

Series HS • Carbon Steel
Product Description

Screw-to-connect couplings of the HS Series from STAUFF consist of a female body with external thread and a male tip with a screw sleeve. The Series is developed for particularly heavy-duty applications for connecting hydraulic lines up to DN38 (1-1/2").

Coupling (screwing) and uncoupling (unscrewing) of the two halves is safe and very easy. The coupling is designed to open both valves when connected together and due to their rugged design, higher operating and burst pressures, they are well suited for heavy-duty service conditions in construction machinery.

Features

- poppet valve
 - Zinc-Plating and Thick-Film-Passivation (Chrome III)
 - ISO Interchange acc. to ISO 14541
 - Connectable up to 33% of working pressure with tools
 - Self-locking connecting thread
 - Feature: Black O-Ring
- External O-ring as a safety feature to indicate the complete/correct connection of the male tip and female body
(the O-ring must be covered by the sleeve of the female body)

The Series was developed according to ISO 14541 in the following nominal sizes 06, 10, 12, 16, 19, 25, 38 (1/4" - 1-1/2").

The proven design is suitable for use in heavy construction. Other applications include attachments or equipment using high pressure, high impulse hydraulics, e.g. hydraulic hammers.

Applications


**Construction
Machinery**

Top Features


Vibration resistant



**Designed for secure
connection**

HS



Series HS ▪ Carbon Steel

Material	Carbon Steel
Surface Finishing	Zinc-Plating and Thick-Film-Passivation (Chrome III)
Standard Seal Material(s)	NBR (Buna-N®) ²
Working Temperature	-25° C ... +100° C / -13° F ... +212° F
Valve Design	Poppet Valve
Connection	Screw
Disconnection	Screw
Connect Under Pressure	Male Tip/Female Body up to 33% of the Working Pressure with Tools
Application	Construction Machinery
ISO Interchange	ISO 14541 (BG 1-6)



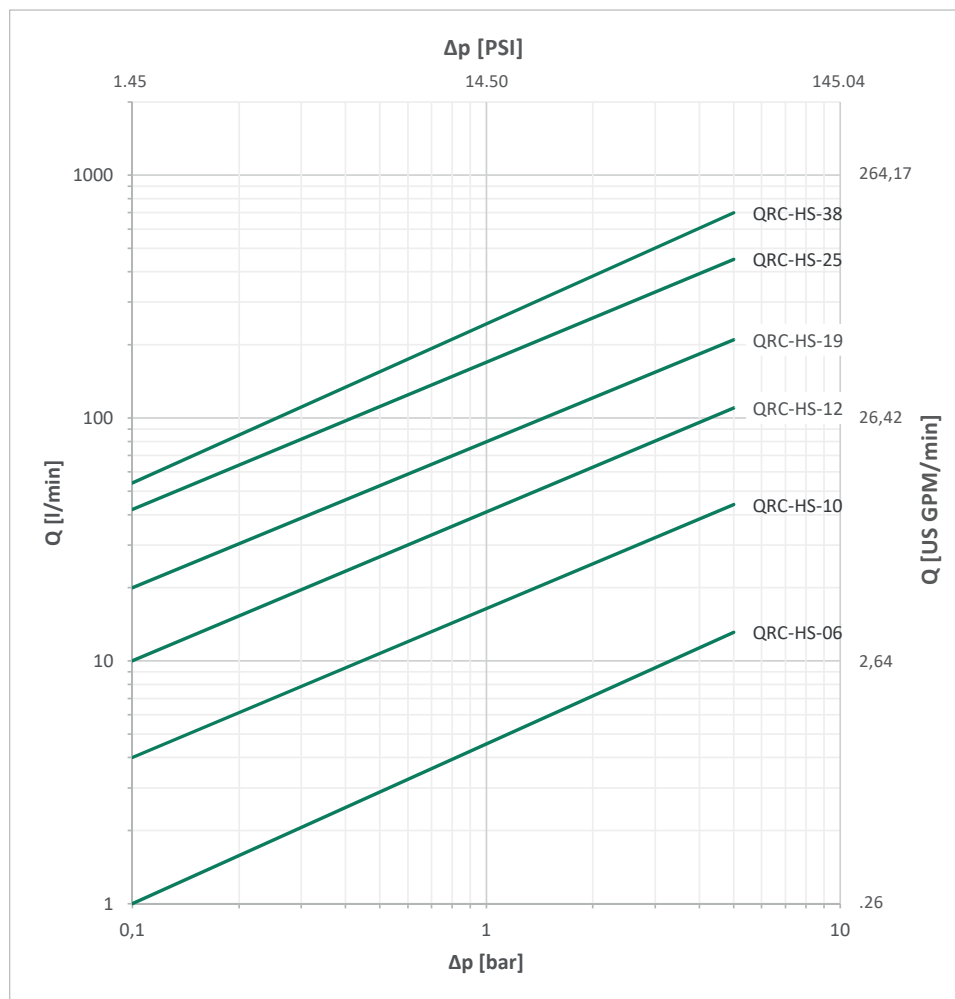
² Alternative seal materials are available on request.

Technical Data

Series	BG	DN Zoll Inch	DN metric ISO 4397	Q _{max}		Working Pressure		Bursting Pressure Connected		Female Body		Male Tip		Spillage	
				l/min	US GPM	bar	PSI	bar	PSI	bar	PSI	bar	PSI	ml	fl oz
HS-06 ("...-HX")	1	1/4"	6,3	20	5.28	450	6527	1800	26107	1400	20305	1400	20305	0,8	.0271
HS-10	2	3/8"	10	40	10.57	450	6527	1600	23206	1750	25382	1550	22481	1,3	.0440
HS-12	3	1/2"	12,5	80	21.13	400	5802	1400	20305	1200	17405	1200	17405	3,1	.1048
HS-19	4	3/4"	19	120	31.70	400	5802	1500	21756	1600	23206	1200	17405	5,6	.1894
HS-25	6	1"	25	160	42.27	300	4351	1180	17114	1500	21756	1100	15954	12,3	.4159
HS-25-...-HX	6	1"	25	160	42.27	350	5076	1180	17114	1500	21756	1100	15954	12,3	.4159
HS-38	8	1 1/2"	38	220	58.12	350	5076	1800	26107	1600	23206	1200	17405	52,3	17.685

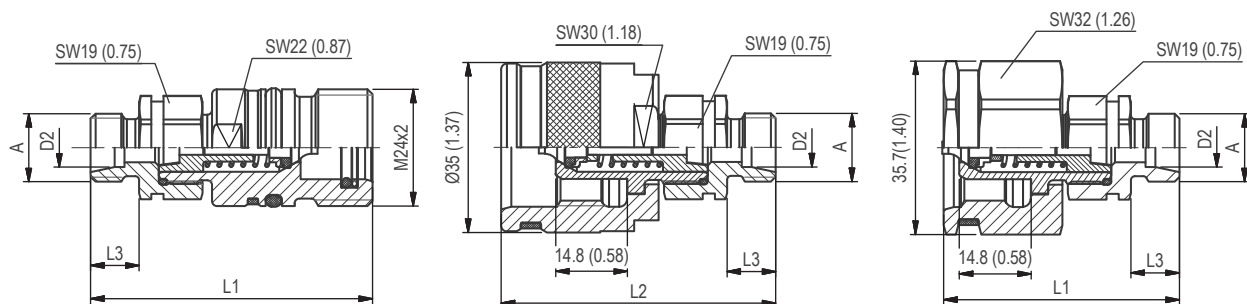
The indicated pressure ratings only apply to the coupling itself and depend on the connection type.

Flow Characteristics



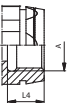
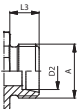
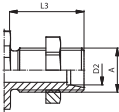
Please note: Unless otherwise stated, all flow characteristics have been determined with hydraulic oil with a kinematic viscosity of 28,8 - 35,2 mm²/s (28,8 - 35,2 cSt) and are only valid for components with non-reducing connections.





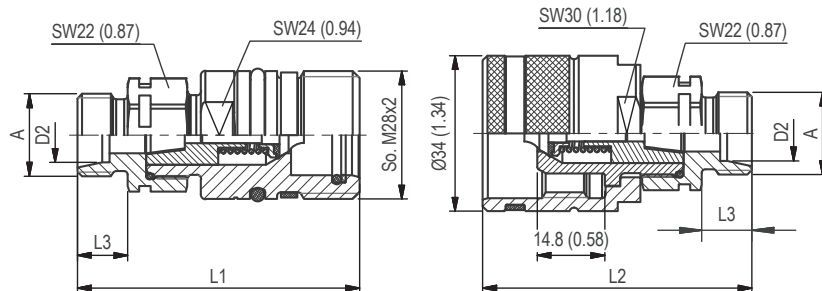
SW: Width across flats. All dimensions in mm (inch).

Series HS-06 ▪ BG 1 ▪ Nominal Size 6,3

	Port A	Dimensions (^{mm} / _{in})					Female Body	Weight (^{kg} / _{lbs}) ca. per 100	Male Tip	Weight (^{kg} / _{lbs}) ca. per 100
		ØD2	L1	L2	L3	L4	Ordering Codes		Ordering Codes	
		Female Thread according to DIN 3852-2-A - ANSI B 1.20.3								
	G 1/4"		60 2.36	59 2.32		13 .51	QRC-HS-06-F-G04-BT-W66	12 26.46	QRC-HS-06-M-G04-BT-W66	18,20 40.12
	NPTF 1/4" -18		60 2.36	59 2.32			QRC-HS-06-F-NF04-BT-W66	12 26.46	QRC-HS-06-M-NF04-B-W66	19 41.89
Male Thread with 24° Conical Bore - Shape W according to DIN 3861										
	M14x1,5	8L	58 2.28	57 2.24	10 .39		QRC-HS-06-F-08L-BT-W66	12,10 26.68	QRC-HS-06-M-08L-B-W66	18,70 41.23
Male Thread with 24° Conical Bore - Bulkhead - Shape W according to DIN 3861										
	M14x1,5	8L	73 2.87	72 2.83	25 .98		QRC-HS-06-F-08LB-BT-W66	13,70 30.20	QRC-HS-06-M-08LB-B-W66	20,30 44.75

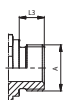
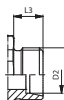
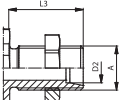
For the Version with Hexagonal Sleeve, please add "-HX" behind the Ordering Code.
Available on request with a safety clamp.

HS

SW: Width across flats. All dimensions in mm (inch).

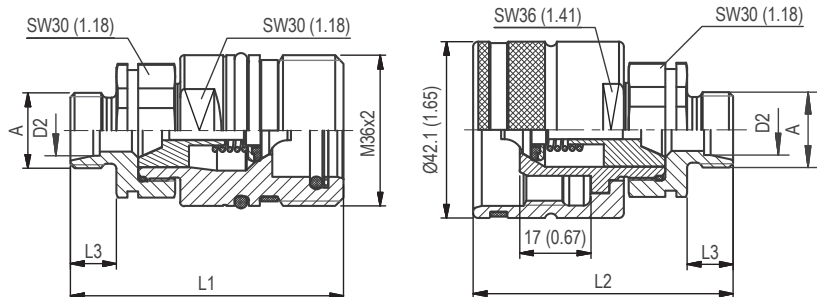
Series HS-10 • BG 2 • Nominal Size 10

	Port A	Dimensions (^{mm} / _{in})					Female Body Ordering Codes	Weight (^{kg} / _{lbs}) ca. per 100	Male Tip Ordering Codes	Weight (^{kg} / _{lbs}) ca. per 100
		ØD2	L1	L2	L3	L4				
Male Thread according to DIN ISO 8434-1										
	G 3/8"		65 2.56	62 2.44	12 .47		QRC-HS-10-F-B06-BT-W66	16,90 37.26	QRC-HS-10-M-B06-B-W66	18,10 39.90
	UNF 3/4" -16		67 2.65	53 2.07	17 .65		QRC-HS-10-F-J08-BT-W66	16 35.27	QRC-HS-10-M-J08-B-W66	17,50 38.58
Female Thread according to DIN 3852-2-A - ISO 9974-1 - ANSI B 1.20.3										
	G1/4"		64 2.52	61 2.40		13 .51	QRC-HS-10-F-G04-BT-W66	18 39.68	QRC-HS-10-M-G04-B-W66	19,20 42.33
	G3/8"		64 2.52	61 2.40		13 .51	QRC-HS-10-F-G06-BT-W66	17,20 37.92	QRC-HS-10-M-G06-B-W66	18,40 40.57
	M16x1,5		64 2.52	61 2.40		13 .51	QRC-HS-10-F-M16-BT-W66	16,10 35.49	QRC-HS-10-M-M16-B-W66	17,40 38.36
	NPTF 3/8" -18		64 2.52	61 2.40			QRC-HS-10-F-NF06-BT-W66	17,30 38.14	QRC-HS-10-M-NF06-B-W66	18,50 40.79
Male Thread with 24° Conical Bore - Shape W according to DIN 3861										
	M14x1,5	8L	61 2.39	58 2.28	10 .39		QRC-HS-10-F-08L-BT-W66	14,40 31.75	QRC-HS-10-M-08L-B-W66	15,80 34.83
	M16x1,5	10L	62 2.43	59 2.32	11 .43		QRC-HS-10-F-10L-BT-W66	15,80 34.83	QRC-HS-10-M-10L-B-W66	16,90 37.26
	M18x1,5	12L	62 2.43	59 2.32	11 .43		QRC-HS-10-F-12L-BT-W66	16 35.27	QRC-HS-10-M-12L-B-W66	17,20 37.92
	M16x1,5	8S	63 2.47	60 2.36	12 .47		QRC-HS-10-F-08S-BT-W66	16,30 35.94	QRC-HS-10-M-08S-B-W66	17,40 38.36
	M18x1,5	10S	63 2.47	60 2.36	12 .47		QRC-HS-10-F-10S-BT-W66	16,40 36.16	QRC-HS-10-M-10S-B-W66	17,60 38.80
	M20x1,5	12S	63 2.47	60 2.36	12 .47		QRC-HS-10-F-12S-BT-W66	15,40 33.95	QRC-HS-10-M-12S-B-W66	17,90 39.46
Male Thread with 24° Conical Bore - Bulkhead - Shape W according to DIN 3861										
	M14x1,5	8L	76 2.98	73 2.87	25 .98		QRC-HS-10-F-08LB-BT-W66	17,20 37.92	QRC-HS-10-M-08LB-B-W66	17,60 38.80
	M16x1,5	10L	77 3.02	74 2.91	26 1.02		QRC-HS-10-F-10LB-BT-W66	18,70 41.23	QRC-HS-10-M-10LB-B-W66	17 37.48
	M22x1,5	15L	78 3.06	75 2.95	27 1.06		QRC-HS-10-F-15LB-BT-W66	23,10 50.93	QRC-HS-10-M-15LB-BT-W66	17,50 38.58
	M16x1,5	08S	78 3.06	5 .20	27 1.06		QRC-HS-10-F-08SB-BT-W66	16 35.27	QRC-HS-10-M-08SB-BT-W66	17 37.48
	M18x1,5	10S	78 3.06	75 2.95	27 1.06		QRC-HS-10-F-10SB-BT-W66	17,50 38.58	QRC-HS-10-M-10SB-B-W66	17,50 38.58
	M20x1,5	12S	78 3.06	75 2.95	27 1.06		QRC-HS-10-F-12SB-BT-W66	31 68.34	QRC-HS-10-M-12SB-B-W66	17,10 37.70

Available on request with a safety clamp and Hexagonal Sleeve.

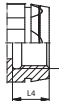
Note: The connection of the two halves of a coupling is achieved depending on the type. It is important to observe the positive engagement of plug-type couplings and the secure tightening of screw-type couplings to the limit stop of the thread. Forced or improper separation will result in malfunction of the coupling.





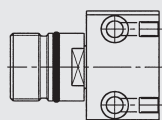
SW: Width across flats. All dimensions in mm (inch).

Series HS-12 ▪ BG 3 ▪ Nominal Size 12,5

	Port A	Dimensions (^{mm} / _{in})					Female Body	Weight (^{kg} / _{lbs}) ca. per 100	Male Tip	Weight (^{kg} / _{lbs}) ca. per 100
		ØD2	L1	L2	L3	L4	Ordering Codes		Ordering Codes	
Male Thread according to DIN 3852-2 - ISO 9974-3										
	G 3/8"		69 2.72	66 2.60	12 .47		QRC-HS-12-F-B06-BT-W66	28,70 63.27	QRC-HS-12-M-B06-B-W66	26,70 58.86
	G 1/2"		69 2.72	66 2.60	12 .47		QRC-HS-12-F-B08-BT-W66	29,50 65.04	QRC-HS-12-M-B08-B-W66	27,10 59.75
	M22x1,5		69 2.72	66 2.60	12 .47		QRC-HS-12-F-M22M-BT-W66	29,60 65.26	QRC-HS-12-M-M22M-B-W66	26,20 57.76
Female Thread according to DIN 3852-2-A - ISO 6149-1 - ANSI B 1.20.3 - SAE J1926-1 - ISO 11926-1										
	G3/8"		67 2.64	64 2.52		15 .59	QRC-HS-12-F-G06-BT-W66	30,80 67.90	QRC-HS-12-M-G06-B-W66	28,80 63.49
	G1/2"		67 2.64	64 2.52		15 .59	QRC-HS-12-F-G08-BT-W66	31,90 70.33	QRC-HS-12-M-G08-B-W66	29,90 65.92
	M18x1,5		67 2.64	64 2.52		15 .59	QRC-HS-12-F-M180R-BT-W66	30,20 66.58	QRC-HS-12-M-M180R-B-W66	28,20 62.17
	M22x1,5		67 2.64	64 2.52		15 .59	QRC-HS-12-F-M220R-BT-W66	29,20 64.37	QRC-HS-12-M-M220R-B-W66	26,60 58.64
	NPTF 1/2" -14		70 2.76	67 2.64			QRC-HS-12-F-NF08-BT-W66	29,60 65.26	QRC-HS-12-M-NF08-B-W66	27,40 60.41
	UNF 7/8" -14		73 2.87	70 2.76		18 .71	QRC-HS-12-F-U10-BT-W66	29,20 64.37	QRC-HS-12-M-U10-B-W66	27 59.52

Available on request with a safety clamp and Hexagonal Sleeve.

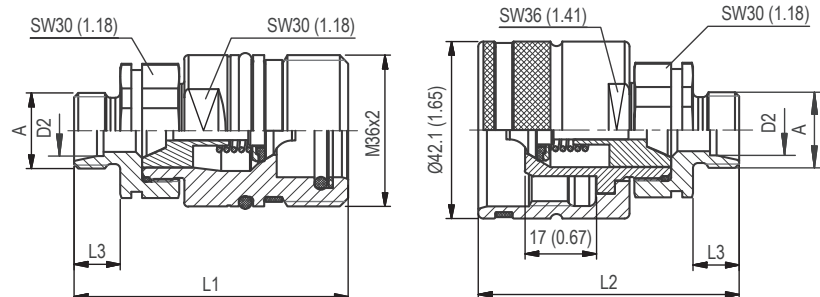
HS



The mating flange is also available for the screw-type carrier Type HS-12, size 1/2", 410 bar (6000 PSI).

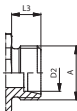
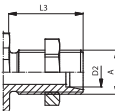
Note: The connection of the two halves of a coupling is achieved depending on the type. It is important to observe the positive engagement of plug-type couplings and the secure tightening of screw-type couplings to the limit stop of the thread. Forced or improper separation will result in malfunction of the coupling.



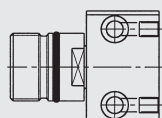


SW: Width across flats. All dimensions in mm (inch).

Series HS-12 ▪ BG 3 ▪ Nominal Size 12,5

	Port A	Dimensions (^{mm} / _{in})					Female Body Ordering Codes	Weight (^{kg} / _{lbs}) ca. per 100	Male Tip Ordering Codes	Weight (^{kg} / _{lbs}) ca. per 100
		ØD2	L1	L2	L3	L4				
		Male Thread with 24° Conical Bore - Shape W according to DIN 3861								
	M14x1,5	8L	64 2.53	61 2.40	10 .39		QRC-HS-12-F-08L-BT-W66	26,40 58.20	QRC-HS-12-M-08L-B-W66	25,40 56.00
	M16x1,5	10L	65 2.57	62 2.44	11 .43		QRC-HS-12-F-10L-BT-W66	27,70 61.07	QRC-HS-12-M-10L-B-W66	25,70 56.66
	M18x1,5	12L	65 2.57	62 2.44	11 .43		QRC-HS-12-F-12L-BT-W66	27,80 61.29	QRC-HS-12-M-12L-B-W66	25,80 56.88
	M22x1,5	15L	66 2.61	63 2.48	12 .47		QRC-HS-12-F-15L-BT-W66	28,40 62.61	QRC-HS-12-M-15L-B-W66	26,40 58.20
	M26x1,5	18L	66 2.61	63 2.48	12 .47		QRC-HS-12-F-18L-BT-W66	28,40 62.61	QRC-HS-12-M-18L-B-W66	26,40 58.20
	M18x1,5	10S	66 2.61	63 2.48	12 .47		QRC-HS-12-F-10S-BT-W66	28,40 62.61	QRC-HS-12-M-10S-B-W66	26,40 58.20
	M20x1,5	12S	66 2.61	63 2.48	12 .47		QRC-HS-12-F-12S-BT-W66	28,40 62.61	QRC-HS-12-M-12S-B-W66	26,40 58.20
	M22x1,5	14S	68 2.69	65 2.56	14 .55		QRC-HS-12-F-14S-BT-W66	29,20 64.37	QRC-HS-12-M-14S-B-W66	27,20 59.97
	M24x1,5	16S	68 2.69	65 2.56	14 .55		QRC-HS-12-F-16S-BT-W66	29,20 64.37	QRC-HS-12-M-16S-B-W66	27,20 59.97
	M30x2	20S	70 2.76	67 2.64	16 .63		QRC-HS-12-F-20S-BT-W66	28,40 62.61	QRC-HS-12-M-20S-B-W66	25,70 56.66
Male Thread with 24° Conical Bore - Bulkhead - Shape W according to DIN 3861										
	M14x1,5	08L	80 3.16	77 3.03	26 1.02		QRC-HS-12-F-08LB-BT-W66	28,60 63.05	QRC-HS-12-M-08LB-B-W66	26,20 57.76
	M16x1,5	10L	80 3.16	77 3.03	26 1.02		QRC-HS-12-F-10LB-BT-W66	30,70 67.68	QRC-HS-12-M-10LB-B-W66	27,50 60.63
	M18x1,5	12L	84 3.31	81 3.19	30 1.18		QRC-HS-12-F-12LB-BT-W66	30,60 67.46	QRC-HS-12-M-12LB-B-W66	26,80 59.08
	M22x1,5	15L	81 3.20	78 3.07	27 1.06		QRC-HS-12-F-15LB-BT-W66	31,40 69.23	QRC-HS-12-M-15LB-B-W66	28,20 62.17
	M26x1,5	18L	81 3.20	78 3.07	27 1.06		QRC-HS-12-F-18LB-BT-W66	36,60 80.69	QRC-HS-12-M-18LB-B-W66	34,60 76.28
	M18x1,5	10S	80 3.16	77 3.03	26 1.02		QRC-HS-12-F-10SB-BT-W66	30,70 67.68	QRC-HS-12-M-10SB-B-W66	28 61.73
	M20x1,5	12S	81 3.20	78 3.07	27 1.06		QRC-HS-12-F-12SB-BT-W66	31,20 68.78	QRC-HS-12-M-12SB-B-W66	28,80 63.49
	M22x1,5	14S	83 3.28	80 3.15	29 1.14		QRC-HS-12-F-14SB-BT-W66	32,80 72.31	QRC-HS-12-M-14SB-B-W66	30,40 67.02
	M24x1,5	16S	83 3.28	80 3.15	29 1.14		QRC-HS-12-F-16SB-BT-W66	34,20 75.40	QRC-HS-12-M-16SB-B-W66	31,60 69.67

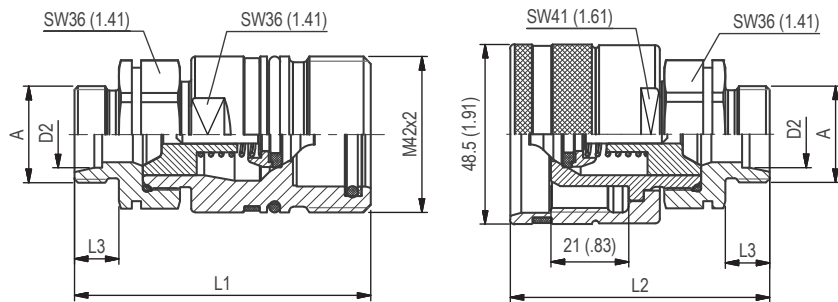
Available on request with a safety clamp and Hexagonal Sleeve.



The mating flange is also available for the screw-type carrier Type HS-12, size 1/2", 410 bar (6000 PSI).

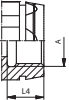
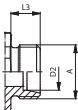
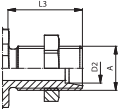
Note: The connection of the two halves of a coupling is achieved depending on the type. It is important to observe the positive engagement of plug-type couplings and the secure tightening of screw-type couplings to the limit stop of the thread. Forced or improper separation will result in malfunction of the coupling.





SW: Width across flats. All dimensions in mm (inch).

Series HS-19 • BG 4 • Nominal Size 19

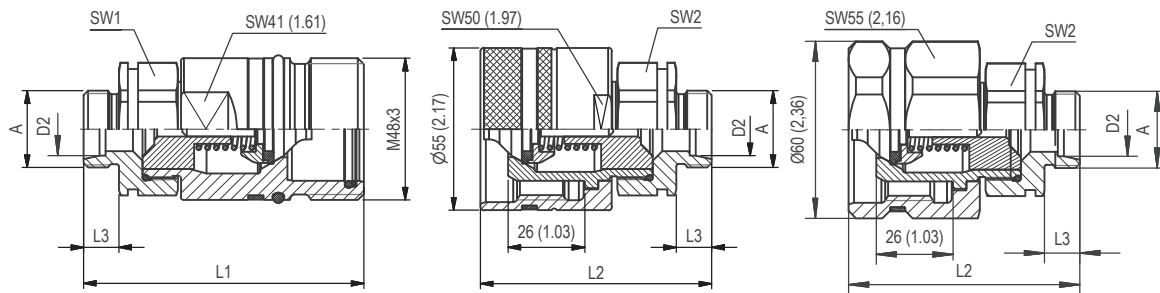
	Port A	Dimensions (mm/in)					Female Body	Weight (^{kg} /lbs) ca. per 100	Male Tip	Weight (^{kg} /lbs) ca. per 100	
		ØD2	L1	L2	L3	L4					Ordering Codes
Female Thread according to DIN 3852-2-A - ISO 9974-1 - ANSI B 1.20.3											
	G1/2"		86 3.39	75 2.95		19 .75	QRC-HS-19-F-G08-BT-W66	52,60 115.96	QRC-HS-19-M-G08-B-W66	50,40 111.11	
	G3/4"		86 3.39	75 2.95		19 .75	QRC-HS-19-F-G12-BT-W66	63,60 140.21	QRC-HS-19-M-G12-B-W66	47,60 104.94	
	M22x1,5		86 3.39	75 2.95		19 .75	QRC-HS-19-F-M22-BT-W66	55 121.25	QRC-HS-19-M-M22-B-W66	49 108.03	
	NPTF 3/4" -14		86 3.39	75 2.95			QRC-HS-19-F-NF12-BT-W66	55 121.25	QRC-HS-19-M-NF12-B-W66	47,60 104.94	
	Male Thread with 24° Conical Bore - Shape W according to DIN 3861										
		M18x1,5	12L	79 3.11	69 2.72	11 .43		QRC-HS-19-F-12L-BT-W66	46 101.41	QRC-HS-19-M-12L-B-W66	40,80 89.95
		M22x1,5	15L	80 3.15	70 2.76	12 .47		QRC-HS-19-F-15L-BT-W66	46,60 102.74	QRC-HS-19-M-15L-B-W66	41,30 91.05
		M26x1,5	18L	80 3.15	70 2.76	12 .47		QRC-HS-19-F-18L-BT-W66	47,90 105.60	QRC-HS-19-M-18L-B-W66	41,90 92.37
M30x2		22L	82 3.23	72 2.83	14 .55		QRC-HS-19-F-22L-BT-W66	49,20 108.47	QRC-HS-19-M-22L-B-W66	43,10 95.02	
M24x1,5		16S	82 3.23	72 2.83	14 .55		QRC-HS-19-F-16S-BT-W66	47,40 104.50	QRC-HS-19-M-16S-B-W66	40,20 88.63	
M30x2		20S	84 3.31	74 2.91	16 .63		QRC-HS-19-F-20S-BT-W66	50 110.23	QRC-HS-19-M-20S-B-W66	44 97	
Male Thread with 24° Conical Bore - Bulkhead - Shape W according to DIN 3861											
		M18x1,5	12L	94 3.70	84 3.31	26 1.02		QRC-HS-19-F-12LB-BT-W66	48,80 107.59	QRC-HS-19-M-12LB-B-W66	42,20 93.04
	M22x1,5	15L	95 3.74	85 3.35	27 1.06		QRC-HS-19-F-15LB-BT-W66	51 112.44	QRC-HS-19-M-15LB-B-W66	43,80 96.56	
	M26x1,5	18L	95 3.74	85 3.35	27 1.06		QRC-HS-19-F-18LB-BT-W66	55,70 122.80	QRC-HS-19-M-18LB-B-W66	47,50 104.72	
	M30x2	22L	104 4.09	94 3.70	36 1.42		QRC-HS-19-F-22LB-BT-W66	59,40 130.95	QRC-HS-19-M-22LB-B-W66	52,40 115.52	
	M24x1,5	16S	97 3.82	87 3.43	29 1.14		QRC-HS-19-F-16SB-BT-W66	53,40 117.73	QRC-HS-19-M-16SB-B-W66	46,20 101.85	
	M30x2	20S	104 4.09	94 3.70	36 1.42		QRC-HS-19-F-20SB-BT-W66	62,40 137.57	QRC-HS-19-M-20SB-B-W66	56,50 124.56	

Available on request with a safety clamp and Hexagonal Sleeve.

HS

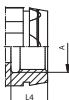
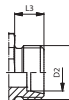
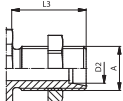
Note: The connection of the two halves of a coupling is achieved depending on the type. It is important to observe the positive engagement of plug-type couplings and the secure tightening of screw-type couplings to the limit stop of the thread. Forced or improper separation will result in malfunction of the coupling.





SW: Width across flats. All dimensions in mm (inch).

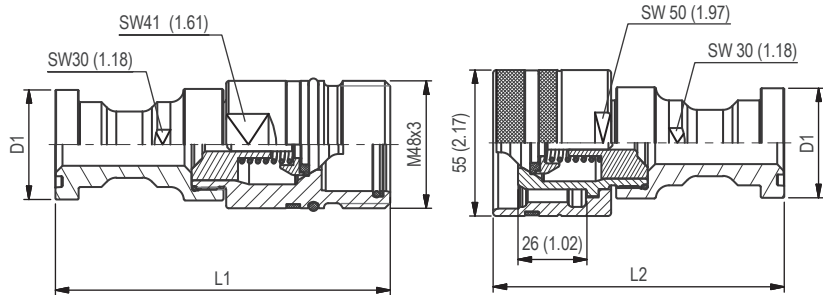
Series HS-25 • BG 6 • Nominal Size 25

	Port A	Dimensions (mm/in)						Female Body	Weight (^{kg/lbs}) ca.	Male Tip	Weight (^{kg/lbs}) ca.
		ØD2	L1	L2	L3	L4	SW1 SW2	Ordering Codes	per 100	Ordering Codes	per 100
Female Thread according to DIN 3852-2-A - ANSI B 1.20.3											
	G3/4"		98 3.86	81 3.19		19 .75	41 1.61	41 1.61	QRC-HS-25-F-G12-BT-W66 78,10 172.18	QRC-HS-25-M-G12-B-W66	68,80 151.68
	G1"		98 3.86	81 3.19		19 .75	41 1.61	41 1.61	QRC-HS-25-F-G16-BT-W66 73,80 162.70	QRC-HS-25-M-G16-B-W66	64,50 142.20
	NPTF 1" -11 1/2		98 3.86	81 3.19			41 1.61	41 1.61	QRC-HS-25-F-NF16-BT-W66 78 171.96	QRC-HS-25-M-NF16-B-W66	60,10 132.50
Male Thread with 24° Conical Bore - Shape W according to DIN 3861											
	M26x1,5	18L	95 3.74	78 3.07	12 .47		41 1.61	41 1.61	QRC-HS-25-F-18L-BT-W66 70,90 156.31	QRC-HS-25-M-18L-B-W66	61,60 135.80
	M30x2	22L	97 3.82	80 3.15	14 .55		41 1.61	41 1.61	QRC-HS-25-F-22L-BT-W66 71,50 157.63	QRC-HS-25-M-22L-B-W66	62,20 137.13
	M36x2	28L	97 3.82	80 3.15	14 .55		41 1.61	41 1.61	QRC-HS-25-F-28L-BT-W66 72 158.73	QRC-HS-25-M-28L-B-W66	67,20 148.15
	M45x2	35L	99 3.90	82 3.23	16 .63		46 1.81	46 1.81	QRC-HS-25-F-35L-BT-W66 80,50 177.47	QRC-HS-25-M-35L-B-W66	71,30 157.19
	M30x2	20S	99 3.90	82 3.23	16 .63		41 1.61	41 1.61	QRC-HS-25-F-20S-BT-W66 73,10 161.16	QRC-HS-25-M-20S-B-W66	63,90 140.88
	M36x2	25S	101 3.98	84 3.31	18 .71		41 1.61	41 1.61	QRC-HS-25-F-25S-BT-W66 75,30 166.01	QRC-HS-25-M-25S-B-W66	66 145.51
	M42x2	30S	103 4.06	86 3.39	20 .79		41 1.61	41 1.61	QRC-HS-25-F-30S-BT-W66 87,10 192.02	QRC-HS-25-M-30S-B-W66	65 143.30
	M52x2	38S	105 4.13	88 3.46	22 .87		55 2.17	55 2.17	QRC-HS-25-F-38S-BT-W66 108 238.10	QRC-HS-25-M-38S-B-W66	90,10 198.64
	Male Thread with 24° Conical Bore - Bulkhead - Shape W according to DIN 3861										
	M22x1,5	15L	110 4.33	93 3.66	27 1.06		41 1.61	41 1.61	QRC-HS-25-F-15LB-BT-W66 82 180.78	QRC-HS-25-M-15LB-B-W66	62 136.69
	M26x1,5	18L	115 4.53	98 3.86	32 1.26		41 1.61	41 1.61	QRC-HS-25-F-18LB-BT-W66 76,60 168.87	QRC-HS-25-M-18LB-B-W66	63,80 140.65
	M30x2	22L	117 4.61	100 3.94	34 1.34		41 1.61	41 1.61	QRC-HS-25-F-22LB-BT-W66 86,10 189.82	QRC-HS-25-M-22LB-B-W66	65 143.30
	M36x2	28L	117 4.61	100 3.94	34 1.34		41 1.61	41 1.61	QRC-HS-25-F-28LB-BT-W66 89,90 198.20	QRC-HS-25-M-28LB-B-W66	69 152.12
	M30x2	20S	121 4.76	104 4.09	38 1.50		41 1.61	41 1.61	QRC-HS-25-F-20SB-BT-W66 94 207.23	QRC-HS-25-M-20SB-B-W66	70,60 155.65
	M36x2	25S	121 4.76	104 4.09	38 1.50		41 1.61	41 1.61	QRC-HS-25-F-25SB-BT-W66 94,70 208.78	QRC-HS-25-M-25SB-B-W66	74 163.14
	M42x2	30S	123 4.84	106 4.17	40 1.57		46 1.81	46 1.81	QRC-HS-25-F-30SB-BT-W66 104 229.28	QRC-HS-25-M-30SB-B-W66	85 187.39
	M52x2	38S	123 4.84	106 4.17	40 1.57		55 2.17	55 2.17	QRC-HS-25-F-38SB-BT-W66 140,40 309.53	QRC-HS-25-M-38SB-B-W66	85 187.39

For the Version with Hexagonal Sleeve, please add "-HX" behind the Ordering Code.
Available on request with a safety clamp.

Note: The connection of the two halves of a coupling is achieved depending on the type. It is important to observe the positive engagement of plug-type couplings and the secure tightening of screw-type couplings to the limit stop of the thread. Forced or improper separation will result in malfunction of the coupling.

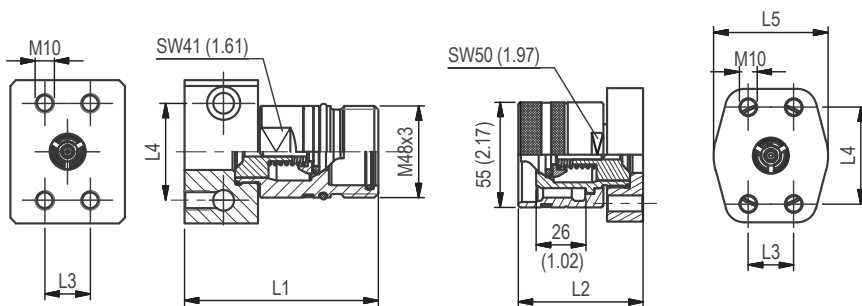




SW: Width across flats. All dimensions in mm (inch).

Series HS-25 ▪ BG 6 ▪ Nominal Size 25

Flange	Dimensions (mm/in)						Female Body	Weight	Male Tip	Weight
	ØD1	L1	L2	L3	L4	L5	Ordering Codes	(^{kg} /lbs) ca. per 100	Ordering Codes	(^{kg} /lbs) ca. per 100
3/4"	41,3	127 1.63	110 5.00				QRC-HS-25-F-F612-BT-W66	85,20 187.83	QRC-HS-25-M-F612-B-W66	76 167.55
1"	47,6	129 1.87	112 5.08				QRC-HS-25-F-F616-BT-W66	93,20 205.47	QRC-HS-25-M-F616-B-W66	83,90 184.97



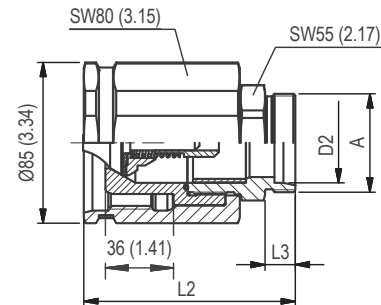
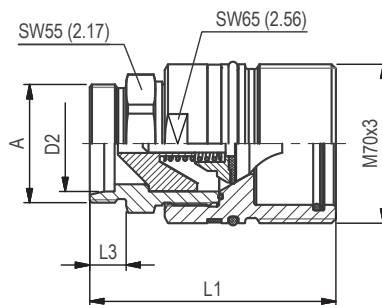
SW: Width across flats. All dimensions in mm (inch).

Flange	Dimensions (mm/in)						Female Body	Weight	Male Tip	Weight
	ØD2	L1	L2	L3	L4	L5	Ordering Codes	(^{kg} /lbs) ca. per 100	Ordering Codes	(^{kg} /lbs) ca. per 100
3/4"		102 4.02	65 2.56	23,8 .94	50,8 2.00	60 2.36	QRC-HS-25-F-C612M-B-W66-700514	163,10 359.57	QRC-HS-25-M-C612M-B-W66	87,70 193.35

HS

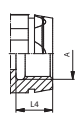
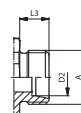
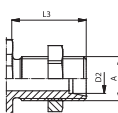
Note: The connection of the two halves of a coupling is achieved depending on the type. It is important to observe the positive engagement of plug-type couplings and the secure tightening of screw-type couplings to the limit stop of the thread. Forced or improper separation will result in malfunction of the coupling.





SW: Width across flats. All dimensions in mm (inch).

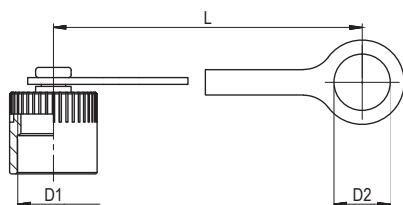
Series HS-38 • BG 8 • Nominal Size 38

	Port A	Dimensions (mm/in)					Female Body	Weight (^{kg} /lbs) ca. per 100	Male Tip	Weight (^{kg} /lbs) ca. per 100
		ØD2	L1	L2	L3	L4				
		Ordering Codes								
Female Thread according to DIN 3852-2-A / Innengewinde DIN 3852-2-A										
	G 1" 1/4		125 4.92	131 5.16		29 1.14	QRC-HS-38-F-G20-BT-W66	190,70 420.42	QRC-HS-38-M-G20-B-W66	276,60 609.80
	G 1" 1/2		127 5.00	134 5.28		31 1.22	QRC-HS-38-F-G24-BT-W66	184,90 407.63	QRC-HS-38-M-G24-B-W66	270,80 597.01
Male Thread with 24° Conical Bore - Shape W according to DIN 3861										
	M45x2	35L	105 4.11	112 4.39	16 .63		QRC-HS-38-F-35L-BT-W66	156 343.92	QRC-HS-38-M-35L-B-W66	209 460.77
	M52x2	42L	105 4.11	112 4.39	16 .63		QRC-HS-38-F-42L-BT-W66	162 357.15	QRC-HS-38-M-42L-B-W66	215 473.99
			112 4.41	119 4.69	20 .79		QRC-HS-38-F-30S-BT-W66	157,20 346.57	QRC-HS-38-M-30S-B-W66	209,20 461.21
	M42x2	30S	112 4.41	119 4.69	20 .79		QRC-HS-38-F-30S-BT-W66	157,20 346.57	QRC-HS-38-M-30S-B-W66	209,20 461.21
			112 4.41	118 4.65	22 .87		QRC-HS-38-F-38S-BT-W66	162,40 358.03	QRC-HS-38-M-38S-B-W66	215,30 474.66
	M52x2	38S	112 4.41	118 4.65	22 .87		QRC-HS-38-F-38S-BT-W66	162,40 358.03	QRC-HS-38-M-38S-B-W66	215,30 474.66
	Male Thread with 24° Conical Bore - Bulkhead - Shape W according to DIN 3861									
	M45x2	35L	125 4.90	132 5.18	36 1.42		QRC-HS-38-F-35LB-BT-W66	173 381.40	QRC-HS-38-M-35LB-B-W66	234 515.88
			129 5.08	132 5.20	36 1.42		QRC-HS-38-F-42LB-BT-W66	172,50 380.30	QRC-HS-38-M-42LB-B-W66	233,50 514.78
	M52x2	42L	129 5.08	132 5.20	36 1.42		QRC-HS-38-F-42LB-BT-W66	172,50 380.30	QRC-HS-38-M-42LB-B-W66	233,50 514.78
			133 5.24	140 5.51	40 1.57		QRC-HS-38-F-30SB-BT-W66	182,40 402.12	QRC-HS-38-M-30SB-B-W66	268,30 591.50
	M42x2	30S	133 5.24	140 5.51	40 1.57		QRC-HS-38-F-30SB-BT-W66	182,40 402.12	QRC-HS-38-M-30SB-B-W66	268,30 591.50
			132 5.20	139 5.47	40 1.57		QRC-HS-38-F-38SB-BT-W66	173 381.40	QRC-HS-38-M-38SB-B-W66	279,30 615.75
	M52x2	38S	132 5.20	139 5.47	40 1.57		QRC-HS-38-F-38SB-BT-W66	173 381.40	QRC-HS-38-M-38SB-B-W66	279,30 615.75

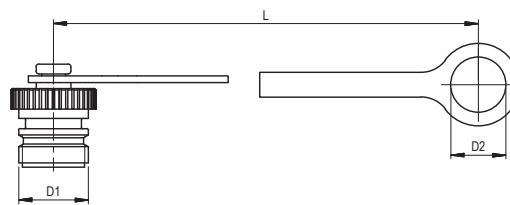
Available on request with a safety clamp.

Note: The connection of the two halves of a coupling is achieved depending on the type. It is important to observe the positive engagement of plug-type couplings and the secure tightening of screw-type couplings to the limit stop of the thread. Forced or improper separation will result in malfunction of the coupling.

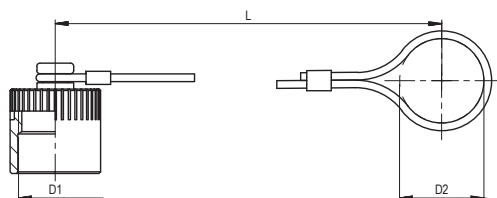


Series HS • Dust Protection


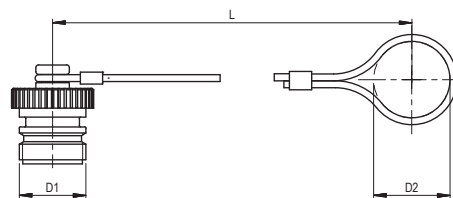
Dimensions (mm/in)			Material	Dust Cap for Female Body
D1	D2	L		Ordering Codes
M24x2	19 .75	180 7.09	Plastic (Colour: Red)	QRC-HS-06-DF-19-K-RD
M28x2	23 .91	180 7.09	Plastic (Colour: Red)	QRC-HS-10-DF-23-K-RD
M36x2	29,5 1.16	185 7.28	Plastic (Colour: Red)	QRC-HS-12-DF-30-K-RD
M42x2	36,5 1.44	190 7.48	Plastic (Colour: Red)	QRC-HS-19-DF-37-K-RD
M48x3	41 1.61	190 7.48	Plastic (Colour: Red)	QRC-HS-25-DF-41-K-RD
M70x3	55 2.17	201 7.91	Plastic (Colour: Red)	QRC-HS-38-DF-55-K-RD



Dimensions (mm/in)			Material	Dust Plug for Male Tip
D1	D2	L		Ordering Codes
M24x2	19 .75	180 7.09	Plastic (Colour: Red)	QRC-HS-06-DM-19-K-RD
M28x2	23 .91	180 7.09	Plastic (Colour: Red)	QRC-HS-10-DM-23-K-RD
M36x2	29,5 1.16	185 7.28	Plastic (Colour: Red)	QRC-HS-12-DM-30-K-RD
M42x2	36,5 1.44	190 7.48	Plastic (Colour: Red)	QRC-HS-19-DM-37-K-RD
M48x3	41 1.61	190 7.48	Plastic (Colour: Red)	QRC-HS-25-DM-41-K-RD
M70x3	55 2.17	201 7.91	Plastic (Colour: Red)	QRC-HS-38-DM-55-K-RD



Dimensions (mm/in)			Material	Dust Cap for Female Body
D1	D2	L		Ordering Codes
M24x2			Aluminium with steel cable	QRC-HS-06-DF-19-W89-SI
M28x2			Aluminium with steel cable	QRC-HS-10-DF-23-W89-SI
M36x2			Aluminium with steel cable	QRC-HS-12-DF-30-W89-SI
M42x2			Aluminium with steel cable	QRC-HS-19-DF-37-W89-SI
M48x3			Aluminium with steel cable	QRC-HS-25-DF-41-W89-SI
M70x3			Aluminium with steel cable	QRC-HS-38-DF-55-W89-SI



Dimensions (mm/in)			Material	Dust Plug for Male Tip
D1	D2	L		Ordering Codes
M24x2			Aluminium with steel cable	QRC-HS-06-DM-19-W89-SI
M28x2			Aluminium with steel cable	QRC-HS-10-DM-23-W89-SI
M36x2			Aluminium with steel cable	QRC-HS-12-DM-30-W89-SI
M42x2			Aluminium with steel cable	QRC-HS-19-DM-37-W89-SI
M48x3			Aluminium with steel cable	QRC-HS-25-DM-41-W89-SI
M70x3			Aluminium with steel cable	QRC-HS-38-DM-55-W89-SI

In addition to the standard colours as stated above,
plastic dust caps are also available in blue, green, yellow and black.
Please use the color codes BU, GN, YE and BK respectively instead of RD.

HS

Note: The connection of the two halves of a coupling is achieved depending on the type. It is important to observe the positive engagement of plug-type couplings and the secure tightening of screw-type couplings to the limit stop of the thread. Forced or improper separation will result in malfunction of the coupling.

