

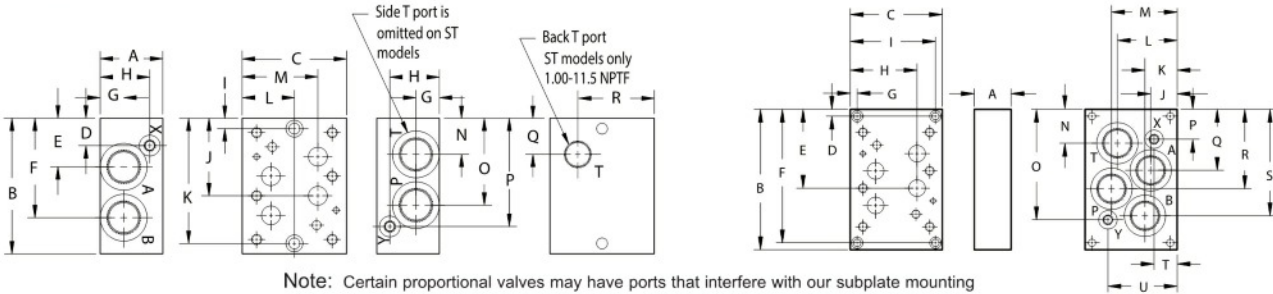
# D08 Subplates

## Side Ported Subplate

Valve mtg: UNC 0.50-13 x 1.19 DP or  
Metric M12-1.75mm ISO 6H x [30.2] DP  
Subplate hardware kit is supplied.  
See page 135 for itemized list.

## Back Ported Subplate

Valve mtg: UNC 0.50-13 x 1.19 DP or  
Metric M12-1.75mm ISO 6H x [30.2] DP  
Subplate hardware kit is supplied.  
See page 135 for itemized list.



Note: Certain proportional valves may have ports that interfere with our subplate mounting holes. Consult our technical sales team for information or custom subplate pricing.

Dimension	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
*D08SPSO12P, *D08SPSO16*	2.00 [50.8]	6.13 [155.7]	4.50 [114.3]	1.19 [30.2]	2.53 [64.3]	4.53 [115.1]	1.00 [25.4]	1.00 [25.4]	0.50 [12.7]	3.53 [89.7]	5.62 [142.7]	2.25 [57.2]	3.38 [85.9]	1.56 [39.7]	3.59 [91.2]	4.94 [125.5]	--	--	--	--	--
*D08SPST12P, *D08SPST16*	2.00 [50.8]	6.13 [155.7]	4.50 [114.3]	1.19 [30.2]	2.53 [64.3]	4.53 [115.1]	1.00 [25.4]	1.00 [25.4]	0.50 [12.7]	3.53 [89.7]	5.62 [142.7]	2.25 [57.2]	3.38 [85.9]	--	3.59 [91.2]	4.94 [125.5]	1.66 [42.1]	3.38 [85.9]	--	--	--
*D08SPSO20*	3.00 [76.2]	6.50 [165.1]	5.00 [127.0]	1.31 [33.3]	2.33 [59.2]	4.77 [121.2]	1.13 [28.6]	2.38 [60.3]	0.50 [12.7]	3.72 [94.5]	6.00 [152.4]	2.50 [63.5]	3.63 [92.2]	1.73 [43.9]	4.17 [105.9]	5.19 [131.8]	--	--	--	--	--
*D08SPSO20M	4.00 [101.6]	6.50 [165.1]	5.00 [127.0]	1.38 [34.9]	2.33 [59.2]	4.77 [121.2]	1.63 [41.3]	3.13 [79.4]	0.50 [12.7]	3.72 [94.5]	6.00 [152.4]	2.50 [63.5]	3.63 [92.2]	1.73 [43.9]	4.17 [105.9]	5.13 [130.2]	--	--	--	--	--
*D08SPB16B	1.50 [38.1]	6.13 [155.7]	4.63 [117.6]	0.50 [12.7]	3.53 [89.7]	5.62 [142.7]	2.31 [58.7]	3.44 [87.4]	--	1.19 [30.2]	1.19 [30.2]	3.44 [87.4]	3.44 [87.4]	1.53 [38.9]	5.16 [131.0]	0.97 [24.6]	2.47 [62.7]	3.66 [92.9]	4.59 [116.7]	1.25 [31.8]	3.38 [85.9]
*D08SPB12P, *D08SPB16[M,P,S,T]	1.50 [38.1]	6.13 [155.7]	4.63 [117.6]	0.50 [12.7]	3.53 [89.7]	5.62 [142.7]	2.31 [58.7]	3.44 [87.4]	--	1.19 [30.2]	1.19 [30.2]	3.44 [87.4]	3.44 [87.4]	1.66 [42.2]	4.94 [125.5]	1.19 [30.2]	2.59 [65.8]	3.53 [89.7]	4.47 [113.5]	1.25 [31.8]	3.38 [85.9]
*D08SPB20*	2.00 [50.8]	7.63 [193.8]	5.00 [127.0]	0.38 [9.7]	4.28 [108.7]	7.25 [184.2]	0.38 [9.7]	3.63 [92.2]	4.63 [117.6]	1.44 [36.6]	1.75 [44.5]	3.25 [82.6]	3.56 [90.4]	1.84 [46.7]	6.00 [152.4]	1.63 [41.3]	3.31 [84.1]	4.31 [109.5]	5.78 [146.8]	1.44 [36.6]	3.56 [90.4]

# Ordering Information

Material	Valve Pattern	Product Type	Port Location	Port Threads
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For **coating options**  
see pages 245-246.

Material	
<b>A</b>	Aluminum - 6061-T6 3000† psi • 20.7 MPa
<b>D</b>	Ductile Iron - D4512 5000† psi • 34.5 MPa

† Working pressure should be considered in accordance with ISO 4413 to determine appropriate material type.

Product Type	
<b>SP</b>	Subplate

Valve Pattern	
<b>D08</b>	ISO 4401-08-07 NFPA T3.5.1-D08 See Tech Information

Port Location	
<b>SO</b>	Side ported
<b>ST</b>	Side P,A,B ports; back T port. Available on 12P, 16P and 16S only
<b>B</b>	Back ported

P, T, A, B Port Threads*				X & Y port size (reference)
<b>12P</b>	0.75-14 NPTF ANSI B1.20.3			0.25-18 NPTF ANSI B1.20.3
<b>16P</b>	1.00-11.5 NPTF ANSI B1.20.3	<b>20P</b>	1.25-11.5 NPTF ANSI B1.20.3	0.25-18 NPTF ANSI B1.20.3
<b>16S</b>	-16 SAE ISO 11926; SAE 1926	<b>20S</b>	-20 SAE ISO 11926; SAE 1926	-6 SAE ISO 11926; SAE 1926
<b>16B</b>	1.00-11 BSPP ISO 1179; BS 2779	<b>20B</b>	1.25-11 BSPP ISO 1179; BS 2779	0.25-19 BSPP ISO 1179; BS 2779
<b>16M</b>	M33 x 2.0 ISO 6149	<b>20M</b>	M42 x 2.0 ISO 6149	M14 x 1.5 ISO 6149
<b>16T</b>	1.00-11 BSPT ISO 7; BS 21	<b>20T</b>	1.25-11 BSPT ISO 7; BS 21	0.25-19 BSPT ISO 7; BS 21

\* T port is always 1.00-11.5 NPTF on ST models.

In order to constantly improve the quality of our products, we retain the right to make changes to the products and specifications at any time without prior notice.

Customers have the responsibility to continuously check all the information on all data sheets.