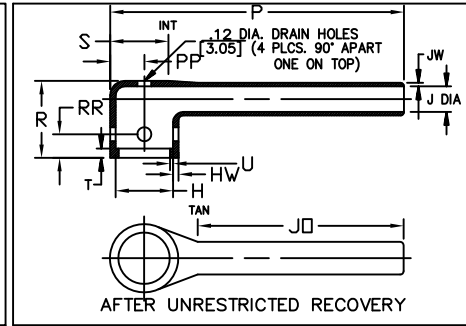
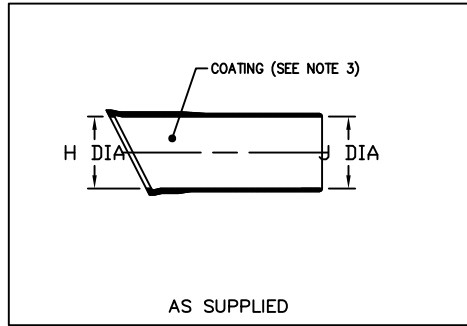


# NOTES

1. All dimensions are in inches  
[millimeters]
2. Dimensions appearing in table are as follows:  
a - As Supplied  
b - After Unrestricted Recovery
3. Coating is optional. As supplied dimensions appearing in table are for uncoated parts. When coating is added, entry diameters will be reduced by .06 max.



DIMENSIONING AND TOLERANCING PER ASME Y14.5M (ISO STANDARDS)

## REVISIONS

| LTR | DESCRIPTION               | DATE       |
|-----|---------------------------|------------|
| B   | REVISED PER ECO-12-007619 | 04/20/2012 |

## ORDERING INFORMATION

Base part number 222D2XX -X -88 /XXX

Material dash number                       
(See Compatibility Chart)

Modification number                       
(If necessary, see front of scd binder for a complete list)

Adhesive slash number                       
(If necessary, see Compatibility Chart)

If this document is printed it becomes uncontrolled. Check for the latest revision

## COMPATABILITY CHART

| MATERIAL DASH NO. | MATERIAL DESCRIPTION                 | RT SPEC | COATING SLASH NO. | COATING S. NO.         | COATING DESCRIPTION |
|-------------------|--------------------------------------|---------|-------------------|------------------------|---------------------|
| -3                | Polyolefin, Semi-rigid               | RT-301  | /42; /86; /180    | S-1017; S-1048; S-1030 | Adhesive            |
| -4                | Polyolefin, Flexible                 | RT-1304 | /42; /86; /180    | S-1017; S-1048; S-1030 | Adhesive            |
| -5                | Elastomer, Flexible                  | RT-501  | N/A               |                        |                     |
| -6                | Silicone                             | RT-602  | N/A               |                        |                     |
| -8                | Polyolefin, Space                    | RT-1308 | N/A               |                        |                     |
| -12               | *VITON, Flexible                     | RT-1312 | N/A               |                        |                     |
| -25               | Elastomer, Fluid Resistant           | RT-1325 | /42; /86          | S-1017; S-1048         | Adhesive            |
| -100              | Polyolefin, Semi-flexible<br>ZEROHAL | RT-1323 | /184              | S-1030                 | Adhesive            |

\*VITON is a Registered Trademark of Dupont

## TABLE OF DIMENSIONS

| PART<br>NUMBER | H      |        | J                    |                             |        | P       | R      | S      | T      | U      | JO      | PP     | RR     | HW     | JW     |
|----------------|--------|--------|----------------------|-----------------------------|--------|---------|--------|--------|--------|--------|---------|--------|--------|--------|--------|
|                | Min    | Max    | Min<br>-3,-4,<br>-25 | Min<br>-5,-6,-8<br>-12,-100 | Max    | ±10%    | Ref    | Ref    | Ref    | Ref    | ±10%    | ±10%   | ±10%   | ±20%   | ±20%   |
| 222D211-X-88   | .88    | .45    | .88                  | .55                         | .25    | 4.14    | .73    | .47    | .12    | .04    | 3.45    | .27    | .47    | .06    | .045   |
|                | [22,4] | [11,4] | [22,4]               | [14,0]                      | [6,4]  | [105,2] | [18,5] | [11,9] | [3,05] | [1,02] | [87,6]  | [6,9]  | [11,9] | [1,52] | [1,14] |
| 222D221-X-88   | 1.01   | .59    | 1.01                 | .63                         | .29    | 4.88    | .78    | .60    | .12    | .04    | 3.90    | .33    | .47    | .06    | .045   |
|                | [25,7] | [15,0] | [25,7]               | [16,0]                      | [7,4]  | [124,0] | [19,8] | [15,2] | [3,05] | [1,02] | [99,1]  | [8,4]  | [11,9] | [1,52] | [1,14] |
| 222D232-X-88   | 1.16   | .74    | 1.16                 | .72                         | .33    | 5.76    | .82    | .75    | .12    | .04    | 4.50    | .41    | .47    | .07    | .045   |
|                | [29,5] | [18,8] | [29,5]               | [18,3]                      | [8,4]  | [146,3] | [20,8] | [19,1] | [3,05] | [1,02] | [114,3] | [10,4] | [11,9] | [1,78] | [1,14] |
| 222D242-X-88   | 1.34   | .90    | 1.34                 | .84                         | .38    | 6.78    | .86    | .90    | .12    | .04    | 5.22    | .48    | .47    | .07    | .045   |
|                | [34,0] | [22,9] | [34,0]               | [21,3]                      | [9,7]  | [172,2] | [21,8] | [22,9] | [3,05] | [1,02] | [132,6] | [12,2] | [11,9] | [1,78] | [1,14] |
| 222D253-X-88   | 1.47   | 1.16   | 1.47                 | .91                         | .41    | 7.29    | .96    | 1.15   | .12    | .065   | 5.66    | .61    | .47    | .08    | .045   |
|                | [37,3] | [29,5] | [37,3]               | [23,1]                      | [10,4] | [185,2] | [24,4] | [29,2] | [3,05] | [1,65] | [143,8] | [15,5] | [11,9] | [2,03] | [1,14] |
| 222D263-X-88   | 1.72   | 1.34   | 1.72                 | 1.07                        | .48    | 8.41    | 1.08   | 1.32   | .12    | .085   | 6.66    | .72    | .47    | .08    | .045   |
|                | [43,7] | [34,0] | [43,7]               | [27,2]                      | [12,2] | [213,6] | [27,4] | [33,5] | [3,05] | [1,65] | [169,2] | [18,3] | [11,9] | [2,03] | [1,14] |
| 222D274-X-88   | 1.97   | 1.62   | 1.97                 | 1.24                        | .56    | 8.84    | 1.16   | 1.59   | .12    | .065   | 6.82    | .83    | .47    | .09    | .055   |
|                | [50,0] | [41,1] | [50,0]               | [31,5]                      | [14,2] | [224,5] | [29,5] | [40,4] | [3,05] | [1,65] | [173,2] | [21,1] | [11,9] | [2,29] | [1,40] |
| 222D285-X-88   | 2.47   | 1.85   | 2.47                 | 1.54                        | .69    | 8.95    | 1.31   | 1.81   | .12    | .08    | 6.62    | .95    | .63    | .10    | .055   |
|                | [62,7] | [47,0] | [62,7]               | [39,1]                      | [17,5] | [227,3] | [33,3] | [46,0] | [3,05] | [2,03] | [168,1] | [24,1] | [16,0] | [2,54] | [1,40] |
| 222D296-X-88   | 2.73   | 2.35   | 2.73                 | 1.70                        | .77    | 9.19    | 1.38   | 2.28   | .12    | .08    | 6.19    | 1.18   | .63    | .10    | .055   |
|                | [69,3] | [59,7] | [69,3]               | [43,2]                      | [19,6] | [233,4] | [35,1] | [57,9] | [3,05] | [2,03] | [157,2] | [30,0] | [16,0] | [2,54] | [1,40] |
| 222D299-X-88   | 3.22   | 2.64   | 3.22                 | 2.01                        | .90    | 9.33    | 1.75   | 2.55   | .12    | .08    | 5.95    | 1.31   | .63    | .10    | .055   |
|                | [81,8] | [67,1] | [81,8]               | [51,1]                      | [22,9] | [237,0] | [44,5] | [64,8] | [3,05] | [2,03] | [151,1] | [33,3] | [16,0] | [2,54] | [1,40] |

Raychem Molded Parts

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| RPN                                                                                                                                                                                                          | CAD FILE:<br>222D2XX-X-88_CD     | THIRD ANGLE<br>PROJECTION        | TITLE<br>BOOT, 90°, WITH LIPS |
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