RIGHT HAND THREAD

**PART NUMBERS**
FOR BARE BAR: B26E CUT

**SPECIFICATIONS**
ASTM A722 TYPE II

**PHYSICAL PROPERTIES**

- EFFECTIVE AREA: 0.85 SQ.IN.
- ULTIMATE STRENGTH: 150 KSI
- ULTIMATE LOAD: 127.5 KIPS
- YIELD LOAD: 102.8 KIPS
- WEIGHT: 3.01 LBS./FT.
- MAX. BAR Ø INCL. RIBS: 1.20 IN.
- AVERAGE CORE Ø: 1.02 IN.
- PITCH: 0.510 IN.
PLATE MATERIAL: ASTM A36
MECHANICAL TUBE MATERIAL
SHALL BE AS12, AS13 OR AS19

3/8"-16UNC DRILLED & TAPPED
1" [25.4] DEEP, 4x90° PLACES

5.000 [127.0]
3.094 [78.6]
B.C. 3.475 [111.1]

5.500 [139.7]
1/8" WATERPROOF
3/4" NPT HALF COUPLER BLACK STEEL

2-1/4" x 3/16" WALL MECHANICAL TUBING
"DSI" & PART NUMBER (MARKINGS)

NOTES:
1. PLATE AND PIPE GALVANIZED ACCORDING TO
   TO ASTM A123 AFTER WELDING.
2. DIMENSIONS AND TOLERANCES APPLY TO
   UNCOATED PLATE AND TUBING.
3. ENSURE THREADABILITY OF TAPPED HOLES IN
   PLATES IF THEY ARE REQUIRED.
4. 59mm DUCT U0020200 FITS OVER TUBING.

SQUARE BEARING PLATE WITH EXIT PIPE
FOR 1" THREADBAR

DIMENSIONS: INCH (mm)
mm FOR REFERENCE ONLY

QUALITY PLAN NUMBER:
QBC0021200L

TOLERANCES: ±.020
UNLESS NOTED

WEIGHT: 9.6
LBS.

REV. DATE NAME ECRN

PART NUMBER:
B26E22510

DRAWING NUMBER:
B26E22510

DYWIDAG-SYSTEMS INTERNATIONAL, USA, INC.
320 MARMON DRIVE - BOLINGBROOK, IL 60440
PHONE: 630-739-1100 FAX: 630-739-1405
PLATE MATERIAL: ASTM A36
MECHANICAL TUBE MATERIAL
SHALL BE AS12, AS13 OR AS19

NOTES:
1. PLATE AND PIPE GALVANIZED ACCORDING TO
   ASTM A123 AFTER WELDING.
2. DIMENSIONS AND TOLERANCES APPLY TO
   UNCOATED PLATE AND TUBING.
3. ENSURE THREADABILITY OF TAPPED HOLES IN
   PLATES IF THEY ARE REQUIRED.
4. 59mm DUCT U00220200 FITS OVER TUBING.
BAR GROUT CAP WITH O-RING
FOR ALL 1" & 1-1/4" NUTS AND 1-3/8" ANCHOR NUT

NOTES:
1. USE 3/8"-16UNC 316L S.S. HEX BOLTS, 3-1/4" LONG 00 00 783 W/SMALL DRW
   WASHER 00 00 774.
2. INSTALL O-RING IN GROOVE USING DROPS OF LIQUID ADHESIVE BEFORE SHIPPING.
3. THE NYLON CONFORMING TO ASTM D2889, WITH CELL CLASSIFICATION 5-PAD471
   (ULTIMATE STRENGTH 10,000 PSI W/R, WITH UV STABILIZED ADDIT)
4. DRILL 1/2" [12.7] HOLE IN PORT HOLE. USE CAUTION—RECOMMEND USING HOLE
   SAW BIT OR HOLE SAW BIT (BY OTHERS). BE CAREFUL TO PREVENT DAMAGE TO
   THREADS OR CAP.
5. WHEN PRESSURING GROUT CAPS, DO NOT STAND BEHIND CAPS.
STAINLESS STEEL 316L BOLTS AND WASHER FOR NYLON CAPS

<table>
<thead>
<tr>
<th>POS.</th>
<th>PART NUMBER</th>
<th>DESCRIPTION (ALL PARTS 316L STAINLESS STEEL UNLESS NOTED)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>00 00 771</td>
<td>3/8&quot;-16UNC HEX BOLT, 2-3/4&quot; LONG (1/4&quot; LONG THREAD)</td>
</tr>
<tr>
<td>2</td>
<td>00 00 772</td>
<td>3/8&quot;-16UNC HEX BOLT, 3-1/2&quot; LONG (1/4&quot; LONG THREAD)</td>
</tr>
<tr>
<td>3</td>
<td>00 00 774</td>
<td>TYPE A NARROW WASHER FOR 3/8&quot;-UNC BOLT</td>
</tr>
<tr>
<td>4</td>
<td>00 00 776</td>
<td>3/8&quot;-16UNC COUPLER, ZINC COATED</td>
</tr>
<tr>
<td>5</td>
<td>00 00 777</td>
<td>3/8&quot;-16UNC HEX NUT</td>
</tr>
<tr>
<td>6</td>
<td>00 00 778</td>
<td>5/16&quot;-18UNC HEX BOLT, 7/8&quot; LONG, ZINC PLATED</td>
</tr>
<tr>
<td>7</td>
<td>00 00 783</td>
<td>3/8&quot;-16UNC HEX BOLT, 3-1/4&quot; LONG (1/4&quot; LONG THREAD)</td>
</tr>
<tr>
<td>8</td>
<td>00 00 784</td>
<td>3/8&quot;-16UNC HEX BOLT, 4-1/4&quot; LONG (FULL THREAD)</td>
</tr>
<tr>
<td>9</td>
<td>00 00 789</td>
<td>3/8&quot;-16UNC CARRAGE BOLT, 4-1/2&quot; LONG</td>
</tr>
<tr>
<td>10</td>
<td>00 00 790</td>
<td>3/8&quot;-16UNC CARRAGE BOLT, 5-1/2&quot; LONG</td>
</tr>
</tbody>
</table>

NOTE:
- THE 316L S.S. BOLTS ARE SPECIAL ORDER.
- ALL WASHERS, HEX NUTS & COUPLERS HAVE NO MARKINGS.

PART 00 00 790 ADDED.
1/2" NPT NYLON PLUG

PRESSURE RATED: 150 PSI

DIMENSIONS: INCH (mm)

9/32 [23.8] HEX

3/16 [20.6]

1/2" - NPT THREAD

0.500 [12.7]

MATERIAL:

NYLON 6
COLOR: WHITE

WEIGHT

0.006 LBS.

SCALE

1:1

DRAWING NUMBER: 00 00 649
PRESSURE RATED: 150 PSI

1/2" NPT THREAD TYP.

LENGTH VARIES

MATERIAL: SCH 40 BLACK WELDED STEEL

SCALE: 1:1

DYWIDAG-SYSTEMS INTERNATIONAL, USA, INC.
320 MARMON DRIVE - BOLINGBROOK, IL 60440
PHONE: 630-739-1100 FAX: 630-739-1405
3/4" NPT PIPE NIPPLES

PRESSURE RATED: 150 PSI

MATERIAL:
SCH 40 BLACK WELDED STEEL

SCALE: 1:1

DYWIDAG-SYSTEMS INTERNATIONAL, USA, INC.
320 MARMON DRIVE - BOLINGBROOK, IL 60440
PHONE: 630-739-1100 FAX: 630-739-1405
3/4" NPT NYLON PLUG

PRESSURE RATED: 150 PSI
NOTE:
PRESSURE RATED: 150 PSI.

1/2" NPT BALL VALVE

DIMENSIONS: INCH (mm)

mm FOR REFERENCE ONLY

WEIGHT
0.138
LBS.

REV. DATE NAME
1 01-11-19 SJ

MATERIAL: PVC

SCALE: 1:1

DYWIDAG-SYSTEMS INTERNATIONAL, USA, INC.
320 MARMON DRIVE - BOLINGBROOK, IL 60440
PHONE: 630-739-1100 FAX: 630-739-1405

DRAWING NUMBER: 00 00 634

PART NUMBER: 00 00 634

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3/4" NPT BALL VALVE

NOTE:
PRESSURE RATED: 150 PSI.
MATERIAL: POLYPROPYLENE
CELL CLASS RANGE: PP0340B44541 TO PP0340B67884
MATERIAL MEETS FDOT SPECS. 960-2.4.3.

NOTES:
1. STANDARD FIT FOR 5-0.6", 7-0.5", 7-0.6" & 9-0.5" STRANDS AND 1", 1-1/4", & 1-3/8" THREDBARS.
2. MIN. BENDING RADIUS, Rmin = 22.8 FT.
3. DUCT IS DELIVERED IN STRAIGHT SECTIONS AND IS NOT INTENDED TO BE COILED.

2-3/8" (59mm) CORRUGATED PP DUCT
MATERIAL: POLYPROPYLENE

CELL CLASS RANGE: PP0340B44541 TO PP0340B67884
MATERIAL MEETS FDOT SPECS. 960-2.4.3.

Ø2-3/8" (59mm) DUCT COUPLER

DIMENSIONS: INCH [mm] FOR REFERENCE ONLY
QUALITY PLAN NUMBER: QSA00220205

TOLERANCES: ±0.05 UNLESS NOTED
WEIGHT: 0.23 LBS.
REV. DATE NAME
1 01-11-19 S.I.

MATERIAL: SEE ABOVE
SCALE 2:1

PART NUMBER: U00220205
DRAWING NUMBER: U00220205
**DIMENSIONS & ORDERING INFO**

- **P**
- **L**
- **A** - XXX - YYY - ZZ
  - COLOR ▶
  - SLEEVE WIDTH ▶
  - SLEEVE SIZE ▶
  - ADHESIVE (thickness as supplied) ▶
  - BACKING (thickness as supplied) ▶
  - CONFIGURATION ▶

**STANDARD ORDERING OPTIONS**

- **YE** - YELLOW, **BK** - BLACK
- 300mm, 450mm, 600mm, 900mm (12", 18", 24", 36")
- 63mm - 315mm (2-1/2" - 12")
  - A - 0.75 mm (30 mils)
  - L - 0.80 mm (31 mils)

**PMA - HIGH SHRINK SLEEVE**
- HIGH SHRINK TUBULAR BACKING.

**MATERIAL:**

- ACCORDING TO FDOT SPECIFICATION
- POST TENSIONING, SECTION 462.4, 4, 6, 3.

**NOTES:**

1. ORDER DIRECT FROM CANUSA
   - TEL. 281 367 - 8866
   - FAX. 281 367 - 4304
2. SELECT ORDER LENGTH AS A MULTIPLE OF THE ACTUAL LENGTH.
3. OTHER COLORS SLEEVE MAY BE AVAILABLE UPON REQUEST.
4. ALWAYS HEAT THE DUCT ENDS FIRST.

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**TUBULAR SLEEVE**

<table>
<thead>
<tr>
<th>TUBULAR SLEEVE AS SUPPLIED</th>
<th>TUBULAR SLEEVE DIAMETER FULLY RECOVERED</th>
</tr>
</thead>
<tbody>
<tr>
<td>PLA 63-YYY YE</td>
<td>3.5' [90mm] 2.5' [63mm]</td>
</tr>
<tr>
<td>PLA 90-YYY YE</td>
<td>4.8' [120mm] 3.3' [81mm]</td>
</tr>
<tr>
<td>PLA 115-YYY BK</td>
<td>5.5' [145mm] 3.8' [90mm]</td>
</tr>
<tr>
<td>PLA 125-YYY YE</td>
<td>6.3' [160mm] 4.3' [110mm]</td>
</tr>
<tr>
<td>PLA 160-YYY BK</td>
<td>7.5' [190mm] 5.2' [130mm]</td>
</tr>
<tr>
<td>PMA 90/30-YYY YE</td>
<td>3.5' [90mm] 1.2' [30mm]</td>
</tr>
</tbody>
</table>

YYY = SLEEVE WIDTH: 300/450/600/900(mm)
COLOR: YE = YELLOW, BK = BLACK

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**HEAT SHRINK SLEEVE SIZES FOR INTERNAL GROUTED APPLICATIONS**

<table>
<thead>
<tr>
<th>CORR. DUCT SIZE</th>
<th>STRAND SYSTEM</th>
<th>BAR SYSTEM</th>
<th>HEAT SHRINK SLEEVE SIZE</th>
<th>PART NUMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td>1&quot; x 3&quot; (25mm x 76mm)</td>
<td>4-0.6&quot;</td>
<td></td>
<td>PLA-63-450 YE</td>
<td>U00044063</td>
</tr>
<tr>
<td>2-3/8&quot; (59mm)</td>
<td>7-0.6&quot;</td>
<td>1, 1-1/4&quot;, 1-3/8&quot;</td>
<td>PLA-63-450 YE</td>
<td>U00044063</td>
</tr>
<tr>
<td>3&quot; (76mm)</td>
<td>1 3/4&quot;</td>
<td></td>
<td>PLA-90-450 YE</td>
<td>U00044090</td>
</tr>
<tr>
<td>3-3/8&quot; (85mm)</td>
<td>12-0.6&quot;</td>
<td></td>
<td>PLA-90-450 YE</td>
<td>U00044090</td>
</tr>
<tr>
<td>4&quot; (100mm)</td>
<td>2-1/2&quot;</td>
<td></td>
<td>PLA-90-450 YE</td>
<td>U00044090</td>
</tr>
<tr>
<td>4&quot; (100mm)</td>
<td>19-0.6&quot;</td>
<td></td>
<td>PLA-115-450 BK</td>
<td>U00044115</td>
</tr>
<tr>
<td>4-1/2&quot; (115mm)</td>
<td>27-0.6&quot;</td>
<td></td>
<td>PLA-125-450 YE</td>
<td>U00044125</td>
</tr>
<tr>
<td>5-1/8&quot; (130mm)</td>
<td>31-0.6&quot;, 37-0.6&quot;</td>
<td></td>
<td>PLA-160-450 BK</td>
<td>U00044160</td>
</tr>
</tbody>
</table>

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**HEAT SHRINK SLEEVE SIZES FOR INTERNAL GROUTED APPLICATIONS**

**DRAWING NUMBER:**
U00044000

**REV. DATE NAME ECRN**

**DIMENSIONS:** INCH [mm]

**SCALE NTS**

**PART NUMBERS:**

**SEE TABLE ABOVE**

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**DYWIDAG-SYSTEMS INTERNATIONAL, USA, INC.**
320 MARON DRIVE - BOLINGBROOK, IL 60440
PHONE: 630-739-1100 FAX: 630-739-1405