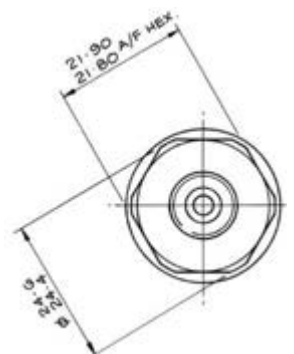
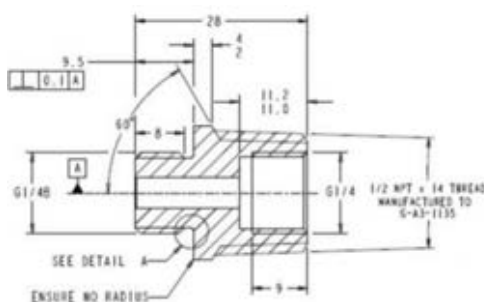
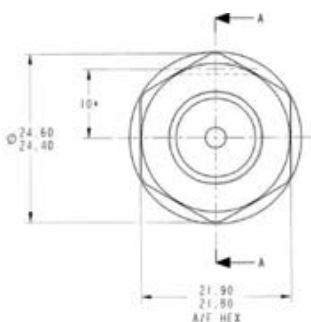




# UNIK5000 Pressure Connector endings



Pressure connectors are not normally a big issue for customers; It is normally just a matter of the customer being able to source the mating connector easily hence the regional nature.

- Euro centric Customers normally use G1/4 female
- US centric customers normally use 1/4 NPT
- The automotive industry like 7/16 UNF

Chinese and Eastern Europe like Metric threads M20 and M12

At high pressures (over 70 bar) we would recommend (and most customers prefer) larger stronger threads the G1/4 and 1/4 NPT are offered for these reasons.

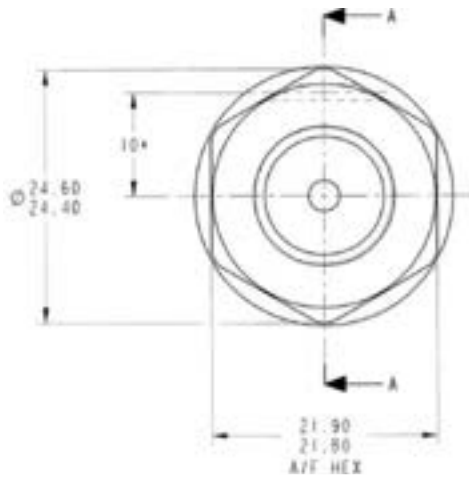
Other Specialist applications require specialist connectors; we have included many of the common ones as standard.

In this document we have the drawings and dimensions of the pressure connector endings. For any other requirement please consult the application engineering team who can advise on whether your request is available or can be made available.

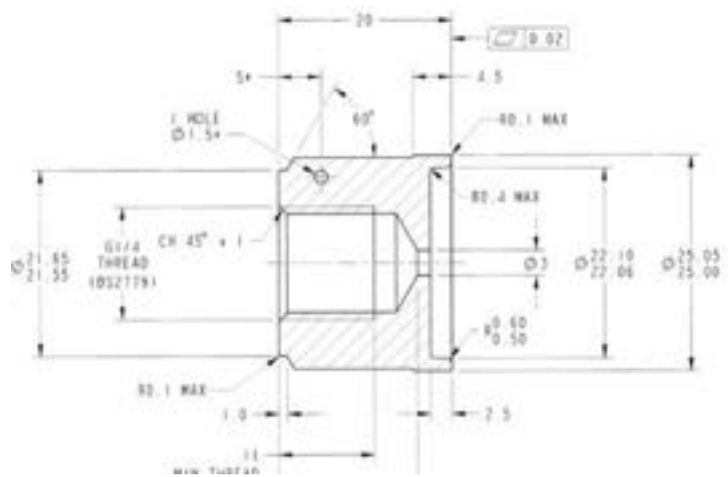
The pressure connectors are listed below.

|                                         |                                              |
|-----------------------------------------|----------------------------------------------|
| PA - G1/4 Female                        | PX – 7/16-20 UNF Male Flat Short             |
| PB - G1/4 Male                          | PY—3/8-24 UJNF Male                          |
| PC- G1/4 Male 60° Int Cone              | PZ—M10 x 1 800 Int Cone                      |
| PD- G1/8 Male 60° Int Cone              | RA—VCR Female                                |
| PE- 1/4 NPT Female                      | RB—G1/4 Male Flat with Snubber               |
| PF- 1/4 NPT Male                        | RC—G1/4 Male Flat with Cross Bore Protection |
| PG— 1/8 NPT Male                        | RD—M12 x 1.0 740 External Cone               |
| PH—M20 x 1.5 Male                       | RE—Quick release Male                        |
| PK— M12 x 1 Male Int Cone               | RF—VCR Male                                  |
| PL—7/16-20 UNJF Male 740 Int Cone       | RJ—M20 x 1.5 (8mm Bore)                      |
| PN—G1/2 Male Via Adapter                | RQ—NW16 Flange                               |
| PQ— G1/4 Quick Connect                  | RT—1/8 NPT Female                            |
| PR—1/2NPT Male Via Adapter              | RU—R38 Male (PT/8)                           |
| PS—G1/4 Swagelok Bulkhead               | RV—R1/4 Male (pt1/4)                         |
| PT— G1/4 Male Flat Long                 | RW—G1/4 Male with Nipple                     |
| PU- 7/16-20 UNF Male Long 37° Flare Tip | PJ- M20 x 1.5 Male 60° Int Cone              |
| PV—7/16-20 UNF Female                   | G1/4 Male to Female                          |
| PW—Depth Cone                           | G1/4 Male to Male                            |

## PA – G1/4 Female

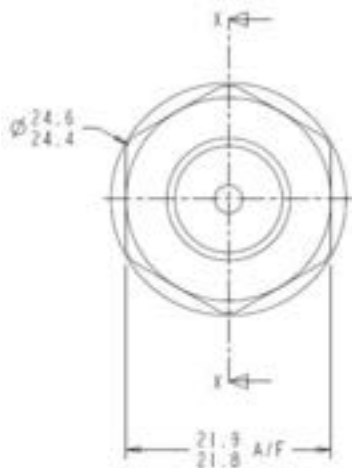


227-240

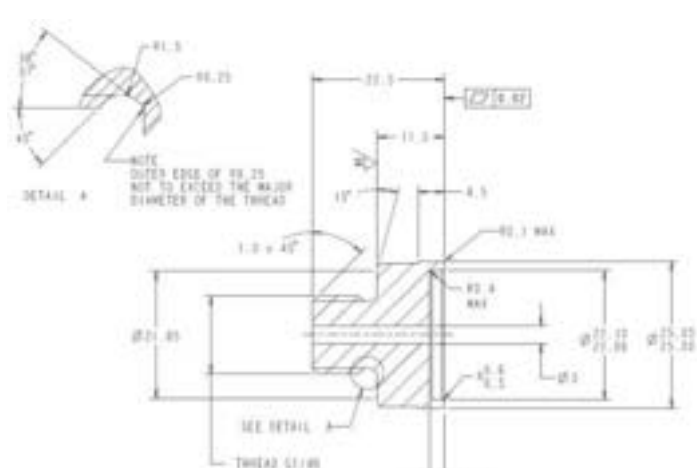


G1/4 Female A-A3-1790\$02C

## PB – G1/4 Male

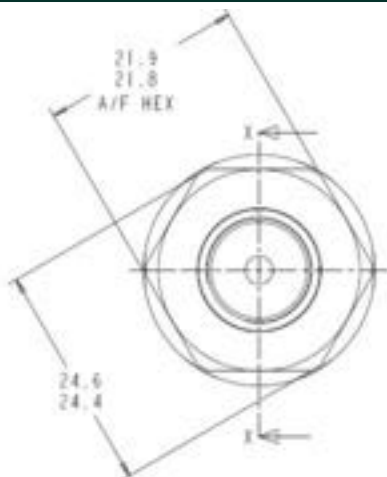


227-229

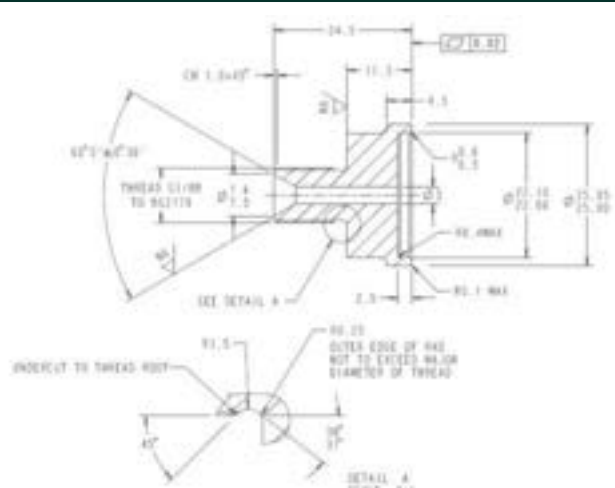


G1/4 Male A-A3-1769\$05B

## PC– G1/4 Male 60° Int Cone

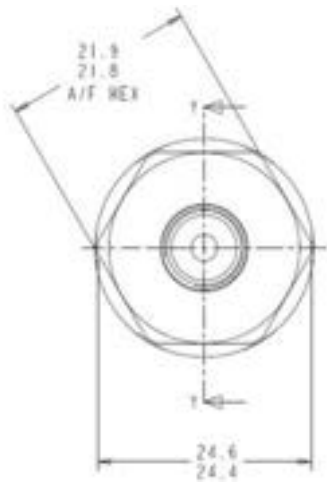


227-232

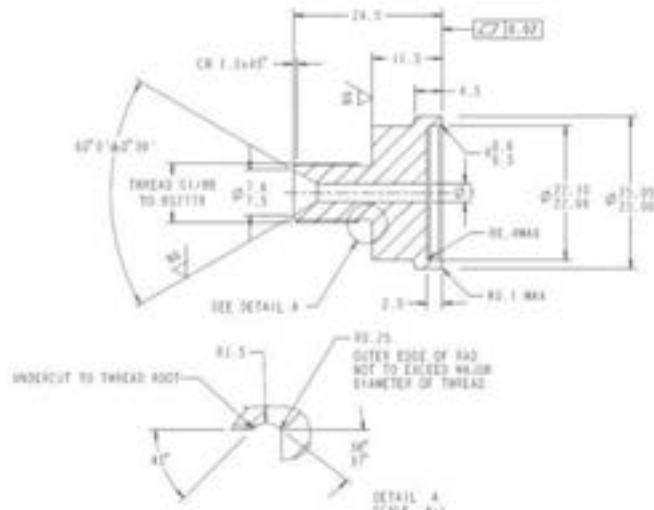


G1/4 Male 60° Int Cone A-A3-1771\$04B

**PD- G1/8 Male 60° Int Cone**

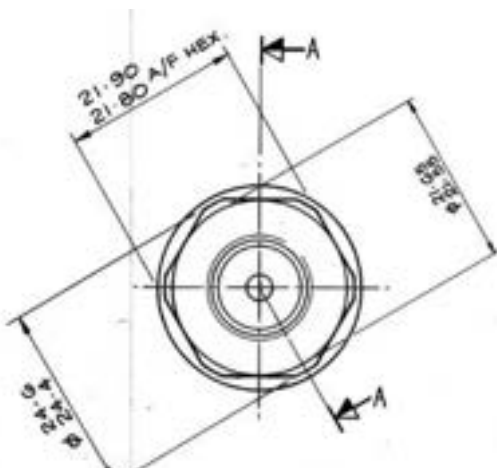


227-231

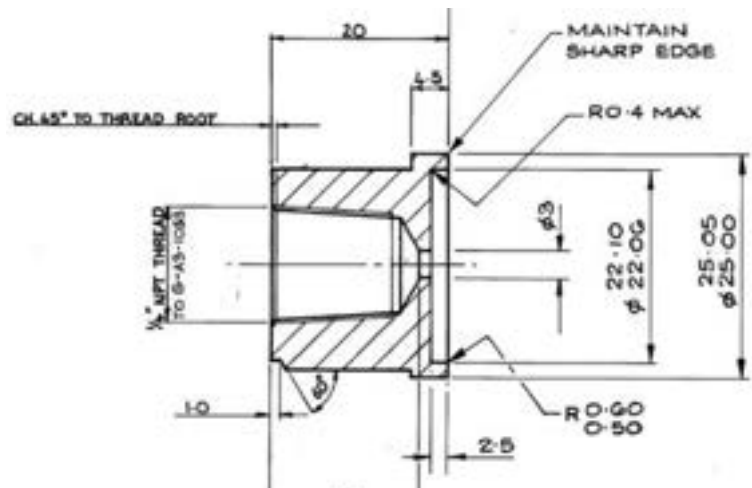


G1/8 Male 60° Int Cone A-A3-1770\$03C

**PE- ¼ NPT Female**

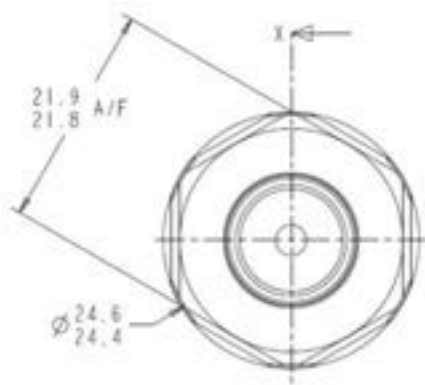


227-241

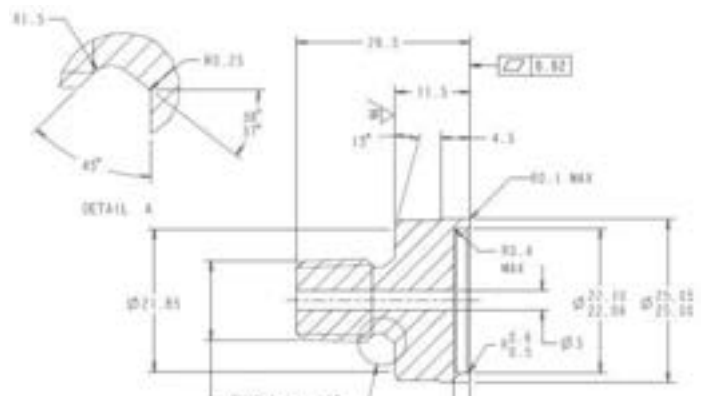


1/4 NPT Female A-A3-1791\$02D

**PF- ¼ NPT Male**

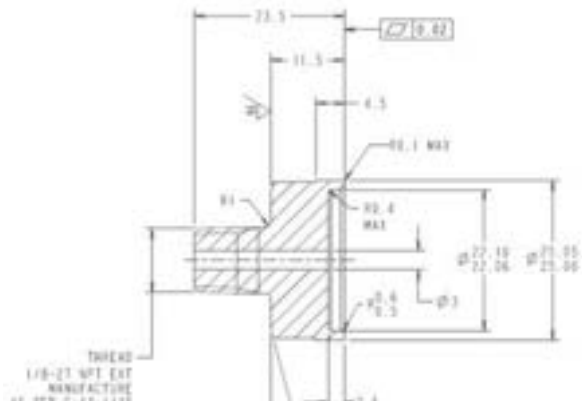
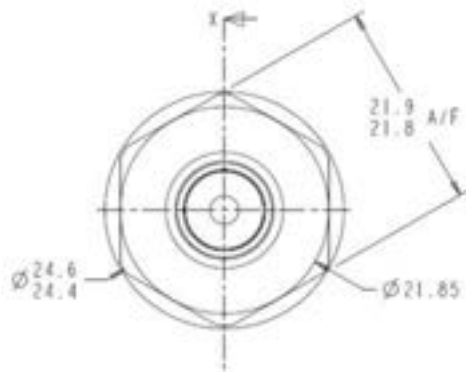


227-233



1/4 NPT Male A-A3-1772\$05B

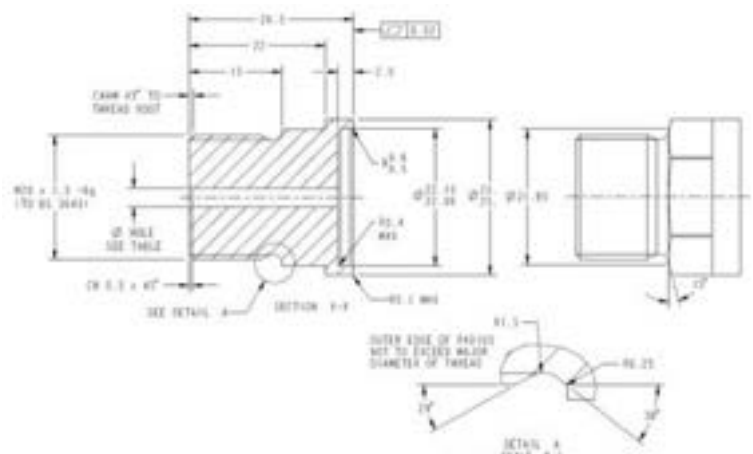
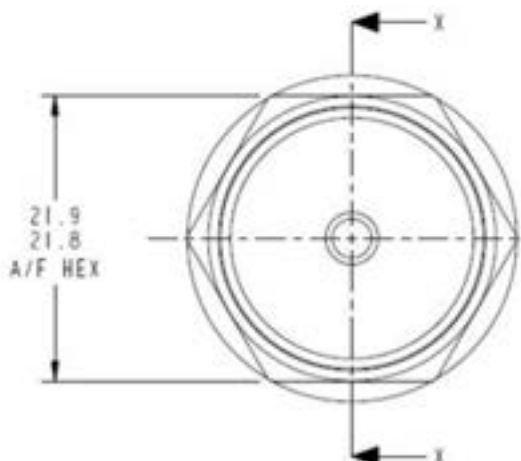
## PG— 1/8 NPT Male



227-253

1/8 NPT Male A-A3-1850\$01C

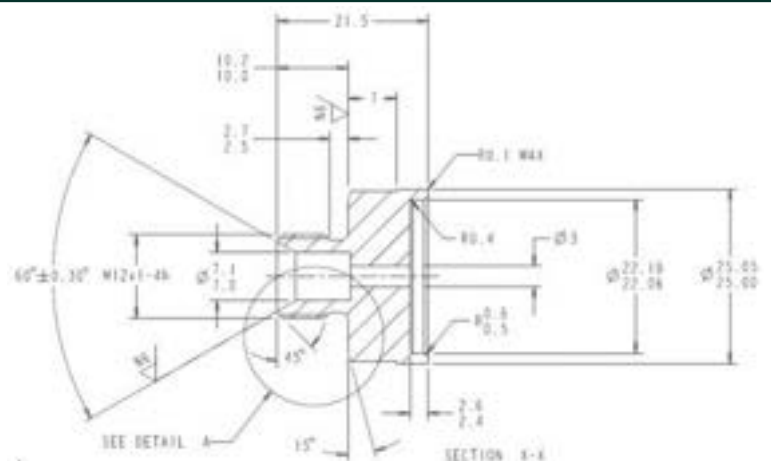
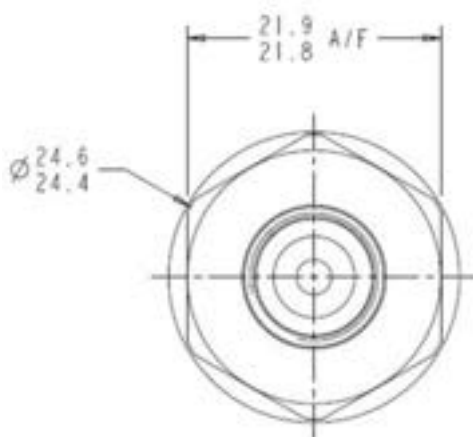
## PH—M20 x 1.5 Male



227-904-1

M20x1.5 Male A-A3-5703\$01E

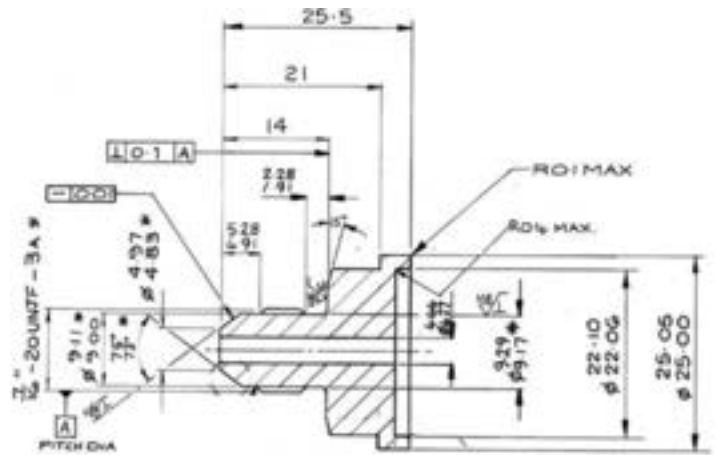
## PK— M12 x 1 Male Int Cone



226-365-01

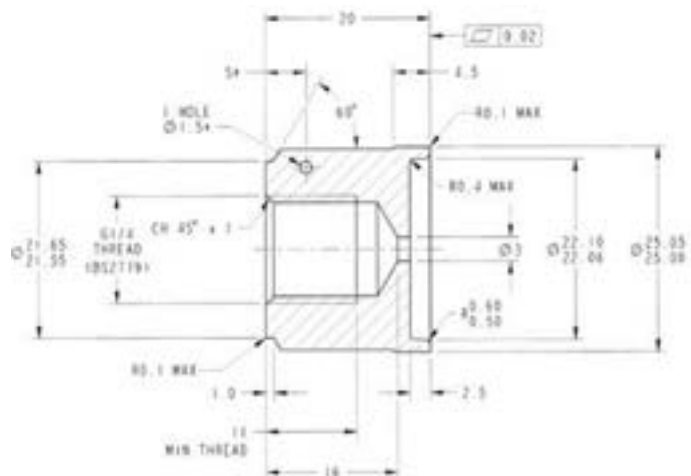
M12x1 Male Int Cone A-A3-7974\$01B

**PL—7/16-20 UNJF Male 74<sup>0</sup> Int Cone**

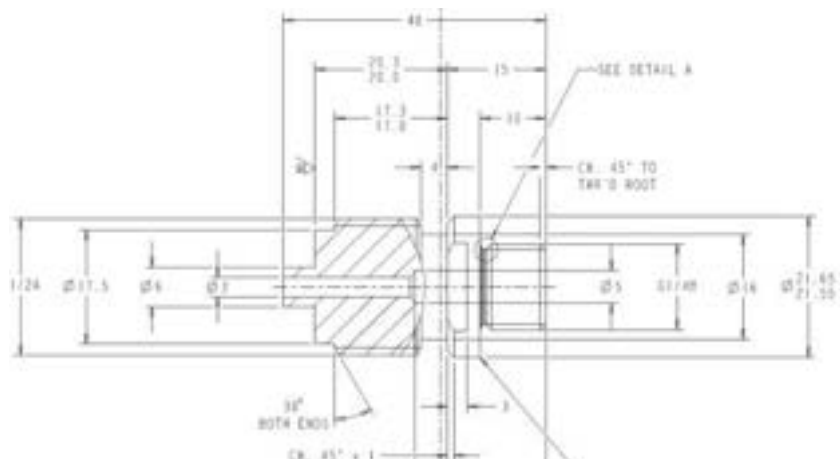


227-209-05      7/16-20 UNJF Male 74<sup>0</sup> Int Cone A-A3-1675\$05C

## PN—G1/2 Male Via Adapter



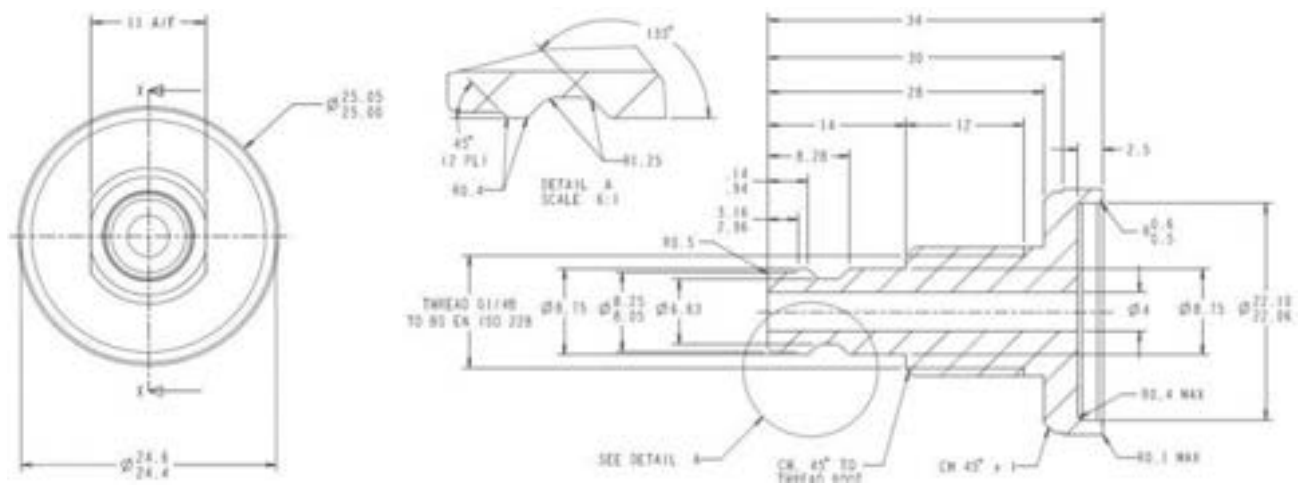
|         |                                                |
|---------|------------------------------------------------|
| 227-240 | Conn G1/4 Female D25 316 Push D A-A3-1790\$02C |
|---------|------------------------------------------------|



190-039 Adapter Core G1/4 to G1/2a A-A4-1950\$01C  
204-068 Seal Bonded G1/4

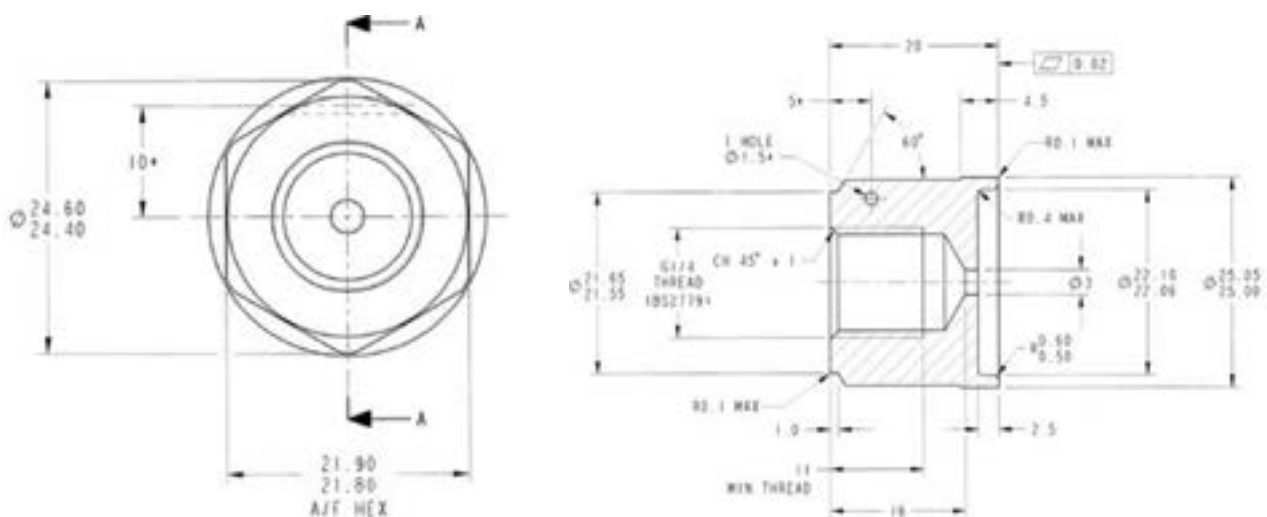


**PQ—** G1/4 Quick Connect

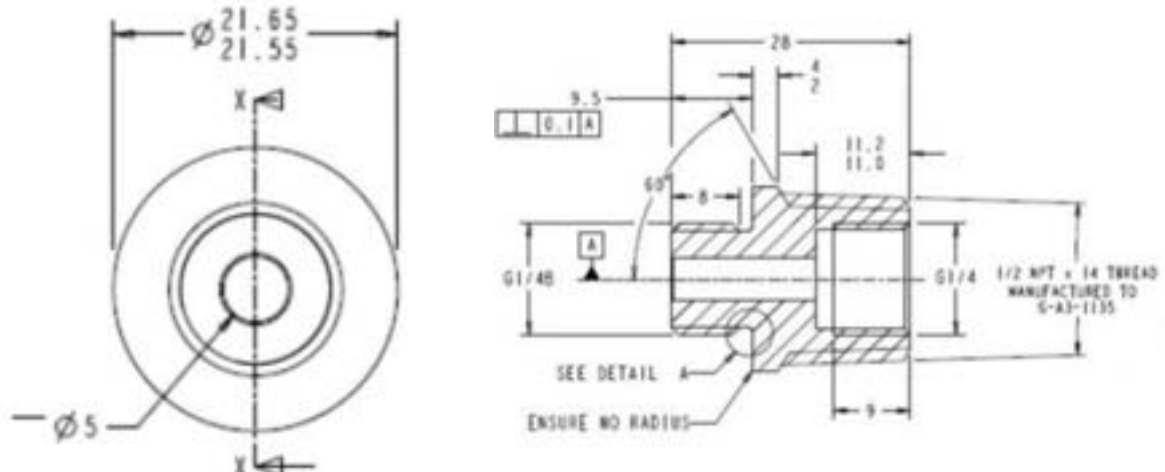


A-A4-9058

## PR-1/2NPT Male Via Adapter

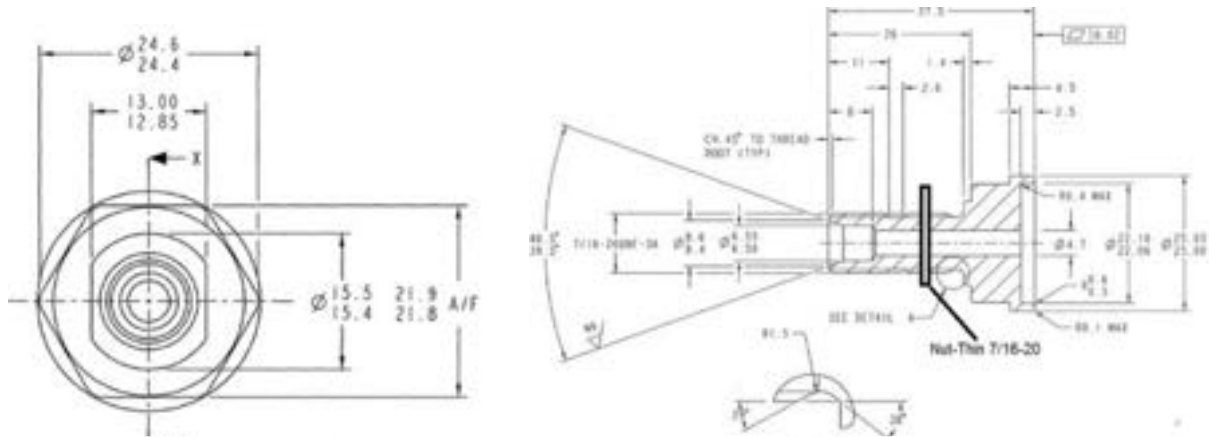


Conn G1/4 Female D25 316 Push D A-A3-1790\$02C



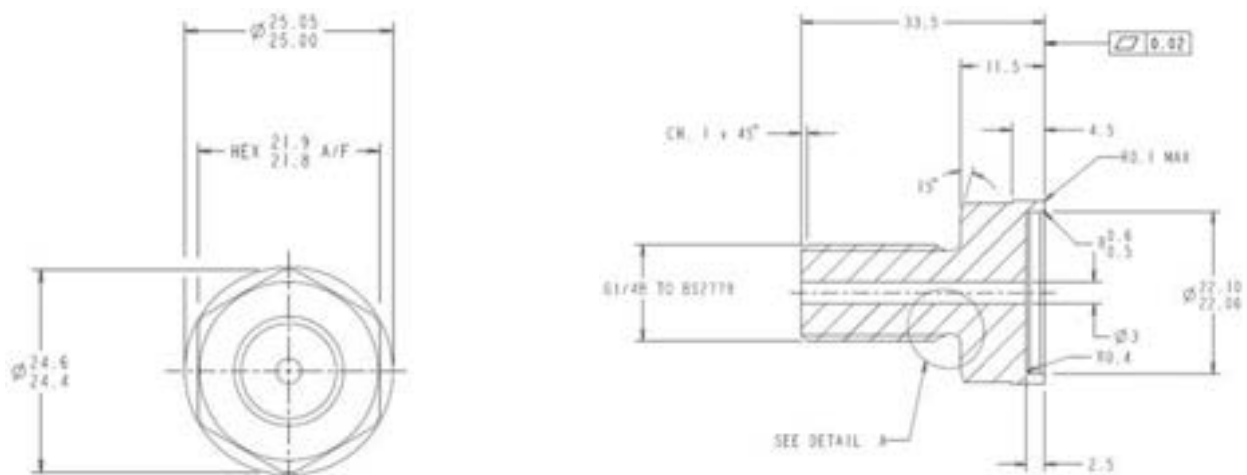
A-A4-5511\$01F

## PS—G1/4 Swagelok Bulkhead



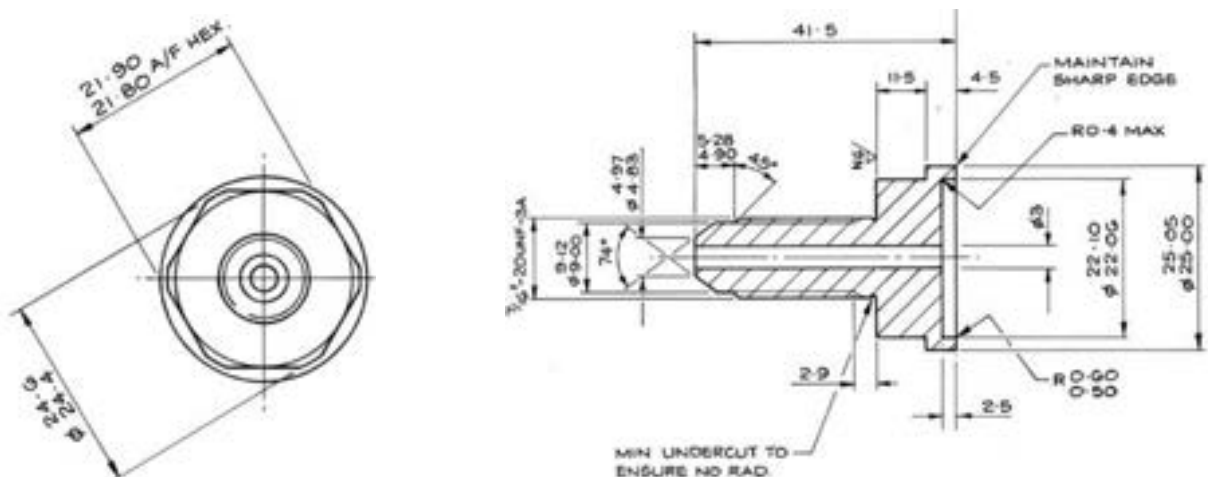
227-569-02 Conn 7/16 UNF Bulkhead ¼ Swagelok A-A3-3811\$01A  
092-003 Nut- Thin 7/16-20 UNF-2b

## PT— G1/4 Male Flat Long



226-101-01 G1/4 Male Flat Long A-A3-7213\$01C

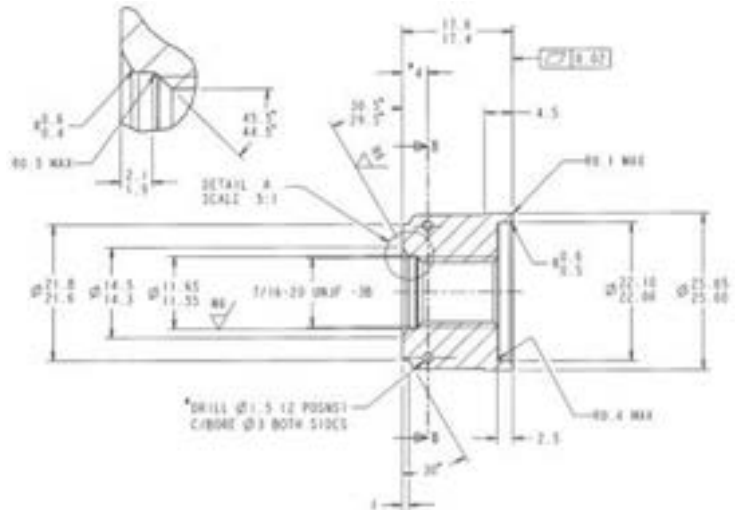
## PU- 7/16-20 UNF Male Long 37° Flare Tip



227-265 7/16-20 UNF Male Long 37° Flare Tip A-A3-1878\$1

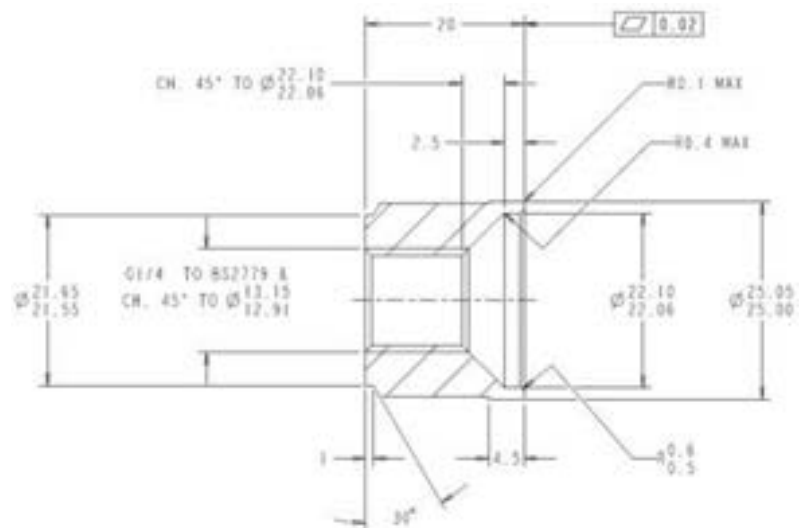


**PV—7/16-20 UNF Female**

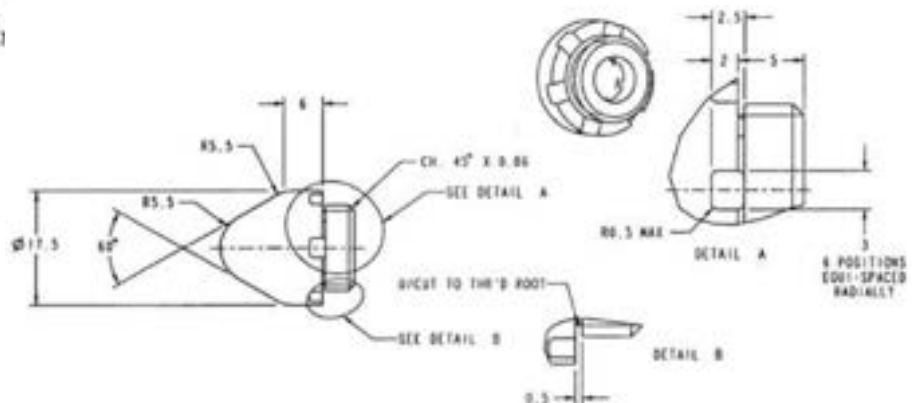


A-A3-1847\$03E

## PW—Depth Cone

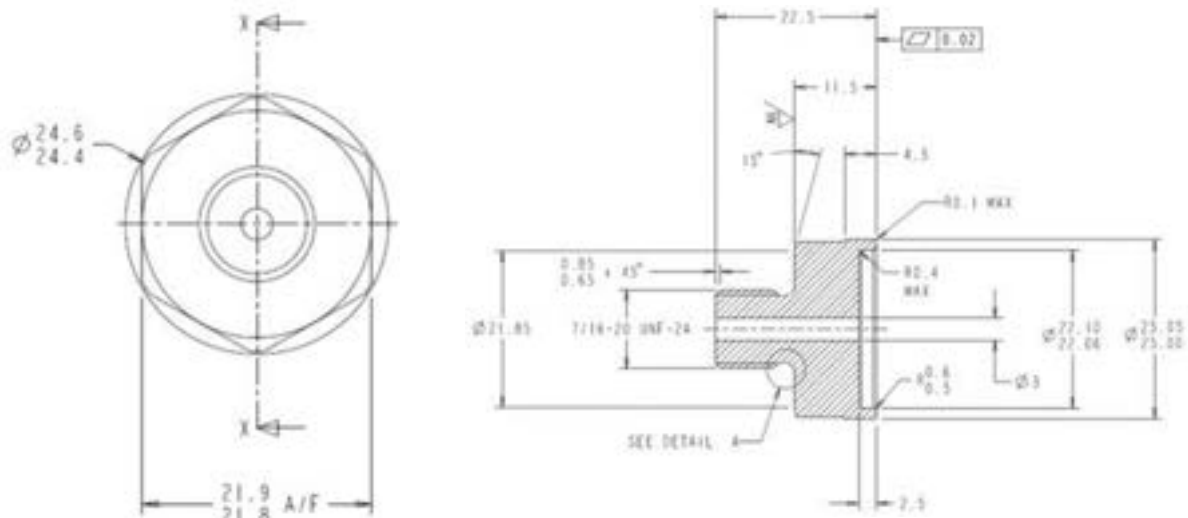


Conn G1/4 Female D25 316 Push D A-A3-1790\$02C



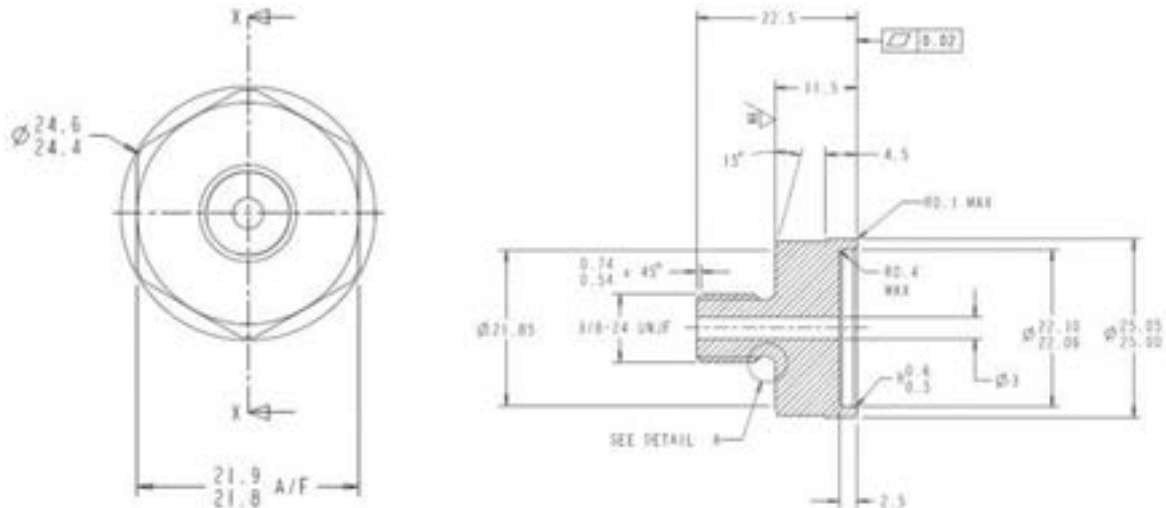
222-112-01 Depth Cone D17.5 G1/4 H-A3-1270\$01A

## PX—7/16-20 UNF Male Flat Short



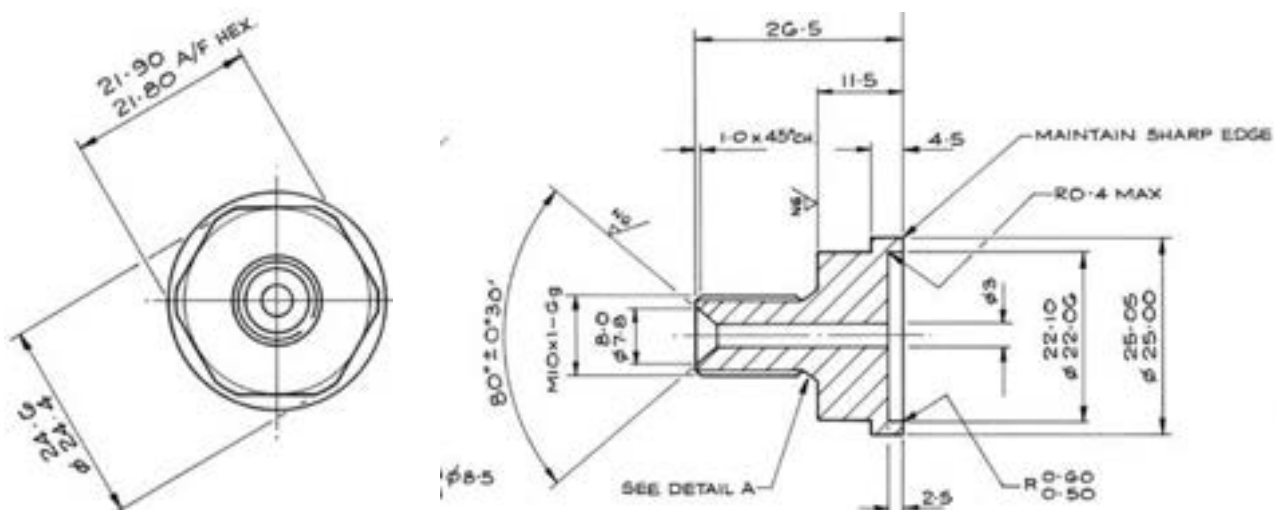
226-373-01 7/16-20 UNF Male Flat Short A-A3-7994\$01A

## PY—3/8-24 UJNF Male



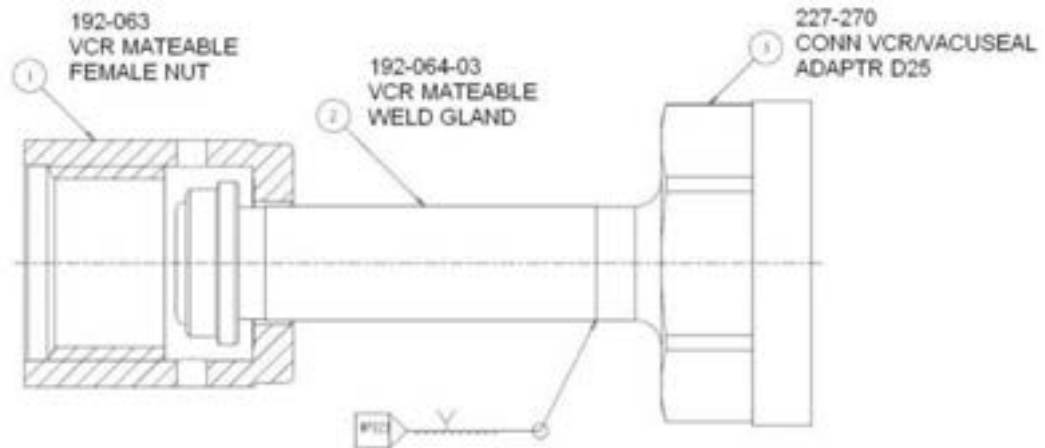
226-367-01 3/8-24 UJNF Male A-A3-7979\$01A

## PZ—M10 x 1 80° Int Cone



227-315 M10 x 1 80° Int Cone A-A3-1989\$2

## RA—VCR Female

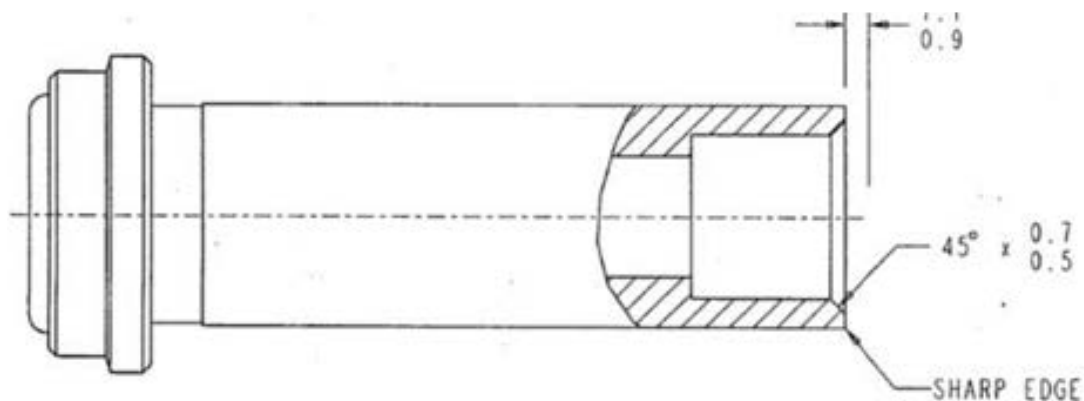


DA6831-1-01 VCR Female      A-A3-6831\$01A

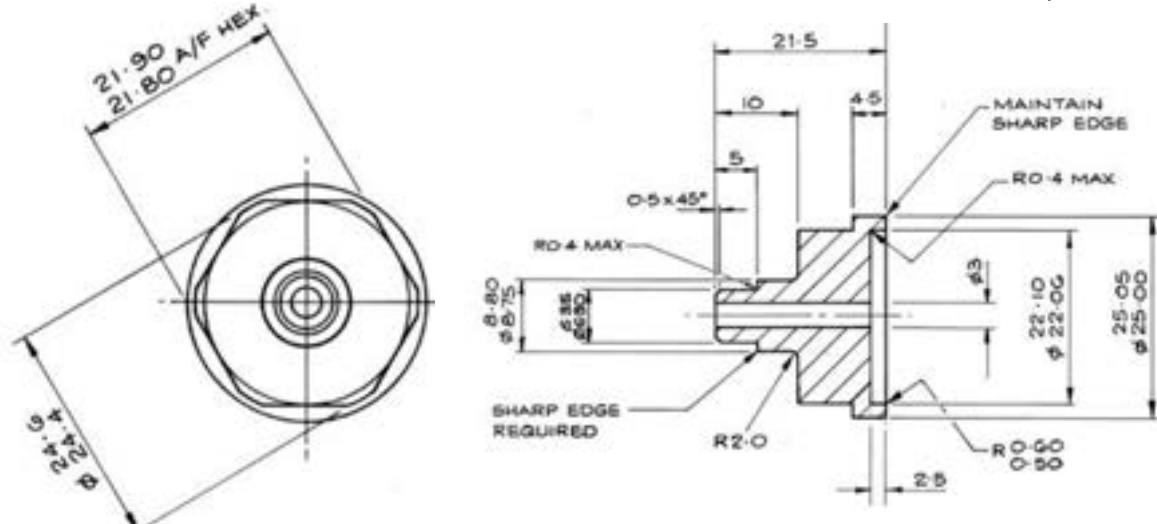


| General           |                                              |
|-------------------|----------------------------------------------|
| Body Material     | 316 Stainless Steel                          |
| Cleaning Process  | Standard Cleaning and Packaging (SC-10)      |
| Connection 1 Size | 1/4 in.                                      |
| Connection 1 Type | Female VCR® Metal Gasket Face Seal Split Nut |
| eClass (4.1)      | 37020718                                     |
| eClass (6.0)      | 23-11-07-00                                  |
| UNSPSC (11.0501)  | 31161700                                     |
| UNSPSC (4.03)     | 31161700                                     |
| UNSPSC (SWG01)    | 31161700                                     |

192-063 VCR Mateable Female Nut

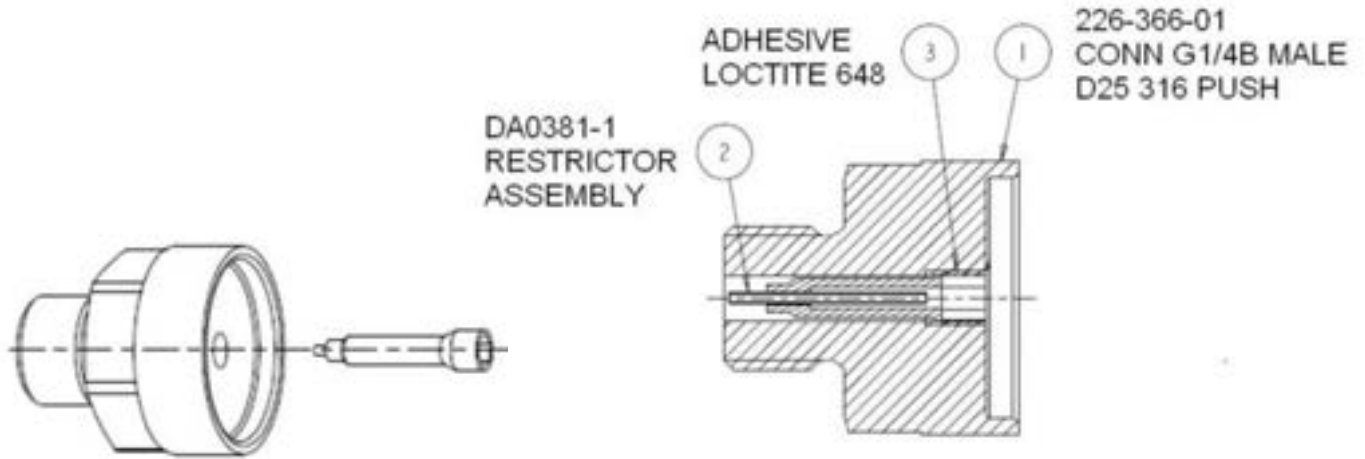


192-064-01      VCR Mateable Weld Gland      A-A4-1504\$03A



227-270      Conn VCR Vacuseal Adapter D25      A-A3-1886\$2

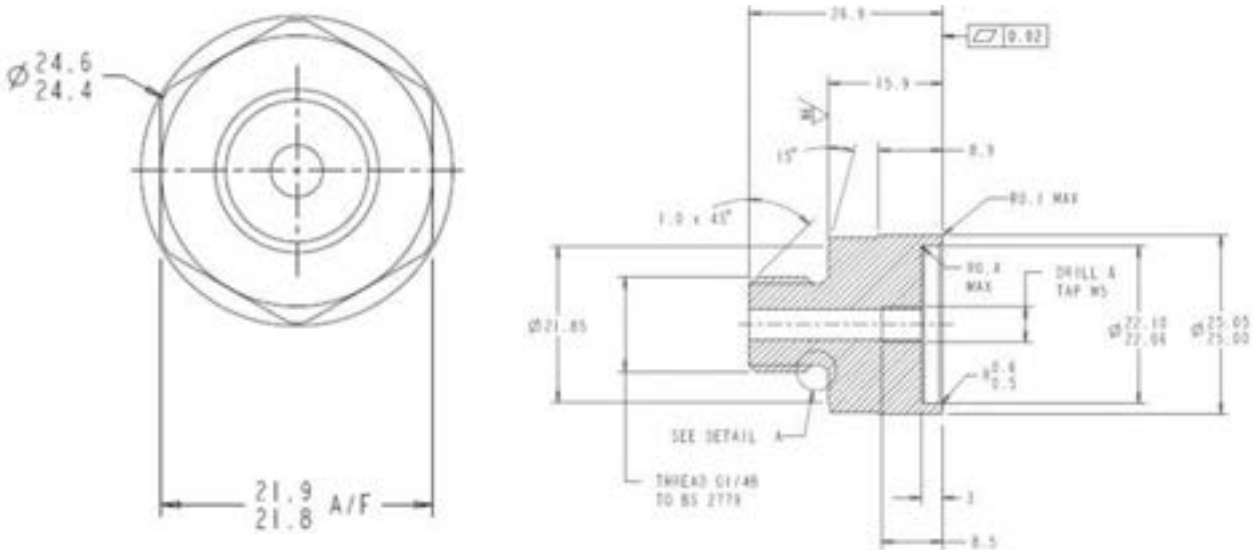
## RB—G1/4 Male Flat with Snubber



DA6826-1-01

G1/4 Male Flat with Snubber

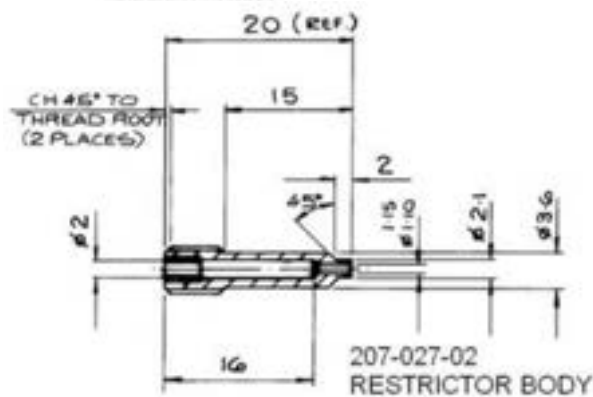
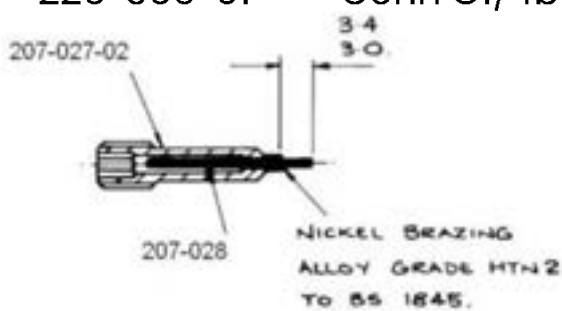
A-A3-6826\$01A



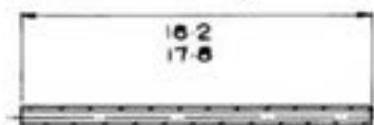
226-366-01

Conn G1/4b Male D25 316 Push

A-A3-7980\$01A



STAINLESS STEEL GRADE 304  
TUBE, 1-10 OUTSIDE DIAMETER  
0-685 INSIDE DIAMETER.  
(GAUGE No. 19)



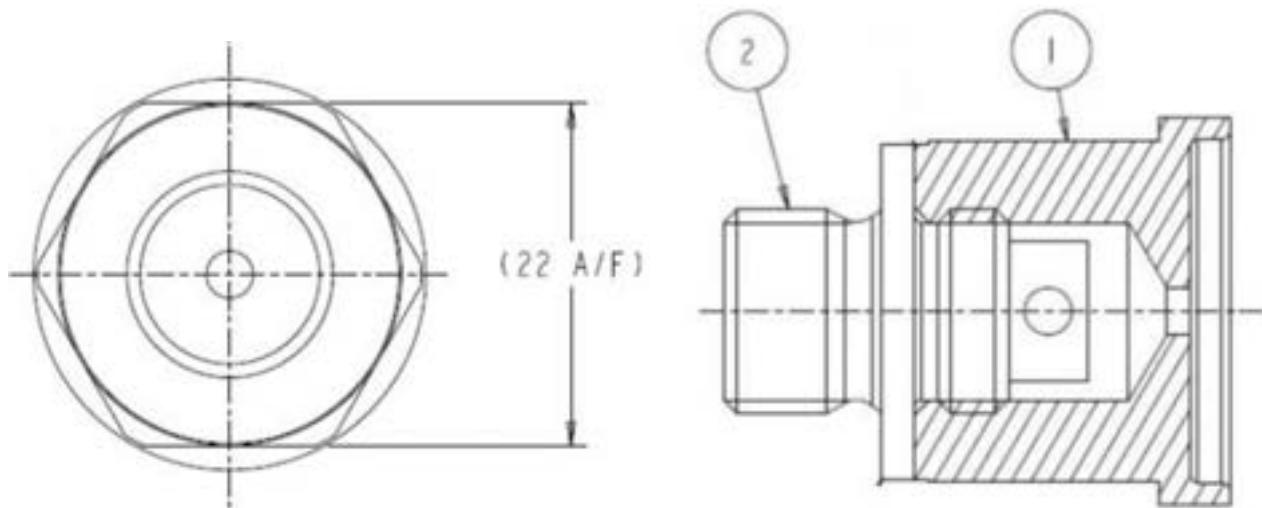
207-028  
RESTRICTOR TUBE

DA0318-1

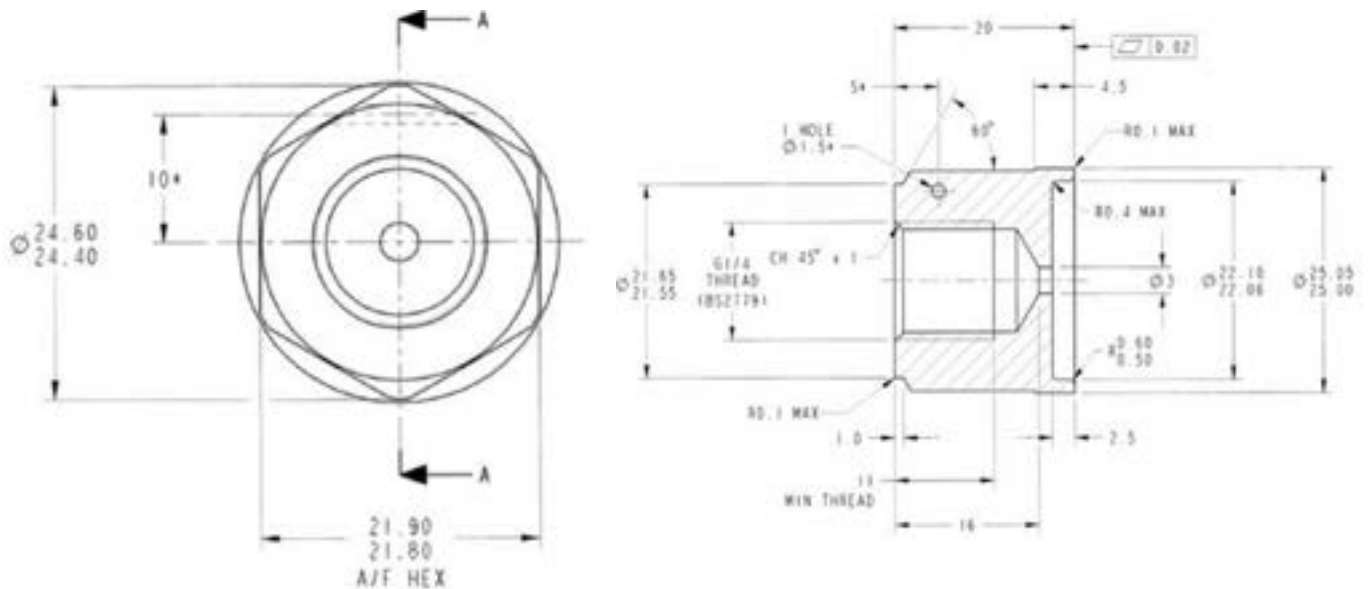
Restrictor Assembly

A-A4-0318\$01B

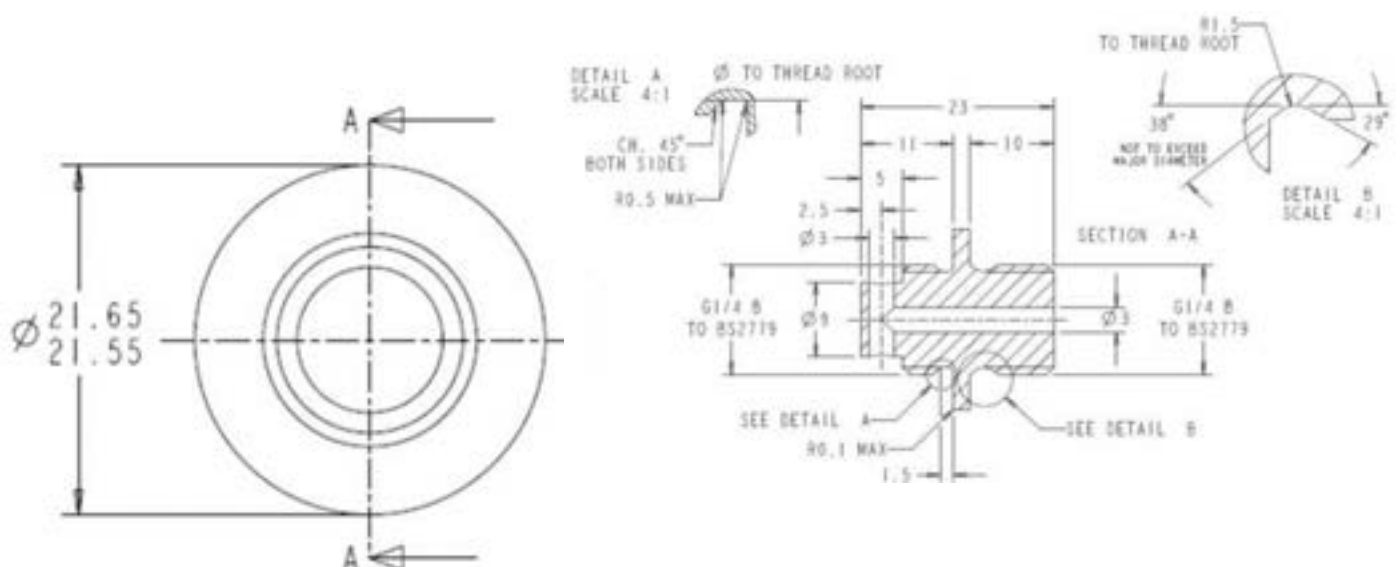
## RC—G1/4 Male Flat with Cross Bore Protection



DA6967-1-01      G1/4 Male Flat With Cross Bore Protection      A-A4-6967



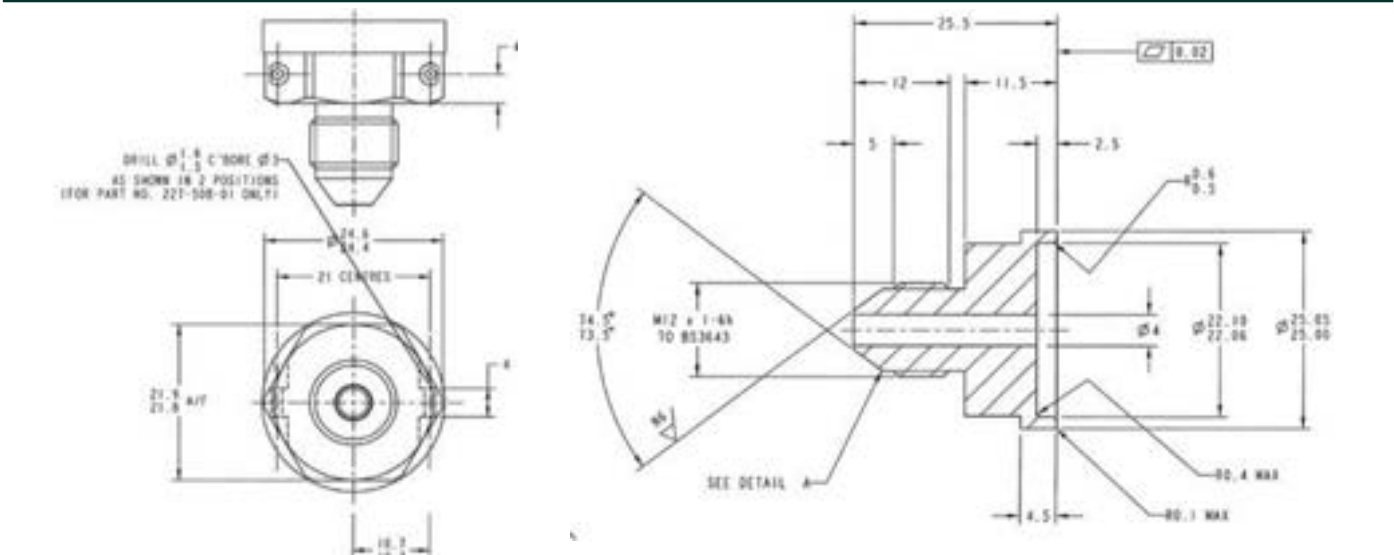
227-240 Conn G1/4 Female D25 316 Push A-A3-1709\$02C



190-669-01 Adapter Core G1/4 Male to G1/4 Male A-A4-9055\$01A

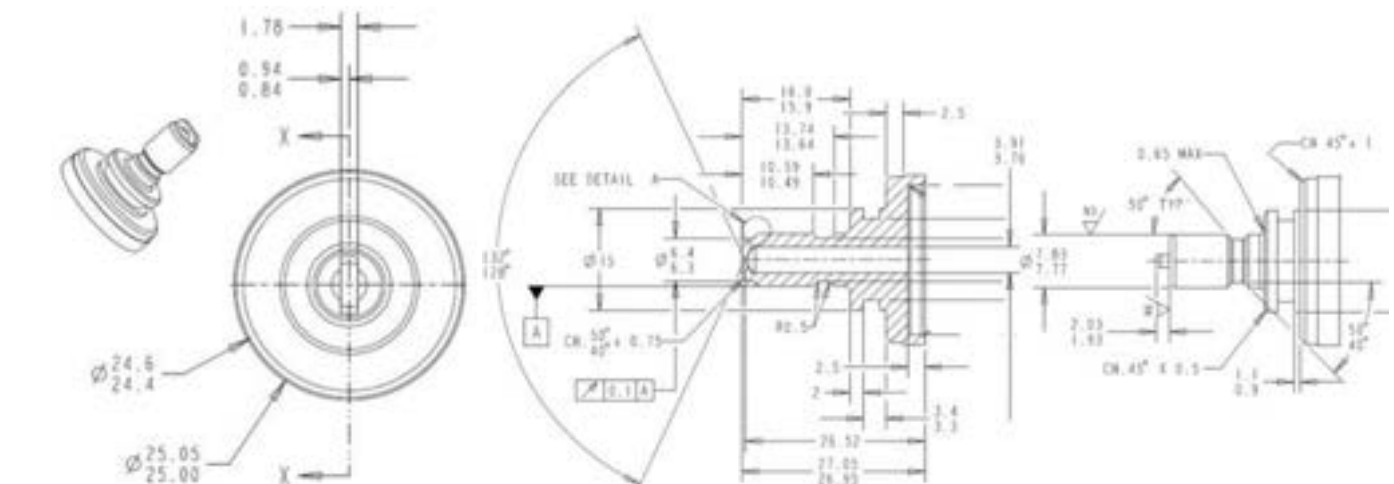


**RD—M12 x 1.0 74° External Cone**



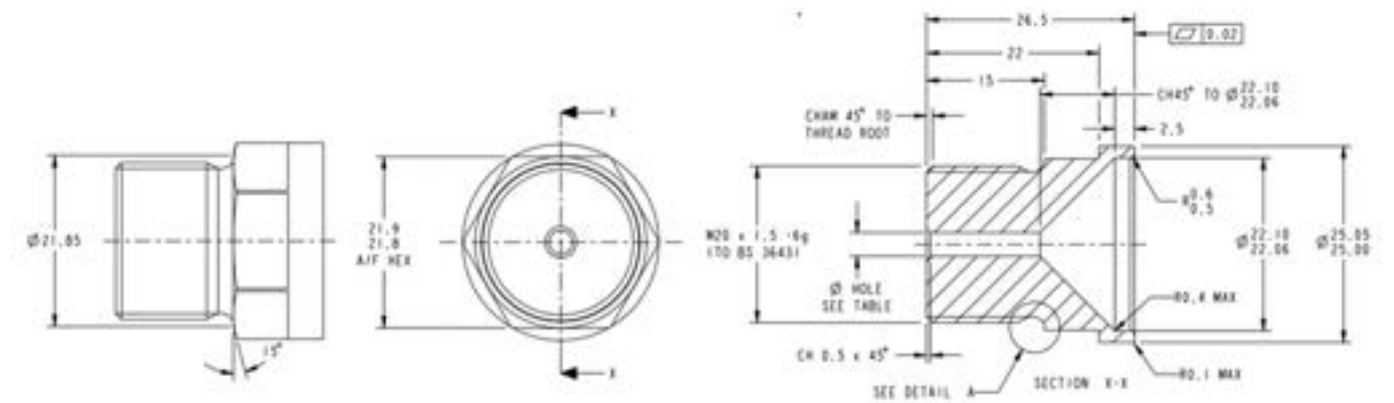
227-508-01 M12 X 1.0 74<sup>0</sup> External Cone A-A3-3617\$01B

## RE—Quick release Male



226-654-01 Quick Release Male      A-A3-9063\$01A

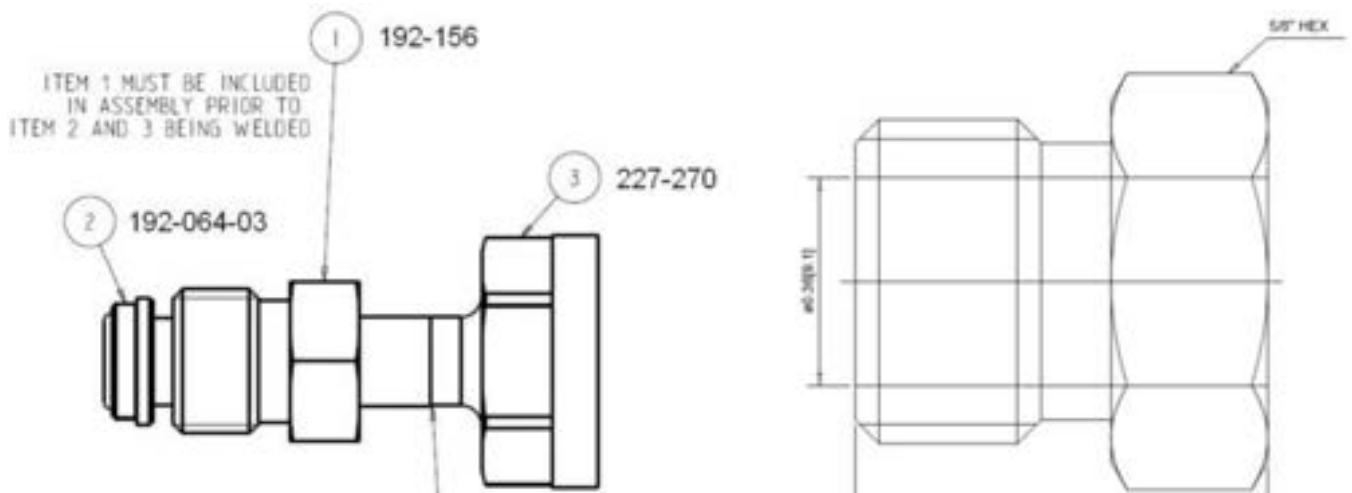
**RJ—M20 x 1.5 (8mm Bore)**



112M1024-1 M20 X 1.5 (8mm Bore) 112M1024

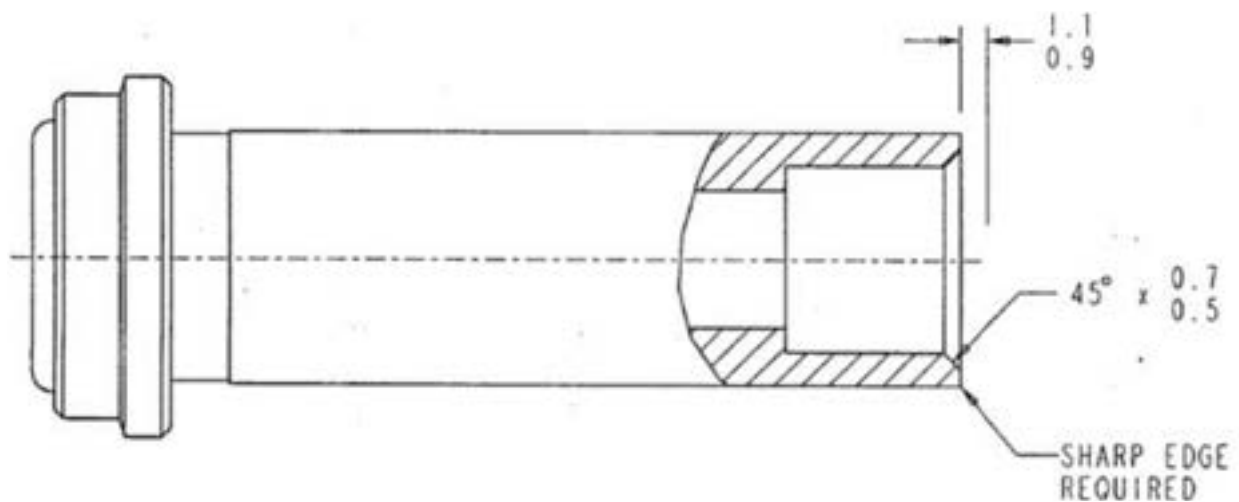


## RF—VCR Male

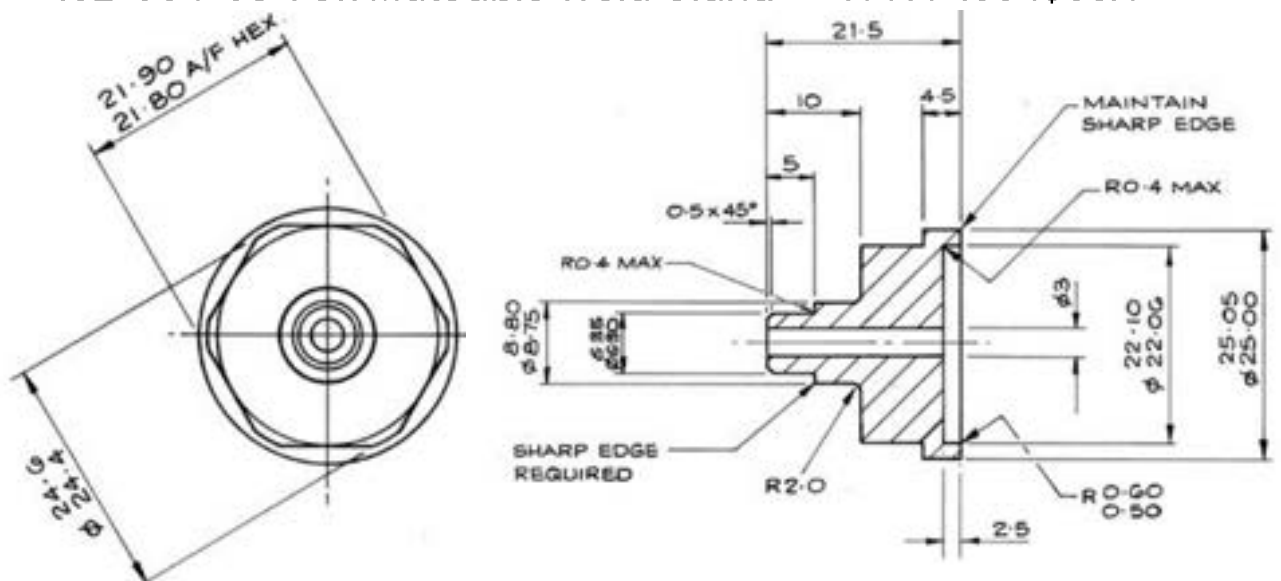


DA0430 VCR Male      A-A3-0430\$01C

192-156 VCR Mateable Male Nut 316      SS-4-VCR-4\$

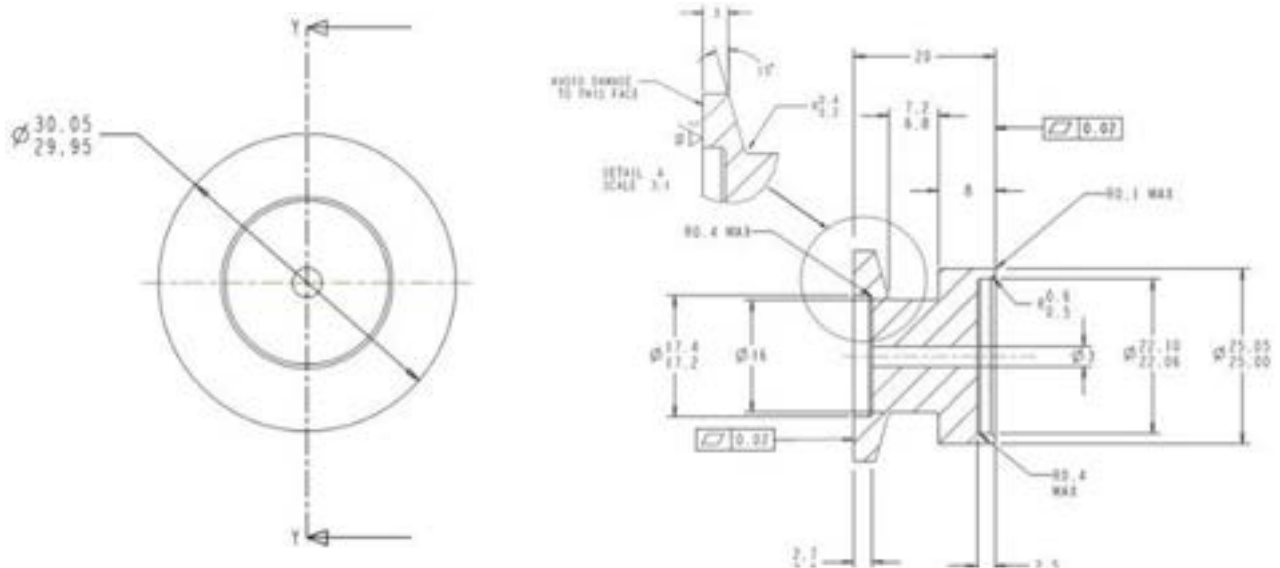


192-064-03 VCR Mateable Weld Gland      A-A4-1504\$03A



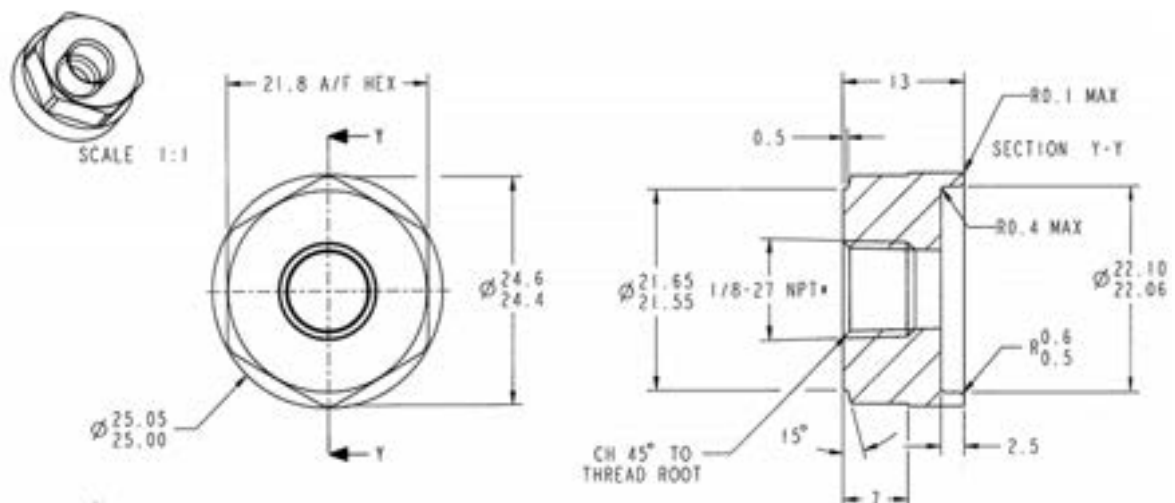
227-270 VCR Vacuseal Adapter D25      A-A3-1886\$2

## RQ—NW16 Flange



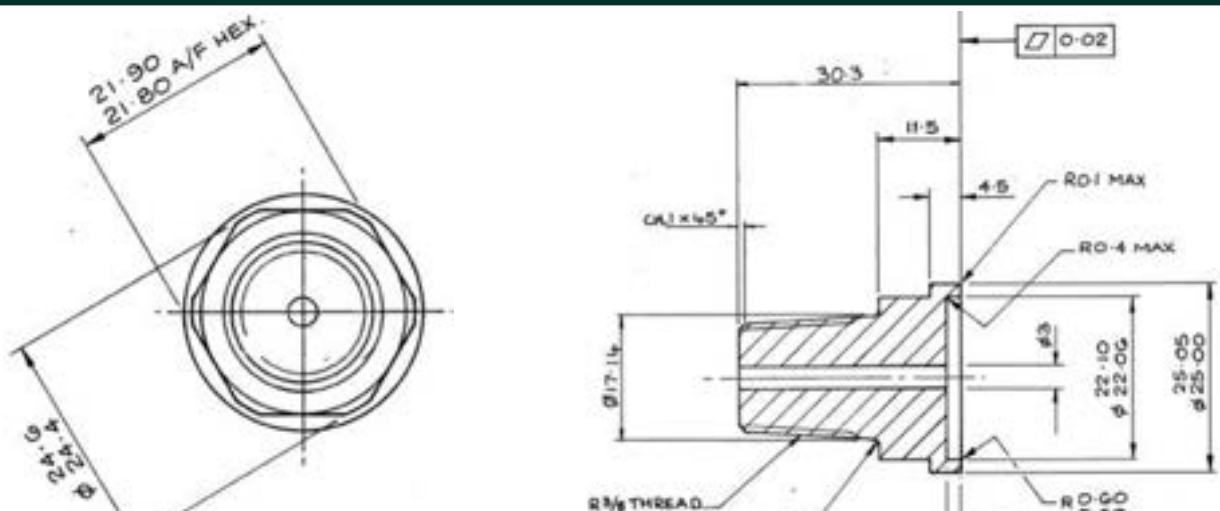
226-674-01 NW16 Flange A-A3-9148\$01

## RT—1/8 NPT Female



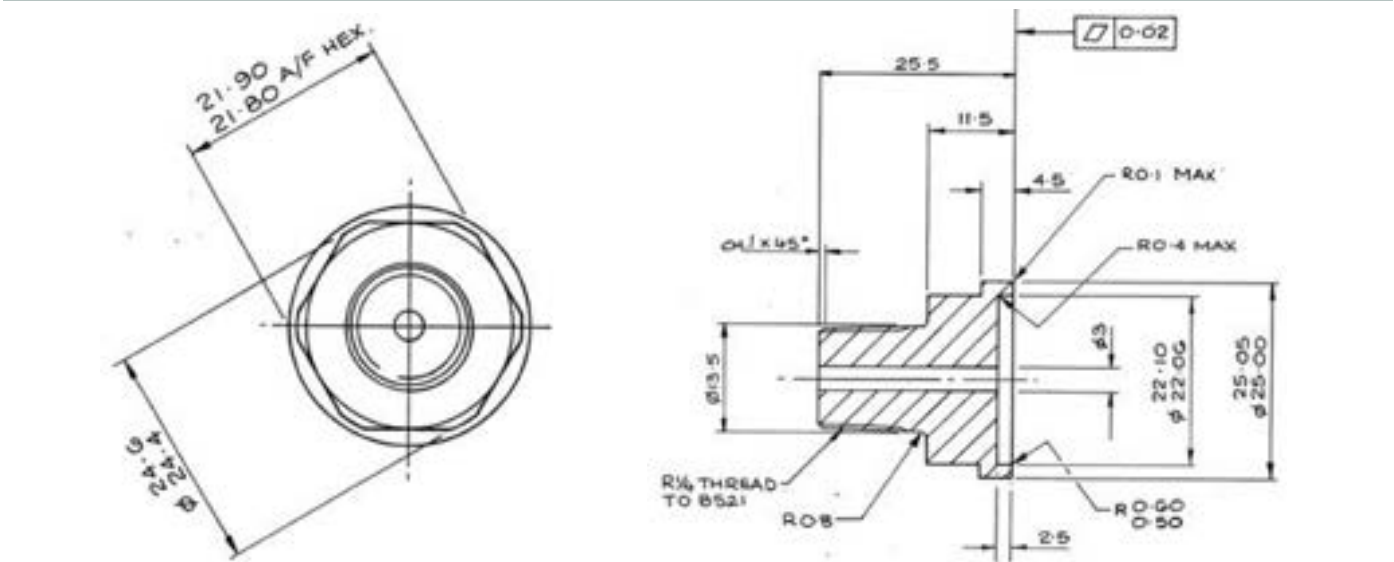
227-648-01 Conn 1/8NPT Female D25 A-A4-5071\$01B

## RU—R38 Male (PT/8)



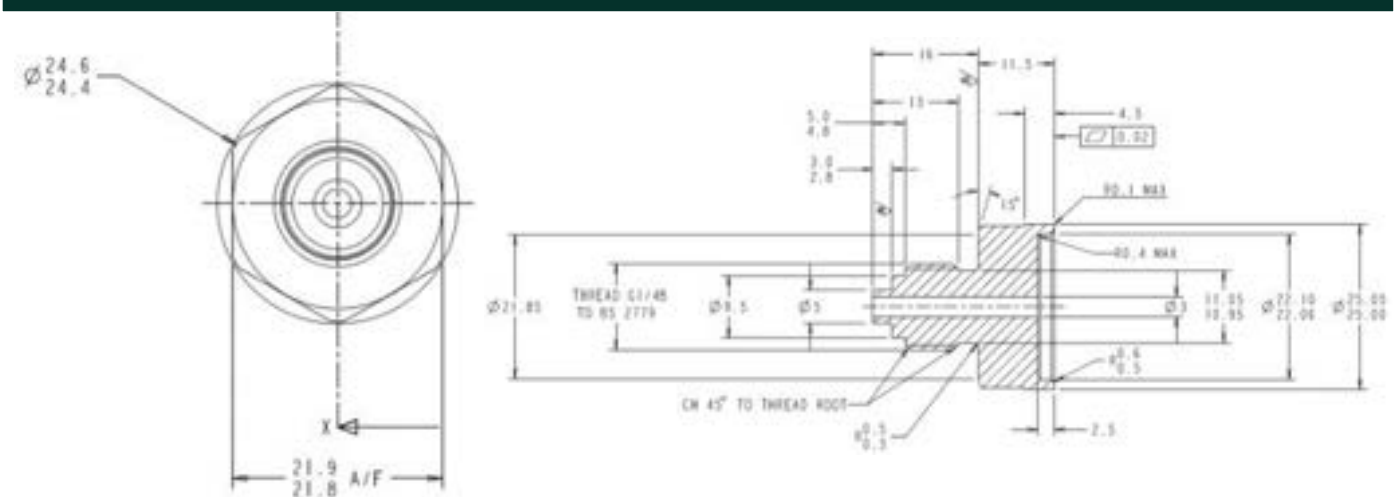
227-387-01 R38 Male (PT3/8) A-A3-3271\$01

## RV—R1/4 Male (pt1/4)



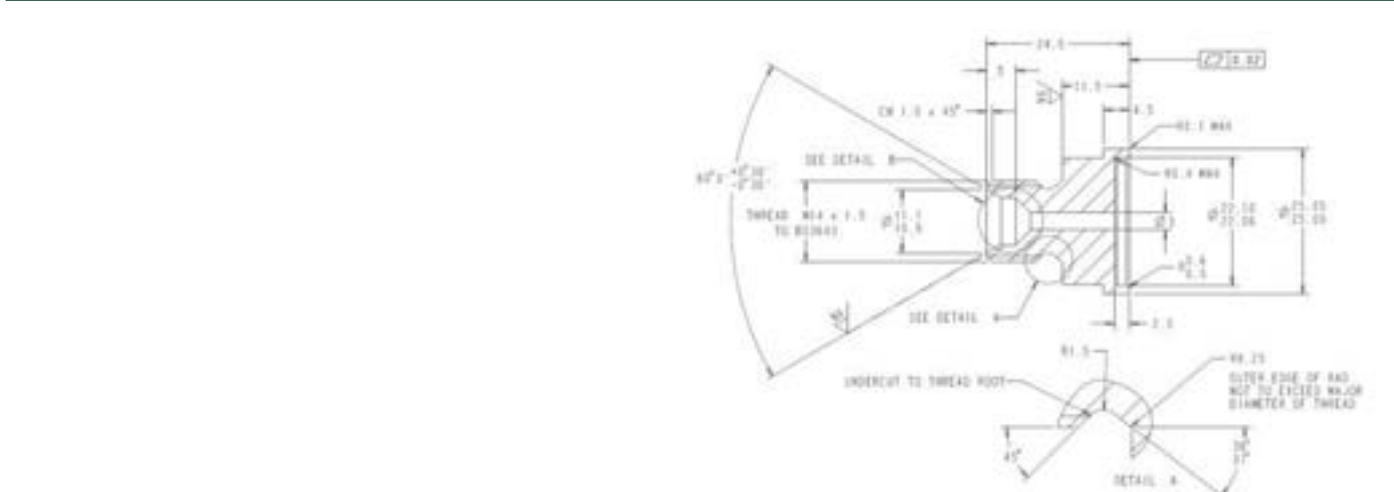
227-388-01 R1/4 Male (PT1/4) A-A3-3272\$01

## RW—G1/4 Male with Nipple



226-707-01 G1/4 Male With Nipple A-A3-9257\$01

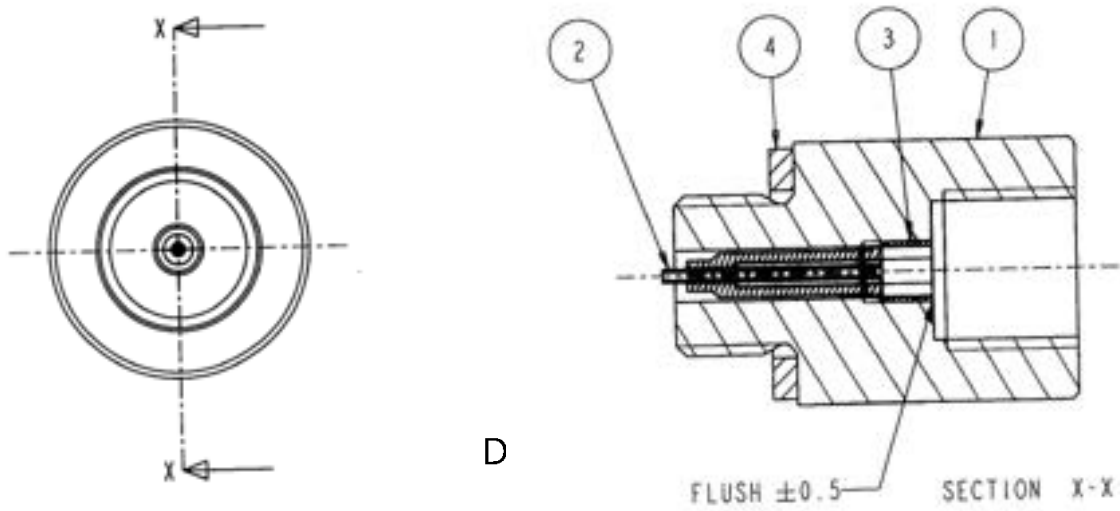
**PJ- M20 x 1.5 Male 60° Int Cone**



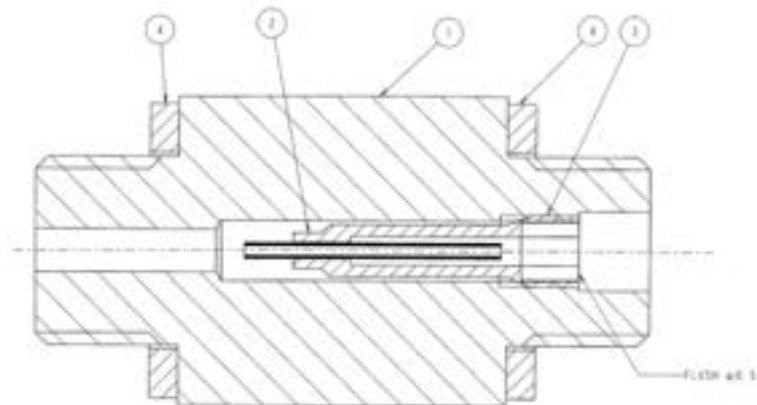
227-234-03 M20x1.5 Male 60° Int Cone A-A3-1773\$03C

# Screw in Snubbers

## G1/4 Male to Female



## G1/4 Male to Male



DA4210-1-02

