



## Quick Release Couplings

**Local Solutions for  
Individual Customers  
Worldwide**


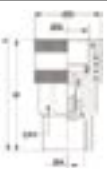
## Poppet Type Ball Locking - SQRC

The quick couplings of the ISO A Series have been designed in accordance with the ISO 7241-A rule. The 1/2" version also meets the requirements of the ISO 5675 rule.

Used for agricultural and industrial sectors.

For protection during disconnection, plastic caps and plugs are available from 1/4" to 1". Other materials available upon request (stainless steel and brass).

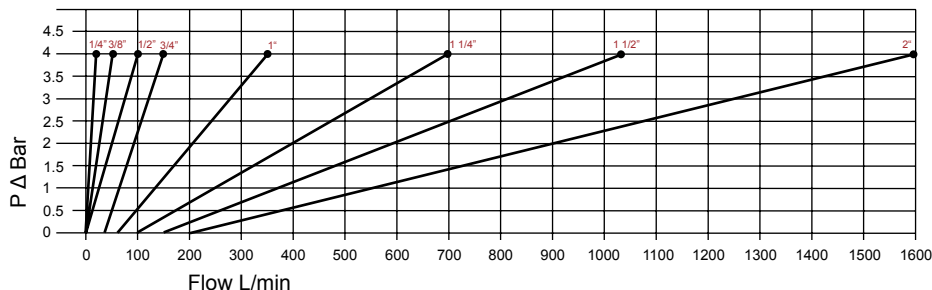


Male	Part No. Male	Size	Thread	Max. Working Pressure	ØA	C mm	CH mm	L mm	ØF mm	ØD mm	B mm	ØG mm	CH1 mm	Part No. Female	Female
	SQRM-04	1/4"	BSP	350 Bar	1/4"	36	19	72	11.8	26	51	13.05	19	SQRF-04	
	SQRM-06	3/8"	BSP	300 Bar	3/8"	40.5	22	81	17.25	32	58.5	18.04	24	SQRF-06	
	SQRM-08	1/2"	BSP	300 Bar	1/2"	46	27	87.5	20.5	38	63.5	23.8	30.0	SQRF-08	
	SQRM-12	3/4"	BSP	250 Bar	3/4"	56	36	112	29	46	83.5	30.7	38	SQRF-12	
	SQRM-16	1"	BSP	230 Bar	1"	63	41	126	34.3	55	97	36.7	46	SQRF-16	
	SQRM-20	1 1/4"	BSP	230 Bar	1 1/4"	75	50	150	44.95	70	117	47.9	60	SQRF-20	
	SQRM-24	1 1/2"	BSP	200 Bar	1 1/2"	83.5	60	167	55	84.5	133	57.7	70	SQRF-24	
	SQRM-32	2"	BSP	130 Bar	2"	105	75	210	65.1	100	165	70.1	75	SQRF-32	


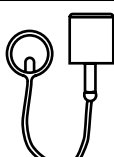
- Material:** Made in EN10277-3 carbon steel, all components are high stressed and carbon nitrated.
- Surface finishing:** Yellow Dichromated B1
- Seals:** Standard, in NBR. Other seal types available on request.
- Back-up-ring:** In PTFE, TEFLON®.
- Springs:** Manufactured in DIN 17223/84(B) steel.
- Balls:** AISI 1010/1015.

- Working Temperature:** -25°C +125°C with NBR seals.
- Applications:** The ISO A couplings have been designed for oil hydraulic applications and meet the requirements of European directive 97.23 EC.
- Interchange:** FASTER ANV, AEROQUIP FD56, PARKER 6600, SNAP-TITE 61, SAFEWAY S56, TEMA 5500
- Safety Factor:** 4:1

### Pressure vs Flow Diagram



### Dust Plugs and Caps

Dust Plug	Plug Part No	Size	Cap Part No	Cap
	SQRDP-04	1/4"	SQRDC-04	
	SQRDP-06	3/8"	SQRDC-06	
	SQRDP-08	1/2"	SQRDC-08	
	SQRDP-12	3/4"	SQRDC-12	
	SQRDP-16	1"	SQRDC-16	
	SQRDP-20	1 1/4"	SQRDC-20	
	SQRDP-24	1 1/2"	SQRDC-24	
	SQRDP-32	2"	SQRDC-32	



## Poppet Type Thread Locking - STQRC

Thread locking couplings allow connection and disconnection of two hydraulic circuits at low pressure (or "residual" pressure). This thread locking mechanism gives the coupling considerable resistance to vibration caused by hammering, "ram strokes" or frequent and indelicate inversion of the direction of fluid flow.

Used for industrial applications.

For protection during disconnection, caps and plugs available from 1/4" - 2".

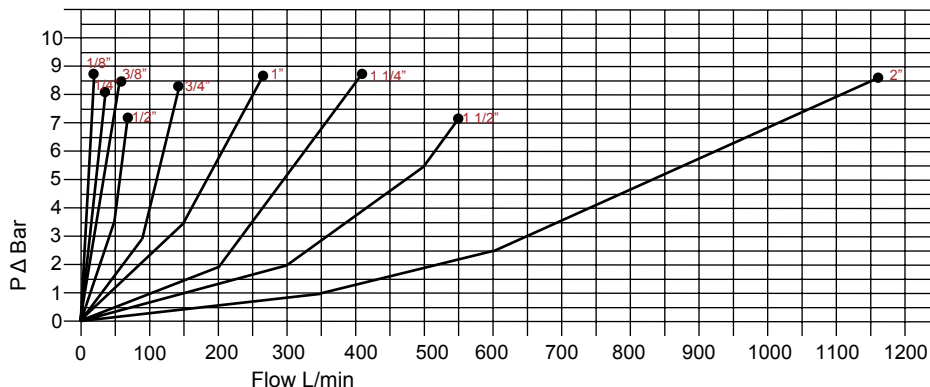


Male	Part No. Male	Size	Thread	Max. Working Pressure	ØA	C mm	CH mm	L mm	ØF mm	ØD	CH1 mm	B mm	Part No. Female	Female
	STQRM-04	1/4"	BSP/NPT	950 Bar	1/4"	34	19	68	14.9	M27x1.5	32	57	STQRF-04	
	STQRM-06	3/8"	BSP/NPT	750 Bar	3/8"	41	22	86	18.9	M30x1.5	34.0	71.5	STQRF-06	
	STQRM-08	1/2"	BSP/NPT	750 Bar	1/2"	47	27	94	22.0	M35x1.5	41.0	74.5	STQRF-08	
	STQRM-12	3/4"	BSP/NPT	650 Bar	3/4"	57	35	114	29	M45x1.5	50.0	90.5	STQRF-12	
	STQRM-16	1"	BSP/NPT	450 Bar	1"	64	41	128	36	M54x1.5	65	103.5	STQRF-16	
	STQRM-20	1 1/4"	BSP	450 Bar	1 1/4"	75	58	150	49.8	M70x2	80	130.5	STQRF-20	
	STQRM-24	1 1/2"	BSP	300 Bar	1 1/2"	81	61	162	55	M78x2	85	141	STQRF-24	
	STQRM-32	2"	BSP	300 Bar	2"	129	71	236	69	M92x3	105	205	STQRF-32	



- Material:** Made in EN10277-3 gauged carbon steel.
- Surface finishing:** Yellow Bichromated
- Seals:** Standard, in NBR. Other seals types available on request.
- Back-up-ring:** In PTFE, TEFLON®.
- Springs:** Manufactured in DIN 17223/84(B) steel.

- Working Temperature:** -25°C +125°C with NBR seals.
- Applications:** Couplings have been designed for oil hydraulic applications and meet the requirements of European directive 97.23 EC.
- Interchange:** GROMELLE 6000
- Safety Factor:** 4:1

### Pressure vs Flow Diagram



### Dust Plugs and Caps

Dust Plug	Plug Part No	Size	Cap Part No	Cap
	STQRP-04	1/4"	STQRC-04	
	STQRP-06	3/8"	STQRC-06	
	STQRP-08	1/2"	STQRC-08	
	STQRP-12	3/4"	STQRC-12	
	STQRP-16	1"	STQRC-16	
	STQRP-20	1 1/4"	STQRC-20	
	STQRP-24	1 1/2"	STQRC-24	
	STQRP-32	2"	STQRC-32	



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