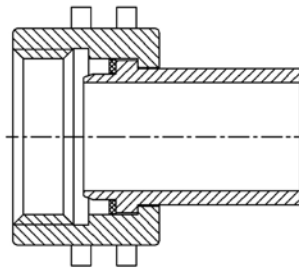
Loading and unloading of LNG (Liquefied Natural Gas) and other liquefied technical gases.

Standard:

Manufactured according to the producer's standard.



adapter - tank unit



coupler - hose unit

picture	code	description	picture	code	description
	EV-LNG-W-065-SS	Adapter with welding neck 76.1x2.9 mm and seal. Material: AISI 304.		EV-LNG-G-065-SS	Coupler with welding neck 63x6.5 mm and seal. Material: AISI 304.
	EV-LNG-Z-Ms	Adapter cap. Material: brass.		EV-LNG-K-Al	Coupler plug. Material: aluminium.
-	EV-LNG-UW	Adapter seal.	-	EV-LNG-UG	Coupler seal.
-	-	-	-	EV-LNG-KL	Wrench for nut.

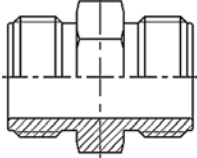
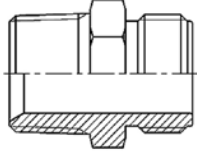
INDUSTRIAL FITTINGS - couplings

Threaded couplings - ADN adapters

Material: Galvanized steel, AISI 316 steel, brass

Working press.: 25 bar

Adapter with male thread at both ends.


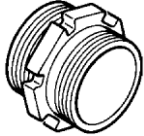
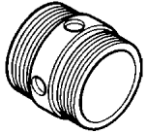
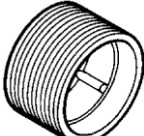
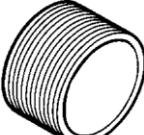
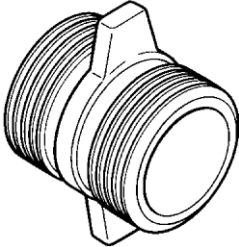
picture	code (galvanized steel)	code (AISI 316)	code (brass)	thread size [inch]
<p>BSP thread</p> 	TI-ADN-01-050-050	TI-ADN-01-050-050-SS	TI-ADN-01-050-050-MS	1/2
	TI-ADN-01-075-075	TI-ADN-01-075-075-SS	TI-ADN-01-075-075-MS	3/4
	TI-ADN-01-100-100	TI-ADN-01-100-100-SS	TI-ADN-01-100-100-MS	1
	TI-ADN-01-125-125	TI-ADN-01-125-125-SS	TI-ADN-01-125-125-MS	1.1/4
	TI-ADN-01-150-150	TI-ADN-01-150-150-SS	TI-ADN-01-150-150-MS	1.1/2
	TI-ADN-01-200-200	TI-ADN-01-200-200-SS	TI-ADN-01-200-200-MS	2
	TI-ADN-01-250-250	TI-ADN-01-250-250-SS	TI-ADN-01-250-250-MS	2.1/2
	TI-ADN-01-300-300	TI-ADN-01-300-300-SS	TI-ADN-01-300-300-MS	3
	TI-ADN-01-400-400	TI-ADN-01-400-400-SS	TI-ADN-01-400-400-MS	4
<p>BSPT / BSP thread</p> 	TI-ADN-02-050-050	TI-ADN-02-050-050-SS	TI-ADN-02-050-050-MS	1/2
	TI-ADN-02-075-075	TI-ADN-02-075-075-SS	TI-ADN-02-075-075-MS	3/4
	TI-ADN-02-100-100	TI-ADN-02-100-100-SS	TI-ADN-02-100-100-MS	1
	TI-ADN-02-125-125	TI-ADN-02-125-125-SS	TI-ADN-02-125-125-MS	1.1/4
	TI-ADN-02-150-150	TI-ADN-02-150-150-SS	TI-ADN-02-150-150-MS	1.1/2
	TI-ADN-02-200-200	TI-ADN-02-200-200-SS	TI-ADN-02-200-200-MS	2
	TI-ADN-02-250-250	TI-ADN-02-250-250-SS	TI-ADN-02-250-250-MS	2.1/2
	TI-ADN-02-300-300	TI-ADN-02-300-300-SS	TI-ADN-02-300-300-MS	3
	TI-ADN-02-400-400	TI-ADN-02-400-400-SS	TI-ADN-02-400-400-MS	4

INDUSTRIAL FITTINGS - couplings

Threaded couplings - DN adapters

Material: SS (AISI 316Ti), Ms (brass), Al (aluminium)

Adapter with male thread at both ends.


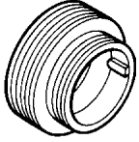
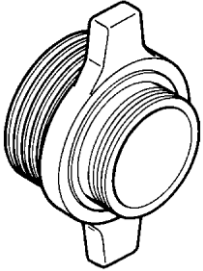
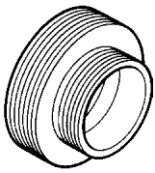
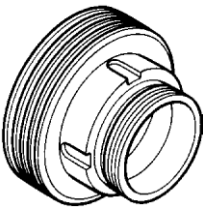
picture	code	thread	material	weight [kg]	pic.	
 <p>1</p>	RS-410050050120	1/2" BSP	SS	0.05	1	
	RS-410050050130		Ms	0.05	1	
		RS-410075075120	3/4" BSP	SS	0.07	1
		RS-410075075130		Ms	0.08	1
	 <p>2</p>	RS-410100100120	1" BSP	SS	0.13	1
		RS-410100100130		Ms	0.13	1
		RS-410125125120	1.1/4" BSP	SS	0.16	1
		RS-410125125130		Ms	0.16	1
 <p>3</p>		RS-410150150120	1.1/2" BSP	SS	0.25	1
		RS-410150150130		Ms	0.21	2
		RS-410200200120	2" BSP	SS	0.33	1
		RS-410200200130		Ms	0.39	2
		RS-430200200130		Ms	0.28	4
		RS-420200200130		Ms	0.28	5
 <p>4</p>	RS-430200200140		Al	0.10	4	
	RS-420200200140		Al	0.09	5	
		RS-410250250120	2.1/2" BSP	SS	0.55	1
		RS-410250250130		Ms	0.77	1
		RS-430250250130		Ms	0.43	4
		RS-420250250130		Ms	0.37	5
RS-430250250140		Al		0.12	4	
RS-420250250140		Al		0.10	5	
 <p>5</p>	RS-410300300120	3" BSP	SS	0.62	1	
	RS-410300300130		Ms	0.67	2	
	RS-430300300130		Ms	0.55	4	
	RS-420300300130		Ms	0.56	5	
	RS-430300300140		Al	0.19	4	
	RS-420300300140		Al	0.20	5	
 <p>6</p>	RS-410400400120	4" BSP	SS	1.05	3	
	RS-410400400130		Ms	1.70	2	
	RS-430400400130		Ms	1.05	4	
	RS-420400400130		Ms	0.85	5	
	RS-430400400140		Al	0.34	4	
	RS-420400400140		Al	0.33	5	
	RS-410550550530	5.1/2" DIN 11	Ms	5.15	6	
	RS-410550550540		Al	1.80	6	

INDUSTRIAL FITTINGS - couplings

Threaded couplings - RN adapters

Material: SS (AISI 316Ti), Ms (brass), Al (aluminium)

Reducing adapter with male thread at both ends.

picture	code	thread		material	seal	weight [kg]	pic.		
 <p style="text-align: right;">1</p>	RS-440050075112	1/2" BSP	3/4" BSP	SS	flat	0.08	1		
	RS-440050075113			Ms	flat	0.09	1		
	RS-440075100112	3/4" BSP	1" BSP	SS	flat	0.13	1		
	RS-440075100113			Ms	flat	0.14	1		
	 <p style="text-align: right;">2</p>	RS-441100381143	1" BSP	M38x1.5	Ms	flat/cone	0.16	1	
RS-440100125112		1.1/4" BSP		SS	flat	0.20	1		
RS-440100125113				Ms	flat	0.22	1		
RS-440100150112		1.1/2" BSP		SS	flat	0.25	1		
RS-440100150113				Ms	flat	0.22	1		
RS-440100200112		2" BSP		SS	flat	0.47	1		
RS-440100200113				Ms	flat	0.31	1		
 <p style="text-align: right;">3</p>		RS-441125451143		1.1/4" BSP	M45x1.5	Ms	flat/cone	0.22	1
		RS-440125150112			1.1/2" BSP	SS	flat	0.22	1
		RS-440125150113				Ms	flat	0.24	1
	RS-440125200112	2" BSP	SS		flat	0.41	1		
	RS-440125200113		Ms		flat	0.34	1		
	RS-441150521143	1.1/2" BSP	M52x1.5		Ms	flat/cone	0.30	1	
	RS-440150200112		2" BSP		SS	flat	0.35	1	
	RS-440150200113	Ms			flat	0.32	1		
	 <p style="text-align: right;">4</p>	RS-441200652143	2" BSP		M65x2	Ms	flat/cone	0.57	1
		RS-440200250112			2.1/2" BSP	SS	flat	0.69	1
RS-440200250113		Ms		flat		0.62	1		
RS-440200300112		3" BSP		SS	flat	0.72	4		
RS-440200300113				Ms	flat	0.66	1		
RS-450200300113				Ms	flat	0.49	2		
RS-450200300114				Al	flat	0.17	2		
 <p style="text-align: right;">5</p>		RS-441250782143		2.1/2" BSP	M78x2	Ms	flat/cone	0.49	1
		RS-460250300112			3" BSP	SS	flat	0.59	4
		RS-440250300113				Ms	flat	0.85	1
	RS-450250300113	Ms	flat			0.55	2		
	RS-441300902143	3" BSP	M90x2			Ms	flat/cone	0.77	1
	RS-460300400112		4" BSP		SS	flat	1.05	4	
	RS-450300400113				Ms	flat	0.79	2	
	RS-450300400114				Al	flat	0.27	2	
	RS-440300550152		5.1/2" DIN 11		SS	flat	3.75	5	
	RS-440300550153				Ms	flat	2.90	1	
RS-440300550154	Al	flat		1.00	1				
RS-440400550152	4" BSP	5.1/2" DIN 11	SS	flat	2.95	5			
RS-440400550153			Ms	flat	4.45	3			
RS-440400550154			Al	flat	1.35	3			

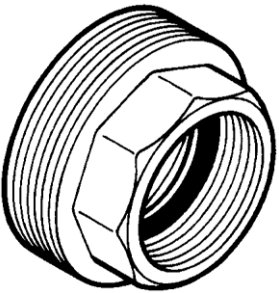
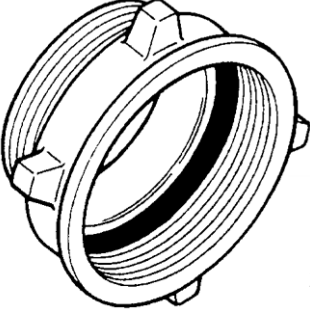
INDUSTRIAL FITTINGS - couplings

Threaded couplings - RS adapters

Material: SS (AISI 316/316 Ti), Ms (brass), Al (aluminium)

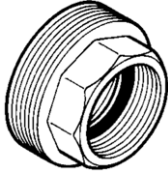
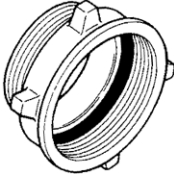
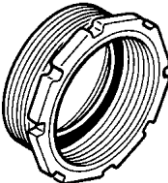
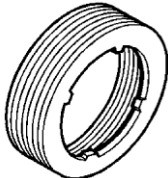
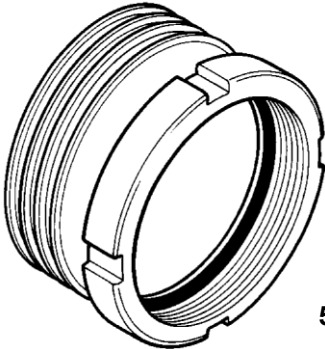
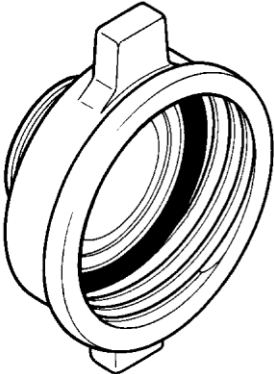
Seal: Polyurethane (for SS version - PTFE)

Reducing adapter with female and male thread.

picture	code	female thread	male thread	material	seal	weight [kg]	pic.	
	RS-500050050113	1/2" BSP	1/2" BSP	Ms	flat	0.06	1	
	RS-500050075112		3/4" BSP	3/4" BSP	SS	flat	0.10	1
	RS-500050075113				Ms	flat	0.11	1
	RS-500075075113	3/4" BSP	3/4" BSP	Ms	flat	0.07	1	
	RS-500075100112		1" BSP	1" BSP	SS	flat	0.14	1
	RS-500075100113				Ms	flat	0.13	1
	RS-500100075112	1" BSP	3/4" BSP	3/4" BSP	SS	flat	0.09	1
	RS-500100075113				Ms	flat	0.09	1
	RS-500100100113		1" BSP	Ms	flat	0.08	1	
	RS-500100100133		1" NPT	Ms	flat/thread	0.11	1	
	RS-500100125112		1.1/4" BSP	1.1/4" BSP	SS	flat	0.14	1
	RS-500100125113				Ms	flat	0.15	1
	RS-500100150112		1.1/2" BSP	1.1/2" BSP	SS	flat	0.21	1
	RS-500100150113				Ms	flat	0.23	1
	RS-500100200112		2" BSP	2" BSP	SS	flat	0.32	1
RS-500100200113	Ms				flat	0.24	1	
RS-500100100313	1" NPT	1" BSP	Ms	thread/flat	0.15	1		
	RS-500125100112	1.1/4" BSP	1" BSP	SS	flat	0.13	1	
	RS-500125100113			Ms	flat	0.14	1	
	RS-500125125113		1.1/4" BSP	Ms	flat	0.15	1	
	RS-500125150112		1.1/2" BSP	1.1/2" BSP	SS	flat	0.22	1
	RS-500125150113				Ms	flat	0.24	1
	RS-500125200112		2" BSP	2" BSP	SS	flat	0.27	1
	RS-500125200113	Ms			flat	0.31	1	
	RS-500150100112	1.1/2" BSP	1" BSP	SS	flat	0.23	1	
	RS-500150100113			Ms	flat	0.25	1	
	RS-500150125112		1.1/4" BSP	1.1/4" BSP	SS	flat	0.22	1
	RS-500150125113				Ms	flat	0.23	1
	RS-500150150113		1.1/2" BSP	1.1/2" BSP	Ms	flat	0.25	1
	RS-500150200112				2" BSP	2" BSP	SS	flat
	RS-500150200113	Ms	flat	0.27			1	
	RS-500200100112	2" BSP	1" BSP	SS	flat	0.27	1	
	RS-500200100113			Ms	flat	0.30	1	
	RS-500200125112		1.1/4" BSP	1.1/4" BSP	SS	flat	0.25	1
	RS-500200125113				Ms	flat	0.32	1
	RS-500200150112		1.1/2" BSP	1.1/2" BSP	SS	flat	0.26	1
	RS-500200150113				Ms	flat	0.35	1
	RS-500200200113		2" BSP	2" BSP	Ms	flat	0.37	1
	RS-500200200133				2" NPT	Ms	flat/thread	0.52
	RS-500200250112		G 2.1/2"	G 2.1/2"	SS	flat	0.40	1
	RS-500200250113				Ms	flat	0.52	2
	RS-500200300112		3" BSP	3" BSP	SS	flat	0.63	1
	RS-500200300113				Ms	flat	0.41	1
	RS-500200200313		2" NPT	2" BSP	Ms	thread/flat	0.39	1

INDUSTRIAL FITTINGS - couplings

Threaded couplings - RS adapters

picture	code	female thread	male thread	material	seal	weight [kg]	pic.	
	RS-500250200112	2.1/2" BSP	2" BSP	SS	flat	0.44	1	
	RS-500250200113			Ms	flat	0.53	2	
	RS-500250250113		3" BSP	2.1/2" BSP	Ms	flat	0.64	1
	RS-500250300112			SS	flat	0.50	1	
	RS-500250300113			Ms	flat	0.48	3	
	RS-500300200112	3" BSP	2" BSP	SS	flat	0.53	1	
	RS-500300200113			Ms	flat	0.85	3	
	RS-500300250112		2.1/2" BSP	SS	flat	0.56	1	
	RS-500300250113			Ms	flat	0.82	3	
	RS-500300300113	3" BSP	3" BSP	Ms	flat	0.78	3	
	RS-500300300133		3" NPT	Ms	flat/thread	0.87	1	
	RS-500300400112		4" BSP	SS	flat	1.05	1	
	RS-500300400113			Ms	flat	0.98	3	
	RS-510300400113			Ms	flat	0.93	4	
	RS-500300550152	5.1/2" DIN 11	5.1/2" DIN 11	SS	flat	3.40	5	
	RS-500300550153			Ms	flat	2.50	1	
	RS-500300550154			Al	flat	0.89	1	
	RS-500300300313	3" NPT	3" BSP	Ms	thread/flat	0.96	1	
	RS-500400300112	4" BSP	3" BSP	SS	flat	0.93	1	
	RS-500400300113			Ms	flat	1.15	2	
	RS-500400400113		G 4"	Ms	flat	1.60	1	
	RS-500400400133	4" NPT	Ms	flat/thread	1.35	1		
	RS-500400550152	5.1/2" DIN 11	5.1/2" DIN 11	SS	flat	2.95	5	
	RS-500400550153			Ms	flat	3.55	6	
	RS-500400550154			Al	flat	1.45	6	
RS-500400400313	4" NPT	4" BSP	Ms	thread/flat	1.55	1		
	RS-500550200512	5.1/2" DIN 11	2" BSP	SS	flat	2.60	6	
	RS-500550200513			Ms	flat	2.90	6	
	RS-500550300512	3" BSP	3" BSP	SS	flat	2.55	6	
	RS-500550300513			Ms	flat	2.95	6	
	RS-500550300514			Al	flat	0.96	6	
	RS-500550400512	4" BSP	4" BSP	SS	flat	2.40	6	
	RS-500550400513			Ms	flat	2.85	6	
	RS-500550400514			Al	flat	0.97	6	