

FIRG QPQ SERIES FLAT FACE COUPLINGS

INTRODUCTION

QPQ treatment provides a corrosion resistant finish that is superior to passivated zinc plating and of lower cost than couplings produced entirely from stainless steel.

In DIN 50021 salt water spray tests, Tuffride® QPQ surface hardening treatment has proved to have superior corrosion resistance properties than either electrostatic zinc or hard chrome plating. (The term QPQ is derived from Quench-Polish-Quench).

Holmbury flat face couplings have been produced since 1982. Over the years, extensive experience has been gained in the design, manufacture and application of these products. Consequently, Holmbury couplings have won design innovation awards and are widely regarded as the World's leading brand of flat face coupling.

Tuffride® is a registered trademark of Degussa AG

APPLICATIONS

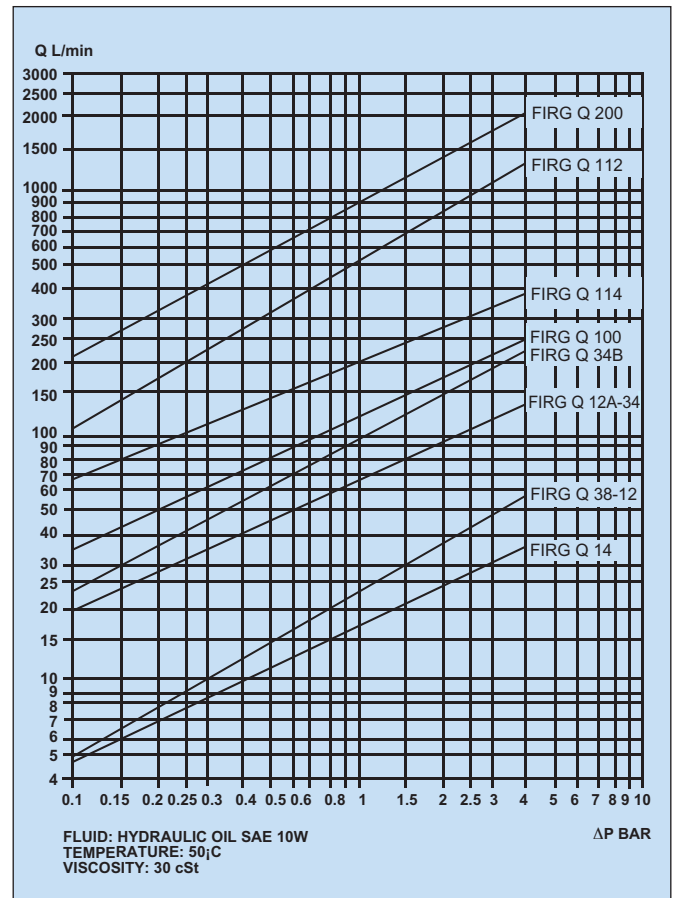
Holmbury FIRG QPQ Series Couplings are suitable for use in systems operating on mineral oil, water and other mildly corrosive fluids. They are ideal for applications involving moderately corrosive environments where the cost of stainless steel couplings is prohibitive. For severe environmental conditions contact the Holmbury Technical Department.

ADVANTAGES

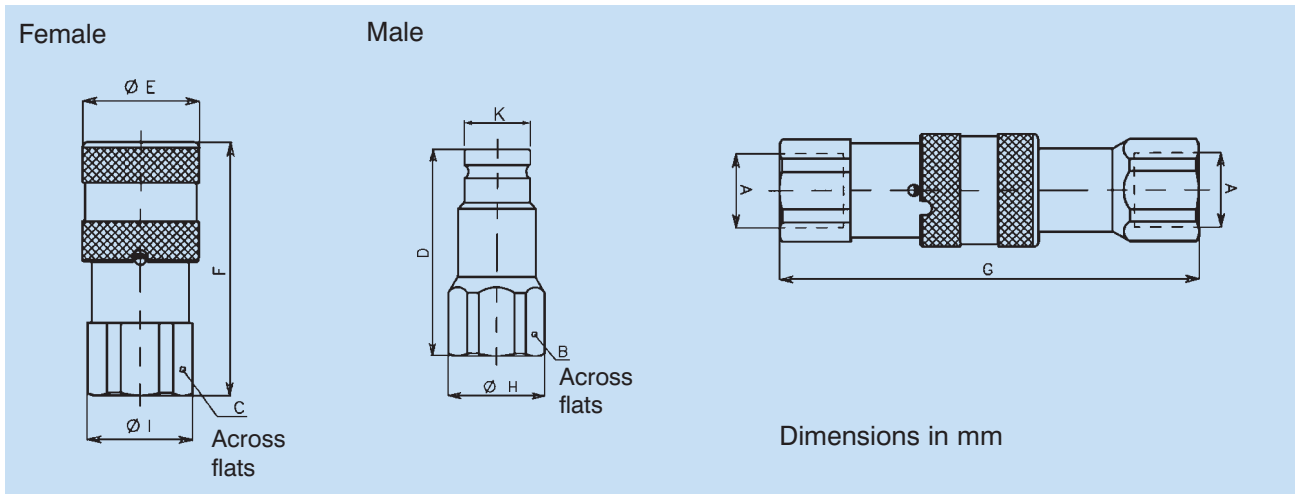
- ★ Flat faces can easily be wiped clean before connection to prevent the ingress of contaminants into the circuit.
- ★ Clean disconnection - non-spill design.
- ★ No air intrusion during connection.
- ★ Streamlined flow path minimizes pressure drop.
- ★ Locking sleeve prevents accidental disconnection.
- ★ Bi-directional flow



PRESSURE DROP



FIRG QPQ SERIES, FLAT FACE COUPLINGS

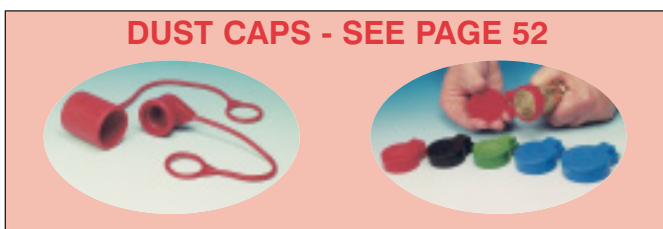


DIMENSIONS AND PRESSURE RATINGS

Type and size	Nominal diameter	Maximum working pressure (bar)	Burst pressure coupled (bar)	Burst pressure male (bar)	Burst pressure female (bar)	A	B	C	D	E	F	G	H	I	K	Connection force (N)	Weight (kg)
FIRG 14 Q	7	300	1200	1600	500	1/4"	22	22	48	28	48	85.5	24	24	16.2	179	0.2
FIRG 38 Q	9	300	1200	1650	750	3/8"	24	27	60	32	64.5	109	26	29	19.8	173	0.35
FIRG 12 Q	9	300	1200	1650	750	1/2"	27	27	62.5	32	69.5	116.5	29	29	19.8	173	0.35
FIRG 12A Q	13	250	1200	1600	600	1/2"	32	32	68	38	73.5	125	34	34	24.5	181	0.475
FIRG 34 Q	13	250	1200	1600	600	3/4"	36	36	70.5	38	80.5	134.5	38.5	38.5	24.5	181	0.475
FIRG 34B Q	16	250	1000	1400	550	3/4"	36	36	70.5	42	78	132	38.5	38.5	27	195	0.5
FIRG 100 Q	19	250	850	1100	450	1"	45	45	82.5	48	92.5	154	48	48	30	244	1.0
FIRG 114 Q	25	250	850	1100	600	1 1/4"	55	55	90	55	105	173	60	60	36	304	1.5
FIRG 112 Q	32	200	700	850	400	1 1/2"	70	65	111	80	132.5	215	76	72	57	427	4.5
FIRG 200 Q	45	180	700	700	400	2"	75	80	125	100	165	250	83.5	88.2	73	488	8.5

MATERIALS

FIRG QPQ Series Couplings have QPQ treated carbon steel bodies with stainless steel and brass internal components. Seal materials are Viton and PTFE.



ORDER CODES

FIRG ** Q * *** *

Type and Size see table above

Thread dimension 'A' see table above

No symbol for whole coupling.
M = Male
F = Female

Thread: NPT, SAE or BSP