

Swivel Cartridge

The Screw-in Cartridge is the result of the shank-nut assembly and it is designed to be integrated into hydraulic manifolds. It simply screws in, becoming a short and very sturdy swiveling coupling that will live through high pressure and side loads.



Applications



Technical Specifications

dash	Size		Working Pressure (MPa)	Flow Rate (l/min)	Spillage (ml)	Force to Connect (N)	Burst pressure (MPa)		
	mm	inch					Male	Female	Male + Female
08	12.5	1/2"	43 MPa				172		
12	20	3/4"	43 MPa				172		
16	25	1"	43 MPa				172		
20	31.5	1-1/4"	38 MPa				152		

Material

Steel

Seals

FKM

Working temperatures

-40 °C to 80 °C

Surface treatment

MATE 500 (CrIII)

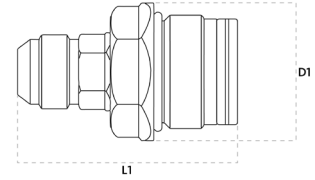
Series Interchange

Valve Type

Connection

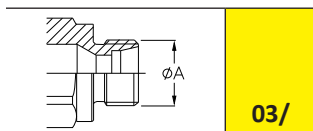
Disconnection

Connection
Under Pressure

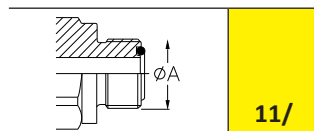


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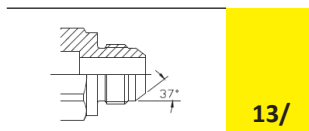
Size		Thread details							
mm	inch	Thread Type	Thread Standard	Thread	Part Number	L1		D1	
						mm	inch	mm	inch
12,5	1/2"	03/ METRIC	ISO 8434-1-S	M30x2 MALE 20S	S20803LMXXX-10V000	77	3,03	53,1	2,09
12,5	1/2"	16/ BSPP	ISO 8434-6	60° 1/2 BSPP MALE	S20816DGXXX-10V000	60	2,36	39	1,54
12,5	1/2"	13/ SAE	ISO 8434-2	3/4"-16 UNF MALE JIC	S20813FSXXX-10V000	63,5	2,5	37,3	1,47
20	3/4"	11/ SAE	ISO 8434-3	1-3/16"-12 UN MALE ORFS	S21211HSXXX-10V000	76,3	3	53,1	2,09
20	3/4"	16/ BSPP	ISO 8434-6	G 3/4"	S21216FGXXX-10V000	76,3	3	50	1,97
20	3/4"	13/ SAE	ISO 8434-2	1-1/16"-12 UN MALE JIC	S21213HSXXX-10V000	80	3,15	50	1,97
25	1"	11/ SAE	ISO 8434-3	1-7/16"-12 UN MALE ORFS	S21611LSXXX-10V000	88,1	3,47	58,7	2,31
25	1"	16/ BSPP	ISO 8434-6	G 1"	S21616GGXXX-10V000	88,1	3,47	56,4	2,22
25	1"	13/ SAE	ISO 8434-2	1 - 5/16" - 12 UN	S21613LSXXX-10V000	90,5	3,56	56,4	2,22
31,5	1-1/4"	11/ SAE	ISO 8434-3	1-11/16"-12 UN MALE ORFS	S22011MSXXX-10V000	93,7	3,69	69,1	2,72
31,5	1-1/4"	16/ BSPP	ISO 8434-6	G 1 1/4"	S22016HGXXX-10V000	93,2	3,67	69,1	2,72



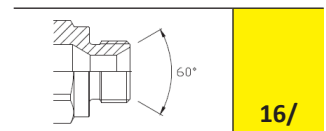
03/



11/



13/



16/