



The Phoenix Forge Group
PHOENIX * CAPITOL * CAMCO * CAPPRODUCTS



MAXIMUM ALLOWABLE WORKING PRESSURE (PSI) AT DESIGN TEMPERATURE (F)
API K55 Casing Swage Nipples 8 Round Thread
FOR REFERENCE ONLY

| Nominal Large End Pipe Size | Wall Thickness | Outside Diameter | Temperature | | | | | | | | |
|-----------------------------|----------------|------------------|-------------|------|------|------|------|------|------|------|------|
| | | | -20 to 100 | 200 | 300 | 400 | 500 | 600 | 700 | 800 | 850 |
| 4-1/2 OD 10.5 LBS/FT 8RD | 0.224 | 4.500 | 2875 | 2875 | 2875 | 2875 | 2717 | 2487 | 2415 | 1552 | 1250 |
| 4-1/2 OD 11.6 LBS/FT 8RD | 0.250 | 4.500 | 3208 | 3208 | 3208 | 3208 | 3032 | 2775 | 2695 | 1733 | 1396 |
| 5-1/2 OD 14.0 LBS/FT 8RD | 0.244 | 5.500 | 2562 | 2562 | 2562 | 2562 | 2421 | 2216 | 2152 | 1383 | 1114 |
| 5-1/2 OD 20.0 LBS/FT 8RD | 0.361 | 5.500 | 2888 | 2888 | 2888 | 2888 | 2729 | 2498 | 2426 | 1559 | 1256 |
| 7 OD 23.0 LBS/FT 8RD | 0.317 | 7.000 | 2615 | 2615 | 2615 | 2615 | 2471 | 2262 | 2197 | 1412 | 1138 |
| 7 OD 38.0 LBS/FT 8RD | 0.540 | 7.000 | 4455 | 4455 | 4455 | 4455 | 4210 | 3854 | 3742 | 2406 | 1938 |
| 8-5/8 OD 24.0 LBS/FT 8RD | 0.264 | 8.625 | 1768 | 1768 | 1768 | 1768 | 1670 | 1529 | 1485 | 955 | 769 |
| 8-5/8 OD 32.0 LBS/FT 8RD | 0.352 | 8.625 | 2357 | 2357 | 2357 | 2357 | 2227 | 2039 | 1980 | 1273 | 1025 |

MAXIMUM ALLOWABLE WORKING PRESSURE (PSI) AT DESIGN TEMPERATURE (F)
API N80 Casing Swage Nipples 8 Round Thread
FOR REFERENCE ONLY

| Nominal Large End Pipe Size | Wall Thickness | Outside Diameter | Temperature | | | | | | | | |
|-----------------------------|----------------|------------------|-------------|------|------|------|------|------|------|------|------|
| | | | -20 to 100 | 200 | 300 | 400 | 500 | 600 | 700 | 800 | 850 |
| 4-1/2 OD 10.5 LBS/FT 8RD | 0.224 | 4.500 | 4181 | 4181 | 4181 | 4181 | 3951 | 3617 | 3512 | 2258 | 1819 |
| 4-1/2 OD 11.6 LBS/FT 8RD | 0.250 | 4.500 | 4667 | 4667 | 4667 | 4667 | 4410 | 4037 | 3920 | 2520 | 2030 |
| 5-1/2 OD 14.0 LBS/FT 8RD | 0.244 | 5.500 | 3727 | 3727 | 3727 | 3727 | 3522 | 3223 | 3130 | 2012 | 1621 |
| 5-1/2 OD 20.0 LBS/FT 8RD | 0.361 | 5.500 | 4200 | 4200 | 4200 | 4200 | 3969 | 3633 | 3528 | 2268 | 1827 |
| 7 OD 23.0 LBS/FT 8RD | 0.317 | 7.000 | 3804 | 3804 | 3804 | 3804 | 3595 | 3290 | 3195 | 2054 | 1655 |
| 7 OD 38.0 LBS/FT 8RD | 0.540 | 7.000 | 6480 | 6480 | 6480 | 6480 | 6124 | 5605 | 5443 | 3499 | 2819 |
| 8-5/8 OD 24.0 LBS/FT 8RD | 0.264 | 8.625 | 2571 | 2571 | 2571 | 2571 | 2430 | 2224 | 2160 | 1388 | 1118 |
| 8-5/8 OD 32.0 LBS/FT 8RD | 0.352 | 8.625 | 3428 | 3428 | 3428 | 3428 | 3240 | 2965 | 2880 | 1851 | 1491 |

NOTES:

- 1). The allowable working pressures were calculated based on formula as specified in the API Bulletin 5C3.
- 2). No allowances were made for corrosion, erosion, mechanical loads, and/or bending moments.
- 3). Allowable working pressures listed are non-shock working pressures.
- 4). For temperatures and working pressures above those listed consult the end user's Piping Engineer.
- 5). This information is to be used as a reference guide only. Specifying the correct pipe schedule and pressure class of fitting depends on many different factors. Therefore, it is the ultimate responsibility of the end user's Piping Engineer to specify the correct pipe schedule and pressure class of fitting that will safely work in his intended application.