

## Adapters

|                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |  |  |  |  |  |  |
| <b>82200N</b><br>Pg. 14.4                                                         | <b>82201</b><br>Pg. 14.4                                                          | <b>82301</b><br>Pg. 14.4                                                          | <b>82205N</b><br>Pg. 14.4                                                         | <b>82241N</b><br>Pg. 14.5                                                         | <b>82242N</b><br>Pg. 14.5                                                          | <b>82280N</b><br>Pg. 14.5                                                           | <b>82300N</b><br>Pg. 14.5                                                           | <b>82320</b><br>Pg. 14.5                                                            |
|  |  |  |  |  |  |  |  |  |
| <b>82400N</b><br>Pg. 14.6                                                         | <b>82510N</b><br>Pg. 14.6                                                         | <b>82520N</b><br>Pg. 14.6                                                         | <b>82600</b><br>Pg. 14.6                                                          | <b>82620N</b><br>Pg. 14.6                                                         | <b>82640N</b><br>Pg. 14.7                                                          | <b>82690</b><br>Pg. 14.7                                                            | <b>81410</b><br>Pg. 14.8                                                            | <b>81420</b><br>Pg. 14.8                                                            |
|  |  |  |  |  |  |  |  |  |
| <b>81430</b><br>Pg. 14.8                                                          | <b>51410</b><br>Pg. 14.9                                                          | <b>51420</b><br>Pg. 14.9                                                          | <b>51430</b><br>Pg. 14.9                                                          | <b>51440</b><br>Pg. 14.9                                                          | <b>62541</b><br>Pg. 14.10                                                          | <b>82700</b><br>Pg. 14.10                                                           | <b>82710</b><br>Pg. 14.10                                                           | <b>82720</b><br>Pg. 14.10                                                           |
|  |  |  |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
| <b>82730</b><br>Pg. 14.11                                                         | <b>82705</b><br>Pg. 14.11                                                         | <b>82715</b><br>Pg. 14.11                                                         |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |

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## Tubes Series

|                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                      |                                                                                       |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |  |  |  |  |
| <b>NYLON INCH</b><br>Pg. 14.13                                                      | <b>NYLON METRIC</b><br>Pg. 14.14                                                    | <b>PU INCH</b><br>Pg. 14.15                                                         | <b>PU METRIC</b><br>Pg. 14.16                                                       | <b>LLDPE INCH</b><br>Pg. 14.17                                                      | <b>LLDPE METRIC</b><br>Pg. 14.18                                                     | <b>1750</b><br>Pg. 14.18                                                              |

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## NICKEL PLATED BRASS ADAPTERS

# Adapters Series





## TECHNICAL CHARACTERISTICS



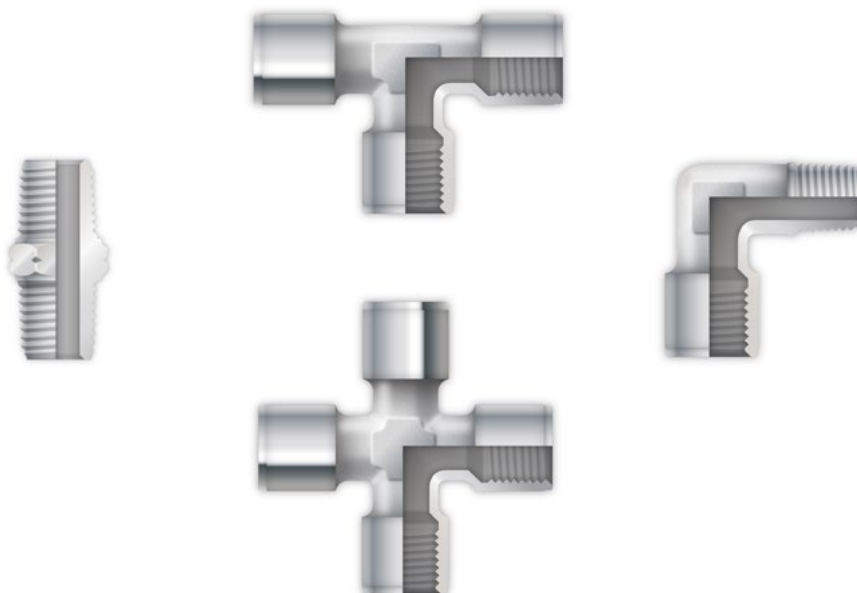
## Standard Reference

1907/2006  
REACH✓

2011/65/CE  
RoHS✓

PED  
2014/68/UE

ISO  
14743:2020

SILICON  
FREE


## Maximum temperature

572 °F  
300 °C


## Component Parts and Materials

These fittings are made in **OT UNI EN 12164/5 CW 614/7N** and undergo a nickel-plating process. All other materials will be specified in catalog.



## Pressure Rating

Vacuum ~ see data chart  
-0.99 bar ~ see data chart  
-0.099 MPa ~ see data chart



| Size | Maximum pressure advised    |
|------|-----------------------------|
| 1/8" | 2175 PSI / 150 bar / 15 MPa |
| 1/4" | 1450 PSI / 100 bar / 10 MPa |
| 3/8" | 1080 PSI / 74 bar / 7.4 MPa |
| 1/2" | 725 PSI / 50 bar / 5 MPa    |



## Connection Tubes

Tubes and general fittings.



## Threads

Tapered gas in conformity with ISO7.1, BS 21, DIN 2999.  
Parallel gas in conformity with ISO 228 Class A.  
Metric in conformity with ISO R/262.  
NPTF in conformity with ANSI B1.20.5

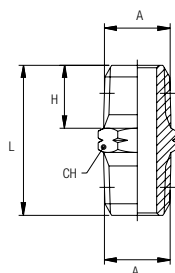


## Media

- Compressed air
- Water
- Oils
- Vacuum
- General fluids for pneumatic, hydraulic and oildynamic facilities.

## 82200N

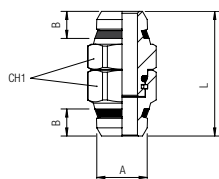
HEX NIPPLE



| Code              | Usa Ref   | A NPTF | H          | L           | CH        | Pack |
|-------------------|-----------|--------|------------|-------------|-----------|------|
| 82200 00 01 02 NB | 82200N-02 | 1/8    | .335 (8,5) | .846 (21,5) | .472 (12) | 10   |
| 82200 00 01 03 NB | 82200N-04 | 1/4    | .512 (13)  | 1.220 (31)  | .551 (14) | 10   |
| 82200 00 01 04 NB | 82200N-06 | 3/8    | .512 (13)  | 1.220 (31)  | .748 (19) | 10   |
| 82200 00 01 05 NB | 82200N-08 | 1/2    | .669 (17)  | 1.575 (40)  | .866 (22) | 10   |

## 82201

Nipple - Male x Male

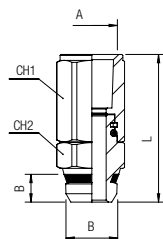


| Code         | Usa Ref     | A   | A1  | B           | C          | L            | CH1       | CH2       | Pack |
|--------------|-------------|-----|-----|-------------|------------|--------------|-----------|-----------|------|
| 82201 00 003 | 82201-02-04 | 1/8 | 1/4 | .280 (7)    | .330 (8,5) | 1.170 (29,7) | .550 (14) | .630 (16) | 10   |
| 82201 00 001 | 82201-04-04 | 1/4 | 1/4 | .330 (8,5)  | .330 (8,5) | 1.260 (32)   | .630 (16) | .630 (16) | 10   |
| 82201 00 004 | 82201-04-06 | 1/4 | 3/8 | .330 (8,5)  | .350 (9)   | 1.310 (33,2) | .630 (16) | .780 (20) | 10   |
| 82201 00 005 | 82201-06-06 | 3/8 | 3/8 | .350 (9)    | .350 (9)   | 1.310 (33,2) | .780 (20) | .780 (20) | 10   |
| 82201 00 002 | 82201-04-08 | 1/4 | 1/2 | .330 (8,5)  | .350 (9)   | 1.300 (33,1) | .630 (16) | .820 (21) | 10   |
| 82201 00 006 | 82201-08-08 | 1/2 | 1/2 | .410 (10,5) | .350 (9)   | 1.320 (33,6) | .820 (21) | .820 (21) | 10   |

|             | min                        | max                     |
|-------------|----------------------------|-------------------------|
| Temperature | - 4 °F                     | + 176 °F                |
| Pressure    | - 14.35 psi<br>(-0.99 bar) | + 217.5 psi<br>(15 bar) |

## 82301

NIPPLE - MALE X FEMALE

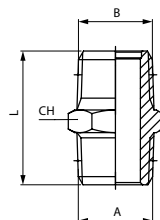


| Code         | Usa Ref      | A   | A1 NPTF | B           | L             | CH1       | CH2        | Pack |
|--------------|--------------|-----|---------|-------------|---------------|-----------|------------|------|
| 82301 00 004 | 82301N-02-04 | 1/8 | 1/4     | .276 (7)    | 1.366 (36,7)  | .551 (14) | .630 (16)  | 10   |
| 82301 00 005 | 82301N-02-06 | 1/8 | 3/8     | .276 (7)    | 1.526 (38,75) | .630 (16) | .787 (20)  | 10   |
| 82301 00 006 | 82301N-02-08 | 1/8 | 1/2     | .276 (7)    | 1.684 (42,75) | .630 (16) | .945 (24)  | 10   |
| 82301 00 007 | 82301N-04-02 | 1/4 | 1/8     | .335 (8,5)  | 1.388 (35,25) | .630 (16) | .630 (16)  | 10   |
| 82301 00 001 | 82301N-04-04 | 1/4 | 1/4     | .335 (8,5)  | 1.544 (39,2)  | .630 (16) | .630 (16)  | 10   |
| 82301 00 002 | 82301N-04-06 | 1/4 | 3/8     | .335 (8,5)  | 1.424 (38,7)  | .630 (16) | .787 (20)  | 10   |
| 82301 00 009 | 82301N-04-08 | 1/4 | 1/2     | .335 (8,5)  | 1.684 (42,75) | .630 (16) | .945 (24)  | 10   |
| 82301 00 003 | 82301N-06-06 | 3/8 | 3/8     | .354 (9)    | 1.446 (36,7)  | .787 (20) | .787 (20)  | 10   |
| 82301 00 008 | 82301N-06-08 | 3/8 | 1/2     | .354 (9)    | 1.605 (40,75) | .787 (20) | .945 (24)  | 10   |
| 82301 00 010 | 82301N-06-12 | 3/8 | 3/4     | .354 (9)    | 1.525 (41,25) | .787 (20) | 1.260 (32) | 10   |
| 82301 00 011 | 82301N-08-08 | 1/2 | 1/2     | .413 (10,5) | 1.703 (43,25) | .827 (21) | .945 (24)  | 10   |
| 82301 00 012 | 82301N-08-12 | 1/2 | 3/4     | .413 (10,5) | 1.723 (43,75) | .827 (21) | 1.260 (32) | 10   |

|             | min                        | max                     |
|-------------|----------------------------|-------------------------|
| Temperature | - 4 °F                     | + 176 °F                |
| Pressure    | - 14.35 psi<br>(-0.99 bar) | + 217.5 psi<br>(15 bar) |

## 82205N

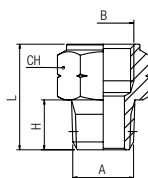
NIPPLE



| Code              | Usa Ref      | A BSPT | B NPTF | L            | CH         | Pack |
|-------------------|--------------|--------|--------|--------------|------------|------|
| 82205 00 01 2W NB | 82205N-02-02 | 1/8    | 1/8    | .807 (20,5)  | .472 (12)  | 10   |
| 82205 00 01 6W NB | 82205N-04-04 | 1/4    | 1/4    | 1.142 (29)   | .551 (14)  | 10   |
| 82205 00 01 AB NB | 82205N-06-06 | 3/8    | 3/8    | 1.161 (29,5) | .708 (18)  | 10   |
| 82205 00 01 AG NB | 82205N-08-08 | 1/2    | 1/2    | 1.437 (36,5) | .866 (22)  | 10   |
| 82205 00 01 AN NB | 82205N-12-12 | 3/4    | 3/4    | 1.594 (40,5) | 1.063 (27) | 10   |

## 82241N

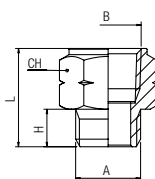
ADAPTER FEMALE - MALE NPTF



| Code              | Usa Ref      | A         | B BSP | H          | L            | CH         | Pack |
|-------------------|--------------|-----------|-------|------------|--------------|------------|------|
| 82241 00 01 8K NB | 82241N-32-M5 | 10/32 UNF | M5    | .177 (4,5) | .472 (12)    | .315 (8)   | 10   |
| 82241 00 01 2W NB | 82241N-02-02 | 1/8       | 1/8   | .335 (8,5) | .768 (19,5)  | .551 (14)  | 10   |
| 82241 00 01 6W NB | 82241N-04-04 | 1/4       | 1/4   | .512 (13)  | 1.063 (27)   | .669 (17)  | 10   |
| 82241 00 01 AB NB | 82241N-06-06 | 3/8       | 3/8   | .512 (13)  | 1.102 (28)   | .866 (22)  | 10   |
| 82241 00 01 AG NB | 82241N-08-08 | 1/2       | 1/2   | .669 (17)  | 1.359 (34,5) | 1.063 (27) | 10   |

## 82242N

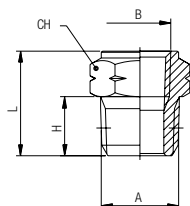
ADAPTER - FEMALE NPTF - MALE G THREAD



| Code              | Usa Ref   | A BSP | B NPTF | H         | L            | CH         | Pack |
|-------------------|-----------|-------|--------|-----------|--------------|------------|------|
| 82242 00 01 2W NB | 82242N-02 | 1/8   | 1/8    | .236 (6)  | .669 (17)    | .551 (14)  | 10   |
| 82242 00 01 6W NB | 82242N-04 | 1/4   | 1/4    | .315 (8)  | .906 (23)    | .669 (17)  | 10   |
| 82242 00 01 AB NB | 82242N-06 | 3/8   | 3/8    | .354 (9)  | .945 (24)    | .866 (22)  | 10   |
| 82242 00 01 AG NB | 82242N-08 | 1/2   | 1/2    | .472 (12) | 1.240 (31,5) | 1.063 (27) | 10   |

## 82280N

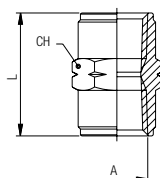
REDUCER FEMALE - MALE NPTF



| Code              | Usa Ref      | A NPTF | B         | H          | L           | CH        | Pack |
|-------------------|--------------|--------|-----------|------------|-------------|-----------|------|
| 82280 00 01 0K NB | 82280N-02-32 | 1/8    | 10/32 UNF | .335 (8,5) | .571 (14,5) | .472 (12) | 10   |
| 82280 00 01 5W NB | 82280N-04-02 | 1/4    | 1/8 NPTF  | .512 (13)  | .748 (19)   | .551 (14) | 10   |
| 82280 00 01 9W NB | 82280N-06-02 | 3/8    | 1/8 NPTF  | .512 (13)  | .768 (19,5) | .748 (19) | 10   |
| 82280 00 01 AA NB | 82280N-06-04 | 3/8    | 1/4 NPTF  | .512 (13)  | .906 (23)   | .748 (19) | 10   |
| 82280 00 01 AE NB | 82280N-08-04 | 1/2    | 1/4 NPTF  | .669 (17)  | .965 (24,5) | .866 (22) | 10   |
| 82280 00 01 AF NB | 82280N-08-06 | 1/2    | 3/8 NPTF  | .669 (17)  | .965 (24,5) | .866 (22) | 10   |

## 82300N

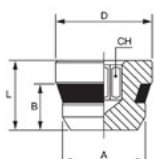
COUPLING FEMALE NPTF



| Code              | Usa Ref   | A NPTF | L          | CH         | Pack |
|-------------------|-----------|--------|------------|------------|------|
| 82300 00 01 02 NB | 82300N-02 | 1/8    | .748 (19)  | .551 (14)  | 10   |
| 82300 00 01 03 NB | 82300N-04 | 1/4    | 1.063 (27) | .669 (17)  | 10   |
| 82300 00 01 04 NB | 82300N-06 | 3/8    | 1.063 (27) | .866 (22)  | 10   |
| 82300 00 01 05 NB | 82300N-08 | 1/2    | 1.378 (35) | 1.063 (27) | 10   |

## 82320

COUPLING FEMALE



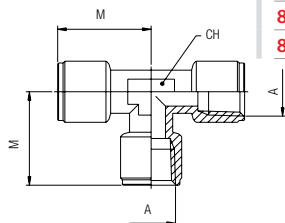
| Code         | Usa Ref  | A   | B          | D         | L         | CH        | Pack |
|--------------|----------|-----|------------|-----------|-----------|-----------|------|
| 82320 00 002 | 82320-02 | 1/8 | .217 (5,5) | .394 (10) | .315 (8)  | .197 (5)  | 10   |
| 82320 00 003 | 82320-04 | 1/4 | .275 (7)   | .551 (14) | .394 (10) | .236 (6)  | 10   |
| 82320 00 004 | 82320-06 | 3/8 | .295 (7,5) | .669 (17) | .433 (11) | .315 (8)  | 10   |
| 82320 00 005 | 82320-08 | 1/2 | .354 (9)   | .827 (21) | .512 (13) | .394 (10) | 10   |



## 82400N

TEE FEMALE NPTF

**NPTF**

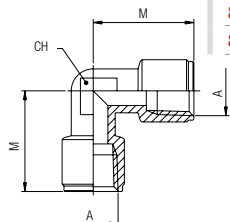


| Code              | Usa Ref   | A NPTF | M            | CH        | Pack |
|-------------------|-----------|--------|--------------|-----------|------|
| 82400 00 01 02 NB | 82400N-02 | 1/8    | .669 (19,5)  | .472 (12) | 10   |
| 82400 00 01 03 NB | 82400N-04 | 1/4    | .906 (26)    | .512 (13) | 10   |
| 82400 00 01 04 NB | 82400N-06 | 3/8    | .945 (28,5)  | .630 (16) | 10   |
| 82400 00 01 05 NB | 82400N-08 | 1/2    | 1.240 (33,5) | .787 (20) | 10   |

## 82510N

Elbow - Female NPTF

**NPTF**

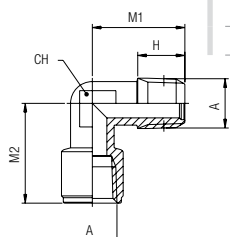


| Code              | Usa Ref   | A NPTF | M            | CH        | Pack |
|-------------------|-----------|--------|--------------|-----------|------|
| 82510 00 01 02 NB | 82510N-02 | 1/8    | .846 (21,5)  | .433 (11) | 10   |
| 82510 00 01 03 NB | 82510N-04 | 1/4    | 1.083 (27,5) | .512 (13) | 10   |
| 82510 00 01 04 NB | 82510N-06 | 3/8    | 1.161 (29,5) | .669 (17) | 10   |
| 82510 00 01 05 NB | 82510N-08 | 1/2    | 1.339 (34)   | .787 (20) | 10   |

## 82520N

Elbow - Female - Male NPTF

**NPTF**

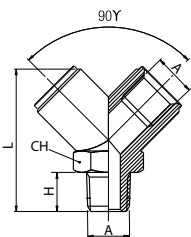


| Code              | Usa Ref   | A NPTF | H          | M1           | M2           | CH        | Pack |
|-------------------|-----------|--------|------------|--------------|--------------|-----------|------|
| 82520 00 01 02 NB | 82520N-02 | 1/8    | .335 (8,5) | .827 (21)    | .748 (19)    | .433 (11) | 10   |
| 82520 00 01 03 NB | 82520N-04 | 1/4    | .512 (13)  | 1.083 (27,5) | 1.004 (25,5) | .512 (13) | 10   |
| 82520 00 01 04 NB | 82520N-06 | 3/8    | .512 (13)  | 1.161 (29,5) | 1.083 (27,5) | .669 (17) | 10   |
| 82520 00 01 05 NB | 82520N-08 | 1/2    | .669 (17)  | 1.339 (34)   | 1.260 (32)   | .787 (20) | 10   |

## 82600

CENTRAL MALE Y 90°

**NPTF**

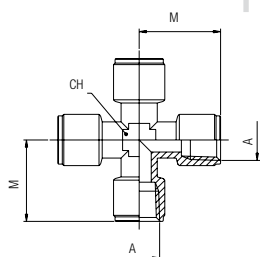


| Code             | Usa Ref          | A NPTF | H         | L            | CH         | Pack |
|------------------|------------------|--------|-----------|--------------|------------|------|
| 82600 000 105 NB | 82600 000 105 NB | 1/2    | .669 (17) | 2.291 (58,2) | 1.024 (26) | 10   |

## 82620N

Cross - Female NPTF

**NPTF**

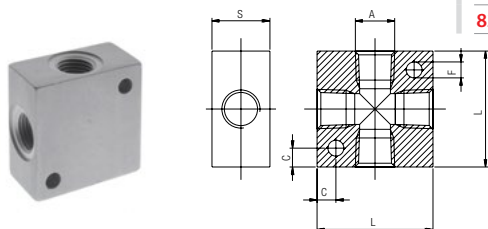


| Code              | Usa Ref   | A NPTF | M          | CH        | Pack |
|-------------------|-----------|--------|------------|-----------|------|
| 82620 00 01 02 NB | 82620N-02 | 1/8    | .787 (20)  | .433 (11) | 10   |
| 82620 00 01 03 NB | 82620N-04 | 1/4    | 1.063 (27) | .512 (13) | 10   |
| 82620 00 01 04 NB | 82620N-06 | 3/8    | 1.142 (29) | .669 (17) | 10   |

# 82640

Aluminum Distribution Block - Female

NPTF



| Code              | Usa Ref  | A NPTF | L          | S          | F          | C          | Pack |
|-------------------|----------|--------|------------|------------|------------|------------|------|
| 82640 00 11 02 AG | 82640-02 | 1/8    | .984 (25)  | .630 (16)  | .177 (4,5) | .169 (4,5) | 10   |
| 82640 00 11 03 AG | 82640-04 | 1/4    | 1.575 (40) | .787 (20)  | .217 (5,5) | .256 (6,5) | 10   |
| 82640 00 11 04 AG | 82640-06 | 3/8    | 1.969 (50) | .984 (25)  | .217 (5,5) | .295 (7,5) | 10   |
| 82640 00 11 05 AG | 82640-08 | 1/2    | 1.969 (50) | 1.181 (30) | .217 (5,5) | .295 (7,5) | 10   |

## NPTF / BSP BANJO STEM ASSEMBLIES

Examples of various banjo stems with single and double banjo bodies

### BANJO STEM

Part No.

81410

81420

81430



### NYLON WASHER



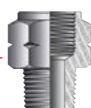
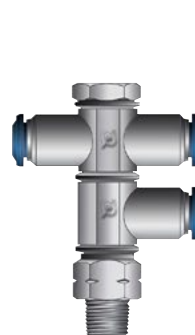
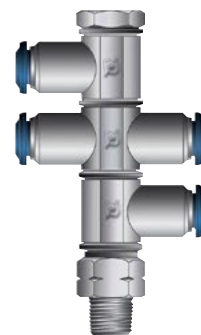
### BANJO BODY INCH OR METRIC



### NYLON WASHER



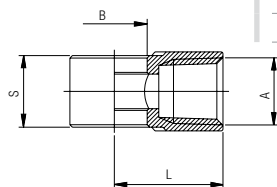
### ADAPTER


Single  
banjo stem

Double  
banjo stem

Triple  
banjo stem

With nylon banjo body remove the washer.

# 82690

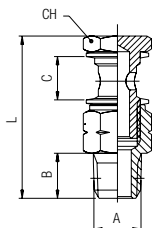
SINGLE BANJO BODY FEMALE



| Code              | Usa Ref  | A     | B           | L            | S           | CH        | Pack |
|-------------------|----------|-------|-------------|--------------|-------------|-----------|------|
| 82690 00 01 26 NB | 82690-32 | 10/32 | .240 (6.1)  | .570 (14.5)  | .484 (12.3) | N/A       | 10   |
| 82690 00 01 02 NB | 82690-02 | 1/8   | .394 (10)   | .649 (16.5)  | .590 (15)   | .551 (14) | 10   |
| 82690 00 01 03 NB | 82690-04 | 1/4   | .531 (13.5) | .866 (22)    | .669 (17)   | .708 (18) | 10   |
| 82690 00 01 04 NB | 82690-06 | 3/8   | .688 (17.5) | 1.043 (26.5) | .787 (20)   | .827 (21) | 10   |

# 81410

SINGLE BANJO STEM



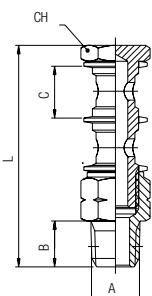
**NPTF**

**UNF**

| Code                | Usa Ref  | A                | B          | C           | L            | CH        | Pack |
|---------------------|----------|------------------|------------|-------------|--------------|-----------|------|
| <b>81410 00 011</b> | 81410-32 | <b>10/32 UNF</b> | .177 (4,5) | .492 (15,5) | 1.200 (30,5) | .315 (8)  | 10   |
| <b>81410 00 012</b> | 81410-02 | <b>1/8</b>       | .334 (8,5) | .591 (15)   | 1.653 (42)   | .551 (14) | 10   |
| <b>81410 00 013</b> | 81410-04 | <b>1/4</b>       | .511 (13)  | .669 (17)   | 2.047 (52)   | .669 (17) | 10   |
| <b>81410 00 014</b> | 81410-06 | <b>3/8</b>       | .511 (13)  | .787 (20)   | 2.106 (53,5) | .748 (19) | 10   |

# 81420

DOUBLE BANJO STEM

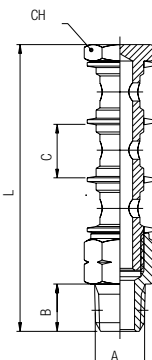


**NPTF**

| Code                | Usa Ref  | A NPTF     | B          | C         | L          | CH        | Pack |
|---------------------|----------|------------|------------|-----------|------------|-----------|------|
| <b>81420 00 012</b> | 81420-02 | <b>1/8</b> | .334 (8,5) | .591 (15) | 2.283 (58) | .551 (14) | 10   |
| <b>81420 00 013</b> | 81420-04 | <b>1/4</b> | .511 (13)  | .669 (17) | 2.755 (70) | .669 (17) | 10   |
| <b>81420 00 014</b> | 81420-06 | <b>3/8</b> | .511 (13)  | .787 (20) | 3.031 (77) | .748 (19) | 10   |

# 81430

TRIPLE BANJO STEM



**NPTF**

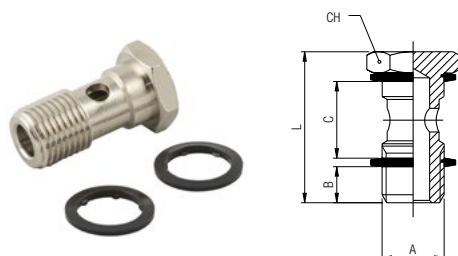
| Code                | Usa Ref  | A NPTF     | B          | C         | L          | CH        | Pack |
|---------------------|----------|------------|------------|-----------|------------|-----------|------|
| <b>81430 00 012</b> | 81430-02 | <b>1/8</b> | .334 (8,5) | .591 (15) | 2.913 (74) | .551 (14) | 10   |
| <b>81430 00 013</b> | 81430-04 | <b>1/4</b> | .511 (13)  | .669 (17) | 3.464 (88) | .669 (17) | 10   |
| <b>81430 00 014</b> | 81430-06 | <b>3/8</b> | .511 (13)  | .787 (20) | 3.897 (99) | .748 (19) | 10   |



## 51410

### BANJO SCREW SINGLE

BSP



| Code         | Usa Ref       | A BSP    | B         | C          | L          | CH        | Pack. |
|--------------|---------------|----------|-----------|------------|------------|-----------|-------|
| 51410 00 011 | 51410-M5      | M5       | .157 (4)  | .02 (12.5) | .866 (22)  | .315 (8)  | 10    |
| 51410 00 012 | 51410-M6      | M6       | .197 (5)  | .02 (12.5) | .906 (23)  | .315 (8)  | 10    |
| 51410 00 013 | 51410-1/8     | 1/8      | .236 (6)  | .591 (15)  | 1.102 (28) | .551 (14) | 10    |
| 51410 00 014 | 51410-1/4     | 1/4      | .315 (8)  | .669 (17)  | 1.26 (32)  | .669 (17) | 10    |
| 51410 00 015 | 51410-3/8     | 3/8      | .354 (9)  | .787 (20)  | 1.417 (36) | .748 (19) | 10    |
| 51410 00 016 | 51410-1/2     | 1/2      | .394 (10) | .945 (24)  | 1.654 (42) | .945 (24) | 10    |
| 51410 00 017 | 51410-M12X1,5 | *M12x1.5 | .315 (8)  | .669 (17)  | 1.26 (32)  | .669 (17) | 10    |

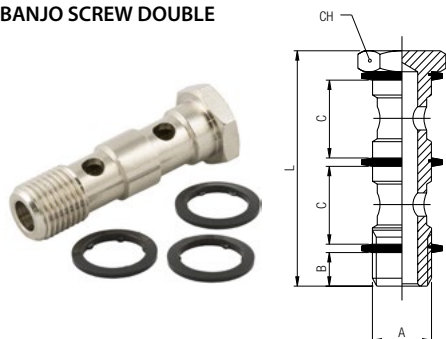
This item will be supplied with the PA66 washers (ART. 1610).

\* With this banjo SCREW using 1/4 orienting banjo body.

## 51420

### BANJO SCREW DOUBLE

BSP



| Code         | Usa Ref       | A BSP    | B         | C         | L           | CH        | Pack. |
|--------------|---------------|----------|-----------|-----------|-------------|-----------|-------|
| 51420 00 011 | 51420-1/8     | 1/8      | .236 (6)  | .591 (15) | .072 (44,5) | .551 (14) | 10    |
| 51420 00 012 | 51420-1/4     | 1/4      | .315 (8)  | .669 (17) | .082 (50,5) | .669 (17) | 10    |
| 51420 00 013 | 51420-3/8     | 3/8      | .354 (9)  | .787 (20) | 2.283 (58)  | .748 (19) | 10    |
| 51420 00 014 | 51420-1/2     | 1/2      | .394 (10) | .945 (24) | 2.677 (68)  | .945 (24) | 10    |
| 51420 00 015 | 51420-M12X1,5 | *M12x1.5 | .315 (8)  | .669 (17) | .082 (50,5) | .669 (17) | 10    |

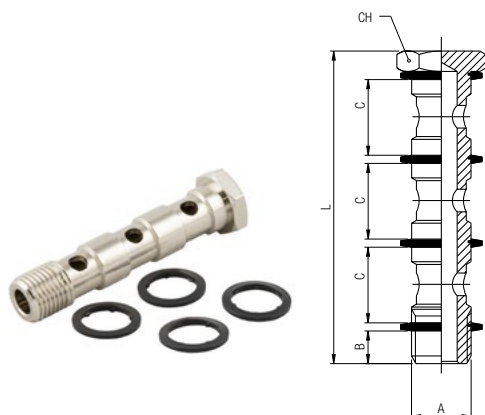
This item will be supplied with the PA66 washers (ART. 1610).

\* With this banjo SCREW using 1/4 orienting banjo body.

## 51430

### BANJO SCREW TRIPLE

BSP



| Code         | Usa Ref   | A BSP | B         | C         | L          | CH        | Pack. |
|--------------|-----------|-------|-----------|-----------|------------|-----------|-------|
| 51430 00 011 | 51430-1/8 | 1/8   | .236 (6)  | .591 (15) | 2.402 (61) | .551 (14) | 10    |
| 51430 00 012 | 51430-1/4 | 1/4   | .315 (8)  | .669 (17) | 2.717 (69) | .669 (17) | 10    |
| 51430 00 013 | 51430-3/8 | 3/8   | .354 (9)  | .787 (20) | 3.15 (80)  | .748 (19) | 10    |
| 51430 00 014 | 51430-1/2 | 1/2   | .394 (10) | .945 (24) | 3.701 (94) | .945 (24) | 10    |

This item will be supplied with the PA66 washers (ART. 1610).

## 51440

### MALE - FEMALE BANJO SCREW SINGLE

BSP



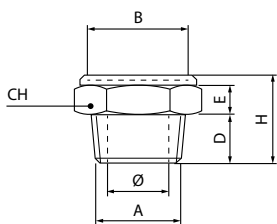
| Code         | Usa Ref   | A   | A1  | B        | C         | D          | L            | CH        | Pack. |
|--------------|-----------|-----|-----|----------|-----------|------------|--------------|-----------|-------|
| 51440 00 001 | 51440-1/8 | 1/8 | 1/8 | .236 (6) | .591 (15) | .335 (8.5) | 1.358 (34.5) | .551 (14) | 10    |
| 51440 00 002 | 51440-1/4 | 1/4 | 1/4 | .315 (8) | .669 (17) | .433 (11)  | 1.594 (40.5) | .669 (17) | 10    |
| 51440 00 003 | 51440-3/8 | 3/8 | 3/8 | .354 (9) | .787 (20) | .472 (12)  | 1.752 (45.5) | .748 (19) | 10    |

This item will be supplied with the PA66 washers (ART. 1610).

## 62541

SILENCER WITH MICRO GRID OF STAINLESS STEEL

NPT



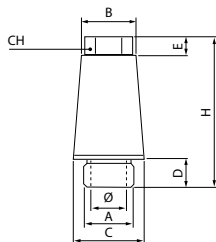
| Code         | Usa Ref  | A (NPT) | Ø          | B           | D         | E         | H          | CH         | Pack. |
|--------------|----------|---------|------------|-------------|-----------|-----------|------------|------------|-------|
| 62541 00 001 | 62541-02 | 1/8     | .236 (6)   | .354 (9)    | .276 (7)  | .157 (4)  | .551 (14)  | .551 (14)  | 10    |
| 62541 00 002 | 62541-04 | 1/4     | .315 (8)   | .511 (13)   | .433 (11) | .157 (4)  | .709 (18)  | .669 (17)  | 10    |
| 62541 00 003 | 62541-06 | 3/8     | .472 (12)  | .709 (18)   | .433 (11) | .197 (5)  | .709 (18)  | .866 (22)  | 10    |
| 62541 00 004 | 62541-08 | 1/2     | .591 (15)  | .886 (22.5) | .591 (15) | .276 (7)  | .984 (25)  | 1.063 (27) | 10    |
| 62541 00 005 | 62541-12 | 3/4     | .787 (20)  | 1.102 (28)  | .630 (16) | .354 (9)  | 1.063 (27) | 1.260 (32) | 10    |
| 62541 00 006 | 62541-16 | 1       | 1.024 (26) | 1.339 (34)  | .748 (19) | .433 (11) | 1.260 (32) | 1.614 (41) | 10    |

|                      | min     | max      |
|----------------------|---------|----------|
| Temperature          | - 58 °F | + 752 °F |
| Pressure             |         | 10 bar   |
| Filtration threshold |         | 70 µm    |

## 82700

HEXAGONAL HEAD SILENCER

NPT



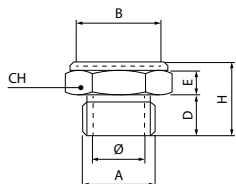
| Code         | Usa Ref  | A (NPT) | Ø           | B           | C           | D          | E          | H           | CH        | Pack. |
|--------------|----------|---------|-------------|-------------|-------------|------------|------------|-------------|-----------|-------|
| 82700 00 001 | 82700-02 | 1/8     | .276 (7)    | .386 (9.8)  | .453 (11.5) | .177 (4.5) | .157 (4)   | .886 (22.5) | .315 (8)  | 10    |
| 82700 00 002 | 82700-04 | 1/4     | .374 (9.5)  | .492 (12.5) | .591 (15)   | .236 (6)   | .157 (4)   | 1.102 (28)  | .394 (10) | 10    |
| 82700 00 003 | 82700-06 | 3/8     | .492 (12.5) | .630 (16)   | .748 (19)   | .354 (9)   | .197 (5)   | 1.496 (38)  | .511 (13) | 10    |
| 82700 00 004 | 82700-08 | 1/2     | .610 (15.5) | .768 (19.5) | .906 (23)   | .433 (11)  | .256 (6.5) | 1.811 (46)  | .591 (15) | 10    |

|                      | min    | max      |
|----------------------|--------|----------|
| Temperature          | - 4 °F | + 302 °F |
| Pressure             |        | 10 bar   |
| Filtration threshold |        | 50 µm    |

## 82710

SILENCER WITH RIVETED SINTERED SPHERICAL BRONZE TABLET

NPT



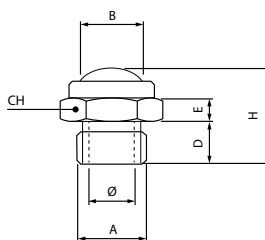
| Code         | Usa Ref  | A (NPT) | Ø           | B          | D           | E        | H         | CH         | Pack. |
|--------------|----------|---------|-------------|------------|-------------|----------|-----------|------------|-------|
| 82710 00 001 | 82710-02 | 1/8     | .236 (6)    | .354 (9)   | .291 (7.4)  | .157 (4) | .472 (12) | .511 (13)  | 10    |
| 82710 00 002 | 82710-04 | 1/4     | .335 (8.5)  | .433 (11)  | .429 (10.9) | .197 (5) | .630 (16) | .630 (16)  | 10    |
| 82710 00 003 | 82710-06 | 3/8     | .453 (11.5) | .551 (14)  | .429 (10.9) | .197 (5) | .669 (17) | .748 (19)  | 10    |
| 82710 00 004 | 82710-08 | 1/2     | .591 (15)   | .748 (19)  | .535 (13.6) | .236 (6) | .709 (18) | .945 (24)  | 10    |
| 82710 00 005 | 82710-12 | 3/4     | .787 (20)   | .984 (25)  | .535 (13.6) | .236 (6) | .748 (19) | 1.181 (30) | 10    |
| 82710 00 006 | 82710-16 | 1       | 1.024 (26)  | 1.220 (31) | .614 (15.6) | .236 (6) | .787 (20) | 1.417 (36) | 10    |

|                      | min    | max      |
|----------------------|--------|----------|
| Temperature          | - 4 °F | + 302 °F |
| Pressure             |        | 10 bar   |
| Filtration threshold |        | 120 µm   |

## 82720

SILENCER-DOME WIRE AISI 304

NPT



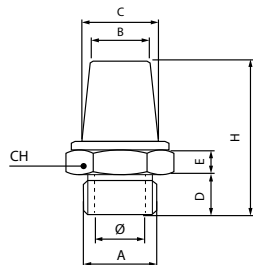
| Code         | Usa Ref  | A (NPT) | Ø           | B           | D         | E        | H          | CH         | Pack. |
|--------------|----------|---------|-------------|-------------|-----------|----------|------------|------------|-------|
| 82720 00 001 | 82720-02 | 1/8     | .236 (6)    | .374 (9.5)  | .236 (6)  | .157 (4) | .591 (15)  | .511 (13)  | 10    |
| 82720 00 002 | 82720-04 | 1/4     | .335 (8.5)  | .433 (11)   | .315 (8)  | .197 (5) | .709 (18)  | .630 (16)  | 10    |
| 82720 00 003 | 82720-06 | 3/8     | .453 (11.5) | .571 (14.5) | .315 (8)  | .197 (5) | .787 (20)  | .748 (19)  | 10    |
| 82720 00 004 | 82720-08 | 1/2     | .591 (15)   | .748 (19)   | .394 (10) | .236 (6) | .866 (22)  | .945 (24)  | 10    |
| 82720 00 005 | 82720-12 | 3/4     | .787 (20)   | .945 (24)   | .394 (10) | .236 (6) | 1.024 (26) | 1.181 (30) | 10    |
| 82720 00 006 | 82720-16 | 1       | 1.024 (26)  | 1.220 (31)  | .394 (10) | .236 (6) | 1.102 (28) | 1.417 (36) | 10    |

|                      | min    | max      |
|----------------------|--------|----------|
| Temperature          | - 4 °F | + 302 °F |
| Pressure             |        | 10 bar   |
| Filtration threshold |        | 70 µm    |

## 82730

CONICAL SILENCER

NPT



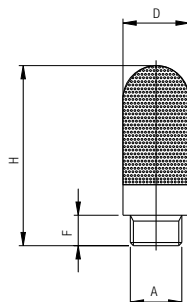
| Code         | Usa Ref  | A (NPT) | Ø           | B            | D            | E        | H          | CH         | Pack. |
|--------------|----------|---------|-------------|--------------|--------------|----------|------------|------------|-------|
| 82730 00 001 | 82730-02 | 1/8     | .236 (6)    | .315 (8)     | .335 (8.5)   | .157 (4) | 1.024 (26) | .511 (13)  | 10    |
| 82730 00 002 | 82730-04 | 1/4     | .335 (8.5)  | .354 (9)     | .413 (10.5)  | .197 (5) | 1.339 (34) | .630 (16)  | 10    |
| 82730 00 003 | 82730-06 | 3/8     | .453 (11.5) | .472 (12)    | .512 (13)    | .197 (5) | 1.614 (41) | .748 (19)  | 10    |
| 82730 00 004 | 82730-08 | 1/2     | .591 (15)   | .630 (16)    | .394 (18)    | .236 (6) | 1.811 (46) | .945 (24)  | 10    |
| 82730 00 005 | 82730-12 | 3/4     | .787 (20)   | .827 (21)    | 1.004 (25.5) | .236 (6) | 2.205 (56) | 1.181 (30) | 10    |
| 82730 00 006 | 82730-16 | 1       | 1.022 (26)  | 1.043 (26.5) | 1.201 (30.5) | .236 (6) | 2.598 (66) | 1.417 (36) | 10    |

|                      | min    | max      |
|----------------------|--------|----------|
| Temperature          | - 4 °F | + 302 °F |
| Pressure             |        | 10 bar   |
| Filtration threshold |        | 50 µm    |

## 82705

POROUS POLYETHYLENE SILENCER

NPT



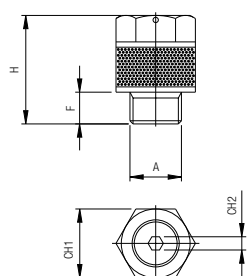
| Code         | Usa Ref  | A   | F           | H            | D            | Pack. |
|--------------|----------|-----|-------------|--------------|--------------|-------|
| 82705 00 001 | 82705-02 | 1/8 | .276 (7)    | 1.319 (33.5) | .512 (13)    | 10    |
| 82705 00 002 | 82705-04 | 1/4 | .315 (8)    | 1.575 (40)   | .669 (17)    | 10    |
| 82705 00 003 | 82705-06 | 3/8 | .433 (11)   | 2.559 (65)   | .984 (25)    | 10    |
| 82705 00 004 | 82705-08 | 1/2 | .433 (11)   | 2.795 (71)   | .984 (25)    | 10    |
| 82705 00 005 | 82705-12 | 3/4 | .610 (15.5) | 5.433 (138)  | 1.457 (37)   | 10    |
| 82705 00 006 | 82705-16 | 1"  | .748 (19)   | 6.181 (157)  | 1.870 (47.5) | 5     |

|                      | min    | max      |
|----------------------|--------|----------|
| Temperature          | - 4 °F | + 176 °F |
| Pressure             |        | 10 bar   |
| Filtration threshold |        | 50 µm    |

## 82715

POROUS POLYETHYLENE RESTRICTOR SILENCER

NPT



| Code         | Usa Ref  | A   | F          | H           | CH1       | CH2        | Pack. |
|--------------|----------|-----|------------|-------------|-----------|------------|-------|
| 82715 00 001 | 82715-02 | 1/8 | .197 (5)   | .807 (20.5) | .512 (13) | .098 (2.5) | 10    |
| 82715 00 002 | 82715-04 | 1/4 | .236 (6)   | 1.142 (29)  | .591 (15) | .157 (4)   | 10    |
| 82715 00 003 | 82715-06 | 3/8 | .276 (7)   | 1.496 (38)  | .787 (20) | .236 (6)   | 10    |
| 82715 00 004 | 82715-08 | 1/2 | .335 (8.5) | 1.969 (50)  | .984 (25) | .315 (8)   | 10    |

|                      | min    | max      |
|----------------------|--------|----------|
| Temperature          | - 4 °F | + 176 °F |
| Pressure             |        | 10 bar   |
| Filtration threshold |        | 50 µm    |

TEST GRAPH 7105 1/8 - 1/4 - 3/8 - 5 BAR PRESSURE

