

**NC26**

| ID (in) | 3-5/8 | 3-1/2 | 3-3/8       | OD (in)<br>3-1/4 | 3-1/8       | 3           | 2-31/32     | 2-15/16    |
|---------|-------|-------|-------------|------------------|-------------|-------------|-------------|------------|
| 1-3/4   | 7220  | 7160  | <b>6880</b> | <b>5010</b>      | <b>3240</b> | <b>1570</b> | <b>1170</b> | <b>780</b> |
| 1-7/8   | 6200  | 6150  | 6100        | <b>5010</b>      | <b>3240</b> | <b>1570</b> | <b>1170</b> | <b>780</b> |
| 2       | 5120  | 5070  | 5030        | 4980             | <b>3240</b> | <b>1570</b> | <b>1170</b> | <b>780</b> |
| 2-1/8   | 3960  | 3930  | 3900        | 3860             | <b>3240</b> | <b>1570</b> | <b>1170</b> | <b>780</b> |
| 2-5/32  | 3670  | 3640  | 3600        | 3570             | <b>3240</b> | <b>1570</b> | <b>1170</b> | <b>780</b> |
| 2-1/4   | 2740  | 2720  | 2690        | 2670             | 2640        | <b>1570</b> | <b>1170</b> | <b>780</b> |

**NC31**

| ID (in) | 4-3/8 | 4-1/4 | 4-1/8        | OD (in)<br>4 | 3-7/8       | 3-3/4       | 3-5/8       | 3-1/2       |
|---------|-------|-------|--------------|--------------|-------------|-------------|-------------|-------------|
| 1-5/8   | 16950 | 16820 | <b>14190</b> | <b>11490</b> | <b>8910</b> | <b>6450</b> | <b>4100</b> | <b>1860</b> |
| 1-3/4   | 15850 | 15730 | <b>14190</b> | <b>11490</b> | <b>8910</b> | <b>6450</b> | <b>4100</b> | <b>1860</b> |
| 1-7/8   | 14660 | 14550 | <b>14190</b> | <b>11490</b> | <b>8910</b> | <b>6450</b> | <b>4100</b> | <b>1860</b> |
| 2       | 13400 | 13300 | 13200        | <b>11490</b> | <b>8910</b> | <b>6450</b> | <b>4100</b> | <b>1860</b> |
| 2-1/8   | 12050 | 11960 | 11870        | <b>11490</b> | <b>8910</b> | <b>6450</b> | <b>4100</b> | <b>1860</b> |

**NC38**

| ID (in) | 5     | 4-15/16      | 4-7/8        | OD (in)<br>4-13/16 | 4-3/4        | 4-11/16      | 4-5/8        | 4-9/16       |
|---------|-------|--------------|--------------|--------------------|--------------|--------------|--------------|--------------|
| 2-1/8   | 26500 | <b>24840</b> | <b>22910</b> | <b>21010</b>       | <b>19170</b> | <b>17370</b> | <b>15580</b> | <b>13820</b> |
| 2-1/4   | 24870 | 24790        | <b>22910</b> | <b>21010</b>       | <b>19170</b> | <b>17370</b> | <b>15580</b> | <b>13820</b> |
| 2-3/8   | 23120 | 23050        | <b>22910</b> | <b>21010</b>       | <b>19170</b> | <b>17370</b> | <b>15580</b> | <b>13820</b> |
| 2-7/16  | 22200 | 22130        | 22060        | <b>21010</b>       | <b>19170</b> | <b>17370</b> | <b>15580</b> | <b>13820</b> |
| 2-1/2   | 21280 | 21210        | 21140        | <b>21010</b>       | <b>19170</b> | <b>17370</b> | <b>15580</b> | <b>13820</b> |
| 2-9/16  | 20330 | 20270        | 20200        | 20140              | <b>19170</b> | <b>17370</b> | <b>15580</b> | <b>13820</b> |
| 2-5/8   | 19350 | 19290        | 19220        | 19160              | 19100        | <b>17370</b> | <b>15580</b> | <b>13820</b> |
| 2-11/16 | 18340 | 18280        | 18220        | 18160              | 18100        | <b>17370</b> | <b>15580</b> | <b>13820</b> |

**NC38 Continued**

| ID (in) | 4-1/2        | 4-7/16       | 4-3/8       | OD (in)<br>4-5/16 | 4-1/4       | 4-3/16      | 4-1/8       |
|---------|--------------|--------------|-------------|-------------------|-------------|-------------|-------------|
| 2-1/8   | <b>12130</b> | <b>10460</b> | <b>8800</b> | <b>7180</b>       | <b>5620</b> | <b>4090</b> | <b>2570</b> |
| 2-1/4   | <b>12130</b> | <b>10460</b> | <b>8800</b> | <b>7180</b>       | <b>5620</b> | <b>4090</b> | <b>2570</b> |
| 2-3/8   | <b>12130</b> | <b>10460</b> | <b>8800</b> | <b>7180</b>       | <b>5620</b> | <b>4090</b> | <b>2570</b> |
| 2-7/16  | <b>12130</b> | <b>10460</b> | <b>8800</b> | <b>7180</b>       | <b>5620</b> | <b>4090</b> | <b>2570</b> |
| 2-1/2   | <b>12130</b> | <b>10460</b> | <b>8800</b> | <b>7180</b>       | <b>5620</b> | <b>4090</b> | <b>2570</b> |
| 2-9/16  | <b>12130</b> | <b>10460</b> | <b>8800</b> | <b>7180</b>       | <b>5620</b> | <b>4090</b> | <b>2570</b> |
| 2-5/8   | <b>12130</b> | <b>10460</b> | <b>8800</b> | <b>7180</b>       | <b>5620</b> | <b>4090</b> | <b>2570</b> |
| 2-11/16 | <b>12130</b> | <b>10460</b> | <b>8800</b> | <b>7180</b>       | <b>5620</b> | <b>4090</b> | <b>2570</b> |

**NC40**

| ID (in) | 5-1/5 | 5-3/8 | 5-1/4        | OD (in)<br>5-1/8 | 5            | 4-7/8        | 4-3/4        | 4-5/8       |
|---------|-------|-------|--------------|------------------|--------------|--------------|--------------|-------------|
| 2-1/4   | 32940 | 32740 | <b>29360</b> | <b>25080</b>     | <b>20950</b> | <b>16970</b> | <b>13130</b> | <b>9430</b> |
| 2-3/8   | 31080 | 30890 | <b>29360</b> | <b>25080</b>     | <b>20950</b> | <b>16970</b> | <b>13130</b> | <b>9430</b> |
| 2-7/16  | 30110 | 29920 | <b>29360</b> | <b>25080</b>     | <b>20950</b> | <b>16970</b> | <b>13130</b> | <b>9430</b> |
| 2-1/2   | 29120 | 28940 | 28770        | <b>25080</b>     | <b>20950</b> | <b>16970</b> | <b>13130</b> | <b>9430</b> |
| 2-9/16  | 28110 | 27940 | 27770        | <b>25080</b>     | <b>20950</b> | <b>16970</b> | <b>13130</b> | <b>9430</b> |
| 2-5/8   | 27060 | 26890 | 26730        | <b>25080</b>     | <b>20950</b> | <b>16970</b> | <b>13130</b> | <b>9430</b> |
| 2-11/16 | 25980 | 25820 | 25660        | <b>25080</b>     | <b>20950</b> | <b>16970</b> | <b>13130</b> | <b>9430</b> |
| 2-3/4   | 24900 | 24740 | 24590        | 24440            | <b>20950</b> | <b>16970</b> | <b>13130</b> | <b>9430</b> |
| 2-13/16 | 23790 | 23640 | 23500        | 23350            | <b>20950</b> | <b>16970</b> | <b>13130</b> | <b>9430</b> |

**NC46**

| ID (in) | 6-1/2 | 6-7/16 | 6-3/8 | 6-5/16 | OD (in)<br>6-1/4 | 6-3/16 | 6-1/8 | 6-1/16       | 6            | 5-15/16      |
|---------|-------|--------|-------|--------|------------------|--------|-------|--------------|--------------|--------------|
| 2-1/2   | 50170 | 50030  | 49900 | 49760  | 49630            | 49500  | 49360 | <b>47780</b> | <b>44970</b> | <b>42200</b> |
| 2-5/8   | 47820 | 47690  | 47560 | 47430  | 47310            | 47180  | 47050 | 46920        | <b>44970</b> | <b>42200</b> |
| 2-3/4   | 45360 | 45240  | 45110 | 44990  | 44870            | 44750  | 44630 | 44510        | 44390        | <b>42200</b> |
| 2-7/8   | 42780 | 42670  | 42550 | 42440  | 42320            | 42210  | 42090 | 41980        | 41860        | <b>42200</b> |
| 3       | 40090 | 39980  | 39870 | 39770  | 39660            | 39550  | 39440 | 39340        | 39230        | 39120        |
| 3-1/8   | 37280 | 37180  | 37080 | 36980  | 36880            | 36780  | 36680 | 36580        | 36480        | 36380        |
| 3-1/4   | 34360 | 34270  | 34180 | 34090  | 33990            | 33900  | 33810 | 33720        | 33630        | 33530        |
| 3-3/8   | 31330 | 31240  | 31160 | 31070  | 30990            | 30910  | 30820 | 30740        | 30660        | 30570        |
| 3-1/2   | 28180 | 28100  | 28030 | 27950  | 27880            | 27800  | 27720 | 27650        | 27570        | 27500        |

NC46 (continued)

| ID (in) | 5-7/8 | 5-13/16 | 5-3/4 | 5-11/16 | OD (in)<br>5-5/8 | 5-9/16 | 5-3/8 | 5-5/16 | 5-1/4 | 5-5/32 |
|---------|-------|---------|-------|---------|------------------|--------|-------|--------|-------|--------|
| 2-1/2   | 39430 | 36700   | 34060 | 31460   | 28850            | 26290  | 18940 | 16540  | 14220 | 10790  |
| 2-5/8   | 39430 | 36700   | 34060 | 31460   | 28850            | 26290  | 18940 | 16540  | 14220 | 10790  |
| 2-3/4   | 39430 | 36700   | 34060 | 31460   | 28850            | 26290  | 18940 | 16540  | 14220 | 10790  |
| 2-7/8   | 39430 | 36700   | 34060 | 31460   | 28850            | 26290  | 18940 | 16540  | 14220 | 10790  |
| 3       | 39020 | 36700   | 34060 | 31460   | 28850            | 26290  | 18940 | 16540  | 14220 | 10790  |
| 3-1/8   | 36280 | 36180   | 34060 | 31460   | 28850            | 26290  | 18940 | 16540  | 14220 | 10790  |
| 3-1/4   | 33440 | 33350   | 33260 | 31460   | 28850            | 26290  | 18940 | 16540  | 14220 | 10790  |
| 3-3/8   | 30490 | 30400   | 30320 | 30240   | 28850            | 26290  | 18940 | 16540  | 14220 | 10790  |
| 3-1/2   | 27420 | 27350   | 27270 | 27200   | 27120            | 26290  | 18940 | 16540  | 14220 | 10790  |

NC50

| ID (in) | 6-5/8 | 6-9/16 | 6-1/2 | OD (in)<br>6-7/16 | 6-3/8 | 6-5/16 | 6-1/4 | 6-3/16 |
|---------|-------|--------|-------|-------------------|-------|--------|-------|--------|
| 2-3/4   | 63400 | 60280  | 56980 | 53740             | 50480 | 47280  | 44170 | 41100  |
| 2-7/8   | 60660 | 60280  | 56980 | 53740             | 50480 | 47280  | 44170 | 41100  |
| 3       | 57800 | 57650  | 56980 | 53740             | 50480 | 47280  | 44170 | 41100  |
| 3-1/8   | 54820 | 54680  | 54540 | 53740             | 50480 | 47280  | 44170 | 41100  |
| 3-1/4   | 51700 | 51580  | 51450 | 51320             | 50480 | 47280  | 44170 | 41100  |
| 3-3/8   | 48480 | 48360  | 48230 | 48110             | 47990 | 47280  | 44170 | 41100  |
| 3-1/2   | 45130 | 45010  | 44900 | 44790             | 44670 | 44560  | 44170 | 41100  |
| 3-5/8   | 41650 | 41550  | 41450 | 41340             | 41240 | 41130  | 41030 | 40920  |
| 3-3/4   | 38060 | 37960  | 37870 | 37770             | 37680 | 37580  | 37490 | 37390  |

NC50 (continued)

| ID (in) | 6-18  | 6-1/16 | 6     | OD (in)<br>5-15/16 | 5-7/8 | 5-13/16 | 5-3/4 | 5-11/16 |
|---------|-------|--------|-------|--------------------|-------|---------|-------|---------|
| 2-3/4   | 38030 | 35010  | 32070 | 29180              | 26290 | 23450   | 20690 | 17980   |
| 2-7/8   | 38030 | 35010  | 32070 | 29180              | 26290 | 23450   | 20690 | 17980   |
| 3       | 38030 | 35010  | 32070 | 29180              | 26290 | 23450   | 20690 | 17980   |
| 3-1/8   | 38030 | 35010  | 32070 | 29180              | 26290 | 23450   | 20690 | 17980   |
| 3-1/4   | 38030 | 35010  | 32070 | 29180              | 26290 | 23450   | 20690 | 17980   |
| 3-3/8   | 38030 | 35010  | 32070 | 29180              | 26290 | 23450   | 20690 | 17980   |
| 3-1/2   | 38030 | 35010  | 32070 | 29180              | 26290 | 23450   | 20690 | 17980   |
| 3-5/8   | 38030 | 35010  | 32070 | 29180              | 26290 | 23450   | 20690 | 17980   |
| 3-3/4   | 37290 | 35010  | 32070 | 29180              | 26290 | 23450   | 20690 | 17980   |

NC56

| ID (in) | 8     | 7-7/8 | 7-3/4 | OD (in)<br>7-5/8 | 7-1/2 | 7-3/8 | 7-1/4 | 7-1/8 |
|---------|-------|-------|-------|------------------|-------|-------|-------|-------|
| 3-1/8   | 86320 | 85930 | 85540 | 85150            | 84760 | 84370 | 77760 | 69840 |
| 3-1/4   | 82860 | 82490 | 82110 | 81740            | 81360 | 80990 | 77760 | 69840 |
| 3-3/8   | 79270 | 78910 | 78550 | 78190            | 77830 | 77470 | 77120 | 69840 |
| 3-1/2   | 75540 | 75200 | 74850 | 74510            | 74170 | 73830 | 73490 | 69840 |
| 3-5/8   | 71670 | 71350 | 71020 | 70700            | 70370 | 70050 | 69730 | 69400 |
| 3-3/4   | 67670 | 67360 | 67060 | 66750            | 66450 | 66140 | 65830 | 65530 |
| 3-7/8   | 63530 | 63240 | 62960 | 62670            | 62380 | 62100 | 61810 | 61520 |
| 4       | 59260 | 58990 | 58720 | 58460            | 58190 | 57920 | 57650 | 57380 |

2-7/8 SL-H90

| ID (in) | 4-1/4 | 4-1/8 | 4     | OD (in)<br>3-7/8 | 3-3/4 | 3-5/8 | 3-1/2 | 3-7/16 |
|---------|-------|-------|-------|------------------|-------|-------|-------|--------|
| 2       | 13400 | 13310 | 13220 | 13130            | 10840 | 8190  | 5660  | 4450   |
| 2-1/8   | 11910 | 11830 | 11750 | 11670            | 10840 | 8190  | 5660  | 4450   |
| 2-5/32  | 11530 | 11450 | 11370 | 11290            | 10840 | 8190  | 5660  | 4450   |
| 2-1/4   | 10330 | 10260 | 10190 | 10120            | 10050 | 8190  | 5660  | 4450   |
| 2-3/8   | 8650  | 8600  | 8540  | 8480             | 8420  | 8190  | 5660  | 4450   |
| 2-7/16  | 7780  | 7720  | 7670  | 7620             | 7570  | 7510  | 5660  | 4450   |

3-1/2 SL-H90

| ID (in) | 5     | 4-7/8 | 4-3/4 | OD (in)<br>4-5/8 | 4-1/2 | 4-3/8 | 4-1/4 | 4-1/8 |
|---------|-------|-------|-------|------------------|-------|-------|-------|-------|
| 2-1/2   | 22190 | 22060 | 21930 | 21800            | 18330 | 14570 | 10960 | 7490  |
| 2-5/8   | 20020 | 19900 | 19780 | 19670            | 18330 | 14570 | 10960 | 7490  |
| 2-11/16 | 18880 | 18770 | 18660 | 18550            | 18330 | 14570 | 10960 | 7490  |
| 2-3/4   | 17740 | 17640 | 17530 | 17430            | 17330 | 14570 | 10960 | 7490  |
| 2-7/8   | 15350 | 15270 | 15180 | 15090            | 15000 | 14570 | 10960 | 7490  |
| 3       | 12860 | 12790 | 12720 | 12640            | 12570 | 12490 | 10960 | 7490  |

3-1/2 XH

| ID (in) | 5     | 4-7/8 | 4-3/4 | OD (in)<br>4-5/8 | 4-1/2 | 4-3/8 | 4-1/4 | 4-1/8 |
|---------|-------|-------|-------|------------------|-------|-------|-------|-------|
| 2-1/4   | 19880 | 19750 | 19620 | 19480            | 16280 | 13030 | 9910  | 6920  |
| 2-3/8   | 18190 | 18070 | 17950 | 17830            | 16280 | 13030 | 9910  | 6920  |
| 2-7/16  | 17300 | 17190 | 17070 | 16960            | 16280 | 13030 | 9910  | 6920  |
| 2-1/2   | 16410 | 16300 | 16190 | 16080            | 15970 | 13030 | 9910  | 6920  |
| 2-9/16  | 15490 | 15390 | 15280 | 15180            | 15070 | 13030 | 9910  | 6920  |
| 2-5/8   | 14530 | 14440 | 14340 | 14240            | 14140 | 13030 | 9910  | 6920  |

**4 H90**

| ID (in) | OD (in) |       |       |       |       |       |       |              |              |              |              |
|---------|---------|-------|-------|-------|-------|-------|-------|--------------|--------------|--------------|--------------|
|         | 6-1/4   | 6-1/8 | 6     | 5-7/8 | 5-3/4 | 5-5/8 | 5-1/2 | 5-5/32       | 5-1/32       | 4-7/8        | 4-27/32      |
| 2-3/4   | 37830   | 37630 | 37440 | 37240 | 37050 | 36860 | 36670 | <b>23190</b> | <b>18430</b> | <b>12720</b> | <b>11610</b> |
| 2-13/16 | 36510   | 36320 | 36130 | 35950 | 35760 | 35570 | 35380 | <b>23190</b> | <b>18430</b> | <b>12720</b> | <b>11610</b> |
| 2-7/8   | 35130   | 34950 | 34770 | 34590 | 34410 | 34230 | 34050 | <b>23190</b> | <b>18430</b> | <b>12720</b> | <b>11610</b> |
| 3       | 32320   | 32150 | 31990 | 31820 | 31660 | 31490 | 31320 | <b>23190</b> | <b>18430</b> | <b>12720</b> | <b>11610</b> |
| 3-1/8   | 29380   | 29230 | 29080 | 28930 | 28780 | 28630 | 28480 | <b>23190</b> | <b>18430</b> | <b>12720</b> |              |

**4-1/2 H90**

| ID (in) | OD (in) |       |       |       |       |       |              |              |              |              |              |
|---------|---------|-------|-------|-------|-------|-------|--------------|--------------|--------------|--------------|--------------|
|         | 6-3/4   | 6-5/8 | 6-1/2 | 6-3/8 | 6-1/4 | 6-1/8 | 6            | 5-7/8        | 5-3/4        | 5-1/2        | 5-3/8        |
| 2-3/4   | 52380   | 52130 | 51880 | 51630 | 51380 | 51130 | <b>50560</b> | <b>44430</b> | <b>38480</b> | <b>27110</b> | <b>21690</b> |
| 2-7/8   | 49500   | 49260 | 49030 | 48790 | 48550 | 48310 | 48080        | <b>44430</b> | <b>38480</b> | <b>27110</b> | <b>21690</b> |
| 3       | 46490   | 46260 | 46040 | 45820 | 45600 | 45370 | 45150        | <b>44430</b> | <b>38480</b> | <b>27110</b> | <b>21690</b> |
| 3-1/8   | 43350   | 43140 | 42930 | 42720 | 42520 | 42310 | 42100        | 41890        | <b>38480</b> | <b>27110</b> | <b>21690</b> |
| 3-1/4   | 40080   | 39880 | 39690 | 39500 | 39310 | 39120 | 38930        | 38730        | <b>38480</b> | <b>27110</b> | <b>21690</b> |
| 3-3/8   | 36680   | 36500 | 36330 | 36150 | 35980 | 35800 | 35630        | 35450        | 35270        | <b>27110</b> | <b>21690</b> |
| 3-1/2   | 33150   | 32990 | 32840 | 32680 | 32520 | 32360 | 32200        | 32040        | 31880        | <b>27110</b> | <b>21690</b> |

**2-7/8 PAC**

| ID (in) | OD (in)     |             |             |             |             |             |             |             |  |
|---------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--|
|         | 3-1/8       | 3-1/16      | 3           | 2-15/16     | 2-7/8       | 2-13/16     | 2-3/4       | 2-11/16     |  |
| 1-1/4   | <b>6810</b> | <b>5990</b> | <b>5210</b> | <b>4450</b> | <b>3700</b> | <b>2970</b> | <b>2280</b> | <b>1600</b> |  |
| 1-3/8   | 6460        | <b>5990</b> | <b>5210</b> | <b>4450</b> | <b>3700</b> | <b>2970</b> | <b>2280</b> | <b>1600</b> |  |
| 1-1/2   | 5730        | 5700        | <b>5210</b> | <b>4450</b> | <b>3700</b> | <b>2970</b> | <b>2280</b> | <b>1600</b> |  |
| 1-5/8   | 4940        | 4920        | 4890        | <b>4450</b> | <b>3700</b> | <b>2970</b> | <b>2280</b> | <b>1600</b> |  |
| 1-3/4   | 4080        | 4060        | 4040        | 4030        | <b>3700</b> | <b>2970</b> | <b>2280</b> | <b>1600</b> |  |

**4-1/2 FH**

| ID (in) | OD (in) |       |       |              |              |              |              |              |              |  |
|---------|---------|-------|-------|--------------|--------------|--------------|--------------|--------------|--------------|--|
|         | 6-1/4   | 6-1/8 | 6     | 5-7/8        | 5-3/4        | 5-5/8        | 5-1/2        | 5-3/8        | 5-9/32       |  |
| 2-1/2   | 44770   | 44520 | 44270 | <b>39970</b> | <b>34790</b> | <b>29770</b> | <b>24910</b> | <b>20210</b> | <b>16780</b> |  |
| 2-5/8   | 42530   | 42300 | 42060 | <b>39970</b> | <b>34790</b> | <b>29770</b> | <b>24910</b> | <b>20210</b> | <b>16780</b> |  |
| 2-3/4   | 40190   | 39960 | 39740 | 39510        | <b>34790</b> | <b>29770</b> | <b>24910</b> | <b>20210</b> | <b>16780</b> |  |
| 2-7/8   | 37740   | 37530 | 37310 | 37100        | <b>34790</b> | <b>29770</b> | <b>24910</b> | <b>20210</b> | <b>16780</b> |  |
| 3       | 35180   | 34980 | 34780 | 34580        | 34380        | <b>29770</b> | <b>24910</b> | <b>20210</b> | <b>16780</b> |  |

**5-1/2 FH**

| ID (in) | OD (in) |       |              |              |              |              |              |              |              |              |
|---------|---------|-------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
|         | 7-1/2   | 7-3/8 | 7-1/4        | 7-1/8        | 7            | 6-7/8        | 6-3/4        | 6-5/8        | 6-17/32      | 6-13/32      |
| 3       | 87170   | 86770 | <b>78720</b> | <b>70710</b> | <b>62900</b> | <b>55300</b> | <b>47900</b> | <b>40690</b> | <b>35400</b> | <b>28530</b> |
| 3-1/16  | 85550   | 85160 | <b>78720</b> | <b>70710</b> | <b>62900</b> | <b>55300</b> | <b>47900</b> | <b>40690</b> | <b>35400</b> | <b>28530</b> |
| 3-1/8   | 83870   | 83490 | <b>78720</b> | <b>70710</b> | <b>62900</b> | <b>55300</b> | <b>47900</b> | <b>40690</b> | <b>35400</b> | <b>28530</b> |
| 3-1/4   | 80430   | 80060 | <b>78720</b> | <b>70710</b> | <b>62900</b> | <b>55300</b> | <b>47900</b> | <b>40690</b> | <b>35400</b> | <b>28530</b> |
| 3-3/8   | 76860   | 76510 | 76160        | <b>70710</b> | <b>62900</b> | <b>55300</b> | <b>47900</b> | <b>40690</b> | <b>35400</b> | <b>28530</b> |
| 3-1/2   | 73150   | 72820 | 72480        | <b>70710</b> | <b>62900</b> | <b>55300</b> | <b>47900</b> | <b>40690</b> | <b>35400</b> | <b>28530</b> |
| 3-5/8   | 69310   | 68990 | 68680        | 68360        | <b>62900</b> | <b>55300</b> | <b>47900</b> | <b>40690</b> | <b>35400</b> | <b>28530</b> |
| 3-3/4   | 65330   | 65030 | 64730        | 64440        | <b>62900</b> | <b>55300</b> | <b>47900</b> | <b>40690</b> | <b>35400</b> | <b>28530</b> |
| 3-7/8   | 61220   | 60940 | 60660        | 60380        | 60100        | <b>55300</b> | <b>47900</b> | <b>40690</b> | <b>35400</b> | <b>28530</b> |
| 4       | 56970   | 56710 | 56450        | 56190        | 55930        | <b>55300</b> | <b>47900</b> | <b>40690</b> | <b>35400</b> | <b>28530</b> |

**6-5/8 FH**

| ID (in) | OD (in) |        |        |        |        |              |              |              |              |              |
|---------|---------|--------|--------|--------|--------|--------------|--------------|--------------|--------------|--------------|
|         | 8-3/4   | 8-5/8  | 8-1/2  | 8-3/8  | 8-1/4  | 8-1/8        | 8            | 7-3/4        | 7-1/2        | 7-1/8        |
| 4       | 120390  | 119920 | 119450 | 118970 | 108540 | <b>98080</b> | <b>87860</b> | <b>68100</b> | <b>49250</b> | <b>40710</b> |
| 4-1/2   | 99170   | 98780  | 98390  | 98000  | 97610  | 97220        | <b>87860</b> | <b>68100</b> | <b>49250</b> | <b>40710</b> |
| 4-3/4   | 87620   | 87270  | 86930  | 86580  | 86240  | 85890        | 85550        | <b>68100</b> | <b>49250</b> | <b>40710</b> |
| 5       | 75440   | 75140  | 74850  | 74550  | 74250  | 73960        | 73660        | <b>68100</b> | <b>49250</b> | <b>40710</b> |
| 5-1/4   | 62640   | 62400  | 62150  | 61900  | 61660  | 61410        | 61160        | 60670        | <b>49250</b> | <b>40710</b> |

**2-7/8 HT PAC**

| ID (in) | OD (in) |       |              |             |             |             |  |
|---------|---------|-------|--------------|-------------|-------------|-------------|--|
|         | 3-3/8   | 3-1/4 | 3-1/8        | 3           | 2-7/8       | 2-3/4       |  |
| 1-1/4   | 11100   | 11000 | <b>10100</b> | <b>8500</b> | <b>7100</b> | <b>5600</b> |  |
| 1-1/2   | 8600    | 8600  | 8600         | <b>7500</b> | <b>6000</b> | <b>4600</b> |  |
| 1-3/4   | 5600    | 5600  | 5500         | 5500        | <b>4700</b> | <b>3300</b> |  |

**HT26**

| ID (in) | OD (in) |              |              |             |             |
|---------|---------|--------------|--------------|-------------|-------------|
|         | 3-5/8   | 3-1/2        | 3-3/8        | 3-1/4       | 3-1/8       |
| 1-1/2   | 13200   | <b>12200</b> | <b>10200</b> | <b>8300</b> | <b>6500</b> |
| 1-3/4   | 9900    | 9900         | <b>8800</b>  | <b>6900</b> | <b>5100</b> |
| 2       | 6100    | 6100         | 6000         | <b>5200</b> | <b>3400</b> |

| ID (in) | 5     | 4-7/8 | HT38<br>OD (in)<br>4-3/4 | 4-5/8 | 4-1/2 | 4-3/8 |
|---------|-------|-------|--------------------------|-------|-------|-------|
| 2-1/2   | 30800 | 30700 | 27200                    | 23600 | 20200 | 16900 |
| 2-11/16 | 25600 | 25500 | 24900                    | 21300 | 17900 | 14600 |
| 2-3/4   | 23700 | 23600 | 23500                    | 20500 | 17100 | 13800 |
| 2-7/8   | 19900 | 19800 | 19700                    | 18800 | 15400 | 12100 |

#### HT40

| ID (in) | 5-1/2 | 5-3/8 | OD (in)<br>5-1/4 | 5-1/8 | 5     | 4-7/8 |
|---------|-------|-------|------------------|-------|-------|-------|
| 2-3/4   | 33800 | 33700 | 33500            | 32300 | 28200 | 28200 |
| 2-13/16 | 31800 | 31700 | 31500            | 31400 | 27300 | 23400 |
| 3       | 25500 | 25400 | 25300            | 25200 | 24500 | 20600 |

#### HT50

| ID (in) | 6-5/8 | 6-1/2 | OD (in)<br>6-3/8 | 6-1/4 | 6-1/8 |
|---------|-------|-------|------------------|-------|-------|
| 3       | 81700 | 78300 | 71800            | 65700 | 59500 |
| 3-1/4   | 71000 | 70800 | 67300            | 61000 | 54800 |
| 3-1/2   | 59300 | 59200 | 58800            | 55800 | 49700 |
| 3-5/8   | 52900 | 52700 | 52500            | 47000 | 41100 |
| 3-3/4   | 46600 | 46200 | 46000            | 46000 | 38100 |
| 3-7/8   | 39700 | 39500 | 39300            | 39200 | 35100 |

#### HT55

| ID (in) | 7-1/4 | 7-1/8 | OD (in)<br>7 | 6-7/8 | 6-3/4 |
|---------|-------|-------|--------------|-------|-------|
| 3-7/8   | 85300 | 85000 | 81100        | 73600 | 66400 |
| 4       | 77900 | 77600 | 77300        | 70300 | 63100 |
| 4-1/4   | 62200 | 62000 | 61700        | 61500 | 56000 |

#### Wedge Thread™ Connection

|      | OD (in) | ID (in) | Torsional Capacity<br>(ft-lb) |
|------|---------|---------|-------------------------------|
| WT23 | 3-1/8   | 1-1/2   | 10400                         |
| WT26 | 3-3/8   | 1-3/4   | 12300                         |
| WT31 | 4-1/8   | 2       | 28500                         |
| WT38 | 4-3/4   | 2-9/16  | 41000                         |
|      | 4-3/4   | 2-1/2   | 41000                         |
| WT39 | 5-1/8   | 2-13/16 | 46000                         |
| WT40 | 5-1/2   | 3-1/8   | 54000                         |
| WT46 | 6-1/4   | 3-1/2   | 70000                         |
| WT50 | 7       | 4       | 109000                        |
|      | 7       | 3-7/8   | 109000                        |
|      | 6-5/8   | 3-5/8   | 109000                        |
| WT54 | 7       | 4-3/8   | 120000                        |
| WT56 | 7       | 4-5/8   | 131000                        |
|      | 7-1/4   | 4       | 135000                        |
| WT66 | 8       | 5-3/8   | 168000                        |

#### GPC™

| Connection | OD (in) | ID (in) | Torsional Capacity<br>(ft-lb) |
|------------|---------|---------|-------------------------------|
| GPC26      | 3-1/2   | 1-3/4   | 12150                         |
| GPC31      | 4       | 2-5/32  | 17500                         |
| GPC38      | 4-3/4   | 2-11/16 | 29000                         |
| GPC40      | 5-1/4   | 2-13/16 | 41950                         |
| GPC46      | 6-1/4   | 3-1/4   | 69200                         |
| GPC50      | 6-5/8   | 3-1/2   | 87700                         |
| GPC55      | 7       | 4       | 96500                         |
| GPC65      | 8       | 5       | 134000                        |

**DSTJ™ NC38**

| ID (in) | OD (in)  |              |
|---------|----------|--------------|
|         | <b>5</b> | <b>4-3/4</b> |
| 2-1/8   | 30160    | <b>25260</b> |
| 2-7/16  | 27460    | <b>24160</b> |
| 2-9/16  | 24860    | <b>23630</b> |

**DSTJ™ NC46**

| ID (in) | OD (in)      |              |
|---------|--------------|--------------|
|         | <b>6-1/4</b> | <b>6</b>     |
| 2-1/4   | 68570        | <b>58670</b> |
| 2-1/2   | 63060        | <b>57780</b> |
| 2-3/4   | 56750        | 55980        |
| 3       | 49530        | 49080        |
| 3-1/4   | 41690        | 41250        |

**DSTJ™ NC50**

| ID (in) | OD (in)      | OD (in)      | OD (in)      |
|---------|--------------|--------------|--------------|
|         | <b>6-5/8</b> | <b>6-1/2</b> | <b>6-3/8</b> |
| 2-3/4   | 81620        | <b>74250</b> | <b>67100</b> |
| 3       | 73890        | <b>73230</b> | <b>65750</b> |
| 3-1/4   | 65650        | 65420        | <b>64110</b> |
| 3-1/2   | 56560        | 56340        | 56200        |

**DSTJ™ 5-1/2 FH**

| ID (in) | OD (in)       |              |
|---------|---------------|--------------|
|         | <b>7-1/4</b>  | <b>7</b>     |
| 3-1/4   | <b>101000</b> | <b>83330</b> |
| 3-1/2   | 92310         | <b>81430</b> |
| 3-3/4   | 81180         | <b>79200</b> |
| 4       | 69580         | 69140        |