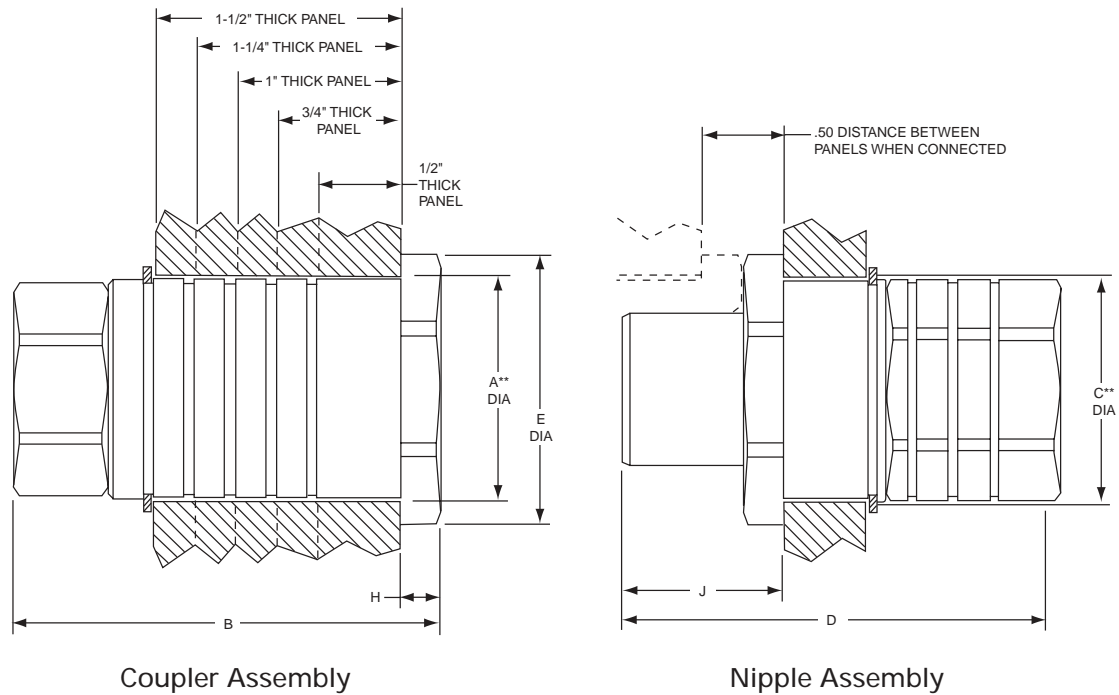


HN-3 SERIES

Panel Mount Couplings 1/8" - 2" Sizes



**Recommended hole size.



美国Snap-Tite快速接头授权
代理商联系方式：

| Unit Size | A Dia +/- .005 | | B +/- .03 | | C Dia +/- .005 | | D +/- .03 | | E Dia | | H | | J | |
|-----------|----------------|-------|-----------|--------|----------------|-------|-----------|--------|-------|--------|-----|------|------|-------|
| | in | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | mm |
| 1/8" | .906 | 23.01 | 2.13 | 54.10 | .906 | 23.01 | 2.36 | 59.94 | 1.03 | 26.16 | .24 | 6.10 | .82 | 20.83 |
| 1/4" | 1.063 | 27.00 | 2.05 | 52.07 | 1.063 | 27.00 | 2.38 | 60.45 | 1.18 | 29.97 | .24 | 6.10 | .88 | 22.35 |
| 3/8" | 1.375 | 34.93 | 2.60 | 66.04 | 1.375 | 34.93 | 2.57 | 65.28 | 1.65 | 41.91 | .24 | 6.10 | .98 | 24.89 |
| 1/2" | 1.750 | 44.45 | 3.09 | 78.49 | 1.750 | 44.45 | 2.88 | 73.15 | 1.98 | 50.29 | .24 | 6.10 | 1.30 | 33.02 |
| 3/4" | 2.015 | 51.18 | 3.34 | 84.84 | 2.015 | 51.18 | 2.96 | 75.18 | 2.34 | 59.43 | .24 | 6.10 | 1.43 | 36.32 |
| 1" | 2.375 | 60.33 | 3.53 | 89.66 | 2.125 | 53.98 | 3.23 | 82.04 | 2.62 | 66.54 | .24 | 6.10 | 1.42 | 36.07 |
| 2" | 3.875 | 98.43 | 6.20 | 157.48 | 3.000 | 76.20 | 5.38 | 136.65 | 4.50 | 114.30 | .24 | 6.10 | 3.37 | 85.60 |

Contact factory for verification of dimensions prior to any machining.

信德迈科技(北京)有限公司 CNMEC Technology Comp
地址：北京朝阳区望京街10号望京SOHO-T1-C座2115
邮编：100102
电话：010-8428 2935, 8428 9077, 8428 3983
手机：139 1096 2635
Http://www.cnmec.biz
E-mail：sales@cnmec.biz
传真：010-8428 8762

HN-3 SERIES

How to Order

Part Number Example: HN-3N2-4F

| Material ¹ | Series | Coupling Half | Coupling Size | End Fitting Size | Type of ¹ End Fitting | Seal ¹ Material |
|---|-------------|---|--|--|--|---|
| High strength steel-no letter designation required S Stainless steel SH High pressure stainless steel | HN-3 | C Coupler N Nipple | 2 - 1/8" 4 - 1/4" 6 - 3/8" 8 - 1/2" 12 - 3/4" 16 - 1" 32 - 2" | 2 - 1/8" 4 - 1/4" 6 - 3/8" 8 - 1/2" 12 - 3/4" 16 - 1" 20 - 1-1/4" 24 - 1-1/2" 32 - 2" | F Female NPSF ² RP Female British Parallel BS2779 EF Female SAE O'Ring Boss | ** Nitrile (AMS3215) V Viton (MIL-R-25897) JF Nitrile (MIL-P-5315) M Nitrile (MIL-P-25732) E Ethylene Propylene AS Aflas K Kalrez |

¹For other end fittings and seal or coupling materials, consult the factory. ²NPSF Female straight pipe thread on sizes to 1" taper pipe on sizes above 1".

Pressure Ratings psi (bar)

| Size (inches) | Steel | | 316 Stainless Steel | | High Pressure Stainless Steel | |
|---------------|--------------|--------------|---------------------|-------------|-------------------------------|--------------|
| | Max. Working | Min. Burst | Max. Working | Min. Burst | Max. Working | Min. Burst |
| 1/8 | 10000 (689) | 22000 (1517) | N/A | N/A | N/A | N/A |
| 1/4 | 10000 (689) | 20000 (1379) | 5000 (344) | 12500 (862) | 10000 (689) | 20000 (1379) |
| 3/8 | 10000 (689) | 20000 (1379) | 5000 (344) | 12500 (862) | 10000 (689) | 20000 (1379) |
| 1/2 | 10000 (689) | 20000 (1379) | 5000 (344) | 12500 (862) | 10000 (689) | 20000 (1379) |
| 3/4 | 7500 (517) | 15000 (1034) | 5000 (344) | 12500 (862) | 7500 (517) | 15000 (1034) |
| 1 | 7500 (517) | 15000 (1034) | 4000 (275) | 10000 (689) | 7500 (517) | 15000 (1034) |
| 1 x 1-1/4 | 7500 (517) | 15000 (1034) | 4000 (275) | 10000 (689) | 7500 (517) | 15000 (1034) |
| 2 x 1-1/2 | 5000 (344) | 10000 (689) | 3000 (206) | 6000 (413) | 5000 (344) | 10000 (689) |
| 2 | 5000 (344) | 10000 (689) | 3000 (206) | 6000 (413) | 5000 (344) | 10000 (689) |

Burst pressures listed were taken at the point at which failure rendered the quick-disconnect inoperative. (Proof pressure equals 1-1/2 times operating pressure.)

NOTE: Pressure ratings were established under static pressure conditions. For high impulse applications, multiply the above pressure ratings by .6 for approximate pressure ratings.

Air Inclusion on Connect, Spillage on Disconnect

| Size (inches) | Spillage (cc) | Inclusion (cc) |
|---------------|---------------|----------------|
| 1/8 | .12 | .02 |
| 1/4 | .02 | .01 |
| 3/8 | .02 | .02 |
| 1/2 | .03 | .03 |
| 3/4 | .06 | .04 |
| 1 | .10 | .06 |
| 1 x 1-1/4 | .10 | .06 |
| 2 x 1-1/2 | 5.25 | 30.50 |
| 2 | 5.25 | 30.50 |

Note: Air inclusion at 0 psi internal pressure. Spillage at 15 psi (1 bar) internal pressure.

Separation Forces at 1000 psi (69 bar)

| Size (inches) | Forces in Pounds (kilograms) |
|---------------|------------------------------|
| 1/8 | 195 (88) |
| 1/4 | 152 (69) |
| 3/8 | 270 (122) |
| 1/2 | 460 (208) |
| 3/4 | 970 (440) |
| 1 | 2250 (1020) |
| 2 | 6000 (2721) |

Maximum Recommended Connect/Disconnect Pressure

0 psi