

# SRIL SERIES

## Stainless steel in-line rotary couplings

### INTRODUCTION

Holmbury's SRIL Series stainless steel in-line rotary couplings are designed for in-line use on hydraulic circuits. Using a rotary coupling in the hydraulic line stops the hose twisting, limiting stress and increasing hose lifespan.

### CONSTRUCTION

- AISI 316 stainless steel
- Fitted with Viton seals
- Also available in carbon steel (See GGIL Series)

### FEATURES

- Reduces torsional forces
- Can also be used in applications that are required to rotate but not under pressure, such as hose reels
- Spindle is carried on a roller bearing and has a low friction shaft seal that can rotate at maximum pressure with low torque
- For rotational torque graph please see GGIL Series



### SPECIFICATIONS

- Operating temperatures (With Viton seals): -20°C (-4°F) to 200°C (392°F)

### APPLICATIONS

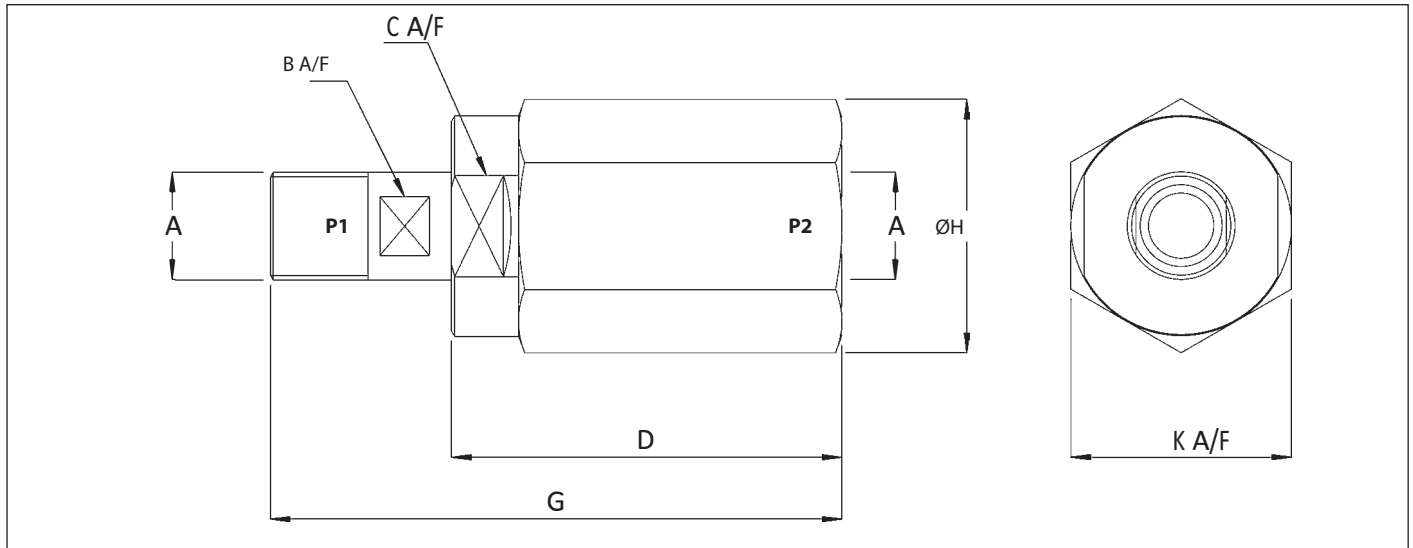
- Designed for usage in general hydraulic systems, machine tools, test equipment, agricultural, and mobile hydraulics

### ORDER CODES

		SRIL - 19 - 12		G	M - 12		G		
<b>Series</b>		<b>Body Size</b>		<b>Thread Size (P1)</b>		<b>Thread Type (Male Only)</b>		<b>Thread Size (P2)</b>	
SRIL		06 - 1/4"    25 - 1"		04 - 1/4"    16 - 1"		G = BSPP		04 - 1/4"    16 - 1"	
		10 - 3/8"    32 - 1 1/4"		06 - 3/8"    20 - 1 1/4"		N = NPT		06 - 3/8"    20 - 1 1/4"	
		12 - 1/2"    40 - 1 1/2"		08 - 1/2"    24 - 1 1/2"		S = SAE		08 - 1/2"    24 - 1 1/2"	
		19 - 3/4"    50 - 2"		12 - 3/4"    32 - 2"				12 - 3/4"    32 - 2"	
				<b>Thread Type</b>					
				G = BSPP					
				N = NPT					
				S = SAE					
								Contact Holmbury for special requests on thread types/sizes not listed	



## DRAWING



## DIMENSIONS

Size	Thread Size (A)	B	C	K	D	G	ØH	Maximum Working Pressure	Maximum Flow Rate	Maximum Rotational Speed*
		Dimensions in mm						Bar		
		Dimensions in Inches						Psi	L/Min	RPM
SRIL-06	1/4"	11.0	24.0	27.0	50.0	75.0	29.0	350	25	500
		0.4	0.9	1.1	2.0	3.0	1.1	5075		
SRIL-10	3/8"	14.0	30.0	34.0	60.0	88.0	38.0	300	45	400
		0.6	1.2	1.3	2.4	3.5	1.5	4350		
SRIL-12	1/2"	18.0	32.0	36.0	67.0	101.0	39.0	300	80	370
		0.7	1.3	1.4	2.6	4.0	1.5	4350		
SRIL-19	3/4"	24.0	40.0	45.0	71.5	110.0	48.0	250	120	280
		0.9	1.6	1.8	2.8	4.3	1.9	3625		
SRIL-25	1"	30.0	50.0	55.0	84.0	124.0	60.0	250	150	230
		1.2	2.0	2.2	3.3	4.9	2.4	3625		
SRIL-32	1 1/4"	38.0	55.0	60.0	84.6	129.0	68.0	200	200	200
		1.5	2.2	2.4	3.3	5.1	2.7	2900		
SRIL-40	1 1/2"	41.0	68.0	75.0	87.0	138.0	90.0	150	250	170
		1.6	2.7	3.0	3.4	5.4	3.5	2175		
SRIL-50	2"	55.0	80.0	85.0	100.0	149.0	100.0	150	300	140
		2.2	3.1	3.3	3.9	5.9	3.9	2175		

\*Note: The maximum rotational speed quoted is for zero pressure and hydraulic oils

PSI= Bar x14.5 Inches= mm/25.4