



TRANSFER OIL

Pure Fluid Attitude



Quadra DN4 Assembled

The possibility of choosing between QUADRA hose already assembled at the factory in standard configurations, or to the customers own design, allow to reduce the time required to make circuits when compared to using rigid copper tubing.

XXX is total length of QUADRA hose in cm (multiple lengths of 10 cm)



FEATURES

Straight female 1/4 + Straight female 1/4

Part no. CAFXXX
CRUUS UL approved

Part no. CCGXXX
CRUUS UL approved

Pack Assembled hose in bundles of 50 pieces

Straight female 1/4 + Straight female 1/4 + Valve Opener

Part no.CHVXXX

Part no.CHWXXX

Pack Assembled hose in bundles of 50 pieces

Straight female 1/4 + Straight female 3/8

Part no.CCMXXX

Part no.CCNXXX

Pack Assembled hose in bundles of 50 pieces

Straight female 1/4 + Elbow female 90° 1/4

Part no. CAGXXX
CRUUS UL approved

Part no. CCHXXX
CRUUS UL approved

Pack Assembled hose in bundles of 50 pieces

Straight female 1/4 + Elbow female 90° 3/8

Part no. CDSXXX
CRUUS UL approved

Part no. CDWXXX
CRUUS UL approved

Pack Assembled hose in bundles of 50 pieces

Straight Female 1/4 + Male 1/4

Part no.CIRXXX

Part no.CISXXX

Pack Assembled hose in bundles of 50 pieces

Straight female 1/4 + Copper brazing tube

Part no.CHBXXX

Part no.CHCXXX

Pack Assembled hose in bundles of 50 pieces

Straight Female 1/4 + Straight Female 1/4 (all with Valve Opener)

Part no.CHZXXX

Part no.CIAXXX

Pack Assembled hose in bundles of 50 pieces

Straight Female 1/4 (Valve Opener)+ 3/8 Straight Female

Part no.CIFXXX

Part no.CIGXXX

Pack Assembled hose in bundles of 50 pieces

Straight Female 1/4 (Valve Opener)+ Elbow Female 1/4

Part no.CIBXXX

Part no.CICXXX

Pack Assembled hose in bundles of 50 pieces

Straight Female 1/4 (Valve Opener)+ Elbow Female 3/8

Part no.CIDXXX

Part no.CIEXXX

Pack Assembled hose in bundles of 50 pieces

Straight Female 1/4 (Valve Opener)+ Male 1/4

Part no.CHXXXX

Part no.CHYXXX

Pack Assembled hose in bundles of 50 pieces

Straight Female 1/4 (Valve Opener)+ Copper Brazing Tube

Part no.CIHXXX

Part no.CIIXXX

Pack Assembled hose in bundles of 50 pieces

Straight Female 3/8 + Straight Female 3/8

Part no.CCKXXX

Part no.CCLXXX

Pack Assembled hose in bundles of 50 pieces

Elbow Female 1/4 + Straight Female 3/8

Part no.CCPXXX

Part no.CCQXXX

Pack Assembled hose in bundles of 50 pieces

Elbow Female 90° 1/4 + Elbow Female 90° 1/4

Part no. CAHXXX
CRUUS UL approved

Part no. CCIXXX
CRUUS UL approved

Pack Assembled hose in bundles of 50 pieces

Elbow female 90° 1/4 + Elbow Female 90° 3/8

Part no. CDTXXX
CRUUS UL approved

Part no. CDXXXX
CRUUS UL approved

Pack Assembled hose in bundles of 50 pieces

Elbow female 90° 1/4 + Straight male 3/8

Part no.CIJXXX

Part no.CIKXXX

Pack Assembled hose in bundles of 50 pieces

Elbow female 90° 1/4 + Copper brazing tube

Part no.CHFXXX

Part no.CHGXXX

Pack Assembled hose in bundles of 50 pieces

Straight female 3/8 + Elbow female 90° 3/8

Part no.CDRXXX

Part no.CDVXXX

Pack Assembled hose in bundles of 50 pieces

Staright female 3/8 + Copper Brazing Tube

Part no.CHDXXX

Part no.CHEXXX

Pack Assembled hose in bundles of 50 pieces

Elbow female 90° 3/8 + Elbow female 90° 3/8

Part no. CDUXXX
CRUUS UL approved

Part no. CDYXXX
CRUUS UL approved

Pack Assembled hose in bundles of 50 pieces

Elbow Female 90° 3/8 + Male 1/4

Part no. CILXXX

Part no. CIMXXX

Pack Assembled hose in bundles of 50 pieces

Elbow Female 90° 3/8 + Copper Brazing Tube

Part no.CHHXXX

Part no.CHIXXX

Pack Assembled hose in bundles of 50 pieces

Male 1/4 + Male 1/4

Part no.CINXXX

Part no.CIOXXX

Pack Assembled hose in bundles of 50 pieces

Male 1/4 + Copper brazing tube

Part no.CIPXXX

Part no.CIQXXX

Pack Assembled hose in bundles of 50 pieces

Copper brazing tube + Copper brazing tube

Part no.CHJXXX

Part no.CHKXXX

Pack Assembled hose in bundles of 50 pieces

| Part no. | DN | Inches | Dash | ID (mm) | OD (mm) | WP (bar) | BP (bar) | ID (inch) | OD (inch) | WP (psi) | BP (psi) | SF | BR (mm) | BR (inch) | Weight (gr/m) | Weight (lb/ft) | Ferrule standard | Ferrule A316L |
|----------|-----|--------|------|---------|---------|----------|----------|-----------|-----------|----------|----------|-------|---------|-----------|---------------|----------------|------------------|---------------|
| 089A | DN2 | 5/64 | - | 2.0 | 5.0 | 630 | 1900 | 0.079 | 0.197 | 9100 | 27300 | 3:1 | 20 | 0.79 | 19 | 0.013 | SAYIC1 | |
| 089B | DN3 | 1/8 | -2 | 3.0 | 6.0 | 630 | 1900 | 0.118 | 0.236 | 9100 | 27300 | 3:1 | 30 | 1.18 | 24 | 0.016 | SAYIG1 | |
| 202B | DN3 | 1/8 | -2 | 3.5 | 7.2 | 1050 | 2625 | 0.138 | 0.283 | 15000 | 37500 | 2.5:1 | 60 | 2.36 | 92 | 0.062 | HAAIG1 | |
| 0460 | DN4 | 1/8 | -2 | 4.0 | 9.1 | 700 | 2800 | 0.157 | 0.358 | 10000 | 40000 | 4:1 | 25 | 0.98 | 60 | 0.040 | SAFI01 | SAF801 |
| 0520 | DN4 | 1/8 | -2 | 4.0 | 8.3 | 210 | 840 | 0.157 | 0.327 | 3000 | 12000 | 4:1 | 25 | 0.98 | 45 | 0.030 | SAB101 | SAB801 |
| 0540 | DN4 | 1/8 | -2 | 4.0 | 8.0 | 420 | 1680 | 0.157 | 0.315 | 6000 | 24000 | 4:1 | 25 | 0.98 | 44 | 0.030 | SAB101 | SAB801 |
| 0630 | DN4 | 1/8 | -2 | 4.0 | 8.3 | 210 | 840 | 0.157 | 0.327 | 3000 | 12000 | 4:1 | 25 | 0.98 | 97 | 0.065 | SAB101 | SAB801 |
| 0660 | DN4 | 1/8 | -2 | 4.0 | 8.3 | 210 | 840 | 0.157 | 0.327 | 3000 | 12000 | 4:1 | 25 | 0.98 | 52 | 0.035 | SAB101 | SAB801 |
| 0750 | DN4 | 1/8 | -2 | 4.0 | 8.0 | 420 | 1680 | 0.157 | 0.315 | 6000 | 24000 | 4:1 | 25 | 0.98 | 45 | 0.030 | SAB101 | SAB801 |
| 089C | DN4 | 5/32 | - | 4.0 | 8.0 | 630 | 1900 | 0.157 | 0.315 | 9100 | 27300 | 3:1 | 40 | 1.57 | 45 | 0.030 | SAYIM1 | |
| 0920 | DN4 | 1/8 | -2 | 4.0 | 7.1 | 175 | 700 | 0.157 | 0.280 | 2500 | 10000 | 4:1 | 20 | 0.79 | 31 | 0.021 | SAB101 | SAB801 |
| 0950 | DN4 | 1/8 | -2 | 4.0 | 8.3 | 210 | 840 | 0.157 | 0.327 | 3000 | 12000 | 4:1 | 25 | 0.98 | 48 | 0.032 | SAB101 | SAB801 |
| 130A | DN4 | 5/32 | - | 4.0 | 9.7 | 400 | 1000 | 0.157 | 0.382 | 5800 | 14500 | 2.5:1 | 35 | 1.38 | 68 | 0.046 | SAA101 | SAA801 |
| 130C | DN4 | 5/32 | - | 4.0 | 8.3 | 400 | 1000 | 0.157 | 0.327 | 5800 | 14500 | 2.5:1 | 25 | 0.98 | 52 | 0.035 | SAB101 | SAB801 |
| 1660 | DN4 | 1/8 | -2 | 4.0 | 8.3 | 210 | 840 | 0.157 | 0.327 | 3000 | 12000 | 4:1 | 25 | 0.98 | 52 | 0.035 | SAB101 | SAB801 |
| 1750 | DN4 | 1/8 | -2 | 4.0 | 8.0 | 420 | 1680 | 0.157 | 0.315 | 6000 | 24000 | 4:1 | 25 | 0.98 | 95 | 0.064 | SAB101 | SAB801 |
| 2020 | DN4 | 5/32 | - | 4.1 | 8.2 | 1050 | 2625 | 0.161 | 0.323 | 15000 | 37500 | 2.5:1 | 70 | 2.76 | 105 | 0.070 | HAA101 | HAA801 |
| 2030 | DN4 | 5/32 | - | 4.0 | 10.3 | 1400 | 3500 | 0.157 | 0.406 | 20000 | 50000 | 2.5:1 | 60 | 2.36 | 181 | 0.121 | HAB101 | HAB801 |
| 2040 | DN4 | 5/32 | - | 4.0 | 9.9 | 2050 | 5125 | 0.157 | 0.390 | 30000 | 75000 | 2.5:1 | 120 | 4.72 | 206 | 0.139 | HAC101 | HAC801 |
| 2060 | DN4 | 5/32 | - | 4.0 | 11.8 | 2800 | 7000 | 0.157 | 0.465 | 40000 | 100000 | 2.5:1 | 170 | 6.69 | 332 | 0.223 | HAE101 | |
| 2120 | DN4 | 5/32 | - | 3.9 | 8.0 | 1400 | 3500 | 0.154 | 0.315 | 20000 | 50000 | 2.5:1 | 75 | 2.95 | 109 | 0.073 | HAJ101 | HAJ801 |
| 2140 | DN4 | 5/32 | - | 4.0 | 9.9 | 2200 | 5500 | 0.157 | 0.390 | 31900 | 79750 | 2.5:1 | 120 | 4.72 | 206 | 0.139 | HAC101 | HAC801 |
| 0201 | DN5 | 3/16 | -3 | 5.0 | 9.1 | 210 | 840 | 0.197 | 0.358 | 3000 | 12000 | 4:1 | 25 | 0.98 | 50 | 0.034 | SAB111 | SAB811 |
| 0211 | DN5 | 3/16 | -3 | 5.0 | 9.1 | 210 | 840 | 0.197 | 0.358 | 3000 | 12000 | 4:1 | 25 | 0.98 | 100 | 0.067 | SAB111 | SAB811 |
| 0221 | DN5 | 3/16 | -3 | 5.0 | 9.1 | 210 | 840 | 0.197 | 0.358 | 3000 | 12000 | 4:1 | 25 | 0.98 | 53 | 0.036 | SAB111 | SAB811 |
| 0301 | DN5 | 3/16 | -3 | 4.9 | 7.8 | 205 | 820 | 0.193 | 0.307 | 2900 | 11600 | 4:1 | 35 | 1.38 | 83 | 0.056 | SAG111 | |
| 0351 | DN5 | 3/16 | -3 | 5.0 | 9.6 | 250 | 1000 | 0.197 | 0.378 | 3600 | 14400 | 4:1 | 25 | 0.98 | 60 | 0.040 | SAB111 | SAB811 |
| 0361 | DN5 | 3/16 | -3 | 5.0 | 9.6 | 250 | 1000 | 0.197 | 0.378 | 3600 | 14400 | 4:1 | 25 | 0.98 | 120 | 0.081 | SAB111 | SAB811 |
| 0371 | DN5 | 3/16 | -3 | 5 | 9.6 | 250 | 1000 | 0.197 | 0.378 | 3600 | 14400 | 4:1 | 25 | 0.98 | 61 | 0.041 | SAB111 | SAB811 |
| 0461 | DN5 | 3/16 | -3 | 5.0 | 11.0 | 700 | 2800 | 0.197 | 0.433 | 10000 | 40000 | 4:1 | 30 | 1.18 | 88 | 0.059 | SAFI11 | SAF811 |
| 0501 | DN5 | 3/16 | -3 | 5.0 | 9.7 | 300 | 1200 | 0.197 | 0.382 | 4300 | 17200 | 4:1 | 30 | 1.18 | 128 | 0.086 | SAB111 | SAB811 |
| 0521 | DN5 | 3/16 | -3 | 5.0 | 9.6 | 210 | 840 | 0.197 | 0.378 | 3000 | 12000 | 4:1 | 25 | 0.98 | 59 | 0.040 | SAB111 | SAB811 |
| 0531 | DN5 | 3/16 | -3 | 5.0 | 9.6 | 210 | 840 | 0.197 | 0.378 | 3000 | 12000 | 4:1 | 25 | 0.98 | 63 | 0.042 | SAB111 | SAB811 |
| 0541 | DN5 | 3/16 | -3 | 5.0 | 8.9 | 350 | 1400 | 0.197 | 0.350 | 5000 | 20000 | 4:1 | 30 | 1.18 | 51 | 0.034 | SAB111 | SAB811 |
| 0551 | DN5 | 3/16 | -3 | 5.0 | 8.9 | 350 | 1400 | 0.197 | 0.350 | 5000 | 20000 | 4:1 | 30 | 1.18 | 52 | 0.035 | SAB111 | SAB811 |
| 0561 | DN5 | 3/16 | -3 | 5.0 | 9.7 | 360 | 1440 | 0.197 | 0.382 | 5200 | 20800 | 4:1 | 30 | 1.18 | 128 | 0.086 | SAB111 | SAB811 |
| 0581 | DN5 | 3/16 | -3 | 5.0 | 9.7 | 360 | 1440 | 0.197 | 0.382 | 5200 | 20800 | 4:1 | 30 | 1.18 | 126 | 0.085 | SAB111 | SAB811 |
| 0601 | DN5 | 3/16 | -3 | 5.0 | 9.6 | 350 | 1400 | 0.197 | 0.378 | 5000 | 20000 | 4:1 | 30 | 1.18 | 59 | 0.040 | SAFI11 | SAF811 |
| 0621 | DN5 | 3/16 | -3 | 5.0 | 9.6 | 210 | 840 | 0.197 | 0.378 | 3000 | 12000 | 4:1 | 25 | 0.98 | 59 | 0.040 | SAB111 | SAB811 |
| 0631 | DN5 | 3/16 | -3 | 5.0 | 9.6 | 210 | 840 | 0.197 | 0.378 | 3000 | 12000 | 4:1 | 25 | 0.98 | 125 | 0.084 | SAB111 | SAB811 |
| 0661 | DN5 | 3/16 | -3 | 5.0 | 9.6 | 210 | 840 | 0.197 | 0.378 | 3000 | 12000 | 4:1 | 25 | 0.98 | 60 | 0.040 | SAB111 | SAB811 |
| 0751 | DN5 | 3/16 | -3 | 5.0 | 8.9 | 350 | 1400 | 0.197 | 0.350 | 5000 | 20000 | 4:1 | 30 | 1.18 | 52 | 0.035 | SAB111 | SAB811 |
| 0761 | DN5 | 3/16 | -3 | 5.0 | 9.6 | 350 | 1400 | 0.197 | 0.378 | 5000 | 20000 | 4:1 | 30 | 1.18 | 65 | 0.044 | SAB111 | SAB811 |
| 0831 | DN5 | 3/16 | -3 | 5.0 | 9.7 | 360 | 1440 | 0.197 | 0.382 | 5200 | 20800 | 4:1 | 30 | 1.18 | 123 | 0.083 | SAB111 | SAB811 |
| 0831BP | DN5 | 3/16 | -3 | 5.0 | 9.7 | 360 | 1440 | 0.197 | 0.382 | 5200 | 20800 | 4:1 | 30 | 1.18 | 123 | 0.083 | SAB111 | SAB811 |
| 0841 | DN5 | 3/16 | -3 | 5.0 | 9.7 | 360 | 1440 | 0.197 | 0.382 | 5200 | 20800 | 4:1 | 30 | 1.18 | 121 | 0.081 | SAB111 | SAB811 |
| 0871 | DN5 | 3/16 | -3 | 5.0 | 9.7 | 360 | 1440 | 0.197 | 0.382 | 5200 | 20800 | 4:1 | 30 | 1.18 | 128 | 0.086 | SAB111 | SAB811 |
| 0881 | DN5 | 3/16 | -3 | 5.0 | 9.7 | 360 | 1440 | 0.197 | 0.382 | 5200 | 20800 | 4:1 | 30 | 1.18 | 261 | 0.175 | SAB111 | SAB811 |
| 0921 | DN5 | 3/16 | -3 | 5.0 | 8.5 | 150 | 600 | 0.197 | 0.335 | 2100 | 8400 | 4:1 | 25 | 0.98 | 43 | 0.029 | SAI111 | SAI811 |

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|------|-----|------|----|-----|------|------|------|-------|-------|-----------|------------|-------|-----|------|-----|-------|--------|--------|
| 0951 | DN5 | 3/16 | -3 | 5.0 | 9.6 | 210 | 840 | 0.197 | 0.378 | 3000 | 12000 | 4:1 | 25 | 0.98 | 63 | 0.042 | SAB111 | SAB811 |
| 0971 | DN5 | 3/16 | -3 | 5.0 | 10.4 | 210 | 840 | 0.197 | 0.409 | 3000 | 12000 | 4:1 | 25 | 0.98 | 76 | 0.051 | SAB111 | SAB811 |
| 0981 | DN5 | 3/16 | -3 | 5.0 | 9.6 | 210 | 840 | 0.197 | 0.378 | 3000 | 12000 | 4:1 | 25 | 0.98 | 58 | 0.039 | SAB111 | SAB811 |
| 1171 | DN5 | 3/16 | -3 | 5.0 | 8.5 | 175 | 440 | 0.197 | 0.335 | 2500 | 6250 | 2.5:1 | 25 | 0.98 | 43 | 0.029 | SA1111 | SA1811 |
| 1191 | DN5 | 3/16 | -3 | 5.0 | 10.4 | 280 | 840 | 0.197 | 0.409 | 4000 | 12000 | 3:1 | 25 | 0.98 | 74 | 0.050 | SAB111 | SAB811 |
| 1201 | DN5 | 3/16 | -3 | 5.0 | 9.6 | 420 | 1680 | 0.197 | 0.378 | 6000 | 24000 | 4:1 | 30 | 1.18 | 61 | 0.041 | SAB111 | SAB811 |
| 1251 | DN5 | 3/16 | -3 | 5.0 | 9.6 | 210 | 840 | 0.197 | 0.378 | 3000 | 12000 | 4:1 | 25 | 0.98 | 60 | 0.040 | SAB111 | SAB811 |
| 1261 | DN5 | 3/16 | -3 | 5.0 | 8.9 | 350 | 1400 | 0.197 | 0.350 | 5000 | 20000 | 4:1 | 30 | 1.18 | 52 | 0.035 | SAB111 | SAB811 |
| 1271 | DN5 | 3/16 | -3 | 5.0 | 8.9 | 350 | 1400 | 0.197 | 0.350 | 5000 | 20000 | 4:1 | 30 | 1.18 | 49 | 0.033 | SAB111 | SAB811 |
| 1351 | DN5 | 3/16 | -3 | 5.0 | 9.6 | 210 | 840 | 0.197 | 0.378 | 3000 | 12000 | 4:1 | 25 | 0.98 | 125 | 0.084 | SAB111 | SAB811 |
| 1421 | DN5 | 3/16 | -3 | 5.0 | 9.1 | 210 | 840 | 0.197 | 0.358 | 3000 | 12000 | 4:1 | 25 | 0.98 | 50 | 0.034 | SAB111 | SAB811 |
| 1431 | DN5 | 3/16 | -3 | 5.0 | 9.1 | 210 | 840 | 0.197 | 0.358 | 3000 | 12000 | 4:1 | 25 | 0.98 | 100 | 0.067 | SAB111 | SAB811 |
| 1471 | DN5 | 3/16 | -3 | 5.0 | 9.6 | 250 | 1000 | 0.197 | 0.378 | 3600 | 14400 | 4:1 | 25 | 0.98 | 60 | 0.040 | SAB111 | SAB811 |
| 1481 | DN5 | 3/16 | -3 | 5.0 | 9.6 | 250 | 1000 | 0.197 | 0.378 | 3600 | 14400 | 4:1 | 25 | 0.98 | 120 | 0.081 | SAB111 | SAB811 |
| 1531 | DN5 | 3/16 | -3 | 5.0 | 9.6 | 250 | 1000 | 0.197 | 0.378 | 3600 | 14400 | 4:1 | 25 | 0.98 | 60 | 0.040 | SAB111 | SAB811 |
| 1541 | DN5 | 3/16 | -3 | 5.0 | 9.7 | 350 | 1400 | 0.197 | 0.382 | 5000 | 20000 | 4:1 | 30 | 1.18 | 128 | 0.086 | SAB111 | SAB811 |
| 1551 | DN5 | 3/16 | -3 | 5.0 | 9.6 | 210 | 840 | 0.197 | 0.378 | 3000 | 12000 | 4:1 | 25 | 0.98 | 60 | 0.040 | SAB111 | SAB811 |
| 1561 | DN5 | 3/16 | -3 | 5.0 | 9.6 | 250 | 1000 | 0.197 | 0.378 | 3600 | 14400 | 4:1 | 25 | 0.98 | 60 | 0.040 | SAB111 | SAB811 |
| 1571 | DN5 | 3/16 | -3 | 5.0 | 9.6 | 250 | 1000 | 0.197 | 0.378 | 3600 | 14400 | 4:1 | 25 | 0.98 | 57 | 0.038 | SAB111 | SAB811 |
| 1581 | DN5 | 3/16 | -3 | 5.0 | 8.9 | 350 | 1400 | 0.197 | 0.350 | 5000 | 20000 | 4:1 | 30 | 1.18 | 49 | 0.033 | SAB111 | SAB811 |
| 1631 | DN5 | 3/16 | -3 | 5.0 | 9.6 | 250 | 1000 | 0.197 | 0.378 | 3600 | 14400 | 4:1 | 25 | 0.98 | 125 | 0.084 | SAB111 | SAB811 |
| 1661 | DN5 | 3/16 | -3 | 5.0 | 9.6 | 210 | 840 | 0.197 | 0.378 | 3000 | 12000 | 4:1 | 25 | 0.98 | 60 | 0.040 | SAB111 | SAB811 |
| 1751 | DN5 | 3/16 | -3 | 5.0 | 8.9 | 350 | 1400 | 0.197 | 0.350 | 5000 | 20000 | 4:1 | 30 | 1.18 | 109 | 0.073 | SAB111 | SAB811 |
| 1841 | DN5 | 3/16 | -3 | 5.0 | 9.7 | 30 | 150 | 0.197 | 0.382 | 400 | 2000 | 5:1 | 25 | 0.98 | 60 | 0.040 | SAB111 | SAB811 |
| 1951 | DN5 | 3/16 | -3 | 5.0 | 9.6 | 210 | 840 | 0.197 | 0.378 | 3000 | 12000 | 4:1 | 25 | 0.98 | 60 | 0.040 | SAB111 | SAB811 |
| 2021 | DN5 | 3/16 | -3 | 5.2 | 9.9 | 1050 | 2625 | 0.205 | 0.390 | 15000 | 37500 | 2.5:1 | 90 | 3.54 | 152 | 0.102 | HAA111 | HAA811 |
| 2041 | DN5 | 3/16 | -3 | 5.1 | 11.8 | 1800 | 4500 | 0.201 | 0.465 | 26100 | 65250 | 2.5:1 | 140 | 5.51 | 279 | 0.188 | HAC111 | HAC811 |
| 2061 | DN5 | 3/16 | -3 | 4.8 | 13.2 | 2500 | 6250 | 0.189 | 0.520 | 36200 | 90500 | 2.5:1 | 190 | 7.48 | 450 | 0.302 | HAF111 | |
| 2081 | DN5 | 3/16 | -3 | 4.7 | 16.0 | 3800 | 7600 | 0.185 | 0.630 | 55000 | 123026 | 2:1 | 230 | 9.06 | 783 | 0.526 | HAI111 | |
| 2121 | DN5 | 3/16 | -3 | 4.8 | 9.3 | 1400 | 3500 | 0.189 | 0.366 | 2000 0 | 50000 | 2.5:1 | 95 | 3.74 | 140 | 0.094 | HAJ111 | |
| 2161 | DN5 | 3/16 | -3 | 4.8 | 13.2 | 2800 | 7000 | 0.189 | 0.520 | 4000 0 | 10000 0 | 2.5:1 | 210 | 8.27 | 450 | 0.302 | HAF111 | |
| 2241 | DN5 | 3/16 | -3 | 5.1 | 11.6 | 1500 | 4500 | 0.201 | 0.457 | 21700 | 65100 | 3:1 | 250 | 9.84 | 281 | 0.189 | HAC111 | HAC811 |
| 2261 | DN5 | 3/16 | -3 | 4.8 | 13.2 | 3050 | 7000 | 0.189 | 0.520 | 4420 0 | 101600 | 2.3:1 | 210 | 8.27 | 450 | 0.302 | HAF111 | |
| 2341 | DN5 | 3/16 | -3 | 5.1 | 11.6 | 1100 | 4400 | 0.201 | 0.457 | 15900 | 63600 | 4:1 | 250 | 9.84 | 281 | 0.189 | | HAL811 |
| 2441 | DN5 | 3/16 | -3 | 4.9 | 11.6 | 1800 | 4500 | 0.193 | 0.457 | 26100 | 62200 | 2.5:1 | 130 | 5.12 | 266 | 0.179 | HAC111 | HAC811 |
| 0202 | DN6 | 1/4 | -4 | 6.5 | 11.8 | 210 | 840 | 0.256 | 0.465 | 3000 | 12000 | 4:1 | 35 | 1.38 | 90 | 0.060 | SAB121 | SAB821 |
| 0212 | DN6 | 1/4 | -4 | 6.5 | 11.8 | 210 | 840 | 0.256 | 0.465 | 3000 | 12000 | 4:1 | 35 | 1.38 | 180 | 0.121 | SAB121 | SAB821 |
| 0222 | DN6 | 1/4 | -4 | 6.5 | 11.8 | 210 | 840 | 0.256 | 0.465 | 3000 | 12000 | 4:1 | 35 | 1.38 | 88 | 0.059 | SAB121 | SAB821 |
| 0232 | DN6 | 1/4 | -4 | 6.5 | 11.8 | 210 | 840 | 0.256 | 0.465 | 3000 | 12000 | 4:1 | 35 | 1.38 | 90 | 0.060 | SAB121 | SAB821 |
| 0302 | DN6 | 1/4 | -4 | 6.5 | 9.2 | 180 | 720 | 0.256 | 0.362 | 2600 | 10400 | 4:1 | 45 | 1.77 | 89 | 0.060 | SAG121 | |
| 0352 | DN6 | 1/4 | -4 | 6.5 | 13.0 | 250 | 1000 | 0.256 | 0.512 | 3600 | 14400 | 4:1 | 35 | 1.38 | 110 | 0.074 | SAB121 | SAB821 |
| 0362 | DN6 | 1/4 | -4 | 6.5 | 13.0 | 250 | 1000 | 0.256 | 0.512 | 3600 | 14400 | 4:1 | 35 | 1.38 | 220 | 0.148 | SAB121 | SAB821 |
| 0372 | DN6 | 1/4 | -4 | 6.5 | 13.0 | 250 | 1000 | 0.256 | 0.512 | 3600 | 14400 | 4:1 | 35 | 1.38 | 119 | 0.080 | SAB121 | SAB821 |
| 0402 | DN6 | 1/4 | -4 | 6.6 | 12.8 | 700 | 2800 | 0.260 | 0.504 | 10000 | 40000 | 4:1 | 35 | 1.38 | 194 | 0.130 | SAF121 | SAF821 |
| 0412 | DN6 | 1/4 | -4 | 6.6 | 12.8 | 700 | 2800 | 0.260 | 0.504 | 10000 | 40000 | 4:1 | 35 | 1.38 | 194 | 0.130 | SAF121 | SAF821 |
| 0462 | DN6 | 1/4 | -4 | 6.6 | 14.2 | 700 | 2800 | 0.260 | 0.559 | 10000 | 40000 | 4:1 | 35 | 1.38 | 140 | 0.094 | SAF121 | SAF821 |
| 0482 | DN6 | 1/4 | -4 | 6.6 | 12.8 | 700 | 2800 | 0.260 | 0.504 | 10000 | 40000 | 4:1 | 35 | 1.38 | 177 | 0.119 | SAF121 | SAF821 |
| 0502 | DN6 | 1/4 | -4 | 6.5 | 11.7 | 275 | 1100 | 0.256 | 0.461 | 3900 | 15600 | 4:1 | 40 | 1.57 | 164 | 0.110 | SAB121 | SAB821 |
| 0522 | DN6 | 1/4 | -4 | 6.5 | 12.2 | 210 | 840 | 0.256 | 0.480 | 3000 | 12000 | 4:1 | 35 | 1.38 | 97 | 0.065 | SAB121 | SAB821 |
| 0532 | DN6 | 1/4 | -4 | 6.5 | 12.2 | 210 | 840 | 0.256 | 0.480 | 3000 | 12000 | 4:1 | 35 | 1.38 | 97 | 0.065 | SAB121 | SAB821 |
| 0542 | DN6 | 1/4 | -4 | 6.5 | 11.5 | 350 | 1400 | 0.256 | 0.453 | 5000 | 20000 | 4:1 | 50 | 1.97 | 82 | 0.055 | SAB121 | SAB821 |

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|--------|-----|-----|----|-----|------|-----|------|-------|-------|-------|-------|-------|-----|------|-----|-------|--------|--------|
| 0552 | DN6 | 1/4 | -4 | 6.5 | 11.5 | 350 | 1400 | 0.256 | 0.453 | 5000 | 20000 | 4:1 | 50 | 1.97 | 84 | 0.056 | SAB121 | SAB821 |
| 0562 | DN6 | 1/4 | -4 | 6.5 | 11.7 | 310 | 1240 | 0.256 | 0.461 | 4500 | 18000 | 4:1 | 40 | 1.57 | 164 | 0.110 | SAB121 | SAB821 |
| 0582 | DN6 | 1/4 | -4 | 6.5 | 11.7 | 310 | 1240 | 0.256 | 0.461 | 4500 | 18000 | 4:1 | 40 | 1.57 | 164 | 0.110 | SAB121 | SAB821 |
| 0602 | DN6 | 1/4 | -4 | 6.5 | 12.1 | 350 | 1400 | 0.256 | 0.476 | 5000 | 20000 | 4:1 | 50 | 1.97 | 89 | 0.060 | SAF121 | SAF821 |
| 0622 | DN6 | 1/4 | -4 | 6.5 | 12.2 | 210 | 840 | 0.256 | 0.480 | 3000 | 12000 | 4:1 | 35 | 1.38 | 96 | 0.065 | SAB121 | SAB821 |
| 0632 | DN6 | 1/4 | -4 | 6.5 | 12.2 | 210 | 840 | 0.256 | 0.480 | 3000 | 12000 | 4:1 | 35 | 1.38 | 201 | 0.135 | SAB121 | SAB821 |
| 0662 | DN6 | 1/4 | -4 | 6.5 | 12.2 | 210 | 840 | 0.256 | 0.480 | 3000 | 12000 | 4:1 | 35 | 1.38 | 98 | 0.066 | SAB121 | SAB821 |
| 0752 | DN6 | 1/4 | -4 | 6.5 | 11.5 | 350 | 1400 | 0.256 | 0.453 | 5000 | 20000 | 4:1 | 50 | 1.97 | 84 | 0.056 | SAB121 | SAB821 |
| 0762 | DN6 | 1/4 | -4 | 6.5 | 12.1 | 350 | 1400 | 0.256 | 0.476 | 5000 | 20000 | 4:1 | 50 | 1.97 | 98 | 0.066 | SAB121 | SAB821 |
| 07B2 | DN6 | 1/4 | -4 | 6.5 | 11.9 | 280 | 1120 | 0.256 | 0.469 | 4000 | 16000 | 4:1 | 40 | 1.57 | 161 | 0.108 | SAC121 | SAC821 |
| 0802 | DN6 | 1/4 | -4 | 6.6 | 14.6 | 800 | 3200 | 0.260 | 0.575 | 11500 | 46000 | 4:1 | 35 | 1.38 | 241 | 0.162 | SAF121 | SAF821 |
| 0812 | DN6 | 1/4 | -4 | 6.4 | 12.8 | 425 | 1700 | 0.252 | 0.504 | 6100 | 24400 | 4:1 | 40 | 1.57 | 242 | 0.163 | SAC121 | SAC821 |
| 0822 | DN6 | 1/4 | -4 | 6.4 | 12.8 | 400 | 1600 | 0.252 | 0.504 | 5800 | 23200 | 4:1 | 40 | 1.57 | 501 | 0.337 | SAC121 | SAC821 |
| 0832 | DN6 | 1/4 | -4 | 6.5 | 11.7 | 310 | 1240 | 0.256 | 0.461 | 4500 | 18000 | 4:1 | 40 | 1.57 | 155 | 0.104 | SAB121 | SAB821 |
| 0832BP | DN6 | 1/4 | -4 | 6.5 | 11.7 | 310 | 1240 | 0.256 | 0.461 | 4500 | 18000 | 4:1 | 40 | 1.57 | 155 | 0.104 | SAB121 | SAB821 |
| 0842 | DN6 | 1/4 | -4 | 6.5 | 11.7 | 310 | 1240 | 0.256 | 0.461 | 4500 | 18000 | 4:1 | 40 | 1.57 | 156 | 0.105 | SAB121 | SAB821 |
| 0852 | DN6 | 1/4 | -4 | 6.4 | 12.8 | 400 | 1600 | 0.252 | 0.504 | 5800 | 23200 | 4:1 | 40 | 1.57 | 248 | 0.167 | SAC121 | SAC821 |
| 0872 | DN6 | 1/4 | -4 | 6.5 | 11.7 | 310 | 1240 | 0.256 | 0.461 | 4500 | 18000 | 4:1 | 40 | 1.57 | 164 | 0.110 | SAB121 | SAB821 |
| 0882 | DN6 | 1/4 | -4 | 6.5 | 11.7 | 310 | 1240 | 0.256 | 0.461 | 4500 | 18000 | 4:1 | 40 | 1.57 | 333 | 0.224 | SAB121 | SAB821 |
| 0922 | DN6 | 1/4 | -4 | 6.5 | 10.6 | 140 | 560 | 0.256 | 0.417 | 2000 | 8000 | 4:1 | 40 | 1.57 | 61 | 0.041 | SA1121 | SA1821 |
| 0952 | DN6 | 1/4 | -4 | 6.5 | 12.2 | 210 | 840 | 0.256 | 0.480 | 3000 | 12000 | 4:1 | 35 | 1.38 | 97 | 0.065 | SAB121 | SAB821 |
| 0972 | DN6 | 1/4 | -4 | 6.5 | 12.9 | 210 | 840 | 0.256 | 0.508 | 3000 | 12000 | 4:1 | 35 | 1.38 | 116 | 0.078 | SAB121 | SAB821 |
| 0982 | DN6 | 1/4 | -4 | 6.5 | 12.2 | 210 | 840 | 0.256 | 0.480 | 3000 | 12000 | 4:1 | 35 | 1.38 | 90 | 0.060 | SAB121 | SAB821 |
| 1062 | DN6 | 1/4 | -4 | 6.3 | 11.2 | 20 | 80 | 0.248 | 0.441 | 290 | 1160 | 4:1 | 30 | 1.18 | 70 | 0.047 | | |
| 1072 | DN6 | 1/4 | -4 | 6.3 | 11.2 | 20 | 80 | 0.248 | 0.441 | 290 | 1160 | 4:1 | 30 | 1.18 | 75 | 0.050 | | |
| 1082 | DN6 | 1/4 | -4 | 6.5 | 11.8 | 350 | 1400 | 0.256 | 0.465 | 5000 | 20000 | 4:1 | 50 | 1.97 | 155 | 0.104 | SAC121 | SAC821 |
| 1092 | DN6 | 1/4 | -4 | 6.5 | 11.8 | 350 | 1400 | 0.256 | 0.465 | 5000 | 20000 | 4:1 | 50 | 1.97 | 155 | 0.104 | SAC121 | SAC821 |
| 1172 | DN6 | 1/4 | -4 | 6.5 | 10.6 | 175 | 440 | 0.256 | 0.417 | 2500 | 6250 | 2.5:1 | 40 | 1.57 | 61 | 0.041 | SA1121 | SA1821 |
| 1192 | DN6 | 1/4 | -4 | 6.5 | 12.9 | 280 | 840 | 0.256 | 0.508 | 4000 | 12000 | 3:1 | 35 | 1.38 | 113 | 0.076 | SAB121 | SAB821 |
| 1202 | DN6 | 1/4 | -4 | 6.5 | 12.1 | 420 | 1680 | 0.256 | 0.476 | 6000 | 24000 | 4:1 | 50 | 1.97 | 98 | 0.066 | SAB121 | SAB821 |
| 1252 | DN6 | 1/4 | -4 | 6.5 | 12.2 | 210 | 840 | 0.256 | 0.480 | 3000 | 12000 | 4:1 | 35 | 1.38 | 98 | 0.066 | SAB121 | SAB821 |
| 1262 | DN6 | 1/4 | -4 | 6.5 | 11.5 | 350 | 1400 | 0.256 | 0.453 | 5000 | 20000 | 4:1 | 50 | 1.97 | 84 | 0.056 | SAB121 | SAB821 |
| 1272 | DN6 | 1/4 | -4 | 6.5 | 11.5 | 350 | 1400 | 0.256 | 0.453 | 5000 | 20000 | 4:1 | 50 | 1.97 | 79 | 0.053 | SAB121 | SAB821 |
| 1332 | DN6 | 1/4 | -4 | 6.5 | 10.6 | 90 | 270 | 0.256 | 0.417 | 1300 | 3900 | 3:1 | 40 | 1.57 | 60 | 0.040 | SA1121 | SA1821 |
| 1352 | DN6 | 1/4 | -4 | 6.5 | 12.2 | 210 | 840 | 0.256 | 0.480 | 3000 | 12000 | 4:1 | 35 | 1.38 | 201 | 0.135 | SAB121 | SAB821 |
| 1382 | DN6 | 1/4 | -4 | 6.5 | 12.6 | 420 | 1680 | 0.256 | 0.496 | 6000 | 24000 | 4:1 | 50 | 1.97 | 160 | 0.108 | | SAC821 |
| 140A | DN6 | 1/4 | -4 | 6.5 | 12.2 | 210 | 840 | 0.256 | 0.480 | 3000 | 12000 | 4:1 | 35 | 1.38 | 94 | 0.063 | SAB121 | SAB821 |
| 140B | DN6 | 1/4 | -4 | 6.5 | 11.7 | 300 | 1200 | 0.256 | 0.461 | 4300 | 17200 | 4:1 | 40 | 1.57 | 157 | 0.105 | SAB121 | SAB821 |
| 140C | DN6 | 1/4 | -4 | 6.5 | 11.5 | 350 | 1400 | 0.256 | 0.453 | 5000 | 20000 | 4:1 | 50 | 1.97 | 85 | 0.057 | SAB121 | SAB821 |
| 1412 | DN6 | 1/4 | -4 | 6.6 | 12.8 | 700 | 2800 | 0.260 | 0.504 | 10000 | 40000 | 4:1 | 35 | 1.38 | 367 | 0.247 | SAF121 | SAF821 |
| 1422 | DN6 | 1/4 | -4 | 6.5 | 11.8 | 210 | 840 | 0.256 | 0.465 | 3000 | 12000 | 4:1 | 35 | 1.38 | 90 | 0.060 | SAB121 | SAB821 |
| 1432 | DN6 | 1/4 | -4 | 6.5 | 11.8 | 210 | 840 | 0.256 | 0.465 | 3000 | 12000 | 4:1 | 35 | 1.38 | 180 | 0.121 | SAB121 | SAB821 |
| 1472 | DN6 | 1/4 | -4 | 6.5 | 13.0 | 250 | 1000 | 0.256 | 0.512 | 3600 | 14400 | 4:1 | 35 | 1.38 | 110 | 0.074 | SAB121 | SAB821 |
| 1482 | DN6 | 1/4 | -4 | 6.5 | 13.0 | 250 | 1000 | 0.256 | 0.512 | 3600 | 14400 | 4:1 | 35 | 1.38 | 220 | 0.148 | SAB121 | SAB821 |
| 1492 | DN6 | 1/4 | -4 | 6.6 | 13.4 | 500 | 2000 | 0.260 | 0.528 | 7000 | 28000 | 4:1 | 100 | 3.94 | 197 | 0.132 | | SAH821 |
| 1502 | DN6 | 1/4 | -4 | 6.5 | 12.6 | 500 | 2000 | 0.256 | 0.496 | 7200 | 28800 | 4:1 | 40 | 1.57 | 179 | 0.120 | SAC121 | SAC821 |
| 1532 | DN6 | 1/4 | -4 | 6.5 | 13.0 | 250 | 1000 | 0.256 | 0.512 | 3600 | 14400 | 4:1 | 35 | 1.38 | 114 | 0.077 | SAB121 | SAB821 |
| 1542 | DN6 | 1/4 | -4 | 6.4 | 12.8 | 350 | 1400 | 0.252 | 0.504 | 5000 | 20000 | 4:1 | 40 | 1.57 | 247 | 0.166 | SAC121 | SAC821 |
| 1552 | DN6 | 1/4 | -4 | 6.5 | 12.2 | 210 | 840 | 0.256 | 0.480 | 3000 | 12000 | 4:1 | 35 | 1.38 | 98 | 0.066 | SAB121 | SAB821 |
| 1562 | DN6 | 1/4 | -4 | 6.5 | 13.0 | 250 | 1000 | 0.256 | 0.512 | 3600 | 14400 | 4:1 | 35 | 1.38 | 114 | 0.077 | SAB121 | SAB821 |
| 1572 | DN6 | 1/4 | -4 | 6.5 | 13.0 | 250 | 1000 | 0.256 | 0.512 | 3600 | 14400 | 4:1 | 35 | 1.38 | 108 | 0.073 | SAB121 | SAB821 |
| 1582 | DN6 | 1/4 | -4 | 6.5 | 11.5 | 350 | 1400 | 0.256 | 0.453 | 5000 | 20000 | 4:1 | 50 | 1.97 | 78 | 0.052 | SAB121 | SAB821 |

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|-------|-----|------|----|-----|------|------|------|-------|-------|-----------|------------|-------|-----|------|-----|-------|--------|--------|
| 15R2 | DN6 | 1/4 | -4 | 6.5 | 13.7 | 350 | 1400 | 0.256 | 0.539 | 5000 | 20000 | 4:1 | 50 | 1.97 | 126 | 0.085 | SAF121 | SAF821 |
| 1632 | DN6 | 1/4 | -4 | 6.5 | 13.0 | 250 | 1000 | 0.256 | 0.512 | 3600 | 14400 | 4:1 | 35 | 1.38 | 233 | 0.157 | SAB121 | SAB821 |
| 1662 | DN6 | 1/4 | -4 | 6.5 | 12.2 | 210 | 840 | 0.256 | 0.480 | 3000 | 12000 | 4:1 | 35 | 1.38 | 98 | 0.066 | SAB121 | SAB821 |
| 1692 | DN6 | 1/4 | -4 | 6.5 | 14.0 | 700 | 2800 | 0.256 | 0.551 | 10000 | 40000 | 4:1 | 35 | 1.38 | 134 | 0.090 | SAF121 | SAF821 |
| 1752 | DN6 | 1/4 | -4 | 6.5 | 11.5 | 350 | 1400 | 0.256 | 0.453 | 5000 | 20000 | 4:1 | 50 | 1.97 | 173 | 0.116 | SAB121 | SAB821 |
| 1812 | DN6 | 1/4 | -4 | 6.4 | 12.8 | 425 | 1700 | 0.252 | 0.504 | 6100 | 24400 | 4:1 | 40 | 1.57 | 250 | 0.168 | SAC121 | SAC821 |
| 1842 | DN6 | 1/4 | -4 | 6.5 | 12.0 | 30 | 150 | 0.256 | 0.472 | 400 | 2000 | 5:1 | 35 | 1.38 | 89 | 0.060 | SAB121 | SAB821 |
| 1852 | DN6 | 1/4 | -4 | 6.6 | 13.6 | 700 | 2800 | 0.260 | 0.535 | 10000 | 40000 | 4:1 | 150 | 5.91 | 190 | 0.128 | | SAH821 |
| 1862 | DN6 | 1/4 | -4 | 6.6 | 13.3 | 1040 | 4160 | 0.260 | 0.524 | 15000 | 60000 | 4:1 | 150 | 5.91 | 355 | 0.239 | | SAQ821 |
| 1952 | DN6 | 1/4 | -4 | 6.5 | 12.2 | 210 | 840 | 0.256 | 0.480 | 3000 | 12000 | 4:1 | 35 | 1.38 | 98 | 0.066 | SAB121 | SAB821 |
| 2022 | DN6 | 1/4 | -4 | 6.4 | 11.5 | 1050 | 2625 | 0.252 | 0.453 | 15000 | 37500 | 2.5:1 | 110 | 4.33 | 207 | 0.139 | HAA121 | HAA821 |
| 2032 | DN6 | 1/4 | -4 | 6.2 | 13.2 | 1400 | 3500 | 0.244 | 0.520 | 2000 0 | 50000 | 2.5:1 | 90 | 3.54 | 243 | 0.163 | HAB121 | HAB821 |
| 2042 | DN6 | 1/4 | -4 | 6.2 | 13.3 | 2050 | 5125 | 0.244 | 0.524 | 3000 0 | 75000 | 2.5:1 | 170 | 6.69 | 407 | 0.273 | HAC121 | HAC821 |
| 2162 | DN6 | 1/4 | -4 | 6.3 | 16.5 | 2800 | 7000 | 0.248 | 0.650 | 4000 0 | 10000 0 | 2.5:1 | 250 | 9.84 | 763 | 0.513 | HAF121 | |
| A1208 | DN6 | 1/4 | -4 | 6.4 | 12.8 | 700 | 1600 | 0.252 | 0.504 | 10000 | 23000 | 2:1 | 40 | 1.57 | 245 | 0.165 | SAC121 | SAC821 |
| 0203 | DN8 | 5/16 | -5 | 8.1 | 14.3 | 210 | 840 | 0.319 | 0.563 | 3000 | 12000 | 4:1 | 45 | 1.77 | 130 | 0.087 | SAB131 | SAB831 |
| 0213 | DN8 | 5/16 | -5 | 8.1 | 14.3 | 210 | 840 | 0.319 | 0.563 | 3000 | 12000 | 4:1 | 45 | 1.77 | 260 | 0.175 | SAB131 | SAB831 |
| 0223 | DN8 | 5/16 | -5 | 8.1 | 14.3 | 210 | 840 | 0.319 | 0.563 | 3000 | 12000 | 4:1 | 45 | 1.77 | 127 | 0.085 | SAB131 | SAB831 |
| 0303 | DN8 | 5/16 | -5 | 8.0 | 11.0 | 170 | 680 | 0.315 | 0.433 | 2400 | 9600 | 4:1 | 50 | 1.97 | 110 | 0.074 | SAG131 | |
| 0353 | DN8 | 5/16 | -5 | 8.1 | 15.2 | 250 | 1000 | 0.319 | 0.598 | 3600 | 14400 | 4:1 | 45 | 1.77 | 140 | 0.094 | SAB131 | SAB831 |
| 0363 | DN8 | 5/16 | -5 | 8.1 | 15.2 | 250 | 1000 | 0.319 | 0.598 | 3600 | 14400 | 4:1 | 45 | 1.77 | 280 | 0.188 | SAB131 | SAB831 |
| 0373 | DN8 | 5/16 | -5 | 8.1 | 15.2 | 250 | 1000 | 0.319 | 0.598 | 3600 | 14400 | 4:1 | 45 | 1.77 | 147 | 0.099 | SAB131 | SAB831 |
| 0483 | DN8 | 5/16 | -5 | 8.1 | 16.4 | 700 | 2800 | 0.319 | 0.646 | 10000 | 40000 | 4:1 | 60 | 2.36 | 278 | 0.187 | SAF131 | SAF831 |
| 0503 | DN8 | 5/16 | -5 | 8.1 | 13.2 | 212 | 850 | 0.319 | 0.520 | 3000 | 12000 | 4:1 | 55 | 2.17 | 198 | 0.133 | SAB131 | SAB831 |
| 0523 | DN8 | 5/16 | -5 | 8.1 | 14.3 | 190 | 760 | 0.319 | 0.563 | 2700 | 10800 | 4:1 | 45 | 1.77 | 128 | 0.086 | SAB131 | SAB831 |
| 0533 | DN8 | 5/16 | -5 | 8.1 | 14.3 | 190 | 760 | 0.319 | 0.563 | 2700 | 10800 | 4:1 | 45 | 1.77 | 127 | 0.085 | SAB131 | SAB831 |
| 0543 | DN8 | 5/16 | -5 | 8.1 | 13.4 | 300 | 1200 | 0.319 | 0.528 | 4300 | 17200 | 4:1 | 55 | 2.17 | 102 | 0.069 | SAB131 | SAB831 |
| 0553 | DN8 | 5/16 | -5 | 8.1 | 13.4 | 300 | 1200 | 0.319 | 0.528 | 4300 | 17200 | 4:1 | 55 | 2.17 | 106 | 0.071 | SAB131 | SAB831 |
| 0563 | DN8 | 5/16 | -5 | 8.1 | 13.2 | 250 | 1000 | 0.319 | 0.520 | 3600 | 14400 | 4:1 | 55 | 2.17 | 198 | 0.133 | SAB131 | SAB831 |
| 0583 | DN8 | 5/16 | -5 | 8.1 | 13.2 | 250 | 1000 | 0.319 | 0.520 | 3600 | 14400 | 4:1 | 55 | 2.17 | 194 | 0.130 | SAB131 | SAB831 |
| 0623 | DN8 | 5/16 | -5 | 8.1 | 14.3 | 190 | 760 | 0.319 | 0.563 | 2700 | 10800 | 4:1 | 45 | 1.77 | 126 | 0.085 | SAB131 | SAB831 |
| 0633 | DN8 | 5/16 | -5 | 8.1 | 14.3 | 190 | 760 | 0.319 | 0.563 | 2700 | 10800 | 4:1 | 45 | 1.77 | 265 | 0.178 | SAB131 | SAB831 |
| 0663 | DN8 | 5/16 | -5 | 8.1 | 14.3 | 190 | 760 | 0.319 | 0.563 | 2700 | 10800 | 4:1 | 45 | 1.77 | 130 | 0.087 | SAB131 | SAB831 |
| 0753 | DN8 | 5/16 | -5 | 8.1 | 13.4 | 300 | 1200 | 0.319 | 0.528 | 4300 | 17200 | 4:1 | 55 | 2.17 | 106 | 0.071 | SAB131 | SAB831 |
| 0763 | DN8 | 5/16 | -5 | 8.1 | 14.0 | 300 | 1200 | 0.319 | 0.551 | 4300 | 17200 | 4:1 | 55 | 2.17 | 122 | 0.082 | SAB131 | SAB831 |
| 07B3 | DN8 | 5/16 | -5 | 8.1 | 13.6 | 210 | 840 | 0.319 | 0.535 | 3000 | 12000 | 4:1 | 55 | 2.17 | 198 | 0.133 | SAB131 | SAB831 |
| 0823 | DN8 | 5/16 | -5 | 8.1 | 14.8 | 400 | 1600 | 0.319 | 0.583 | 5800 | 23200 | 4:1 | 50 | 1.97 | 629 | 0.423 | SAC131 | SAC831 |
| 0843 | DN8 | 5/16 | -5 | 8.1 | 13.2 | 250 | 1000 | 0.319 | 0.520 | 3600 | 14400 | 4:1 | 55 | 2.17 | 180 | 0.121 | SAB131 | SAB831 |
| 0853 | DN8 | 5/16 | -5 | 8.1 | 14.8 | 400 | 1600 | 0.319 | 0.583 | 5800 | 23200 | 4:1 | 50 | 1.97 | 312 | 0.210 | SAC131 | SAC831 |
| 0873 | DN8 | 5/16 | -5 | 8.1 | 13.2 | 250 | 1000 | 0.319 | 0.520 | 3600 | 14400 | 4:1 | 55 | 2.17 | 198 | 0.133 | SAB131 | SAB831 |
| 0883 | DN8 | 5/16 | -5 | 8.1 | 13.2 | 250 | 1000 | 0.319 | 0.520 | 3600 | 14400 | 4:1 | 55 | 2.17 | 401 | 0.269 | SAB131 | SAB831 |
| 0923 | DN8 | 5/16 | -5 | 8.1 | 12.5 | 120 | 480 | 0.319 | 0.492 | 1700 | 6800 | 4:1 | 45 | 1.77 | 81 | 0.054 | SAI131 | SAI831 |
| 0953 | DN8 | 5/16 | -5 | 8.1 | 14.3 | 190 | 760 | 0.319 | 0.563 | 2700 | 10800 | 4:1 | 45 | 1.77 | 127 | 0.085 | SAB131 | SAB831 |
| 1093 | DN8 | 5/16 | -5 | 8.1 | 14.3 | 350 | 1400 | 0.319 | 0.563 | 5000 | 20000 | 4:1 | 50 | 1.97 | 200 | 0.134 | SAC131 | SAC831 |
| 1253 | DN8 | 5/16 | -5 | 8.1 | 14.3 | 210 | 840 | 0.319 | 0.563 | 3000 | 12000 | 4:1 | 45 | 1.77 | 129 | 0.087 | SAB131 | SAB831 |
| 1263 | DN8 | 5/16 | -5 | 8.1 | 13.4 | 300 | 1200 | 0.319 | 0.528 | 4300 | 17200 | 4:1 | 55 | 2.17 | 106 | 0.071 | SAB131 | SAB831 |
| 1353 | DN8 | 5/16 | -5 | 8.1 | 14.3 | 210 | 840 | 0.319 | 0.563 | 3000 | 12000 | 4:1 | 45 | 1.77 | 263 | 0.177 | SAB131 | SAB831 |
| 1423 | DN8 | 5/16 | -5 | 8.1 | 14.3 | 210 | 840 | 0.319 | 0.563 | 3000 | 12000 | 4:1 | 45 | 1.77 | 130 | 0.087 | SAB131 | SAB831 |
| 1433 | DN8 | 5/16 | -5 | 8.1 | 14.3 | 210 | 840 | 0.319 | 0.563 | 3000 | 12000 | 4:1 | 45 | 1.77 | 260 | 0.175 | SAB131 | SAB831 |
| 1473 | DN8 | 5/16 | -5 | 8.1 | 15.2 | 250 | 1000 | 0.319 | 0.598 | 3600 | 14400 | 4:1 | 45 | 1.77 | 140 | 0.094 | SAB131 | SAB831 |
| 1483 | DN8 | 5/16 | -5 | 8.1 | 15.2 | 250 | 1000 | 0.319 | 0.598 | 3600 | 14400 | 4:1 | 45 | 1.77 | 280 | 0.188 | SAB131 | SAB831 |

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|--------|------|------|----|-----|------|------|------|-------|-------|------------------|--------|-------|-----|-------|------|-------|--------|--------|
| 1533 | DN8 | 5/16 | -5 | 8.1 | 15.0 | 250 | 1000 | 0.319 | 0.591 | 3600 | 14400 | 4:1 | 45 | 1.77 | 145 | 0.097 | SAB131 | SAB831 |
| 1553 | DN8 | 5/16 | -5 | 8.1 | 14.3 | 210 | 840 | 0.319 | 0.563 | 3000 | 12000 | 4:1 | 45 | 1.77 | 129 | 0.087 | SAB131 | SAB831 |
| 1563 | DN8 | 5/16 | -5 | 8.1 | 15.0 | 250 | 1000 | 0.319 | 0.591 | 3600 | 14400 | 4:1 | 45 | 1.77 | 145 | 0.097 | SAB131 | SAB831 |
| 1633 | DN8 | 5/16 | -5 | 8.1 | 15.0 | 250 | 1000 | 0.319 | 0.591 | 3600 | 14400 | 4:1 | 45 | 1.77 | 295 | 0.198 | SAB131 | SAB831 |
| 1663 | DN8 | 5/16 | -5 | 8.1 | 14.3 | 210 | 760 | 0.319 | 0.563 | 3000 | 10800 | 3.5:1 | 45 | 1.77 | 130 | 0.087 | SAB131 | SAB831 |
| 1753 | DN8 | 5/16 | -5 | 8.1 | 13.4 | 300 | 1200 | 0.319 | 0.528 | 4300 | 17200 | 4:1 | 55 | 2.17 | 217 | 0.146 | SAB131 | SAB831 |
| 1953 | DN8 | 5/16 | -5 | 8.1 | 14.3 | 210 | 760 | 0.319 | 0.563 | 3000 | 10800 | 3.5:1 | 45 | 1.77 | 130 | 0.087 | SAB131 | SAB831 |
| 2023 | DN8 | 5/16 | -5 | 7.9 | 13.7 | 900 | 2250 | 0.311 | 0.539 | 12900 | 32250 | 2.5:1 | 130 | 5.12 | 251 | 0.168 | HAA131 | |
| 2033 | DN8 | 5/16 | -5 | 7.9 | 15.4 | 1400 | 3500 | 0.311 | 0.606 | $\frac{2000}{0}$ | 50000 | 2.5:1 | 100 | 3.94 | 358 | 0.241 | HAB131 | HAB831 |
| 2043 | DN8 | 5/16 | -5 | 8.1 | 15.6 | 1500 | 3750 | 0.319 | 0.614 | 21700 | 54250 | 2.5:1 | 190 | 7.48 | 470 | 0.316 | HAC131 | HAC831 |
| 2063 | DN8 | 5/16 | -5 | 7.9 | 18.0 | 2050 | 5125 | 0.311 | 0.709 | $\frac{3000}{0}$ | 75000 | 2.5:1 | 240 | 9.45 | 777 | 0.522 | HAE131 | |
| 2083 | DN8 | 5/16 | -5 | 7.6 | 22.0 | 3800 | 7600 | 0.299 | 0.866 | 55000 | 130263 | 2:1 | 300 | 11.81 | 1510 | 1.015 | HAI131 | |
| 2123 | DN8 | 5/16 | -5 | 8.0 | 13.8 | 1050 | 2625 | 0.315 | 0.543 | 15000 | 37500 | 2.5:1 | 130 | 5.12 | 285 | 0.192 | HAA131 | |
| 2163 | DN8 | 5/16 | -5 | 8.0 | 19.0 | 2500 | 6250 | 0.315 | 0.748 | 36200 | 90500 | 2.5:1 | 250 | 9.84 | 970 | 0.652 | HAF131 | |
| 2263 | DN8 | 5/16 | -5 | 7.6 | 18.7 | 3050 | 7000 | 0.299 | 0.736 | $\frac{4420}{0}$ | 101600 | 2.3:1 | 250 | 9.84 | 977 | 0.657 | HAH131 | |
| 2363 | DN8 | 5/16 | -5 | 8.1 | 22.5 | 2500 | 6250 | 0.319 | 0.886 | 36200 | 90500 | 2.5:1 | 250 | 9.84 | 1120 | 0.753 | HAF132 | |
| 0204 | DN10 | 3/8 | -6 | 9.7 | 16.5 | 210 | 840 | 0.382 | 0.650 | 3000 | 12000 | 4:1 | 45 | 1.77 | 165 | 0.111 | SAB141 | SAB841 |
| 0214 | DN10 | 3/8 | -6 | 9.7 | 16.5 | 210 | 840 | 0.382 | 0.650 | 3000 | 12000 | 4:1 | 45 | 1.77 | 330 | 0.222 | SAB141 | SAB841 |
| 0224 | DN10 | 3/8 | -6 | 9.7 | 16.5 | 210 | 840 | 0.382 | 0.650 | 3000 | 12000 | 4:1 | 45 | 1.77 | 157 | 0.105 | SAB141 | SAB841 |
| 0234 | DN10 | 3/8 | -6 | 9.7 | 16.5 | 210 | 840 | 0.382 | 0.650 | 3000 | 12000 | 4:1 | 45 | 1.77 | 155 | 0.104 | SAB141 | SAB841 |
| 0304 | DN10 | 3/8 | -6 | 9.5 | 12.7 | 155 | 620 | 0.374 | 0.500 | 2200 | 8800 | 4:1 | 55 | 2.17 | 160 | 0.108 | SAG141 | |
| 0314 | DN10 | 3/8 | -6 | 9.5 | 15.2 | 138 | 414 | 0.374 | 0.598 | 2000 | 6000 | 3:1 | 20 | 0.79 | 189 | 0.127 | SAI141 | SAI841 |
| 0354 | DN10 | 3/8 | -6 | 9.7 | 18.0 | 250 | 1000 | 0.382 | 0.709 | 3600 | 14400 | 4:1 | 45 | 1.77 | 205 | 0.138 | SAC141 | SAC841 |
| 0364 | DN10 | 3/8 | -6 | 9.7 | 18.0 | 250 | 1000 | 0.382 | 0.709 | 3600 | 14400 | 4:1 | 45 | 1.77 | 410 | 0.276 | SAC141 | SAC841 |
| 0374 | DN10 | 3/8 | -6 | 9.7 | 18.0 | 250 | 1000 | 0.382 | 0.709 | 3600 | 14400 | 4:1 | 45 | 1.77 | 201 | 0.135 | SAC141 | SAC841 |
| 0404 | DN10 | 3/8 | -6 | 9.8 | 18.9 | 700 | 2800 | 0.386 | 0.744 | 10000 | 40000 | 4:1 | 90 | 3.54 | 327 | 0.220 | SAF141 | SAF841 |
| 0414 | DN10 | 3/8 | -6 | 9.8 | 18.9 | 700 | 2800 | 0.386 | 0.744 | 10000 | 40000 | 4:1 | 90 | 3.54 | 329 | 0.221 | SAF141 | SAF841 |
| 0464 | DN10 | 3/8 | -6 | 9.7 | 18.1 | 550 | 2200 | 0.382 | 0.713 | 8000 | 32000 | 4:1 | 70 | 2.76 | 205 | 0.138 | SAF141 | SAF841 |
| 0484 | DN10 | 3/8 | -6 | 9.8 | 18.9 | 700 | 2800 | 0.386 | 0.744 | 10000 | 40000 | 4:1 | 90 | 3.54 | 322 | 0.216 | SAF141 | SAF841 |
| 0494 | DN10 | 3/8 | -6 | 9.7 | 17.2 | 550 | 2200 | 0.382 | 0.677 | 8000 | 32000 | 4:1 | 60 | 2.36 | 285 | 0.192 | SAF141 | SAF841 |
| 0504 | DN10 | 3/8 | -6 | 9.8 | 15.5 | 212 | 850 | 0.386 | 0.610 | 3000 | 12000 | 4:1 | 65 | 2.56 | 245 | 0.165 | SAB141 | SAB841 |
| 0524 | DN10 | 3/8 | -6 | 9.7 | 16.0 | 160 | 640 | 0.382 | 0.630 | 2300 | 9200 | 4:1 | 55 | 2.17 | 146 | 0.098 | SAB141 | SAB841 |
| 0534 | DN10 | 3/8 | -6 | 9.7 | 16.0 | 160 | 640 | 0.382 | 0.630 | 2300 | 9200 | 4:1 | 55 | 2.17 | 149 | 0.100 | SAB141 | SAB841 |
| 0544 | DN10 | 3/8 | -6 | 9.7 | 15.5 | 280 | 1120 | 0.382 | 0.610 | 4000 | 16000 | 4:1 | 60 | 2.36 | 131 | 0.088 | SAB141 | SAB841 |
| 0554 | DN10 | 3/8 | -6 | 9.7 | 15.5 | 280 | 1120 | 0.382 | 0.610 | 4000 | 16000 | 4:1 | 60 | 2.36 | 137 | 0.092 | SAB141 | SAB841 |
| 0564 | DN10 | 3/8 | -6 | 9.8 | 15.5 | 225 | 900 | 0.386 | 0.610 | 3200 | 12800 | 4:1 | 65 | 2.56 | 239 | 0.161 | SAB141 | SAB841 |
| 0584 | DN10 | 3/8 | -6 | 9.8 | 15.5 | 225 | 900 | 0.386 | 0.610 | 3200 | 12800 | 4:1 | 65 | 2.56 | 243 | 0.163 | SAB141 | SAB841 |
| 0604 | DN10 | 3/8 | -6 | 9.9 | 17.1 | 350 | 1400 | 0.390 | 0.673 | 5000 | 20000 | 4:1 | 60 | 2.36 | 167 | 0.112 | SAF141 | SAF841 |
| 0624 | DN10 | 3/8 | -6 | 9.7 | 16.0 | 160 | 640 | 0.382 | 0.630 | 2300 | 9200 | 4:1 | 55 | 2.17 | 145 | 0.097 | SAB141 | SAB841 |
| 0634 | DN10 | 3/8 | -6 | 9.7 | 16.0 | 160 | 640 | 0.382 | 0.630 | 2300 | 9200 | 4:1 | 55 | 2.17 | 303 | 0.204 | SAB141 | SAB841 |
| 0664 | DN10 | 3/8 | -6 | 9.7 | 16.0 | 160 | 640 | 0.382 | 0.630 | 2300 | 9200 | 4:1 | 55 | 2.17 | 149 | 0.100 | SAB141 | SAB841 |
| 0754 | DN10 | 3/8 | -6 | 9.7 | 15.5 | 280 | 1120 | 0.382 | 0.610 | 4000 | 16000 | 4:1 | 60 | 2.36 | 136 | 0.091 | SAB141 | SAB841 |
| 0764 | DN10 | 3/8 | -6 | 9.7 | 16.2 | 280 | 1120 | 0.382 | 0.638 | 4000 | 16000 | 4:1 | 60 | 2.36 | 158 | 0.106 | SAB141 | SAB841 |
| 07B4 | DN10 | 3/8 | -6 | 9.8 | 16.1 | 210 | 840 | 0.386 | 0.634 | 3000 | 12000 | 4:1 | 65 | 2.56 | 259 | 0.174 | SAC141 | SAC841 |
| 0814 | DN10 | 3/8 | -6 | 9.8 | 16.8 | 350 | 1400 | 0.386 | 0.661 | 5000 | 20000 | 4:1 | 65 | 2.56 | 366 | 0.246 | SAC141 | SAC841 |
| 0824 | DN10 | 3/8 | -6 | 9.8 | 16.8 | 330 | 1320 | 0.386 | 0.661 | 4700 | 18800 | 4:1 | 65 | 2.56 | 755 | 0.507 | SAC141 | SAC841 |
| 0834 | DN10 | 3/8 | -6 | 9.8 | 15.5 | 225 | 900 | 0.386 | 0.610 | 3200 | 12800 | 4:1 | 65 | 2.56 | 232 | 0.156 | SAB141 | SAB841 |
| 0834BP | DN10 | 3/8 | -6 | 9.8 | 15.5 | 225 | 900 | 0.386 | 0.610 | 3200 | 12800 | 4:1 | 65 | 2.56 | 232 | 0.156 | SAB141 | SAB841 |
| 0844 | DN10 | 3/8 | -6 | 9.8 | 15.5 | 225 | 900 | 0.386 | 0.610 | 3200 | 12800 | 4:1 | 65 | 2.56 | 240 | 0.161 | SAB141 | SAB841 |
| 0854 | DN10 | 3/8 | -6 | 9.8 | 16.8 | 330 | 1320 | 0.386 | 0.661 | 4700 | 18800 | 4:1 | 65 | 2.56 | 375 | 0.252 | SAC141 | SAC841 |
| 0874 | DN10 | 3/8 | -6 | 9.8 | 15.5 | 225 | 900 | 0.386 | 0.610 | 3200 | 12800 | 4:1 | 65 | 2.56 | 245 | 0.165 | SAB141 | SAB841 |

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|-------|------|-----|----|------|------|------|------|-------|-------|-------|-------|-------|-----|------|-----|-------|--------|--------|
| 0884 | DN10 | 3/8 | -6 | 9.8 | 15.5 | 225 | 900 | 0.386 | 0.610 | 3200 | 12800 | 4:1 | 65 | 2.56 | 483 | 0.325 | SAB141 | SAB841 |
| 0924 | DN10 | 3/8 | -6 | 9.7 | 14.4 | 110 | 440 | 0.382 | 0.567 | 1500 | 6000 | 4:1 | 50 | 1.97 | 103 | 0.069 | SA1141 | SA1841 |
| 0954 | DN10 | 3/8 | -6 | 9.7 | 16.0 | 160 | 640 | 0.382 | 0.630 | 2300 | 9200 | 4:1 | 55 | 2.17 | 149 | 0.100 | SAB141 | SAB841 |
| 0974 | DN10 | 3/8 | -6 | 9.7 | 16.6 | 160 | 640 | 0.382 | 0.654 | 2300 | 9200 | 4:1 | 55 | 2.17 | 168 | 0.113 | SAB141 | SAB841 |
| 0984 | DN10 | 3/8 | -6 | 9.7 | 16.0 | 160 | 640 | 0.382 | 0.630 | 2300 | 9200 | 4:1 | 55 | 2.17 | 142 | 0.095 | SAB141 | SAB841 |
| 1064 | DN10 | 3/8 | -6 | 9.5 | 15.0 | 20 | 80 | 0.374 | 0.591 | 290 | 1160 | 4:1 | 50 | 1.97 | 110 | 0.074 | | |
| 1074 | DN10 | 3/8 | -6 | 9.5 | 15.0 | 20 | 80 | 0.374 | 0.591 | 290 | 1160 | 4:1 | 50 | 1.97 | 120 | 0.081 | | |
| 1084 | DN10 | 3/8 | -6 | 9.7 | 15.9 | 280 | 1120 | 0.382 | 0.626 | 4000 | 16000 | 4:1 | 60 | 2.36 | 232 | 0.156 | SAC141 | SAC841 |
| 1094 | DN10 | 3/8 | -6 | 9.7 | 16.2 | 350 | 1400 | 0.382 | 0.638 | 5000 | 20000 | 4:1 | 60 | 2.36 | 259 | 0.174 | SAC141 | SAC841 |
| 1184 | DN10 | 3/8 | -6 | 9.7 | 16.0 | 210 | 840 | 0.382 | 0.630 | 3000 | 12000 | 2.5:1 | 55 | 2.17 | 149 | 0.100 | SAB141 | SAB841 |
| 1194 | DN10 | 3/8 | -6 | 9.7 | 17.4 | 280 | 840 | 0.382 | 0.685 | 4000 | 12000 | 3:1 | 45 | 1.77 | 193 | 0.130 | SAC141 | SAC841 |
| 1254 | DN10 | 3/8 | -6 | 9.7 | 16.6 | 210 | 840 | 0.382 | 0.654 | 3000 | 12000 | 4:1 | 45 | 1.77 | 166 | 0.112 | SAB141 | SAB841 |
| 1264 | DN10 | 3/8 | -6 | 9.7 | 15.5 | 280 | 1120 | 0.382 | 0.610 | 4000 | 16000 | 4:1 | 60 | 2.36 | 136 | 0.091 | SAB141 | SAB841 |
| 1274 | DN10 | 3/8 | -6 | 9.7 | 15.5 | 280 | 1120 | 0.382 | 0.610 | 4000 | 16000 | 4:1 | 60 | 2.36 | 132 | 0.089 | SAB141 | SAB841 |
| 1334 | DN10 | 3/8 | -6 | 9.7 | 14.5 | 90 | 270 | 0.382 | 0.571 | 1300 | 3900 | 3:1 | 50 | 1.97 | 106 | 0.071 | SA1141 | SA1841 |
| 1354 | DN10 | 3/8 | -6 | 9.7 | 16.6 | 210 | 840 | 0.382 | 0.654 | 3000 | 12000 | 4:1 | 45 | 1.77 | 337 | 0.226 | SAB141 | SAB841 |
| 1414 | DN10 | 3/8 | -6 | 9.8 | 18.9 | 700 | 2800 | 0.386 | 0.744 | 10000 | 40000 | 4:1 | 90 | 3.54 | 663 | 0.446 | SAF141 | SAF841 |
| 1424 | DN10 | 3/8 | -6 | 9.7 | 16.5 | 210 | 840 | 0.382 | 0.650 | 3000 | 12000 | 4:1 | 45 | 1.77 | 165 | 0.111 | SAB141 | SAB841 |
| 1434 | DN10 | 3/8 | -6 | 9.7 | 16.5 | 210 | 840 | 0.382 | 0.650 | 3000 | 12000 | 4:1 | 45 | 1.77 | 330 | 0.222 | SAB141 | SAB841 |
| 1474 | DN10 | 3/8 | -6 | 9.7 | 18.0 | 250 | 1000 | 0.382 | 0.709 | 3600 | 14400 | 4:1 | 45 | 1.77 | 205 | 0.138 | SAC141 | SAC841 |
| 1484 | DN10 | 3/8 | -6 | 9.7 | 18.0 | 250 | 1000 | 0.382 | 0.709 | 3600 | 14400 | 4:1 | 45 | 1.77 | 410 | 0.276 | SAC141 | SAC841 |
| 1494 | DN10 | 3/8 | -6 | 9.7 | 18.2 | 500 | 2000 | 0.382 | 0.717 | 7000 | 28000 | 4:1 | 150 | 5.91 | 310 | 0.208 | | SAH841 |
| 1504 | DN10 | 3/8 | -6 | 9.7 | 16.9 | 420 | 1680 | 0.382 | 0.665 | 6000 | 24000 | 4:1 | 60 | 2.36 | 282 | 0.189 | SAC141 | SAC841 |
| 1534 | DN10 | 3/8 | -6 | 9.7 | 18.0 | 250 | 1000 | 0.382 | 0.709 | 3600 | 14400 | 4:1 | 55 | 2.17 | 201 | 0.135 | SAC141 | SAC841 |
| 1544 | DN10 | 3/8 | -6 | 9.7 | 16.9 | 350 | 1400 | 0.382 | 0.665 | 5000 | 20000 | 4:1 | 60 | 2.36 | 281 | 0.189 | SAC141 | SAC841 |
| 1554 | DN10 | 3/8 | -6 | 9.7 | 16.6 | 210 | 840 | 0.382 | 0.654 | 3000 | 12000 | 4:1 | 45 | 1.77 | 166 | 0.112 | SAB141 | SAB841 |
| 1564 | DN10 | 3/8 | -6 | 9.7 | 18.0 | 250 | 1000 | 0.382 | 0.709 | 3600 | 14400 | 4:1 | 55 | 2.17 | 201 | 0.135 | SAC141 | SAC841 |
| 1574 | DN10 | 3/8 | -6 | 9.7 | 18.0 | 250 | 1000 | 0.382 | 0.709 | 3600 | 14400 | 4:1 | 55 | 2.17 | 165 | 0.111 | SAC141 | SAC841 |
| 1584 | DN10 | 3/8 | -6 | 9.7 | 15.5 | 280 | 1120 | 0.382 | 0.610 | 4000 | 16000 | 4:1 | 60 | 2.36 | 128 | 0.086 | SAB141 | SAB841 |
| 15R4 | DN10 | 3/8 | -6 | 9.7 | 18.9 | 350 | 1400 | 0.382 | 0.744 | 5000 | 20000 | 4:1 | 70 | 2.76 | 219 | 0.147 | SAF141 | SAF841 |
| 1634 | DN10 | 3/8 | -6 | 9.7 | 18.0 | 250 | 1000 | 0.382 | 0.709 | 3600 | 14400 | 4:1 | 55 | 2.17 | 407 | 0.273 | SAC141 | SAC841 |
| 1664 | DN10 | 3/8 | -6 | 9.7 | 16.0 | 210 | 840 | 0.382 | 0.630 | 3000 | 12000 | 3:1 | 55 | 2.17 | 149 | 0.100 | SAB141 | SAB841 |
| 1754 | DN10 | 3/8 | -6 | 9.7 | 15.5 | 280 | 1120 | 0.382 | 0.610 | 4000 | 16000 | 4:1 | 60 | 2.36 | 277 | 0.186 | SAB141 | SAB841 |
| 1814 | DN10 | 3/8 | -6 | 9.8 | 16.8 | 350 | 1400 | 0.386 | 0.661 | 5000 | 20000 | 4:1 | 65 | 2.56 | 382 | 0.257 | SAC141 | SAC841 |
| 1854 | DN10 | 3/8 | -6 | 9.7 | 19.0 | 700 | 2800 | 0.382 | 0.748 | 10000 | 40000 | 4:1 | 150 | 5.91 | 329 | 0.221 | | SAH841 |
| 1954 | DN10 | 3/8 | -6 | 9.7 | 16.0 | 210 | 840 | 0.382 | 0.630 | 3000 | 12000 | 3:1 | 55 | 2.17 | 149 | 0.100 | SAB141 | SAB841 |
| 2024 | DN10 | 3/8 | -6 | 9.9 | 16.4 | 690 | 1725 | 0.390 | 0.646 | 10000 | 25000 | 2.5:1 | 150 | 5.91 | 313 | 0.210 | HAA141 | |
| 2034 | DN10 | 3/8 | -6 | 10.2 | 18.2 | 1050 | 2625 | 0.402 | 0.717 | 15000 | 37500 | 2.5:1 | 120 | 4.72 | 502 | 0.337 | HAB141 | HAB841 |
| 2044 | DN10 | 3/8 | -6 | 9.9 | 18.8 | 1400 | 3500 | 0.390 | 0.740 | 20000 | 50000 | 2.5:1 | 190 | 7.48 | 687 | 0.461 | HAC141 | HAC841 |
| A1228 | DN10 | 3/8 | -6 | 9.8 | 16.8 | 700 | 1400 | 0.386 | 0.661 | 10000 | 20000 | 2:1 | 65 | 2.56 | 375 | 0.252 | SAC141 | SAC841 |
| 0205 | DN12 | 1/2 | -8 | 13.0 | 21.3 | 210 | 840 | 0.512 | 0.839 | 3000 | 12000 | 4:1 | 70 | 2.76 | 240 | 0.161 | SA5151 | SA5851 |
| 0215 | DN12 | 1/2 | -8 | 13.0 | 21.3 | 210 | 840 | 0.512 | 0.839 | 3000 | 12000 | 4:1 | 70 | 2.76 | 480 | 0.323 | SA5151 | SA5851 |
| 0225 | DN12 | 1/2 | -8 | 13.0 | 21.3 | 210 | 840 | 0.512 | 0.839 | 3000 | 12000 | 4:1 | 70 | 2.76 | 249 | 0.167 | SA5151 | SA5851 |
| 0305 | DN12 | 1/2 | -8 | 12.8 | 16.1 | 120 | 480 | 0.504 | 0.634 | 1700 | 6800 | 4:1 | 70 | 2.76 | 188 | 0.126 | SAG151 | |
| 0315 | DN12 | 1/2 | -8 | 12.8 | 18.8 | 103 | 309 | 0.504 | 0.740 | 1400 | 4200 | 3:1 | 25 | 0.98 | 245 | 0.165 | SAI151 | SAI851 |
| 0405 | DN12 | 1/2 | -8 | 13.0 | 24.5 | 700 | 2450 | 0.512 | 0.965 | 10000 | 35500 | 3.5:1 | 100 | 3.94 | 528 | 0.355 | SAF151 | SAF851 |
| 0485 | DN12 | 1/2 | -8 | 13.0 | 23.2 | 590 | 2360 | 0.512 | 0.913 | 8500 | 34000 | 4:1 | 100 | 3.94 | 566 | 0.380 | SAF151 | SAF851 |
| 0495 | DN12 | 1/2 | -8 | 13.0 | 21.7 | 450 | 1800 | 0.512 | 0.854 | 6500 | 26000 | 4:1 | 80 | 3.15 | 396 | 0.266 | SAF151 | SAF851 |
| 0505 | DN12 | 1/2 | -8 | 13.0 | 18.8 | 175 | 700 | 0.512 | 0.740 | 2500 | 10000 | 4:1 | 85 | 3.35 | 312 | 0.210 | SAB151 | SAB851 |
| 0525 | DN12 | 1/2 | -8 | 13.0 | 20.3 | 140 | 560 | 0.512 | 0.799 | 2000 | 8000 | 4:1 | 75 | 2.95 | 218 | 0.146 | SAB151 | SAB851 |
| 0535 | DN12 | 1/2 | -8 | 13.0 | 20.3 | 140 | 560 | 0.512 | 0.799 | 2000 | 8000 | 4:1 | 75 | 2.95 | 224 | 0.151 | SAB151 | SAB851 |
| 0545 | DN12 | 1/2 | -8 | 13.0 | 19.9 | 245 | 980 | 0.512 | 0.783 | 3500 | 14000 | 4:1 | 80 | 3.15 | 201 | 0.135 | SAB151 | SAB851 |

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|--------|------|-----|----|------|------|------|------|-------|-------|-------|-------|-------|-----|------|-----|-------|--------|--------|
| 0555 | DN12 | 1/2 | -8 | 13.0 | 19.9 | 245 | 980 | 0.512 | 0.783 | 3500 | 14000 | 4:1 | 80 | 3.15 | 205 | 0.138 | SAB151 | SAB851 |
| 0565 | DN12 | 1/2 | -8 | 13.0 | 18.8 | 190 | 760 | 0.512 | 0.740 | 2700 | 10800 | 4:1 | 85 | 3.35 | 312 | 0.210 | SAB151 | SAB851 |
| 0585 | DN12 | 1/2 | -8 | 13.0 | 18.8 | 190 | 760 | 0.512 | 0.740 | 2700 | 10800 | 4:1 | 85 | 3.35 | 315 | 0.212 | SAB151 | SAB851 |
| 0605 | DN12 | 1/2 | -8 | 13.0 | 21.7 | 350 | 1400 | 0.512 | 0.854 | 5000 | 20000 | 4:1 | 80 | 3.15 | 271 | 0.182 | SAF151 | SAF851 |
| 0625 | DN12 | 1/2 | -8 | 13.0 | 20.3 | 140 | 560 | 0.512 | 0.799 | 2000 | 8000 | 4:1 | 75 | 2.95 | 216 | 0.145 | SAB151 | SAB851 |
| 0635 | DN12 | 1/2 | -8 | 13.0 | 20.3 | 140 | 560 | 0.512 | 0.799 | 2000 | 8000 | 4:1 | 75 | 2.95 | 449 | 0.302 | SAB151 | SAB851 |
| 0665 | DN12 | 1/2 | -8 | 13.0 | 20.3 | 140 | 560 | 0.512 | 0.799 | 2000 | 8000 | 4:1 | 75 | 2.95 | 222 | 0.149 | SAB151 | SAB851 |
| 0755 | DN12 | 1/2 | -8 | 13.0 | 19.9 | 245 | 980 | 0.512 | 0.783 | 3500 | 14000 | 4:1 | 80 | 3.15 | 208 | 0.140 | SAB151 | SAB851 |
| 0765 | DN12 | 1/2 | -8 | 13.0 | 20.9 | 245 | 980 | 0.512 | 0.823 | 3500 | 14000 | 4:1 | 80 | 3.15 | 249 | 0.167 | SA5151 | SA5851 |
| 0815 | DN12 | 1/2 | -8 | 13.0 | 20.2 | 300 | 1200 | 0.512 | 0.795 | 4300 | 17200 | 4:1 | 85 | 3.35 | 441 | 0.296 | SAC151 | SAC851 |
| 0825 | DN12 | 1/2 | -8 | 13.0 | 20.2 | 260 | 1040 | 0.512 | 0.795 | 3700 | 14800 | 4:1 | 85 | 3.35 | 953 | 0.640 | SAC151 | SAC851 |
| 0835 | DN12 | 1/2 | -8 | 13.0 | 18.8 | 190 | 760 | 0.512 | 0.740 | 2700 | 10800 | 4:1 | 85 | 3.35 | 300 | 0.202 | SAB151 | SAB851 |
| 0835BP | DN12 | 1/2 | -8 | 13.0 | 18.8 | 190 | 760 | 0.512 | 0.740 | 2700 | 10800 | 4:1 | 85 | 3.35 | 300 | 0.202 | SAB151 | SAB851 |
| 0845 | DN12 | 1/2 | -8 | 13.0 | 18.8 | 190 | 760 | 0.512 | 0.740 | 2700 | 10800 | 4:1 | 85 | 3.35 | 290 | 0.195 | SAB151 | SAB851 |
| 0855 | DN12 | 1/2 | -8 | 13.0 | 20.2 | 260 | 1040 | 0.512 | 0.795 | 3700 | 14800 | 4:1 | 85 | 3.35 | 474 | 0.319 | SAC151 | SAC851 |
| 0875 | DN12 | 1/2 | -8 | 13.0 | 18.8 | 190 | 760 | 0.512 | 0.740 | 2700 | 10800 | 4:1 | 85 | 3.35 | 312 | 0.210 | SAB151 | SAB851 |
| 0885 | DN12 | 1/2 | -8 | 13.0 | 18.8 | 190 | 760 | 0.512 | 0.740 | 2700 | 10800 | 4:1 | 85 | 3.35 | 629 | 0.423 | SAB151 | SAB851 |
| 0925 | DN12 | 1/2 | -8 | 13.0 | 19.1 | 100 | 400 | 0.512 | 0.752 | 1400 | 5600 | 4:1 | 70 | 2.76 | 174 | 0.117 | SA1151 | SA1851 |
| 0955 | DN12 | 1/2 | -8 | 13.0 | 20.3 | 140 | 560 | 0.512 | 0.799 | 2000 | 8000 | 4:1 | 75 | 2.95 | 224 | 0.151 | SAB151 | SAB851 |
| 0975 | DN12 | 1/2 | -8 | 13.0 | 21.4 | 140 | 560 | 0.512 | 0.843 | 2000 | 8000 | 4:1 | 75 | 2.95 | 267 | 0.179 | SA5151 | SA5851 |
| 0985 | DN12 | 1/2 | -8 | 13.0 | 20.3 | 140 | 560 | 0.512 | 0.799 | 2000 | 8000 | 4:1 | 75 | 2.95 | 209 | 0.140 | SAB151 | SAB851 |
| 1005 | DN12 | 1/2 | -8 | 13.0 | 21.4 | 175 | 438 | 0.512 | 0.843 | 2500 | 6250 | 2.5:1 | 75 | 2.95 | 230 | 0.155 | SA5151 | SA5851 |
| 1015 | DN12 | 1/2 | -8 | 13.0 | 21.8 | 200 | 500 | 0.512 | 0.858 | 2900 | 7250 | 2.5:1 | 75 | 2.95 | 277 | 0.186 | SA5151 | SA5851 |
| 1065 | DN12 | 1/2 | -8 | 12.7 | 19.1 | 20 | 80 | 0.500 | 0.752 | 290 | 1160 | 4:1 | 70 | 2.76 | 167 | 0.112 | | |
| 1075 | DN12 | 1/2 | -8 | 12.7 | 19.1 | 20 | 80 | 0.500 | 0.752 | 290 | 1160 | 4:1 | 70 | 2.76 | 183 | 0.123 | | |
| 1085 | DN12 | 1/2 | -8 | 13.0 | 19.4 | 250 | 1000 | 0.512 | 0.764 | 3600 | 14400 | 4:1 | 80 | 3.15 | 318 | 0.214 | SAC151 | SAC851 |
| 1095 | DN12 | 1/2 | -8 | 13.0 | 20.5 | 350 | 1400 | 0.512 | 0.807 | 5000 | 20000 | 4:1 | 80 | 3.15 | 341 | 0.229 | SAC151 | SAC851 |
| 1105 | DN12 | 1/2 | -8 | 13.0 | 21.4 | 200 | 500 | 0.512 | 0.843 | 2900 | 7200 | 2.5:1 | 75 | 2.95 | 228 | 0.153 | SA5151 | SA5851 |
| 1125 | DN12 | 1/2 | -8 | 13.0 | 21.4 | 210 | 525 | 0.512 | 0.843 | 3000 | 7500 | 2.5:1 | 75 | 2.95 | 230 | 0.155 | SA5151 | SA5851 |
| 1135 | DN12 | 1/2 | -8 | 13.0 | 22.2 | 250 | 625 | 0.512 | 0.874 | 3600 | 9000 | 2.5:1 | 75 | 2.95 | 254 | 0.171 | SA5151 | SA5851 |
| 1185 | DN12 | 1/2 | -8 | 13.0 | 20.3 | 210 | 525 | 0.512 | 0.799 | 3000 | 7500 | 2.5:1 | 75 | 2.95 | 222 | 0.149 | SAB151 | SAB851 |
| 1195 | DN12 | 1/2 | -8 | 13.0 | 22.3 | 280 | 700 | 0.512 | 0.878 | 4000 | 10000 | 2.5:1 | 75 | 2.95 | 255 | 0.171 | SA5151 | SA5851 |
| 1255 | DN12 | 1/2 | -8 | 13.0 | 22.5 | 210 | 840 | 0.512 | 0.886 | 3000 | 12000 | 4:1 | 70 | 2.76 | 293 | 0.197 | SA5151 | SA5851 |
| 1265 | DN12 | 1/2 | -8 | 13.0 | 19.9 | 245 | 980 | 0.512 | 0.783 | 3500 | 14000 | 4:1 | 80 | 3.15 | 208 | 0.140 | SAB151 | SAB851 |
| 1275 | DN12 | 1/2 | -8 | 13.0 | 19.9 | 245 | 980 | 0.512 | 0.783 | 3500 | 14000 | 4:1 | 80 | 3.15 | 188 | 0.126 | SAB151 | SAB851 |
| 1295 | DN12 | 1/2 | -8 | 13.0 | 20.3 | 140 | 560 | 0.512 | 0.799 | 2000 | 8000 | 4:1 | 75 | 2.95 | 215 | 0.144 | SAB151 | SAB851 |
| 1335 | DN12 | 1/2 | -8 | 13.0 | 18.5 | 90 | 270 | 0.512 | 0.728 | 1300 | 3900 | 3:1 | 80 | 3.15 | 153 | 0.103 | SA1151 | SA1851 |
| 1355 | DN12 | 1/2 | -8 | 13.0 | 22.5 | 210 | 840 | 0.512 | 0.886 | 3000 | 12000 | 4:1 | 70 | 2.76 | 603 | 0.405 | SA5151 | SA5851 |
| 1385 | DN12 | 1/2 | -8 | 13.0 | 23.3 | 210 | 840 | 0.512 | 0.917 | 3000 | 12000 | 4:1 | 75 | 2.95 | 370 | 0.249 | | SA5851 |
| 1425 | DN12 | 1/2 | -8 | 13.0 | 21.3 | 210 | 840 | 0.512 | 0.839 | 3000 | 12000 | 4:1 | 70 | 2.76 | 240 | 0.161 | SA5151 | SA5851 |
| 1435 | DN12 | 1/2 | -8 | 13.0 | 21.3 | 210 | 840 | 0.512 | 0.839 | 3000 | 12000 | 4:1 | 70 | 2.76 | 480 | 0.323 | SA5151 | SA5851 |
| 1505 | DN12 | 1/2 | -8 | 13.0 | 20.5 | 350 | 1400 | 0.512 | 0.807 | 5000 | 20000 | 4:1 | 80 | 3.15 | 341 | 0.229 | SAC151 | SAC851 |
| 1545 | DN12 | 1/2 | -8 | 13.0 | 21.3 | 350 | 1400 | 0.512 | 0.839 | 5000 | 20000 | 4:1 | 80 | 3.15 | 394 | 0.265 | SA5151 | SA5851 |
| 1555 | DN12 | 1/2 | -8 | 13.0 | 22.5 | 210 | 840 | 0.512 | 0.886 | 3000 | 12000 | 4:1 | 70 | 2.76 | 293 | 0.197 | SA5151 | SA5851 |
| 15R5 | DN12 | 1/2 | -8 | 13.0 | 22.5 | 350 | 1400 | 0.512 | 0.886 | 5000 | 20000 | 4:1 | 90 | 3.54 | 285 | 0.192 | SAF151 | SAF851 |
| 1665 | DN12 | 1/2 | -8 | 13.0 | 20.3 | 180 | 560 | 0.512 | 0.799 | 2600 | 8000 | 3:1 | 75 | 2.95 | 222 | 0.149 | SAB151 | SAB851 |
| 1755 | DN12 | 1/2 | -8 | 13.0 | 19.9 | 245 | 980 | 0.512 | 0.783 | 3500 | 14000 | 4:1 | 80 | 3.15 | 421 | 0.283 | SAB151 | SAB851 |
| 1815 | DN12 | 1/2 | -8 | 13.0 | 20.2 | 300 | 1200 | 0.512 | 0.795 | 4300 | 17200 | 4:1 | 85 | 3.35 | 462 | 0.310 | SAC151 | SAC851 |
| 1835 | DN12 | 1/2 | -8 | 13.2 | 20.7 | 350 | 1400 | 0.520 | 0.815 | 5000 | 20000 | 4:1 | 165 | 6.50 | 475 | 0.319 | SAF151 | SAF851 |
| 1955 | DN12 | 1/2 | -8 | 13.0 | 20.3 | 180 | 560 | 0.512 | 0.799 | 2600 | 8000 | 3:1 | 75 | 2.95 | 222 | 0.149 | SAB151 | SAB851 |
| 2025 | DN12 | 1/2 | -8 | 12.8 | 20.4 | 690 | 1725 | 0.504 | 0.803 | 10000 | 25000 | 2.5:1 | 190 | 7.48 | 472 | 0.317 | HAA151 | |
| 2035 | DN12 | 1/2 | -8 | 12.9 | 22.1 | 1050 | 2625 | 0.508 | 0.870 | 15000 | 37500 | 2.5:1 | 140 | 5.51 | 709 | 0.477 | HAB151 | HAB851 |

| | | | | | | | | | | | | | | | | | | |
|-------|------|-----|-----|------|------|------|------|-------|-------|-------|-------|-------|-----|-------|------|-------|--------|--------|
| 2045 | DN12 | 1/2 | -8 | 12.8 | 21.6 | 1300 | 3250 | 0.504 | 0.850 | 18800 | 47000 | 2.5:1 | 200 | 7.87 | 826 | 0.555 | HAC151 | HAC851 |
| 2055 | DN12 | 1/2 | -8 | 12.8 | 24.3 | 1400 | 3500 | 0.504 | 0.957 | 20000 | 50000 | 2.5:1 | 110 | 4.33 | 1121 | 0.753 | HAG151 | |
| 2065 | DN12 | 1/2 | -8 | 12.8 | 25.4 | 1800 | 4500 | 0.504 | 1.000 | 26100 | 65250 | 2.5:1 | 300 | 11.81 | 1550 | 1.041 | HAE151 | HAE851 |
| 2085 | DN12 | 1/2 | -8 | 12.8 | 28.7 | 3010 | 6250 | 0.504 | 1.130 | 43600 | 90531 | 2.1:1 | 350 | 13.78 | 2350 | 1.579 | | |
| 2145 | DN12 | 1/2 | -8 | 12.8 | 22.5 | 1400 | 3500 | 0.504 | 0.886 | 20000 | 50000 | 2.5:1 | 180 | 7.09 | 968 | 0.650 | HAD151 | HAD851 |
| 2165 | DN12 | 1/2 | -8 | 12.9 | 25.3 | 2050 | 5125 | 0.508 | 0.996 | 30000 | 75000 | 2.5:1 | 300 | 11.81 | 1627 | 1.093 | HAF151 | |
| 2245 | DN12 | 1/2 | -8 | 12.8 | 22.0 | 1050 | 3150 | 0.504 | 0.866 | 15000 | 45000 | 3:1 | 300 | 11.81 | 975 | 0.655 | HAD151 | HAD851 |
| 2265 | DN12 | 1/2 | -8 | 12.8 | 26.0 | 2500 | 6250 | 0.504 | 1.024 | 36200 | 90500 | 2.5:1 | 350 | 13.78 | 1782 | 1.197 | HAH151 | |
| A1402 | DN12 | 1/2 | -8 | 13.0 | 20.3 | 700 | 1400 | 0.512 | 0.799 | 10000 | 20000 | 2:1 | 80 | 3.15 | 341 | 0.229 | SAC151 | SAC851 |
| 0206 | DN16 | 5/8 | -10 | 16.3 | 26.0 | 210 | 840 | 0.642 | 1.024 | 3000 | 12000 | 4:1 | 100 | 3.94 | 370 | 0.249 | SA5161 | SA5861 |
| 0216 | DN16 | 5/8 | -10 | 16.3 | 26.0 | 210 | 840 | 0.642 | 1.024 | 3000 | 12000 | 4:1 | 100 | 3.94 | 740 | 0.497 | SA5161 | SA5861 |
| 0226 | DN16 | 5/8 | -10 | 16.3 | 26.0 | 210 | 840 | 0.642 | 1.024 | 3000 | 12000 | 4:1 | 100 | 3.94 | 362 | 0.243 | SA5161 | SA5861 |
| 0306 | DN16 | 5/8 | -10 | 16.6 | 19.8 | 85 | 340 | 0.654 | 0.780 | 1200 | 4800 | 4:1 | 130 | 5.12 | 251 | 0.169 | SAG161 | |
| 0316 | DN16 | 5/8 | -10 | 15.9 | 22.1 | 83 | 249 | 0.626 | 0.870 | 1200 | 3600 | 3:1 | 50 | 1.97 | 316 | 0.212 | SAI161 | SAI861 |
| 0486 | DN16 | 5/8 | -10 | 16.3 | 26.6 | 500 | 2000 | 0.642 | 1.047 | 7200 | 28800 | 4:1 | 160 | 6.30 | 574 | 0.386 | SAF161 | SAF861 |
| 0506 | DN16 | 5/8 | -10 | 16.3 | 22.0 | 140 | 560 | 0.642 | 0.866 | 2000 | 8000 | 4:1 | 115 | 4.53 | 334 | 0.224 | SAB161 | SAB861 |
| 0526 | DN16 | 5/8 | -10 | 16.3 | 23.7 | 105 | 420 | 0.642 | 0.933 | 1500 | 6000 | 4:1 | 110 | 4.33 | 274 | 0.184 | SAB161 | SAB861 |
| 0546 | DN16 | 5/8 | -10 | 16.3 | 23.4 | 200 | 800 | 0.642 | 0.921 | 2900 | 11600 | 4:1 | 125 | 4.92 | 245 | 0.165 | SAB161 | SAB861 |
| 0566 | DN16 | 5/8 | -10 | 16.3 | 22.0 | 140 | 560 | 0.642 | 0.866 | 2000 | 8000 | 4:1 | 115 | 4.53 | 330 | 0.222 | SAB161 | SAB861 |
| 0636 | DN16 | 5/8 | -10 | 16.3 | 23.7 | 105 | 420 | 0.642 | 0.933 | 1500 | 6000 | 4:1 | 110 | 4.33 | 561 | 0.377 | SAB161 | SAB861 |
| 0666 | DN16 | 5/8 | -10 | 16.3 | 23.7 | 105 | 420 | 0.642 | 0.933 | 1500 | 6000 | 4:1 | 110 | 4.33 | 278 | 0.187 | SAB161 | SAB861 |
| 0756 | DN16 | 5/8 | -10 | 16.3 | 23.4 | 200 | 800 | 0.642 | 0.921 | 2900 | 11600 | 4:1 | 125 | 4.92 | 251 | 0.169 | SAB161 | SAB861 |
| 0826 | DN16 | 5/8 | -10 | 16.3 | 23.7 | 220 | 880 | 0.642 | 0.933 | 3100 | 12400 | 4:1 | 115 | 4.53 | 1133 | 0.761 | SAC161 | SAC861 |
| 0846 | DN16 | 5/8 | -10 | 16.3 | 22.0 | 140 | 560 | 0.642 | 0.866 | 2000 | 8000 | 4:1 | 115 | 4.53 | 321 | 0.216 | SAB161 | SAB861 |
| 0856 | DN16 | 5/8 | -10 | 16.3 | 23.7 | 220 | 880 | 0.642 | 0.933 | 3100 | 12400 | 4:1 | 115 | 4.53 | 561 | 0.377 | SAC161 | SAC861 |
| 0876 | DN16 | 5/8 | -10 | 16.3 | 22.0 | 140 | 560 | 0.642 | 0.866 | 2000 | 8000 | 4:1 | 115 | 4.53 | 334 | 0.224 | SAB161 | SAB861 |
| 0886 | DN16 | 5/8 | -10 | 16.3 | 22.0 | 140 | 560 | 0.642 | 0.866 | 2000 | 8000 | 4:1 | 115 | 4.53 | 673 | 0.452 | SAB161 | SAB861 |
| 0956 | DN16 | 5/8 | -10 | 16.3 | 23.7 | 105 | 420 | 0.642 | 0.933 | 1500 | 6000 | 4:1 | 110 | 4.33 | 278 | 0.187 | SAB161 | SAB861 |
| 1006 | DN16 | 5/8 | -10 | 16.3 | 24.4 | 175 | 438 | 0.642 | 0.961 | 2500 | 6250 | 2.5:1 | 100 | 3.94 | 265 | 0.178 | SA5161 | SA5861 |
| 1016 | DN16 | 5/8 | -10 | 16.3 | 25.6 | 200 | 500 | 0.642 | 1.008 | 2900 | 7250 | 2.5:1 | 100 | 3.94 | 363 | 0.244 | SA5161 | SA5861 |
| 1066 | DN16 | 5/8 | -10 | 16.2 | 23.1 | 20 | 80 | 0.638 | 0.909 | 290 | 1160 | 4:1 | 90 | 3.54 | 221 | 0.149 | | |
| 1076 | DN16 | 5/8 | -10 | 16.2 | 23.1 | 20 | 80 | 0.638 | 0.909 | 290 | 1160 | 4:1 | 90 | 3.54 | 233 | 0.157 | | |
| 1106 | DN16 | 5/8 | -10 | 16.3 | 24.4 | 200 | 500 | 0.642 | 0.961 | 2900 | 7250 | 2.5:1 | 100 | 3.94 | 264 | 0.177 | SA5161 | SA5861 |
| 1126 | DN16 | 5/8 | -10 | 16.3 | 24.4 | 210 | 525 | 0.642 | 0.961 | 3000 | 7500 | 2.5:1 | 100 | 3.94 | 265 | 0.178 | SA5161 | SA5861 |
| 1256 | DN16 | 5/8 | -10 | 16.3 | 26.1 | 210 | 840 | 0.642 | 1.028 | 3000 | 12000 | 4:1 | 100 | 3.94 | 372 | 0.250 | SA5161 | SA5861 |
| 1266 | DN16 | 5/8 | -10 | 16.3 | 23.4 | 200 | 800 | 0.642 | 0.921 | 2900 | 11600 | 4:1 | 125 | 4.92 | 251 | 0.169 | SAB161 | SAB861 |
| 1296 | DN16 | 5/8 | -10 | 16.3 | 23.7 | 105 | 420 | 0.642 | 0.933 | 1500 | 6000 | 4:1 | 110 | 4.33 | 273 | 0.183 | SAB161 | SAB861 |
| 1336 | DN16 | 5/8 | -10 | 16.3 | 22.8 | 90 | 270 | 0.642 | 0.898 | 1300 | 3900 | 3:1 | 120 | 4.72 | 236 | 0.159 | SAI161 | SAI861 |
| 1356 | DN16 | 5/8 | -10 | 16.3 | 26.1 | 210 | 840 | 0.642 | 1.028 | 3000 | 12000 | 4:1 | 100 | 3.94 | 749 | 0.503 | SA5161 | SA5861 |
| 1426 | DN16 | 5/8 | -10 | 16.3 | 26.0 | 210 | 840 | 0.642 | 1.024 | 3000 | 12000 | 4:1 | 100 | 3.94 | 370 | 0.249 | SA5161 | SA5861 |
| 1436 | DN16 | 5/8 | -10 | 16.3 | 26.0 | 210 | 840 | 0.642 | 1.024 | 3000 | 12000 | 4:1 | 100 | 3.94 | 740 | 0.497 | SA5161 | SA5861 |
| 1506 | DN16 | 5/8 | -10 | 16.3 | 25.1 | 250 | 1000 | 0.642 | 0.988 | 3600 | 14400 | 4:1 | 115 | 4.53 | 488 | 0.328 | SA5161 | SA5861 |
| 1556 | DN16 | 5/8 | -10 | 16.3 | 26.1 | 210 | 840 | 0.642 | 1.028 | 3000 | 12000 | 4:1 | 100 | 3.94 | 371 | 0.249 | SA5161 | SA5861 |
| 1606 | DN16 | 5/8 | -10 | 16.3 | 25.1 | 250 | 1000 | 0.642 | 0.988 | 3600 | 14400 | 4:1 | 115 | 4.53 | 981 | 0.659 | SA5161 | SA5161 |
| 1666 | DN16 | 5/8 | -10 | 16.3 | 23.7 | 140 | 420 | 0.642 | 0.933 | 2000 | 6000 | 3:1 | 110 | 4.33 | 278 | 0.187 | SAB161 | SAB861 |
| 1756 | DN16 | 5/8 | -10 | 16.3 | 23.4 | 200 | 800 | 0.642 | 0.921 | 2900 | 11600 | 4:1 | 125 | 4.92 | 507 | 0.341 | SAB161 | SAB861 |
| 1816 | DN16 | 5/8 | -10 | 16.3 | 23.7 | 250 | 1000 | 0.642 | 0.933 | 3600 | 14400 | 4:1 | 115 | 4.53 | 578 | 0.388 | SAC161 | SAC861 |
| 1836 | DN16 | 5/8 | -10 | 16.3 | 24.8 | 420 | 1680 | 0.642 | 0.976 | 6000 | 24000 | 4:1 | 220 | 8.66 | 667 | 0.448 | SAF161 | SAF861 |
| 1956 | DN16 | 5/8 | -10 | 16.3 | 23.7 | 140 | 420 | 0.642 | 0.933 | 2000 | 6000 | 3:1 | 110 | 4.33 | 278 | 0.187 | SAB161 | SAB861 |
| 0307 | DN20 | 3/4 | -12 | 19.8 | 23.0 | 75 | 300 | 0.780 | 0.906 | 1000 | 4000 | 4:1 | 190 | 7.48 | 291 | 0.196 | SAG171 | |
| 0317 | DN20 | 3/4 | -12 | 19.0 | 24.6 | 69 | 207 | 0.748 | 0.969 | 1000 | 3000 | 3:1 | 65 | 2.56 | 362 | 0.243 | SAI171 | SAI871 |

| | | | | | | | | | | | | | | | | | | |
|--------|------|-----|-----|------|------|------|------|-------|-------|-------|-------|-------|-----|-------|------|-------|--------|--------|
| 0487 | DN20 | 3/4 | -12 | 19.5 | 30.5 | 450 | 1800 | 0.768 | 1.201 | 6500 | 26000 | 4:1 | 180 | 7.09 | 654 | 0.439 | SAF171 | SAF871 |
| 0507 | DN20 | 3/4 | -12 | 19.5 | 25.8 | 115 | 460 | 0.768 | 1.016 | 1600 | 6400 | 4:1 | 145 | 5.71 | 480 | 0.323 | SAB171 | SAB871 |
| 0527 | DN20 | 3/4 | -12 | 19.5 | 27.1 | 90 | 360 | 0.768 | 1.067 | 1300 | 5200 | 4:1 | 140 | 5.51 | 333 | 0.224 | SAB171 | SAB871 |
| 0547 | DN20 | 3/4 | -12 | 19.5 | 27.1 | 165 | 660 | 0.768 | 1.067 | 2300 | 9200 | 4:1 | 150 | 5.91 | 317 | 0.213 | SAB171 | SAB871 |
| 0567 | DN20 | 3/4 | -12 | 19.5 | 25.8 | 115 | 460 | 0.768 | 1.016 | 1600 | 6400 | 4:1 | 145 | 5.71 | 480 | 0.323 | SAB171 | SAB871 |
| 0607 | DN20 | 3/4 | -12 | 19.5 | 29.8 | 350 | 1400 | 0.768 | 1.173 | 5000 | 20000 | 4:1 | 150 | 5.91 | 412 | 0.277 | SAF171 | SAF871 |
| 0637 | DN20 | 3/4 | -12 | 19.5 | 27.1 | 90 | 360 | 0.768 | 1.067 | 1300 | 5200 | 4:1 | 140 | 5.51 | 681 | 0.458 | SAB171 | SAB871 |
| 0667 | DN20 | 3/4 | -12 | 19.5 | 27.1 | 90 | 360 | 0.768 | 1.067 | 1300 | 5200 | 4:1 | 140 | 5.51 | 338 | 0.227 | SAB171 | SAB871 |
| 0757 | DN20 | 3/4 | -12 | 19.5 | 27.1 | 165 | 660 | 0.768 | 1.067 | 2300 | 9200 | 4:1 | 150 | 5.91 | 323 | 0.217 | SAB171 | SAB871 |
| 0817 | DN20 | 3/4 | -12 | 19.5 | 27.8 | 215 | 860 | 0.768 | 1.094 | 3100 | 12400 | 4:1 | 170 | 6.69 | 697 | 0.468 | SAC171 | SAC871 |
| 0827 | DN20 | 3/4 | -12 | 19.5 | 27.8 | 150 | 600 | 0.768 | 1.094 | 2100 | 8400 | 4:1 | 170 | 6.69 | 1439 | 0.967 | SAC171 | SAC871 |
| 0837 | DN20 | 3/4 | -12 | 19.5 | 25.8 | 115 | 460 | 0.768 | 1.016 | 1600 | 6400 | 4:1 | 145 | 5.71 | 424 | 0.285 | SAB171 | SAB871 |
| 0837BP | DN20 | 3/4 | -12 | 19.5 | 25.8 | 115 | 460 | 0.768 | 1.016 | 1600 | 6400 | 4:1 | 145 | 5.71 | 424 | 0.285 | SAB171 | SAB871 |
| 0847 | DN20 | 3/4 | -12 | 19.5 | 26.0 | 115 | 460 | 0.768 | 1.024 | 1600 | 6400 | 4:1 | 145 | 5.71 | 433 | 0.291 | SAB171 | SAB871 |
| 0857 | DN20 | 3/4 | -12 | 19.5 | 27.8 | 150 | 600 | 0.768 | 1.094 | 2100 | 8400 | 4:1 | 170 | 6.69 | 717 | 0.482 | SAC171 | SAC871 |
| 0877 | DN20 | 3/4 | -12 | 19.5 | 25.8 | 115 | 460 | 0.768 | 1.016 | 1600 | 6400 | 4:1 | 145 | 5.71 | 480 | 0.323 | SAB171 | SAB871 |
| 0887 | DN20 | 3/4 | -12 | 19.5 | 25.8 | 115 | 460 | 0.768 | 1.016 | 1600 | 6400 | 4:1 | 145 | 5.71 | 965 | 0.648 | SAB171 | SAB871 |
| 0957 | DN20 | 3/4 | -12 | 19.5 | 27.1 | 90 | 360 | 0.768 | 1.067 | 1300 | 5200 | 4:1 | 140 | 5.51 | 335 | 0.225 | SAB171 | SAB871 |
| 1007 | DN20 | 3/4 | -12 | 19.6 | 29.7 | 175 | 438 | 0.772 | 1.169 | 2500 | 6250 | 2.5:1 | 120 | 4.72 | 410 | 0.276 | SA5171 | SA5871 |
| 1017 | DN20 | 3/4 | -12 | 19.6 | 29.6 | 200 | 500 | 0.772 | 1.165 | 2900 | 7250 | 2.5:1 | 120 | 4.72 | 444 | 0.298 | SA5171 | SA5871 |
| 1067 | DN20 | 3/4 | -12 | 19.0 | 26.0 | 20 | 80 | 0.748 | 1.024 | 290 | 1160 | 4:1 | 110 | 4.33 | 259 | 0.174 | | |
| 1077 | DN20 | 3/4 | -12 | 19.0 | 26.0 | 20 | 80 | 0.748 | 1.024 | 290 | 1160 | 4:1 | 110 | 4.33 | 274 | 0.184 | | |
| 1107 | DN20 | 3/4 | -12 | 19.6 | 29.7 | 200 | 500 | 0.772 | 1.169 | 2900 | 7250 | 2.5:1 | 120 | 4.72 | 412 | 0.277 | SA5171 | SA5871 |
| 1127 | DN20 | 3/4 | -12 | 19.6 | 29.7 | 210 | 525 | 0.772 | 1.169 | 3000 | 7500 | 2.5:1 | 120 | 4.72 | 410 | 0.276 | SA5171 | SA5871 |
| 1137 | DN20 | 3/4 | -12 | 19.6 | 30.1 | 250 | 625 | 0.772 | 1.185 | 3600 | 9000 | 2.5:1 | 120 | 4.72 | 435 | 0.292 | SA5171 | SA5871 |
| 1147 | DN20 | 3/4 | -12 | 19.6 | 30.1 | 250 | 625 | 0.772 | 1.185 | 3600 | 9000 | 2.5:1 | 120 | 4.72 | 434 | 0.292 | SA5171 | SA5871 |
| 1267 | DN20 | 3/4 | -12 | 19.5 | 27.1 | 165 | 660 | 0.768 | 1.067 | 2300 | 9200 | 4:1 | 150 | 5.91 | 324 | 0.218 | SAB171 | SAB871 |
| 1297 | DN20 | 3/4 | -12 | 19.5 | 27.1 | 90 | 360 | 0.768 | 1.067 | 1300 | 5200 | 4:1 | 140 | 5.51 | 331 | 0.222 | SAB171 | SAB871 |
| 1337 | DN20 | 3/4 | -12 | 19.6 | 27.5 | 90 | 270 | 0.772 | 1.083 | 1300 | 3900 | 3:1 | 180 | 7.09 | 329 | 0.221 | SA1171 | SA1871 |
| 1507 | DN20 | 3/4 | -12 | 19.5 | 28.7 | 250 | 1000 | 0.768 | 1.130 | 3600 | 14400 | 4:1 | 150 | 5.91 | 568 | 0.382 | SA5171 | SA5871 |
| 15R7 | DN20 | 3/4 | -12 | 19.5 | 29.6 | 350 | 1400 | 0.768 | 1.165 | 5000 | 20000 | 4:1 | 180 | 7.09 | 406 | 0.273 | SAF172 | SAF872 |
| 1667 | DN20 | 3/4 | -12 | 19.5 | 27.1 | 120 | 360 | 0.768 | 1.067 | 1700 | 5200 | 3:1 | 140 | 5.51 | 338 | 0.227 | SAB171 | SAB871 |
| 1687 | DN20 | 3/4 | -12 | 19.5 | 27.5 | 210 | 840 | 0.768 | 1.083 | 3000 | 12000 | 4:1 | 150 | 5.91 | 316 | 0.212 | SAL171 | SAL871 |
| 1757 | DN20 | 3/4 | -12 | 19.5 | 27.1 | 165 | 660 | 0.768 | 1.067 | 2300 | 9200 | 4:1 | 150 | 5.91 | 651 | 0.437 | SAB171 | SAB871 |
| 1817 | DN20 | 3/4 | -12 | 19.5 | 28.0 | 215 | 860 | 0.768 | 1.102 | 3100 | 12400 | 4:1 | 170 | 6.69 | 746 | 0.501 | SAC171 | SAC871 |
| 1837 | DN20 | 3/4 | -12 | 19.6 | 29.2 | 350 | 1400 | 0.772 | 1.150 | 5000 | 20000 | 4:1 | 240 | 9.45 | 914 | 0.614 | SAF171 | SAF871 |
| 1957 | DN20 | 3/4 | -12 | 19.5 | 27.1 | 120 | 360 | 0.768 | 1.067 | 1700 | 5200 | 3:1 | 140 | 5.51 | 338 | 0.227 | SAB171 | SAB871 |
| 2037 | DN20 | 3/4 | -12 | 18.8 | 29.9 | 760 | 1900 | 0.740 | 1.177 | 11000 | 27500 | 2.5:1 | 220 | 8.66 | 1236 | 0.831 | HAB171 | HAB871 |
| 2047 | DN20 | 3/4 | -12 | 18.8 | 30.0 | 1050 | 2625 | 0.740 | 1.181 | 15000 | 37500 | 2.5:1 | 250 | 9.84 | 1407 | 0.946 | HAC171 | |
| 2057 | DN20 | 3/4 | -12 | 18.8 | 32.6 | 1200 | 3000 | 0.740 | 1.283 | 17400 | 43500 | 2.5:1 | 170 | 6.69 | 1858 | 1.249 | HAG171 | |
| 2067 | DN20 | 3/4 | -12 | 19.1 | 33.7 | 1400 | 3500 | 0.752 | 1.327 | 20000 | 50000 | 2.5:1 | 350 | 13.78 | 2290 | 1.539 | HAE171 | |
| 2167 | DN20 | 3/4 | -12 | 19.1 | 33.7 | 1600 | 4000 | 0.752 | 1.327 | 23200 | 58000 | 2.5:1 | 350 | 13.78 | 2290 | 1.539 | HAF171 | |
| 0308 | DN25 | 1 | -16 | 25.4 | 28.8 | 75 | 300 | 1.000 | 1.134 | 1000 | 4000 | 4:1 | 270 | 10.63 | 410 | 0.275 | SAG181 | |
| 0318 | DN25 | 1 | -16 | 25.4 | 32.8 | 46 | 138 | 1.000 | 1.291 | 600 | 1800 | 3:1 | 90 | 3.54 | 478 | 0.321 | SA1181 | SA1881 |
| 0488 | DN25 | 1 | -16 | 25.8 | 38.2 | 310 | 1240 | 1.016 | 1.504 | 4500 | 18000 | 4:1 | 250 | 9.84 | 897 | 0.603 | SAF181 | SAF881 |
| 0528 | DN25 | 1 | -16 | 25.9 | 34.0 | 70 | 280 | 1.020 | 1.339 | 1000 | 4000 | 4:1 | 190 | 7.48 | 453 | 0.304 | SAB181 | SAB881 |
| 0548 | DN25 | 1 | -16 | 25.9 | 34 | 140 | 560 | 1.020 | 1.339 | 2000 | 8000 | 4:1 | 200 | 7.87 | 439 | 0.295 | SAB181 | SAB881 |
| 0568 | DN25 | 1 | -16 | 25.8 | 33.4 | 95 | 380 | 1.016 | 1.315 | 1300 | 5200 | 4:1 | 180 | 7.09 | 648 | 0.435 | SAB181 | SAB881 |
| 0608 | DN25 | 1 | -16 | 25.9 | 39.0 | 350 | 1400 | 1.020 | 1.535 | 5000 | 20000 | 4:1 | 250 | 9.84 | 726 | 0.488 | SAF181 | SAF881 |
| 0638 | DN25 | 1 | -16 | 25.9 | 34.0 | 70 | 280 | 1.020 | 1.339 | 1000 | 4000 | 4:1 | 190 | 7.48 | 927 | 0.623 | SAB181 | SAB881 |
| 0668 | DN25 | 1 | -16 | 25.9 | 34.0 | 70 | 280 | 1.020 | 1.339 | 1000 | 4000 | 4:1 | 190 | 7.48 | 461 | 0.310 | SAB181 | SAB881 |
| 0758 | DN25 | 1 | -16 | 25.9 | 34 | 140 | 560 | 1.020 | 1.339 | 2000 | 8000 | 4:1 | 200 | 7.87 | 443 | 0.298 | SAB181 | SAB881 |

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|--------|------|-------|-----|------|------|------|------|-------|-------|-------|-------|-------|-----|-------|------|-------|--------|--------|
| 0848 | DN25 | 1 | -16 | 25.8 | 33.4 | 95 | 380 | 1.016 | 1.315 | 1300 | 5200 | 4:1 | 180 | 7.09 | 621 | 0.417 | SAB181 | SAB881 |
| 0878 | DN25 | 1 | -16 | 25.8 | 33.4 | 95 | 380 | 1.016 | 1.315 | 1300 | 5200 | 4:1 | 180 | 7.09 | 655 | 0.440 | SAB181 | SAB881 |
| 0888 | DN25 | 1 | -16 | 25.8 | 33.4 | 95 | 380 | 1.016 | 1.315 | 1300 | 5200 | 4:1 | 180 | 7.09 | 1315 | 0.884 | SAB181 | SAB881 |
| 0958 | DN25 | 1 | -16 | 25.9 | 34.0 | 70 | 280 | 1.020 | 1.339 | 1000 | 4000 | 4:1 | 190 | 7.48 | 460 | 0.309 | SAB181 | SAB881 |
| 1008 | DN25 | 1 | -16 | 25.6 | 37.5 | 175 | 438 | 1.008 | 1.476 | 2500 | 6250 | 2.5:1 | 155 | 6.10 | 620 | 0.417 | SA5181 | SA5881 |
| 1018 | DN25 | 1 | -16 | 25.6 | 37.6 | 200 | 500 | 1.008 | 1.480 | 2900 | 7250 | 2.5:1 | 155 | 6.10 | 650 | 0.437 | SA5181 | SA5881 |
| 1108 | DN25 | 1 | -16 | 25.6 | 37.5 | 200 | 500 | 1.008 | 1.476 | 2900 | 7200 | 2.5:1 | 155 | 6.10 | 605 | 0.407 | SA5181 | SA5881 |
| 1128 | DN25 | 1 | -16 | 25.6 | 37.5 | 210 | 525 | 1.008 | 1.476 | 3000 | 7500 | 2.5:1 | 155 | 6.10 | 620 | 0.417 | SA5181 | SA5881 |
| 1138 | DN25 | 1 | -16 | 25.6 | 36.5 | 250 | 625 | 1.008 | 1.437 | 3600 | 9000 | 2.5:1 | 155 | 6.10 | 580 | 0.390 | SA5181 | SA5881 |
| 1148 | DN25 | 1 | -16 | 25.6 | 37.3 | 250 | 625 | 1.008 | 1.469 | 3600 | 9000 | 2.5:1 | 155 | 6.10 | 630 | 0.423 | SA5181 | SA5881 |
| 1268 | DN25 | 1 | -16 | 25.9 | 34.0 | 140 | 560 | 1.020 | 1.339 | 2000 | 8000 | 4:1 | 200 | 7.87 | 443 | 0.298 | SAB181 | SAB881 |
| 1298 | DN25 | 1 | -16 | 25.9 | 34.0 | 70 | 280 | 1.020 | 1.339 | 1000 | 4000 | 4:1 | 190 | 7.48 | 443 | 0.298 | SAB181 | SAB881 |
| 15R8 | DN25 | 1 | -16 | 25.9 | 39.0 | 350 | 1400 | 1.020 | 1.535 | 5000 | 20000 | 4:1 | 200 | 7.87 | 724 | 0.487 | SAF181 | SAF881 |
| 1668 | DN25 | 1 | -16 | 25.9 | 34.0 | 90 | 280 | 1.020 | 1.339 | 1300 | 4000 | 3:1 | 190 | 7.48 | 461 | 0.310 | SAB181 | SAB881 |
| 1688 | DN25 | 1 | -16 | 25.9 | 35.5 | 210 | 840 | 1.020 | 1.398 | 3000 | 12000 | 4:1 | 250 | 9.84 | 518 | 0.348 | SAL181 | SAL881 |
| 1758 | DN25 | 1 | -16 | 25.9 | 34 | 140 | 560 | 1.020 | 1.339 | 2000 | 8000 | 4:1 | 200 | 7.87 | 891 | 0.599 | SAB181 | SAB881 |
| 1818 | DN25 | 1 | -16 | 25.8 | 35.2 | 190 | 760 | 1.016 | 1.386 | 2700 | 10800 | 4:1 | 180 | 7.09 | 1022 | 0.687 | SAC181 | SAC881 |
| 1838 | DN25 | 1 | -16 | 25.9 | 36.0 | 280 | 1120 | 1.020 | 1.417 | 4000 | 16000 | 4:1 | 350 | 13.78 | 1183 | 0.795 | SAL181 | SAL881 |
| 1958 | DN25 | 1 | -16 | 25.9 | 34.0 | 90 | 280 | 1.020 | 1.339 | 1300 | 4000 | 3:1 | 190 | 7.48 | 461 | 0.310 | SAB181 | SAB881 |
| 2048 | DN25 | 1 | -16 | 24.8 | 38.3 | 1050 | 2625 | 0.976 | 1.508 | 15000 | 37500 | 2.5:1 | 300 | 11.81 | 2197 | 1.476 | | HAC881 |
| 2068 | DN25 | 1 | -16 | 24.8 | 41.0 | 1200 | 3000 | 0.976 | 1.614 | 17400 | 43500 | 2.5:1 | 600 | 23.62 | 3211 | 2.158 | HAE181 | |
| 0319 | DN32 | 1+1/4 | -20 | 32.2 | 40.7 | 34 | 102 | 1.268 | 1.602 | 400 | 1200 | 3:1 | 125 | 4.92 | 561 | 0.377 | SAI191 | SAI891 |
| 1009 | DN32 | 1+1/4 | -20 | 32.4 | 47.2 | 175 | 438 | 1.276 | 1.858 | 2500 | 6250 | 2.5:1 | 240 | 9.45 | 1000 | 0.672 | SA5191 | SA5891 |
| 1019 | DN32 | 1+1/4 | -20 | 32.4 | 46.0 | 200 | 500 | 1.276 | 1.811 | 2900 | 7250 | 2.5:1 | 240 | 9.45 | 888 | 0.597 | SA5191 | SA5891 |
| 1109 | DN32 | 1+1/4 | -20 | 32.4 | 47.2 | 200 | 500 | 1.276 | 1.858 | 2900 | 7200 | 2.5:1 | 240 | 9.45 | 1001 | 0.673 | SA5191 | SA5891 |
| 1129 | DN32 | 1+1/4 | -20 | 32.4 | 47.2 | 210 | 525 | 1.276 | 1.858 | 3000 | 7500 | 2.5:1 | 240 | 9.45 | 1000 | 0.672 | SA5191 | SA5891 |
| 1139 | DN32 | 1+1/4 | -20 | 32.4 | 46.0 | 250 | 625 | 1.276 | 1.811 | 3600 | 9000 | 2.5:1 | 240 | 9.45 | 808 | 0.543 | SA5191 | SA5891 |
| 1149 | DN32 | 1+1/4 | -20 | 32.4 | 46.2 | 250 | 625 | 1.276 | 1.819 | 3600 | 9000 | 2.5:1 | 240 | 9.45 | 885 | 0.595 | SA5191 | SA5891 |
| 1839 | DN32 | 1+1/4 | -20 | 32.0 | 45.2 | 310 | 1240 | 1.260 | 1.780 | 4500 | 18000 | 4:1 | 500 | 19.69 | 1916 | 1.287 | SAL191 | SAL891 |
| 031T | DN38 | 1+1/2 | -24 | 38.1 | 48.2 | 30 | 90 | 1.500 | 1.898 | 400 | 1200 | 3:1 | 150 | 5.91 | 90 | 0.060 | SAI1T1 | SAI8T1 |
| 110T | DN38 | 1+1/2 | -24 | 38.4 | 55.6 | 200 | 500 | 1.512 | 2.189 | 2900 | 7200 | 2.5:1 | 300 | 11.81 | 1340 | 0.900 | SA51T1 | SA58T1 |
| 112T | DN38 | 1+1/2 | -24 | 38.4 | 55.6 | 210 | 525 | 1.512 | 2.189 | 3000 | 7500 | 2.5:1 | 300 | 11.81 | 1345 | 0.904 | SA51T1 | SA58T1 |
| 113T | DN38 | 1+1/2 | -24 | 38.4 | 53.4 | 250 | 625 | 1.512 | 2.102 | 3600 | 9000 | 2.5:1 | 300 | 11.81 | 1154 | 0.775 | SA51T1 | SA58T1 |
| XX100T | DN38 | 1+1/2 | -24 | 38.4 | 55.6 | 210 | 525 | 1.512 | 2.189 | 3000 | 7500 | 2.5:1 | 300 | 11.81 | 1345 | 0.904 | SA51T1 | SA58T1 |
| 031X | DN51 | 2 | -32 | 51.4 | 61.5 | 23 | 69 | 2.024 | 2.421 | 300 | 900 | 3:1 | 200 | 7.87 | 567 | 0.381 | SAI1X1 | SAI8X1 |

Dimensions and values shown may be changed without prior notice to improve product performances and reliability.
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Document date: 29/04/2026
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