

VALVE ADAPTORS

Directional Valve Adaptors

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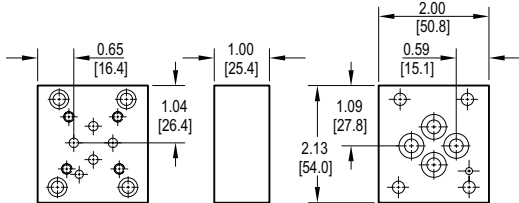
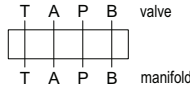
Valve Adaptors

The pages in this section are our standard product offerings for valve adaptors. If you need a custom valve adaptor solution please visit www.daman.com for Request For Quote (RFQ) instructions.

Valve Adaptors for D03 Manifolds

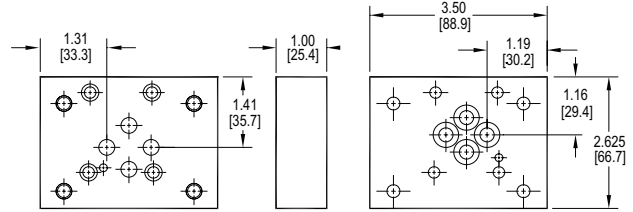
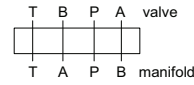
Adapt D02 valve to D03 manifold

Valve mtg: UNC #10-24 x 0.50 DP or
Metric M5-0.8mm ISO 6H x [12.7] DP
Adaptor hardware / interface seal kit is supplied. See page 108 for itemized list.



Adapt S04 valve to D03 manifold • BA oriented

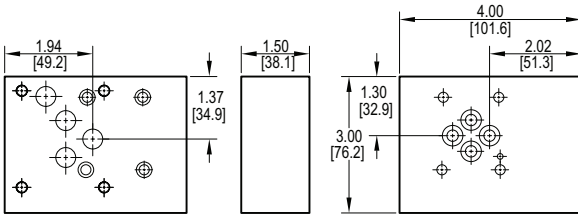
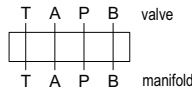
Valve mtg: UNC 0.31-18 x 0.88 DP or
Metric M8 x 1.25mm ISO 6H x [22.2] DP
Adaptor hardware / interface seal kit is supplied. See page 108 for itemized list.



This adaptor does not orient the A & B ports on the manifold to the respective valve solenoids.

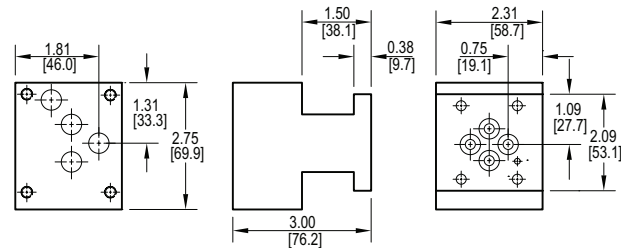
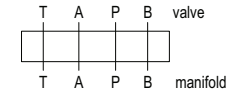
Adapt D05 valve to D03 manifold • style A

Valve mtg: UNC 0.25-20 x 0.50 DP or
Metric M6-1.0mm ISO 6H x [12.7] DP
Adaptor hardware / interface seal kit is supplied. See page 108 for itemized list.



Adapt D05 valve to D03 manifold • style B

Valve mtg: UNC 0.25-20 x 0.75 DP or
Metric M6-1.0mm ISO 6H x [19.1] DP
Adaptor hardware / interface seal kit is supplied. See page 108 for itemized list.



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Ordering Information

For **coating options** see pages 245-246.

Material	Valve Pattern	Manifold Pattern	Product Type	Port Orientation	Style	Bolt Threads
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Material	
A	Aluminum - 6061-T6 3000 [†] psi • 20.7 MPa
D	Ductile Iron - D4512 5000 [†] psi • 34.5 MPa

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

Manifold Pattern	
D03	ISO 4401-03-02 NFPA T3.5.1-D03 See Tech Information

Valve Pattern	
D02	ISO 4401-02-01 NFPA T3.5.1-D02 See Tech Information
D05	ISO 4401-05-04 NFPA T3.5.1-D05 See Tech Information
S04	ISO 10372-04-04 Daman standard S04 See Tech Information

Product Type	
VA	Valve Adaptor

Port Orientation	
AB	A _V common to A _M B _V common to B _M
BA	A _V common to B _M B _V common to A _M S04 valve pattern only.

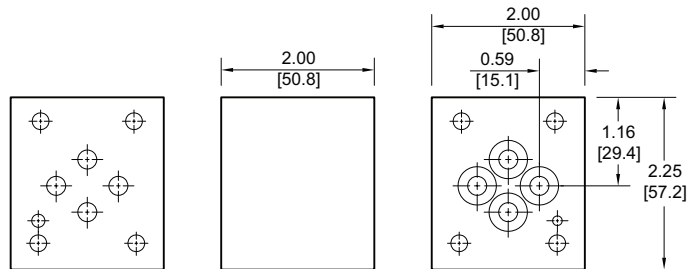
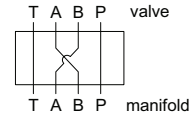
Bolt Threads	
Omit for inch (UNC) bolt kit.	
M	Metric (ISO 6H) bolt kit

D05-D03 Style	
Required with D05 valve pattern. Omit with D02 or S04 patterns.	
A	Style A Low height, wide design
B	Style B Tall height, narrow design

Valve Adaptors for D03 Manifolds

D03 A & B Port Swap Block • (BA oriented)

Adaptor hardware / interface seal kit is supplied. See page 108 for itemized list.



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Ordering Information

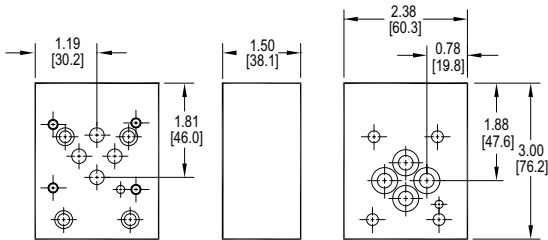
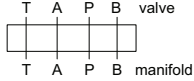
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Valve Adaptors for D03 Manifolds

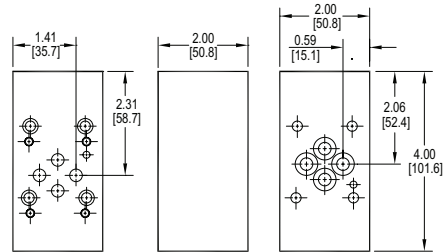
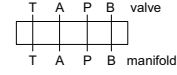
Rotate D03 Valve 90°

Valve mtg: UNC #10-24 x 0.63
 Adaptor hardware / interface seal kit is supplied. See page 108 for itemized list.



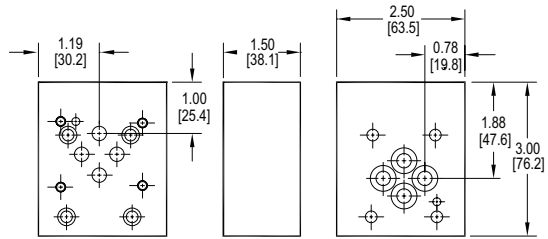
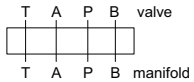
Rotate D03 Valve 180°

Valve mtg: UNC #10-24 x 0.50
 Adaptor hardware / interface seal kit is supplied. See page 108 for itemized list.



Rotate D03 Valve 270°

Valve mtg: UNC #10-24 x 0.63 DP
 Adaptor hardware / interface seal kit is supplied. See page 108 for itemized list.



Ordering Information

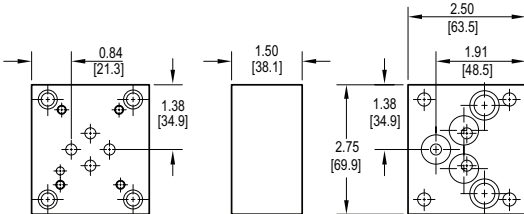
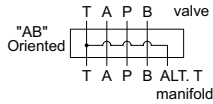
For **coating options**
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Valve Adaptors for D05 Manifolds

Adapt D03 valve to D05 manifold • AB oriented

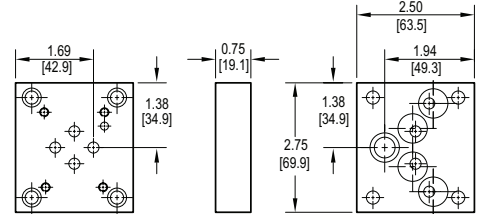
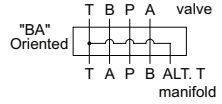
Valve mtg: UNC #10-24 x 0.50 DP or
Metric M5-0.8mm ISO 6H x [12.7] DP
Adaptor hardware / interface seal kit is
supplied. See page 108 for itemized list.



This adaptor permits the installation of a D03 valve on a D05 manifold. This adaptor, unlike *D03D05VABA*, properly orients the A & B ports on the manifold to the respective valve solenoids.

Adapt D03 valve to D05 manifold • BA oriented

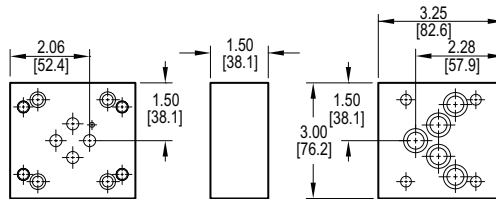
Valve mtg: UNC #10-24 x 0.44 DP or
Metric M5 x 0.8mm ISO 6H x [11] DP
Adaptor hardware / interface seal kit is
supplied. See page 108 for itemized list.



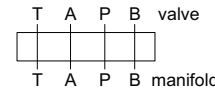
This adaptor permits the installation of a D03 valve on a D05 manifold. This adaptor, while low in cost, does not orient the A & B ports on the manifold to the respective valve solenoids.

Adapt S04 valve to D05 manifold • AB oriented

Valve mtg: UNC 0.31-18 x 0.63 DP or
Metric M8 x 1.25mm ISO 6H x [15.9] DP
Adaptor hardware / interface seal kit is
supplied. See page 108 for itemized list.



This adaptor properly orients the A & B ports on the manifold to the respective valve solenoids.



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Ordering Information

For coating options
see pages 245-246.

Material	Valve Pattern	Manifold Pattern	Product Type	Port Orientation	Bolt Threads
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Material	
A	Aluminum - 6061-T6 3000 [†] psi • 20.7 MPa
D	Ductile Iron - D4512 5000 [†] psi • 34.5 MPa
[†] Working pressure should be considered in accordance with ISO 4413 to determine appropriate material type.	

Manifold Pattern	
D05	ISO 4401-05-04 NFPA T3.5.1-D05 See Tech Information

Port Orientation	
AB	A _v common to A _m B _v common to B _m
BA	B _v common to A _m A _v common to B _m D03 valve pattern only.

Valve Pattern	
D03	ISO 4401-03-02 NFPA T3.5.1-D03 See Tech Information
S04	ISO 10372-04-04 Daman standard S04 See Tech Information

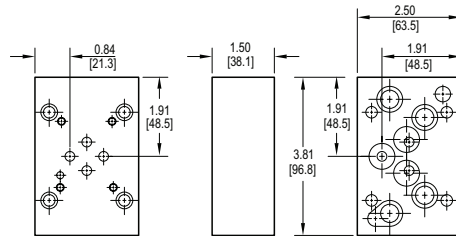
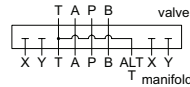
Product Type	
VA	Valve Adaptor

Bolt Threads	
Omit for inch (UNC) bolt kit.	
M	Metric (ISO 6H) bolt kit

Valve Adaptors for D05 Manifolds with Pilot Ports

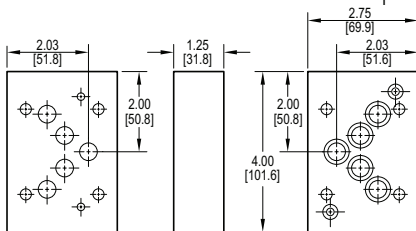
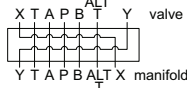
Adapt D03 valve to D05H or D05HE manifold

Valve mtg: #10-24 UNC x 0.50 DP or
Metric M5-0.8mm ISO 6H x [12.7] DP
Adaptor hardware / interface seal kit is
supplied. See page 108 for itemized list.



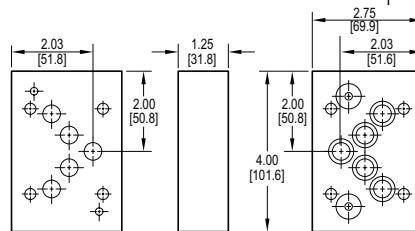
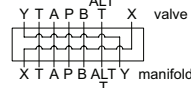
Adapt D05HE valve to D05H manifold

Adaptor hardware / interface seal kit is
supplied. See page 108 for itemized list.



Adapt D05H valve to D05HE manifold

Adaptor hardware / interface seal kit is
supplied. See page 108 for itemized list.



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Ordering Information

For **coating options**
see pages 245-246.

Material	Valve Pattern	Manifold Pattern	Product Type	Port Orientation	Bolt Threads
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Material	
A	Aluminum - 6061-T6 3000† psi • 20.7 MPa
D	Ductile Iron - D4512 5000† psi • 34.5 MPa

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

Manifold Pattern	
See Tech Information	
D05H	ISO 4401-05-05 NFPA T3.5.1-D05 Alt A & B
D05HE	ISO 4401-05-05 NFPA T3.5.1-D05 Alt A

Port Orientation	
AB	A _V common to A _M B _V common to B _M

Valve Pattern	
See Tech Information	
D03	ISO 4401-03-02 NFPA T3.5.1-D03
D05H	(USA std) NFPA T3.5.1-D05 Alt B
D05HE	ISO 4401-05-05 NFPA T3.5.1-D05 Alt A

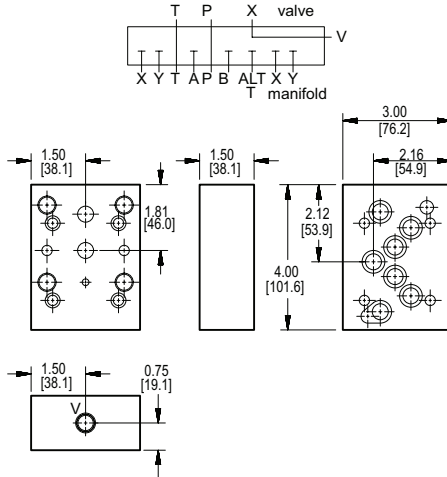
Product Type	
VA	Valve Adaptor

Bolt Threads	
Omit for inch (UNC) bolt kit.	
M	Metric (ISO 6H) bolt kit

Relief Valve Adaptors for D05(H) Manifolds

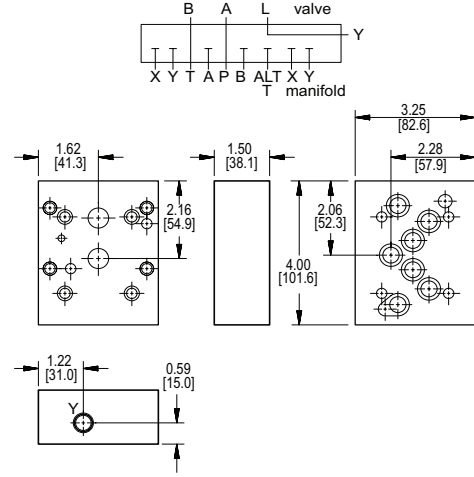
Adapt I06 (NFPA R06) valve to D05H manifold

Valve mtg: UNC 0.50-13 x 1.00 DP or Metric M12 x 1.75mm ISO 6H x [25.4] DP
Vent port: 0.25 NPTF or 0.25 BSPT (M option).
Adaptor hardware / interface seal kit is supplied. See page 108 for itemized list.



Adapt P06 valve to D05H manifold

Valve mtg: UNC 0.38-16 x 1.00 DP or Metric M10-1.5mm ISO 6H x [25.4] DP
Vent port: 0.25 NPTF or 0.25 BSPT (M option).
Adaptor hardware / interface seal kit is supplied. See page 108 for itemized list.



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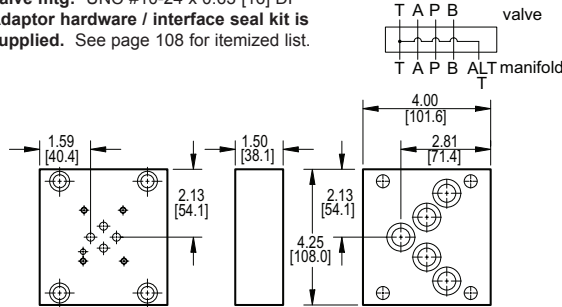
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For **coating options** see pages 245-246.

Valve Adaptors for D06 Manifolds

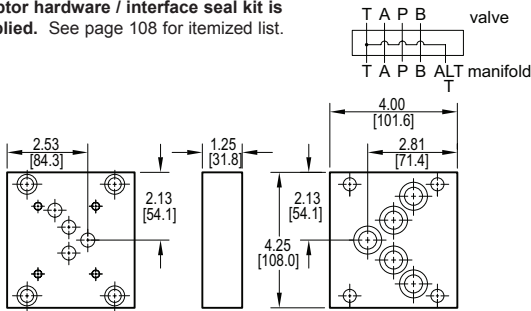
Adapt D03 valve to D06 manifold

Valve mtg: UNC #10-24 x 0.63 [16] DP
Adaptor hardware / interface seal kit is supplied. See page 108 for itemized list.



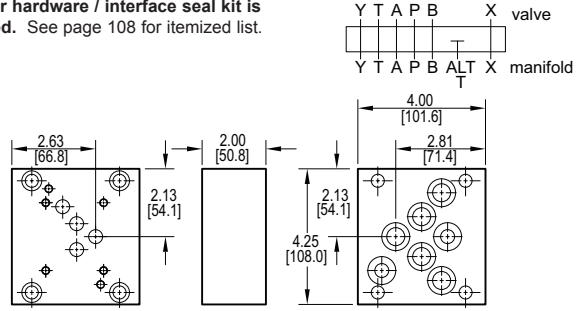
Adapt D05 valve to D06 manifold

Valve mtg: UNC 0.25-20 x 0.56 [14.2] DP
Adaptor hardware / interface seal kit is supplied. See page 108 for itemized list.



Adapt D05H valve to D06H manifold

Valve mtg: UNC 0.25-20 x 0.50 [12.7] DP
Adaptor hardware / interface seal kit is supplied. See page 108 for itemized list.



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Ordering Information

Material	Valve Pattern	Manifold Pattern	Product Type	Port Orientation															
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D05	ISO 4401-05-04 NFPA T3.5.1-D05																		
D05H	(USA std) NFPA T3.5.1-D05 Alt B																		

 | Manifold Pattern | | |----------------------|-------------------------------------| | See Tech Information | | | D06 | NFPA T3.5.1-D06
(X & Y omitted) | | D06H | NFPA T3.5.1-D06
(X & Y included) | | | Product Type | | |--------------|---------------| | VA | Valve Adaptor | | | Port Orientation | | |------------------|--| | AB | A _V common to A _M
B _V common to B _M | |

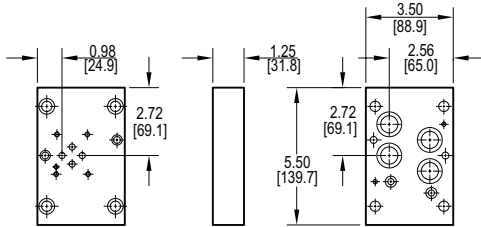
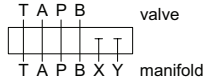
For **coating options** see pages 245-246.

Valve Adaptors for D07 Manifolds

Adapt D03 valve to D07 manifold

Valve mtg: UNC #10-24 x 0.44 DP or
Metric M5-0.8mm ISO 6H x [11.1] DP

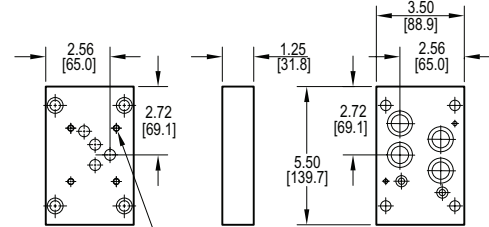
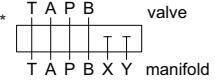
Adaptor hardware / interface seal kit is
supplied. See page 108 for itemized list.



Adapt D05 valve to D07 manifold

Valve mtg: UNC 0.25-20 x 0.50 DP* or
Metric M6-1.0mm ISO 6H x [12.7] DP*

Adaptor hardware / interface seal kit is
supplied. See page 108 for itemized list.

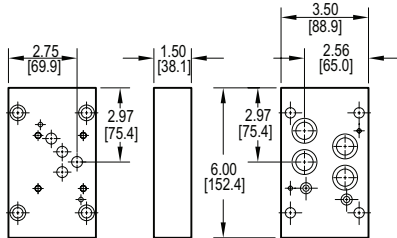
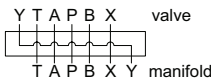


*Note: This hole only: 0.38 [9.5] DP

Adapt D05H valve to D07 manifold

Valve mtg: UNC 0.25-20 x 0.50 DP or
Metric M6-1.0mm ISO 6H x [12.7] DP

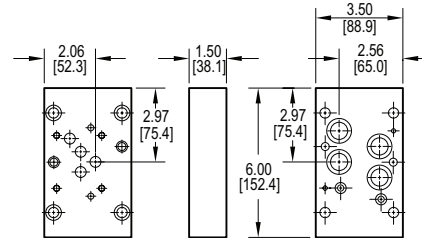
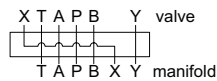
Adaptor hardware / interface seal kit is
supplied. See page 108 for itemized list.



Adapt D05HE valve to D07 manifold

Valve mtg: UNC 0.25-20 x 0.50 DP or
Metric M6-1.0mm ISO 6H x [12.7] DP

Adaptor hardware / interface seal kit is
supplied. See page 108 for itemized list.



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Ordering Information

For coating options
see pages 245-246.

Material	Valve Pattern	Manifold Pattern	Product Type	Port Orientation	Bolt Threads
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Material	
A	Aluminum - 6061-T6 3000† psi • 20.7 MPa
D	Ductile Iron - D4512 5000† psi • 34.5 MPa
† Working pressure should be considered in accordance with ISO 4413 to determine appropriate material type.	

Manifold Pattern	
D07	ISO 4401-07-06 NFFPA T3.5.1-D07 See Tech Information

Port Orientation	
AB	A _v common to A _m B _v common to B _m

Valve Pattern	
See Tech Information	
D03	ISO 4401-03-02 NFFPA T3.5.1-D03
D05	ISO 4401-05-04 NFFPA T3.5.1-D05
D05H	(USA std) NFFPA T3.5.1-D05 Alt B
D05HE	ISO 4401-05-05 NFFPA T3.5.1-D05 Alt A

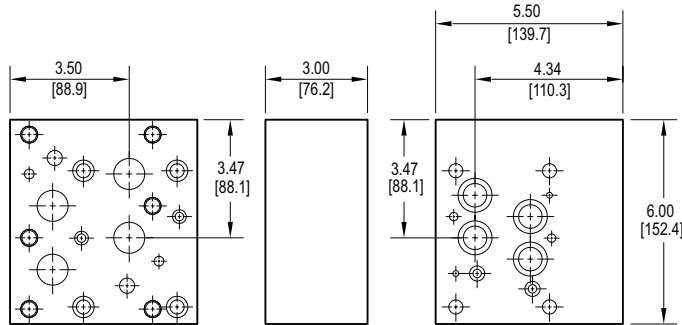
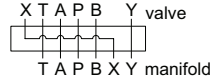
Product Type	
VA	Valve Adaptor

Bolt Threads	
Omit for inch (UNC) bolt kit.	
M	Metric (ISO 6H) bolt kit

Valve Adaptors for D07 Manifolds

Adapt D08 valve to D07 manifold

Valve mtg: UNC 0.50-13 x 1.19 DP or
Metric M12-1.75mm ISO 6H x [30.2] DP
Adaptor hardware / interface seal kit is supplied. See page 108 for itemized list.



Note: This adaptor is too wide to use on any position other than station one of a multi-station manifold.

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Ordering Information

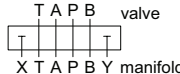
For **coating options** see pages 245-246.

Material	Valve Pattern	Manifold Pattern	Product Type	Port Orientation	Bolt Threads																														
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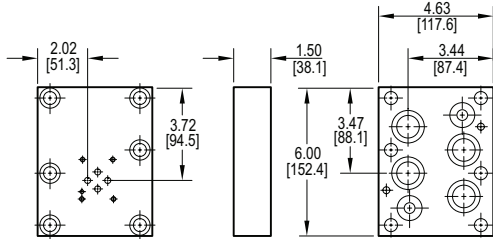
Valve Adaptors for D08 Manifolds

Adapt D03 valve to D08 manifold

Valve mtg: UNC #10-24 x 0.50 DP or
Metric M5-0.8mm ISO 6H x [12.7] DP

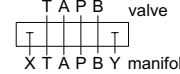


Adaptor hardware / interface seal kit is supplied. See page 109 for itemized list.

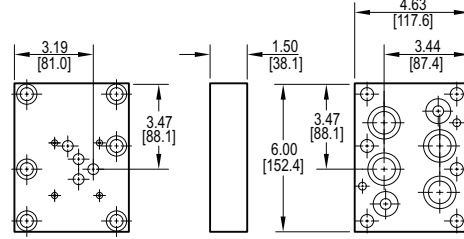


Adapt D05 valve to D08 manifold

Valve mtg: UNC 0.25-20 x 0.50 DP or
Metric M6-1.0mm ISO 6H x [12.7] DP

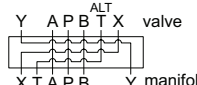


Adaptor hardware / interface seal kit is supplied. See page 109 for itemized list.

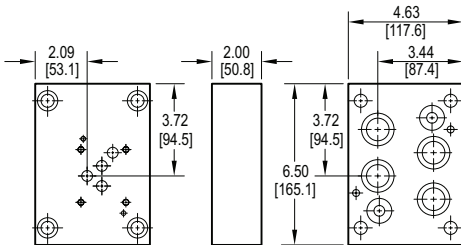


Adapt D05H valve to D08 manifold

Valve mtg: UNC 0.25-20 x 0.75 DP or
Metric M6-1.0mm ISO 6H x [19.1] DP

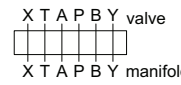


Adaptor hardware / interface seal kit is supplied. See page 109 for itemized list.

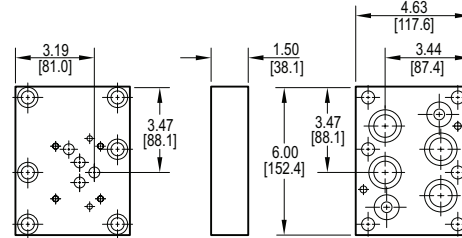


Adapt D05HE valve to D08 manifold

Valve mtg: 0.25-20 UNC x 0.50 DP or
Metric M6-1.0mm ISO 6H x [12.7] DP



Adaptor hardware / interface seal kit is supplied. See page 109 for itemized list.



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Ordering Information

For coating options see pages 245-246.

Material	Valve Pattern	Manifold Pattern	Product Type	Port Orientation	Bolt Threads
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Material	
A	Aluminum - 6061-T6 3000† psi • 20.7 MPa
D	Ductile Iron - D4512 5000† psi • 34.5 MPa

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

Manifold Pattern	
D08	ISO 4401-08-07 NFPA T3.5.1-D08 See Tech Information

Port Orientation	
AB	A _v common to A _m B _v common to B _m

Valve Pattern	
See Tech Information	
D03	ISO 4401-03-02 NFPA T3.5.1-D03
D05	ISO 4401-05-04 NFPA T3.5.1-D05
D05H	(USA std) NFPA T3.5.1-D05 Alt B
D05HE	ISO 4401-05-05 NFPA T3.5.1-D05 Alt A

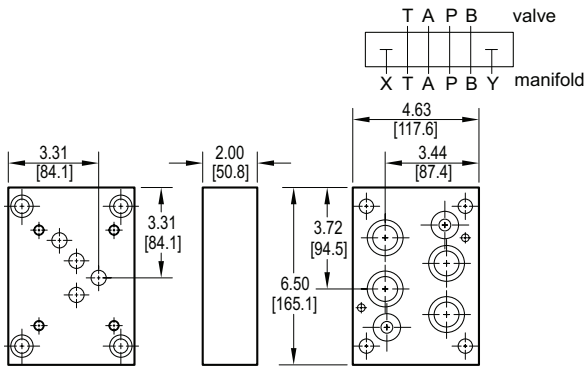
Product Type	
VA	Valve Adaptor

Bolt Threads	
Omit for inch (UNC) bolt kit.	
M	Metric (ISO 6H) bolt kit

Valve Adaptors for D08 Manifolds

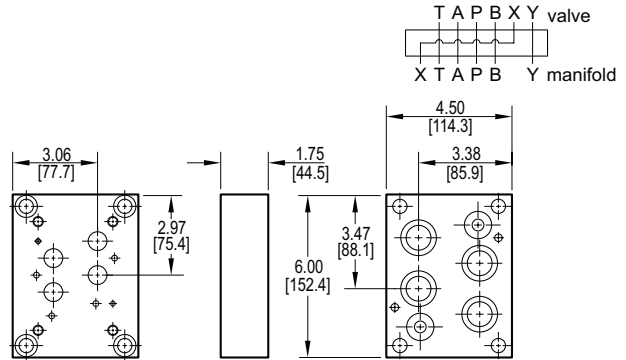
Adapt D06 valve to D08 manifold

Valve mtg: UNC 0.38-16 x 0.75 DP or Metric M10-1.5mm ISO 6H x [19.1] DP
Adaptor hardware / interface seal kit is supplied. See page 109 for itemized list.



Adapt D07 valve to D08 manifold

Valve mtg: UNC 0.25-20 x 0.5 DP and UNC 0.38-16 x 0.75 DP or Metric M6-1.0mm ISO 6H x [12.7] DP and M10-1.5mm ISO 6H x [19.1] DP
Adaptor hardware / interface seal kit is supplied. See page 109 for itemized list.



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Ordering Information

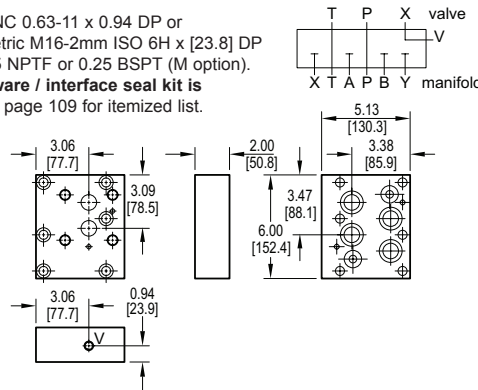
For **coating options** see pages 245-246.

Material	Valve Pattern	Manifold Pattern	Product Type	Port Orientation	Bolt Threads																																
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Relief Valve Adaptors for D08 Manifolds

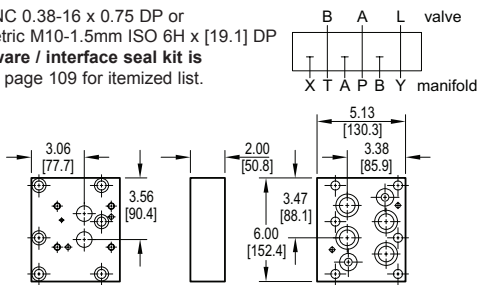
Adapt I08 (NFPA RV08) valve to D08 manifold

Valve mtg: UNC 0.63-11 x 0.94 DP or
Metric M16-2mm ISO 6H x [23.8] DP
Vent port: 0.25 NPTF or 0.25 BSPT (M option).
Adaptor hardware / interface seal kit is supplied. See page 109 for itemized list.



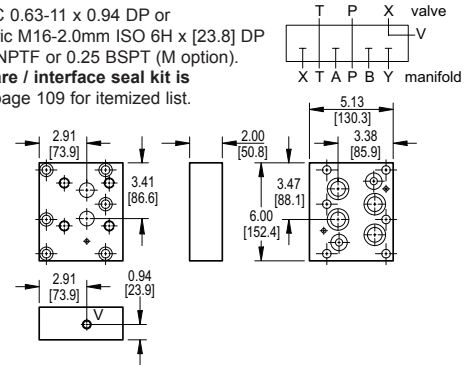
Adapt P08 valve to D08 manifold

Valve mtg: UNC 0.38-16 x 0.75 DP or
Metric M10-1.5mm ISO 6H x [19.1] DP
Adaptor hardware / interface seal kit is supplied. See page 109 for itemized list.



Adapt R08 valve to D08 manifold

Valve mtg: UNC 0.63-11 x 0.94 DP or
Metric M16-2.0mm ISO 6H x [23.8] DP
Vent port: 0.25 NPTF or 0.25 BSPT (M option).
Adaptor hardware / interface seal kit is supplied. See page 109 for itemized list.



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Ordering Information

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

Material	
A	Aluminum - 6061-T6 3000 [†] psi • 20.7 MPa
D	Ductile Iron - D4512 5000 [†] psi • 34.5 MPa

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

Manifold Pattern	
D08	ISO 4401-08-07 NFPA T3.5.1-D08 See Tech Information

Bolt Threads	
Omit for inch (UNC) bolt kit.	
M	Metric (ISO 6H) bolt kit

Valve Pattern	
See Tech Information	
I08	NFPA T3.5.1-RV08
P08	ISO 6264-08-11- [*] -97 ISO 5781-08-10-0-00 NFPA T3.5.1-RP08
R08	ISO 6264-08-13- [*] -97 NFPA T3.5.1-R08

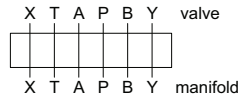
Product Type	
RVA	Relief Valve Adaptor

Valve Adaptors for D10 Manifolds

Adapt D07 valve to D10 manifold

Valve mtg: 0.25-20 UNC x 0.75 DP and
0.38-16 UNC x 1.00 DP or
Metric M6-1.0mm ISO 6H x [19.1] DP and
M10-1.5mm ISO 6H x [25.4] DP

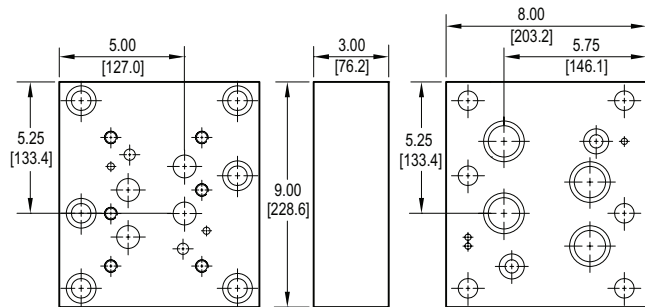
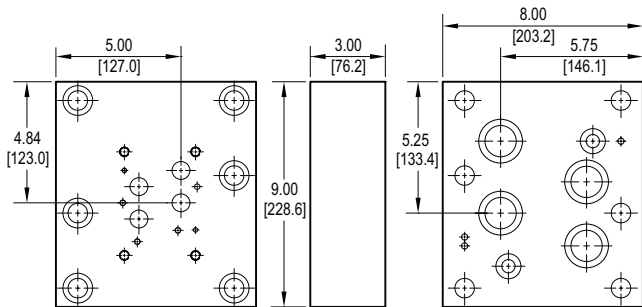
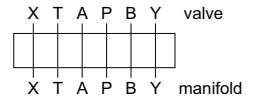
Adaptor hardware / interface seal kit is supplied. See page 109 for itemized list.



Adapt D08 valve to D10 manifold

Valve mtg: UNC 0.50-13 x 1.19 DP or
Metric M12-1.75mm ISO 6H x [30.2] DP

Adaptor hardware / interface seal kit is supplied. See page 109 for itemized list.



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Ordering Information

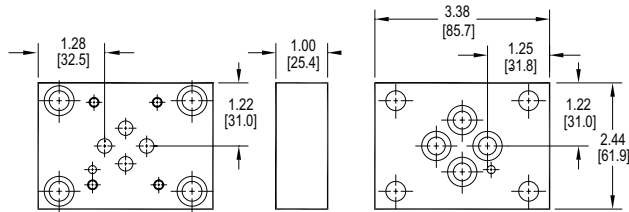
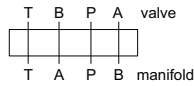
For **coating options** see pages 245-246.

Material	Valve Pattern	Manifold Pattern	Product Type	Port Orientation	Bolt Threads																																
<table border="1"> <thead> <tr> <th colspan="2">Material</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>Aluminum - 6061-T6 3000† psi • 20.7 MPa</td> </tr> <tr> <td>D</td> <td>Ductile Iron - D4512 5000† psi • 34.5 MPa</td> </tr> <tr> <td colspan="2">† Working pressure should be considered in accordance with ISO 4413 to determine appropriate material type.</td> </tr> </tbody> </table>	Material		A	Aluminum - 6061-T6 3000† psi • 20.7 MPa	D	Ductile Iron - D4512 5000† psi • 34.5 MPa	† Working pressure should be considered in accordance with ISO 4413 to determine appropriate material type.		<table border="1"> <thead> <tr> <th colspan="2">Valve Pattern</th> </tr> </thead> <tbody> <tr> <td>D07</td> <td>ISO 4401-07-06 NFPA T3.5.1-D07 See Tech Information</td> </tr> <tr> <td>D08</td> <td>ISO 4401-08-07 NFPA T3.5.1-D08 See Tech Information</td> </tr> </tbody> </table>	Valve Pattern		D07	ISO 4401-07-06 NFPA T3.5.1-D07 See Tech Information	D08	ISO 4401-08-07 NFPA T3.5.1-D08 See Tech Information	<table border="1"> <thead> <tr> <th colspan="2">Manifold Pattern</th> </tr> </thead> <tbody> <tr> <td>D10</td> <td>ISO 4401-10-08 NFPA T3.5.1-D10 See Tech Information</td> </tr> </tbody> </table>	Manifold Pattern		D10	ISO 4401-10-08 NFPA T3.5.1-D10 See Tech Information	<table border="1"> <thead> <tr> <th colspan="2">Product Type</th> </tr> </thead> <tbody> <tr> <td>VA</td> <td>Valve Adaptor</td> </tr> </tbody> </table>	Product Type		VA	Valve Adaptor	<table border="1"> <thead> <tr> <th colspan="2">Port Orientation</th> </tr> </thead> <tbody> <tr> <td>AB</td> <td>A_V common to A_M B_V common to B_M</td> </tr> </tbody> </table>	Port Orientation		AB	A _V common to A _M B _V common to B _M	<table border="1"> <thead> <tr> <th colspan="2">Bolt Threads</th> </tr> </thead> <tbody> <tr> <td colspan="2">Omit for inch (UNC) bolt kit.</td> </tr> <tr> <td>M</td> <td>Metric (ISO 6H) bolt kit</td> </tr> </tbody> </table>	Bolt Threads		Omit for inch (UNC) bolt kit.		M	Metric (ISO 6H) bolt kit
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D03 / D05 Valve Adaptors for S04 Subplates

Adapt D03 valve to S04 manifold • BA oriented

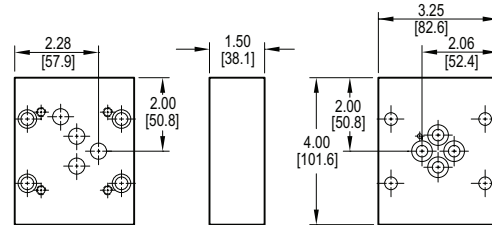
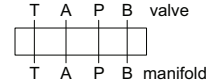
Valve mtg: UNC #10-24 x 0.63 DP or Metric M5 x 0.8mm ISO 6H x [15.9] DP
Adaptor hardware / interface seal kit is supplied. See page 109 for itemized list.



This adaptor does not orient the A & B ports on the manifold to the respective valve solenoids.

Adapt D05 valve to S04 manifold • AB oriented

Valve mtg: UNC 0.25-20 x 0.63 DP or Metric M6 x 1.0mm ISO 6H x [15.9] DP
Adaptor hardware / interface seal kit is supplied. See page 109 for itemized list.



This adaptor properly orients the A & B ports on the manifold to the respective valve solenoids.

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Ordering Information

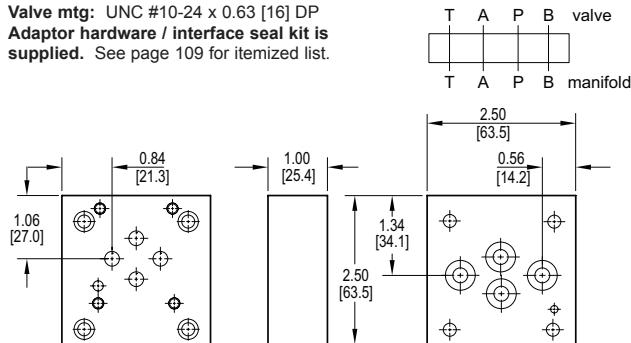
For coating options see pages 245-246.

Material	Valve Pattern	Manifold Pattern	Product Type	Port Orientation	Bolt Threads																																		
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D03 to “Obsolete Valve” Adaptors

Adapt D03 valve to Racine 01Q manifold

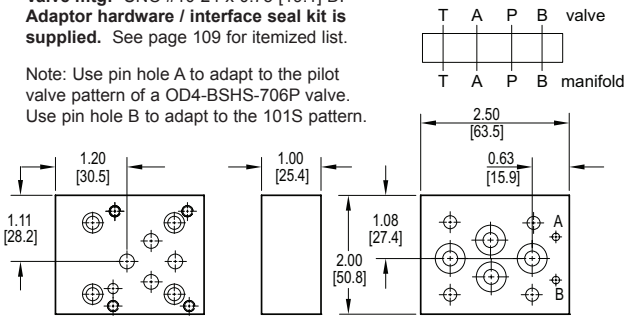
Valve mtg: UNC #10-24 x 0.63 [16] DP
 Adaptor hardware / interface seal kit is supplied. See page 109 for itemized list.



Adapt D03 valve to Racine 01S manifold

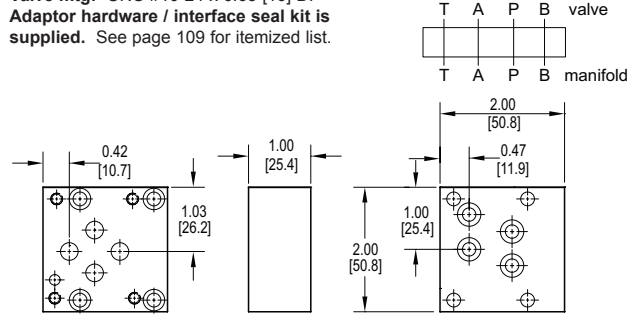
Valve mtg: UNC #10-24 x 0.75 [19.1] DP
 Adaptor hardware / interface seal kit is supplied. See page 109 for itemized list.

Note: Use pin hole A to adapt to the pilot valve pattern of a OD4-BSHS-706P valve.
 Use pin hole B to adapt to the 101S pattern.



Adapt D03 valve to Parker D1B manifold

Valve mtg: UNC #10-24 x 0.63 [16] DP
 Adaptor hardware / interface seal kit is supplied. See page 109 for itemized list.



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Ordering Information

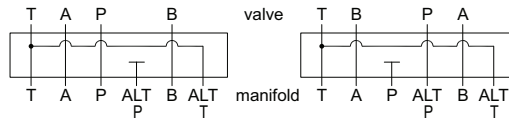
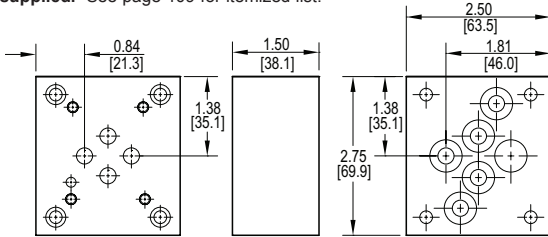
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Port Orientation																																		
AB	A _V common to A _M B _V common to B _M																																	

For **coating options**
 see pages 245-246.

D03 to "Obsolete Valve" Adaptors

Adapt D03 valve to Denison D1D04 manifold

Valve mtg: UNC #10-24 x 0.50 [12.7] DP
 Adaptor hardware / interface seal kit is supplied. See page 109 for itemized list.

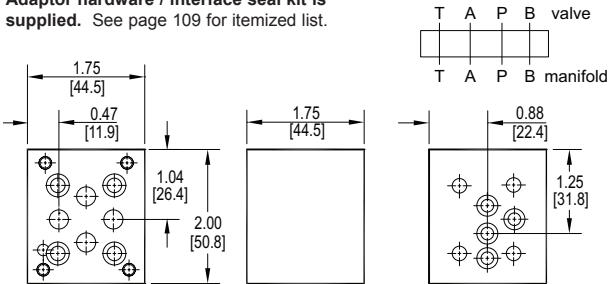


Schematic of typical installation. Replaces D1D04 valves that utilized the standard P port.

Schematic of optional installation. Replaces D1D04 pilot valves that utilized the alternate P port. The adaptor is rotated 180° in this case, which swaps A & B orientation.

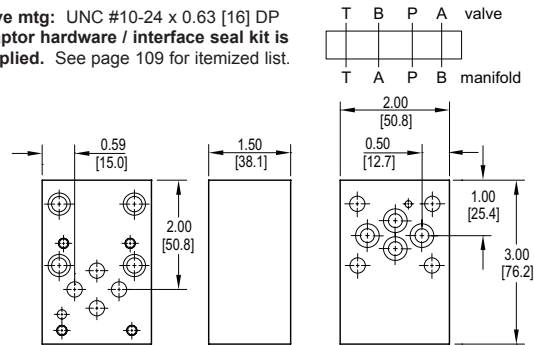
Adapt D03 valve to Vickers D1L manifold

Valve mtg: UNC #10-24 x 0.63 [16] DP
 Adaptor hardware / interface seal kit is supplied. See page 109 for itemized list.



Adapt D03 valve to Vickers DG4M4 manifold

Valve mtg: UNC #10-24 x 0.63 [16] DP
 Adaptor hardware / interface seal kit is supplied. See page 109 for itemized list.



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Ordering Information

Material	Valve Pattern	Manifold Pattern	Product Type	Port Orientation
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For coating options see pages 245-246.

Material	
A	Aluminum - 6061-T6 3000† psi • 20.7 MPa
D	Ductile Iron - D4512 5000† psi • 34.5 MPa
† Working pressure should be considered in accordance with ISO 4413 to determine appropriate material type.	

Manifold Pattern	
See Tech Information	
D1D04	Denison D1D04-3*...
D1L	Vickers D1L...
DG4M4	Vickers DG4M4... Tokimec DG4M4...

Port Orientation	
AB	A _v common to A _m B _v common to B _m (D1D04 and D1L)
BA	B _v common to A _m A _v common to B _m (DG4M4 only)

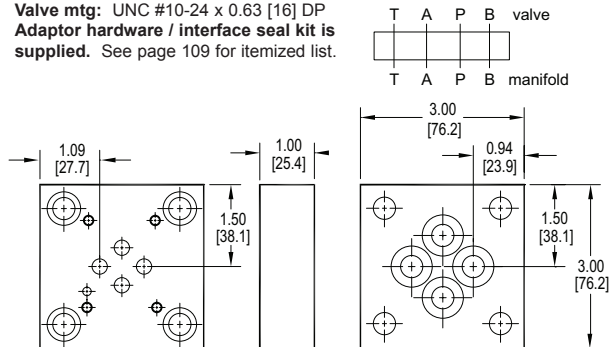
Valve Pattern	
D03	ISO 4401-03-02 NFPA T3.5.1-D03 See Tech Information

Product Type	
VA	Valve Adaptor

D03 to “Obsolete Valve” Adaptors

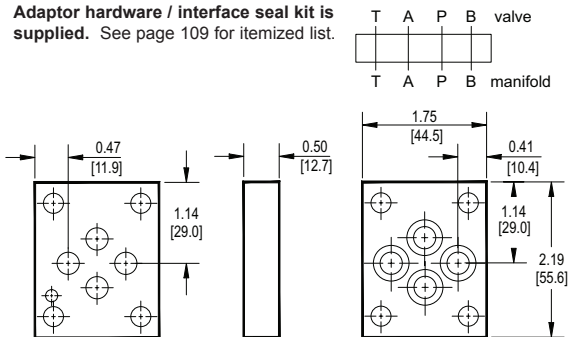
Adapt D03 valve to Republic R8143 manifold

Valve mtg: UNC #10-24 x 0.63 [16] DP
Adaptor hardware / interface seal kit is supplied. See page 109 for itemized list.



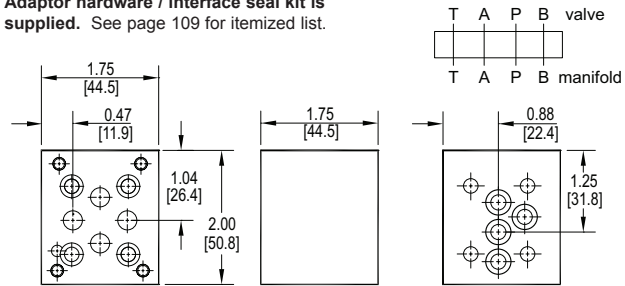
Adapt D03 valve to Rivett RVT65 manifold

Adaptor hardware / interface seal kit is supplied. See page 109 for itemized list.



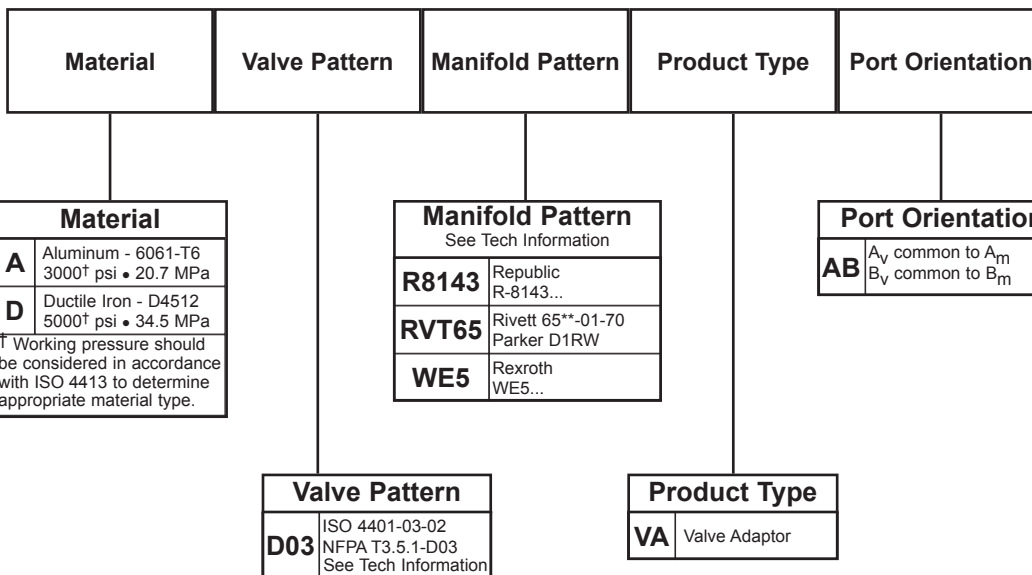
Adapt D03 valve to Rexroth WE5 manifold

Valve mtg: UNC #10-24 x 0.63 [16] DP
Adaptor hardware / interface seal kit is supplied. See page 109 for itemized list.



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Ordering Information

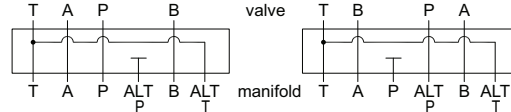
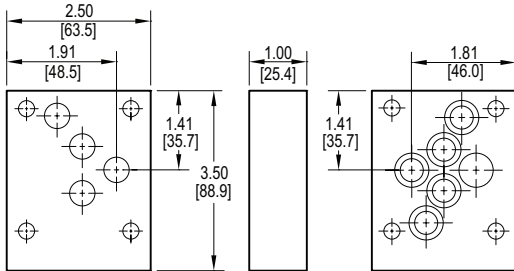


For **coating options** see pages 245-246.

D05 to “Obsolete Valve” Adaptors

Adapt D05 valve to Denison D1D04 manifold

Adaptor hardware / interface seal kit is supplied. See page 109 for itemized list.

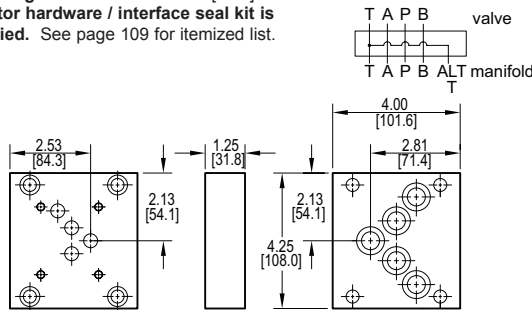


Schematic of typical installation. Replaces D1D04 valves that utilized the standard P port.

Schematic of optional installation. Replaces D1D04 pilot valves that utilized the alternate P port. The adaptor is rotated 180° in this case, which swaps A & B orientation.

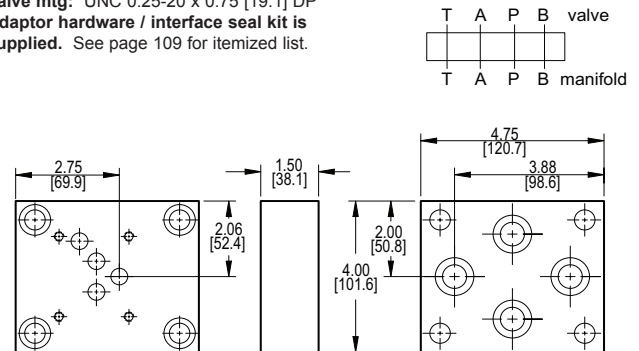
Adapt D05 valve to D06 manifold (Vickers DG4S4-02)

Valve mtg: UNC 0.25-20 x 0.56 [14.2] DP
Adaptor hardware / interface seal kit is supplied. See page 109 for itemized list.



Adapt D05 valve to Denison DD063 manifold

Valve mtg: UNC 0.25-20 x 0.75 [19.1] DP
Adaptor hardware / interface seal kit is supplied. See page 109 for itemized list.



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Ordering Information

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

Material	
A	Aluminum - 6061-T6 3000 [†] psi • 20.7 MPa
D	Ductile Iron - D4512 5000 [†] psi • 34.5 MPa
[†] Working pressure should be considered in accordance with ISO 4413 to determine appropriate material type.	

Manifold Pattern	
See Tech Information	
D06	Vickers DG4S4-02 NFPA T3.5.1-D06
D1D04	Denison D1D04-3...
DD063	Denison DD063...

Port Orientation	
AB	A _v common to A _m B _v common to B _m

Valve Pattern	
D05	ISO 4401-05-04 NFPA T3.5.1-D05 See Tech Information

Product Type	
VA	Valve Adaptor

D08 to “Obsolete Valve” Adaptors

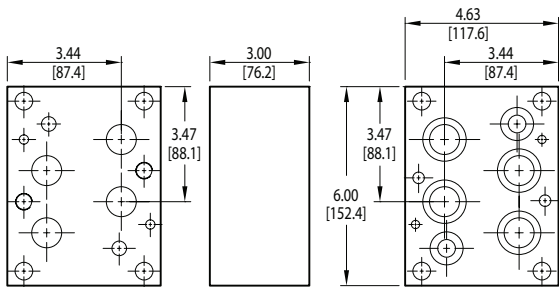
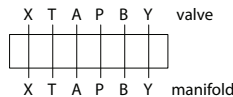
Adapt D08 valve to Denison D1D12 manifold

Valve mtg: (2) UNC 0.50-13 x 0.75 [19.1] DP

Adaptor hardware / interface seal kit is

supplied.* See page 109 for itemized list.

* (4) bolts are user supplied; bolts must pass through valve and adaptor to thread into manifold.

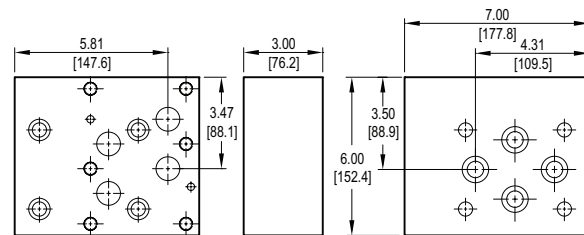
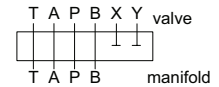


Adapt D08 valve to Denison D2D06 manifold

Valve mtg: UNC 0.50-13 x 1.19 [30.2] DP

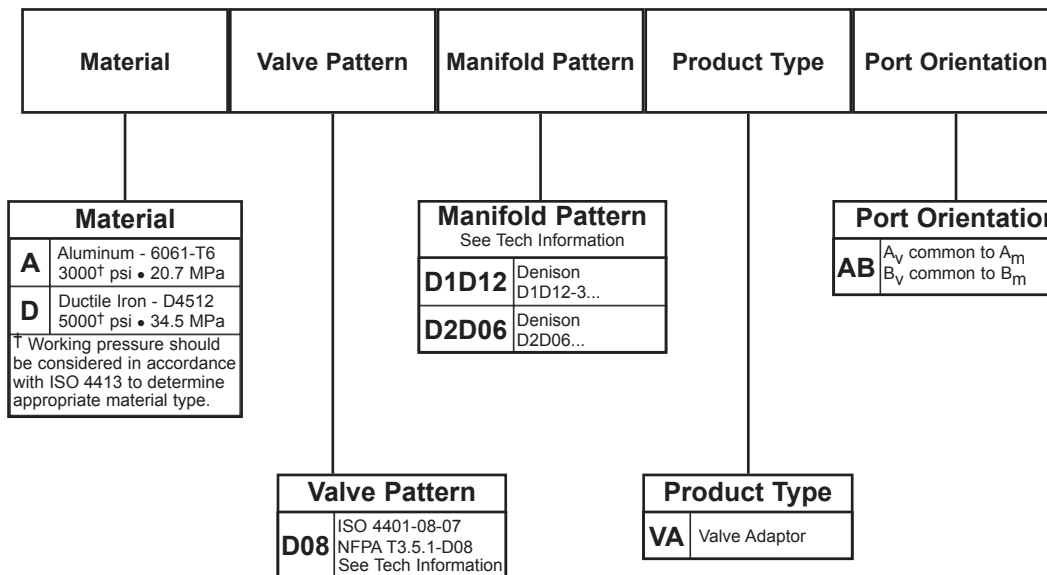
Adaptor hardware / interface seal kit is

supplied. See page 109 for itemized list.



Specifications, descriptions, and dimensional data are subject to correction or change without notice or incurring obligation. Download latest catalog page revisions at www.daman.com.

Ordering Information

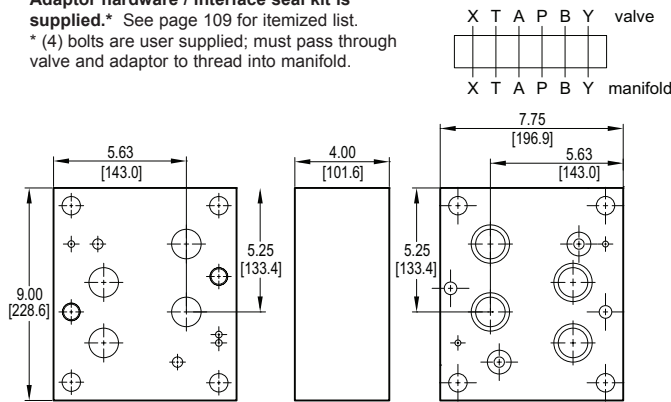


For **coating options** see pages 245-246.

D10 to “Obsolete Valve” Adaptors

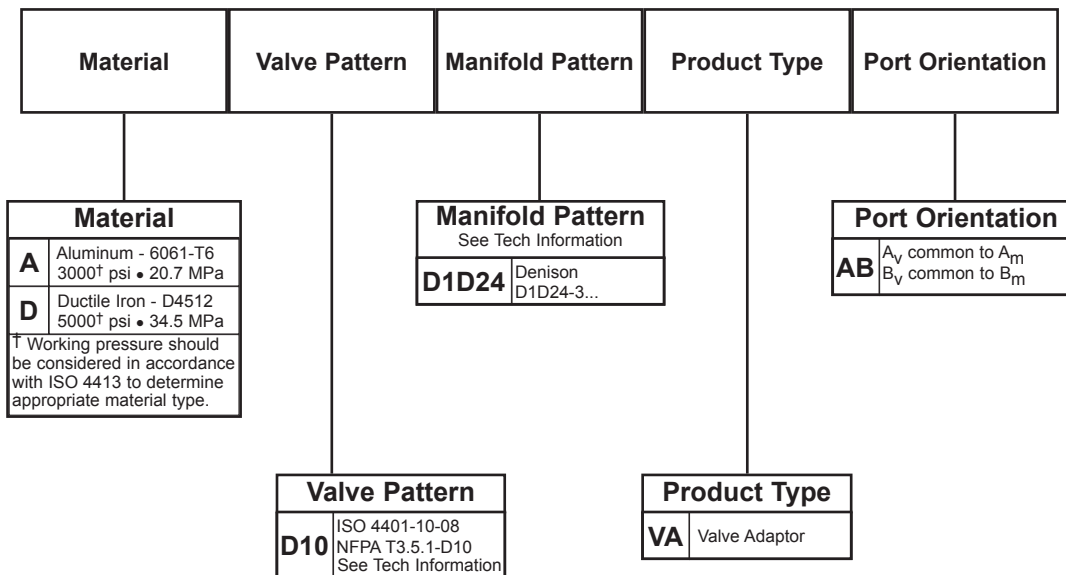
Adapt D10 valve to Denison D1D24 manifold

Valve mtg: (2) UNC 0.75-10 x 1.12 [28.4] DP
Adaptor hardware / interface seal kit is supplied.* See page 109 for itemized list.
 * (4) bolts are user supplied; must pass through valve and adaptor to thread into manifold.



Specifications, descriptions, and dimensional data are subject to correction or change without notice or incurring obligation. Download latest catalog page revisions at www.daman.com.

Ordering Information



For coating options see pages 245-246.

Valve Adaptor Mounting Hardware

AVAILABLE FOR PURCHASE. ORDERING INFORMATION: REMOVE ASTERISK AND ADD "185-" TO BEGINNING OF PART NUMBER LISTED. CONSULT PRICE LIST FOR PRICING.

Part no.	Cat. pg.	Viton O-rings 90 durometer	Mounting Screws	Locating Pins	Plugs
* D02 D03 VA AB	88	(4) -012	(4) UNC #10-24 x 0.88 long SHCS	(1) 0.12 dia x 0.25 long	n/a
* D05 D03 VA AB A	88	(4) -012	(4) UNC #10-24 x 1.50 long SHCS		
* D05 D03 VA AB B	88	(4) -012	(4) UNC #10-24 x 0.75 long SHCS		
* S04 D03 VA BA	88	(4) -012	(4) UNC #10-24 x 1.00 long SHCS		
* D03 D03 VA BA	89	(4) -012	n/a		
* D03 D03 VA AB 090	90	(4) -012	(4) UNC #10-24 x 1.50 long SHCS	(1) 0.12 dia x 0.25 long	n/a
* D03 D03 VA AB 180	90	(4) -012	(4) UNC #10-24 x 2.00 long SHCS		
* D03 D03 VA AB 270	90	(4) -012	(4) UNC #10-24 x 1.50 long SHCS		
* D02 D03 VA AB M	88	(4) -012	(4) ISO 6H M5-0.8 x 20mm SHCS	(1) 0.12 dia x 0.25 long	n/a
* D05 D03 VA AB A M	88	(4) -012	(4) ISO 6H M5-0.8 x 40mm SHCS		
* D05 D03 VA AB B M	88	(4) -012	(4) ISO 6H M5-0.8 x 20mm SHCS		
* S04 D03 VA BA M	88	(4) -012	(4) ISO 6H M5-0.8 x 25mm SHCS		
* D03 D03 VA BA M	89	(4) -012	n/a		
* D03 D05 VA AB	91	(5) -014	(4) UNC 0.25-20 x 1.25 long SHCS	n/a	n/a
* D03 D05 VA BA	91	(5) -014	(4) UNC 0.25-20 x 0.75 long SHCS		
* S04 D05 VA AB	91	(5) -014	(4) UNC 0.25-20 x 1.50 long SHCS		
* D03 D05 VA AB M	91	(5) -014	(4) ISO 6H M6-1.0 x 35mm SHCS	n/a	n/a
* D03 D05 VA BA M	91	(5) -014	(4) ISO 6H M6-1.0 x 20mm SHCS		
* S04 D05 VA AB M	91	(5) -014	(4) ISO 6H M6-1.0 x 40mm SHCS		
* D03 D05H VA AB	92	(1) -011, (6) -014, (1) -016	(4) UNC 0.25-20 x 1.50 long SHCS	n/a	n/a
* D05HE D05H VA AB	92	(2) -011, (5) -014	n/a		
* D05H D05HE VA AB	92	(7) -014	n/a		
* D03 D05H VA AB M	92	(1) -011, (6) -014, (1) -016	(4) ISO 6H M6-1.0 x 35mm SHCS	n/a	n/a
* D05HE D05H VA AB M	92	(2) -011, (5) -014	n/a		
* D05H D05HE VA AB M	92	(7) -014	n/a		
* I06 D05H RVA	93	(1) -011, (6) -014, (1) -016	(4) UNC 0.25-20 x 1.50 long SHCS	n/a	(1) 0.25 NPTF LSPP
* P06 D05H RVA	93	(1) -011, (6) -014, (1) -016	(4) UNC 0.25-20 x 1.50 long SHCS		
* I06 D05H RVA M	93	(1) -011, (6) -014, (1) -016	(4) ISO 6H M6-1.0 x 40mm SHCS	n/a	n/a
* P06 D05H RVA M	93	(1) -011, (6) -014, (1) -016	(4) ISO 6H M6-1.0 x 40mm SHCS		
* D03 D06 VA AB	94	(5) -018	(4) UNC 0.38-16 x 1.25 long SHCS	n/a	n/a
* D05 D06 VA AB	94	(5) -018	(4) UNC 0.38-16 x 1.25 long SHCS		
* D05H D06H VA AB	94	(7) -018	(4) UNC 0.38-16 x 2.00 long SHCS		
* D03 D07 VA AB	95	(2) -011, (4) -210	(2) UNC 0.25-20 x 1.25 long and (4) UNC 0.38-16 x 1.25 long SHCS	(2) 0.12 dia x 0.25 long	n/a
* D05 D07 VA AB	95	(2) -011, (4) -210	(4) UNC 0.38-16 x 1.25 long SHCS		
* D05H D07 VA AB	95	(2) -011, (4) -210	(4) UNC 0.38-16 x 1.25 long SHCS		
* D05HE D07 VA AB	95	(3) -011, (1) -014, (4) -210	(2) UNC 0.25-20 x 1.50 long and (4) UNC 0.38-16 x 1.50 long SHCS		
* D08 D07 VA AB	96	(2) -011, (4) -210	(2) UNC 0.25-20 x 3.00 long and (4) UNC 0.38-16 x 3.00 long SHCS		
* D03 D07 VA AB M	95	(2) -011, (4) -210	(2) ISO 6H M6-1.0 x 35mm and (4) ISO 6H M10-1.5 x 35mm SHCS	(2) 0.12 dia x 0.25 long	n/a
* D05 D07 VA AB M	95	(2) -011, (4) -210	(4) ISO 6H M10-1.5 x 35mm SHCS		
* D05H D07 VA AB M	95	(2) -011, (4) -210	(4) ISO 6H M10-1.5 x 35mm SHCS		
* D05HE D07 VA AB M	95	(3) -011, (1) -014, (4) -210	(2) ISO 6H M6-1.0 x 40mm and (4) ISO 6H M10-1.5 x 40mm SHCS		
* D08 D07 VA AB M	96	(2) -011, (4) -210	(2) ISO 6H M6-1.0 x 75mm and (4) ISO 6H M10-1.5 x 75mm SHCS		

Valve Adaptor Mounting Hardware

AVAILABLE FOR PURCHASE. ORDERING INFORMATION: REMOVE ASTERISK AND ADD "185-" TO BEGINNING OF PART NUMBER LISTED. CONSULT PRICE LIST FOR PRICING.

Part no.	Cat. pg.	Viton O-rings 90 durometer	Mounting Screws	Locating Pins	Plugs
* D03 D08 VA AB	97	(2) -210, (4) -215	(6) UNC 0.50-13 x 1.50 long SHCS	(2) 0.25 dia x 0.50 long	n/a
* D05 D08 VA AB	97	(2) -210, (4) -215	(6) UNC 0.50-13 x 1.50 long SHCS		
* D05H D08 VA AB	97	(2) -210, (4) -215	(4) UNC 0.50-13 x 2.00 long SHCS		
* D05HE D08 VA AB	97	(2) -210, (4) -215	(6) UNC 0.50-13 x 1.50 long SHCS		
* D06 D08 VA AB	98	(2) -210, (4) -215	(4) UNC 0.50-13 x 2.00 long SHCS		
* D07 D08 VA AB	98	(2) -210, (4) -215	(4) UNC 0.50-13 x 1.50 long SHCS		
* D03 D08 VA AB M	97	(2) -210, (4) -215	(6) ISO 6H M12-1.75 x 40mm SHCS	(2) 0.25 dia x 0.50 long	n/a
* D05 D08 VA AB M	97	(2) -210, (4) -215	(6) ISO 6H M12-1.75 x 40mm SHCS		
* D05H D08 VA AB M	97	(2) -210, (4) -215	(4) ISO 6H M12-1.75 x 50mm SHCS		
* D05HE D08 VA AB M	97	(2) -210, (4) -215	(6) ISO 6H M12-1.75 x 40mm SHCS		
* D06 D08 VA AB M	98	(2) -210, (4) -215	(4) ISO 6H M12-1.75 x 50mm SHCS		
* D07 D08 VA AB M	98	(2) -210, (4) -215	(4) ISO 6H M12-1.75 x 40mm SHCS		
* I08 D08 RVA	99	(2) -210, (4) -215	(6) UNC 0.50-13 x 2.00 long SHCS	(2) 0.25 dia x 0.50 long	(1) 0.25 NPTF LSPP
* P08 D08 RVA	99	(2) -210, (4) -215	(6) UNC 0.50-13 x 2.00 long SHCS	(2) 0.25 dia x 0.50 long	n/a
* R08 D08 RVA	99	(2) -210, (4) -215	(6) UNC 0.50-13 x 2.00 long SHCS	(2) 0.25 dia x 0.50 long	(1) 0.25 NPTF LSPP
* I08 D08 RVA M	99	(2) -210, (4) -215	(6) ISO 6H M12-1.75 x 50mm SHCS	(2) 0.25 dia x 0.50 long	n/a
* P08 D08 RVA M	99	(2) -210, (4) -215	(6) ISO 6H M12-1.75 x 50mm SHCS	(2) 0.25 dia x 0.50 long	
* R08 D08 RVA M	99	(2) -210, (4) -215	(6) ISO 6H M12-1.75 x 50mm SHCS	(2) 0.25 dia x 0.50 long	
* D07 D10 VA AB	100	(2) -210, (4) -222	(6) UNC 0.75-10 x 3.00 SHCS	(2) 0.25 dia x 0.50 long	n/a
* D08 D10 VA AB	100	(2) -210, (4) -222	(6) UNC 0.75-10 x 3.00 SHCS	(2) 0.25 dia x 0.50 long	
* D07 D10 VA AB M	100	(2) -210, (4) -222	(6) ISO 6H M20-2.5 x 80mm SHCS	(2) 0.25 dia x 0.50 long	n/a
* D08 D10 VA AB M	100	(2) -210, (4) -222	(6) ISO 6H M20-2.5 x 80mm SHCS	(2) 0.25 dia x 0.50 long	
* D03 S04 VA BA	101	(4) -013	(4) UNC 0.31-18 x 1.00 long SHCS	(2) 0.09 dia x 0.25 long	n/a
* D05 S04 VA AB	101	(4) -013	(4) UNC 0.31-18 x 1.50 long SHCS	(2) 0.09 dia x 0.25 long	
* D03 S04 VA BA M	101	(4) -013	(4) ISO 6H M8-1.25 x 25mm SHCS	(2) 0.09 dia x 0.25 long	n/a
* D05 S04 VA AB M	101	(4) -013	(4) ISO 6H M8-1.25 x 40mm SHCS	(2) 0.09 dia x 0.25 long	
* D03 01Q VA AB	102	(4) -012	(4) UNC #10-24 x 1.00 long SHCS	(1) 0.12 dia x 0.25 long	n/a
* D03 01S VA AB	102	(4) -012	(4) UNC 0.25-20 x 1.25 long SHCS	(1) 0.12 dia x 0.25 long	
* D03 D1B VA AB	102	(4) -010	(4) UNF #10-32 x 1.00 long SHCS	n/a	
* D03 D1D04 VA AB	103	(6) -013	(4) UNC 0.25-20 x 1.50 long SHCS	n/a	n/a
* D03 D1L VA AB	103	(4) -008	(4) UNC #10-24 x 1.75 long SHCS	n/a	
* D03 DG4M4 VA BA	103	(4) -011	(4) UNC 0.25-20 x 1.50 long SHCS	(1) 0.12 dia x 0.25 long	
* D03 R8143 VA AB	104	(4) -016	(4) UNC 0.38-16 x 1.00 long SHCS	n/a	n/a
* D03 RVT65 VA AB	104	(4) -012	n/a	n/a	
* D03 WE5 VA AB	104	(4) -010	(4) UNC #10-24 x 1.75 long SHCS	n/a	
* D05 D06 VA AB	105	(5) -018	(4) UNC 0.38-16 x 1.25 long SHCS	n/a	n/a
* D05 D1D04 VA AB	105	(6) -013	n/a	n/a	
* D05 DD063 VA AB	105	(4) -210	(4) UNC 0.50-13 x 1.50 long SHCS	n/a	
* D08 D1D12 VA AB	106	(2) -210, (4) -215	(2) UNC 0.31-18 x 1.00 long SHCS	(2) 0.25 dia x 0.50 long	n/a
* D08 D2D06 VA AB	106	(4) -210	(4) UNC 0.50-13 x 3.00 long SHCS	n/a	
* D10 D1D24 VA AB	107	(2) -210, (4) -222	(2) UNC 0.50-13 x 1.50 long SHCS	(2) 0.25 dia x 0.50 long	