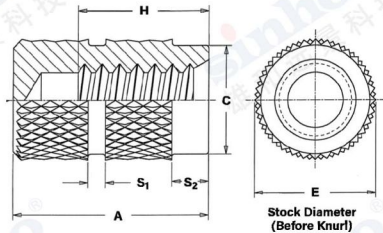


IIB



| 编码规则 PART NUMBER DESIGNATION |             |             |                                               |                       |
|------------------------------|-------------|-------------|-----------------------------------------------|-----------------------|
| IIB                          | 25          | 4           | C                                             | C                     |
| Type                         | Thread Code | Length Code | Materials Code                                | Finish Code           |
| 类型                           | 螺纹代码        | 长度代码        | 材料代码                                          | 表面处理代码                |
|                              | M2.5x0.45   | 4(4.78mm)   | C: Brass<br>A: Aluminum<br>S: Stainless Steel | C: Clean<br>N: Nickel |

All dimensions are in millimeters.

| METRIC 公制 | Type | Thread Size x Pitch | Thread Code | Length A±0.13 / H Min.   |            |             |             |             | E Nom. | C ±0.13 | S1 Nom. | S2 Nom. | Minor Dia. Min./Max. |
|-----------|------|---------------------|-------------|--------------------------|------------|-------------|-------------|-------------|--------|---------|---------|---------|----------------------|
|           |      |                     |             | Min. No. of Full Threads |            |             |             |             |        |         |         |         |                      |
|           |      |                     |             | 4                        | 6          | 8           | 10          | 12          |        |         |         |         |                      |
|           | IIB  | M2.5x0.45           | 25          | 4.78/2.01                | 6.35/2.87  | 7.14/3.74   | 9.53/4.6    | 10.31/5.47  | 4.78   | 4.34    | 0.80    | 0.80    | 2.03/2.14            |
|           | IIB  | M3x0.5              | 30          | 5.21/2.21                | 7.13/3.21  | 8.73/4.21   | 10.31/5.21  | 11.13/6.21  | 4.78   | 4.34    | 0.80    | 0.80    | 2.47/2.59            |
|           | IIB  | M3.5x0.6            | 35          | 6.35/2.62                | 8.73/3.81  | 10.31/5.02  | 11.91/6.22  | 13.48/7.42  | 5.56   | 5.13    | 0.80    | 1.60    | 2.87/3.01            |
|           | IIB  | M4x0.7              | 40          | 6.35/3.08                | 8.73/4.47  | 10.31/5.89  | 11.91/7.29  | 13.48/8.69  | 6.35   | 5.74    | 1.20    | 1.60    | 3.25/3.42            |
|           | IIB  | M5x0.8              | 50          | 7.31/3.49                | 11.12/5.09 | 13.48/6.69  | 11.91/8.29  | 13.48/9.89  | 7.14   | 6.57    | 1.20    | 1.60    | 4.15/4.34            |
|           | IIB  | M6x1                | 60          | 8.73/4.37                | 13.49/6.37 | 15.87/8.37  | 18.26/10.57 | 20.8/12.37  | 8.74   | 8.15    | 1.60    | 2.40    | 4.94/5.16            |
|           | IIB  | M8x1.25             | 80          | 11.13/5.72               | 15.09/7.82 | 18.24/10.32 | 20.62/12.82 | 22.23/15.32 | 11.13  | 10.26   | 1.98    | 2.40    | 6.68/6.92            |

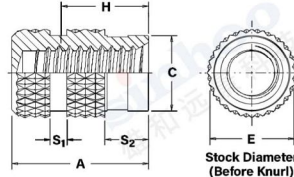
All dimensions are in inches.

| Type | Thread Size       | Thread Code | Length A±.005 / H Min.   |           |           |           |           | E Nom. | C ±.005 | S1 Nom. | S2 Nom. | Minor Dia. Min./Max. |
|------|-------------------|-------------|--------------------------|-----------|-----------|-----------|-----------|--------|---------|---------|---------|----------------------|
|      |                   |             | Min. No. of Full Threads |           |           |           |           |        |         |         |         |                      |
|      |                   |             | 4                        | 6         | 8         | 10        | 12        |        |         |         |         |                      |
| IIB  | .086-56 (#2-56)   | 256         | .156/.080                | .219/.115 | .250/.150 | .312/.185 | .344/.220 | .156   | .142    | .03     | .03     | .067/.0737           |
| IIB  | .112-40 (#4-40)   | 440         | .205/.110                | .281/.160 | .344/.210 | .406/.260 | .438/.310 | .188   | .171    | .03     | .03     | .086/.0939           |
| IIB  | .138-32 (#6-32)   | 632         | .250/.135                | .344/.200 | .406/.260 | .469/.325 | .531/.385 | .219   | .202    | .03     | .06     | .105/.114            |
| IIB  | .164-32 (#8-32)   | 832         | .250/.135                | .344/.200 | .406/.260 | .469/.325 | .531/.385 | .250   | .226    | .05     | .06     | .131/.139            |
| IIB  | .190-24 (#10-24)  | 024         | .356/.175                | .438/.260 | .531/.345 | .625/.425 | .716/.510 | .281   | .259    | .05     | .06     | .146/.156            |
| IIB  | .190-32 (#10-32)  | 032         | .281/.135                | .438/.200 | .531/.260 | .469/.325 | .531/.385 | .281   | .259    | .05     | .06     | .157/.164            |
| IIB  | .250-20 (1/4-20)  | 0420        | .344/.200                | .531/.315 | .625/.415 | .719/.515 | .819/.615 | .344   | .321    | .06     | .09     | .197/.207            |
| IIB  | .313-18 (5/16-18) | 0518        | .438/.235                | .594/.345 | .719/.460 | .811/.570 | .949/.680 | .438   | .404    | .078    | .094    | .254/.265            |
| IIB  | .375-16 (3/8-16)  | 0616        | .500/.265                | .688/.390 | .812/.515 | .935/.640 | 1.00/.765 | .500   | .466    | .094    | .094    | .309/.321            |

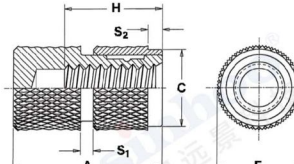
IIBL



Style #1



Style #2



| 编码规则 PART NUMBER DESIGNATION |             |             |                                               |                       |
|------------------------------|-------------|-------------|-----------------------------------------------|-----------------------|
| IIBL                         | 30          | 8A          | S                                             | C                     |
| Type                         | Thread Code | Length Code | Materials Code                                | Finish Code           |
| 类型                           | 螺纹代码        | 长度代码        | 材料代码                                          | 表面处理代码                |
|                              | M3x0.5      | 8A(8.73mm)  | C: Brass<br>A: Aluminum<br>S: Stainless Steel | C: Clean<br>N: Nickel |

All dimensions are in millimeters.

| METRIC 公制尺寸 | Type | Thread Size x Pitch | Thread Code | Length Code |          | A<br>±0.13 | E<br>Nom. | C ±0.13  |          | S1<br>±0.13 | S2 ±0.13 |           | Minor Dia.<br>Min./Max. | H<br>Min. | First Cycle on Locking Torque(N·m) |      |
|-------------|------|---------------------|-------------|-------------|----------|------------|-----------|----------|----------|-------------|----------|-----------|-------------------------|-----------|------------------------------------|------|
|             |      |                     |             | Style #1    | Style #2 |            |           | Style #1 | Style #2 |             | Style #1 | Style #2  |                         |           | Min.                               | Max. |
|             | IIBL | M3x0.5              | 30          | 8           | 8A       | 8.73       | 4.78      | 4.34     | 4.57     | 0.80        | 3.30     | 0.80      | 2.48/2.59               | 4.21      | 0.06                               | 0.60 |
|             | IIBL | M4x0.7              | 40          | 8           | 8A       | 10.31      | 6.35      | 5.74     | 5.97     | 1.20        | 3.30     | 1.60      | 3.26/3.42               | 5.89      | 0.16                               | 1.60 |
|             | IIBL | M5x0.8              | 50          | 8           | 8A       | 13.48      | 7.14      | 6.58     | 6.86     | 1.20        | 3.30     | 1.60      | 4.15/4.34               | 6.69      | 0.23                               | 2.10 |
| IIBL        | M6x1 | 60                  | 8           | 8A          | 15.87    | 8.73       | 7.57      | 8.26     | 1.60     | 3.80        | 2.40     | 4.95/5.15 | 8.37                    | 0.37      | 3.20                               |      |

All dimensions are in inches.

| Type | Thread Size         | Thread Code | Length Code |          | A<br>±.005 | E<br>Nom. | C ±.005  |          | S1<br>±.005 | S2 ±.005 |          | Minor Dia.<br>Min./Max. | H<br>Min. | First Cycle on Locking<br>Torque(in.lbs.) |      |
|------|---------------------|-------------|-------------|----------|------------|-----------|----------|----------|-------------|----------|----------|-------------------------|-----------|-------------------------------------------|------|
|      |                     |             | Style #1    | Style #2 |            |           | Style #1 | Style #2 |             | Style #1 | Style #2 |                         |           | Min.                                      | Max. |
|      |                     |             |             |          |            |           |          |          |             |          |          |                         |           |                                           |      |
| IIBL | .086-56<br>(#2-56)  | 256         | -           | 8A       | 0.25       | .156      | -        | .150     | .030        | -        | .030     | .067/.0737              | .150      | .02                                       | 2.5  |
| IIBL | .112-40<br>(#4-40)  | 440         | 8           | 8A       | 0.344      | .188      | .171     | .180     | .030        | .130     | .030     | .086/.0939              | .210      | .05                                       | 5    |
| IIBL | .138-32<br>(#6-32)  | 632         | 8           | 8A       | 0.406      | .219      | .195     | .200     | .050        | .130     | .030     | .105/.114               | .260      | 1                                         | 10   |
| IIBL | .164-32<br>(#8-32)  | 832         | 8           | 8A       | 0.406      | .250      | .226     | .235     | .050        | .130     | .060     | .131/.139               | .260      | 1.5                                       | 15   |
| IIBL | .190-32<br>(#10-32) | 032         | 8           | 8A       | 0.531      | .281      | .259     | .270     | .050        | .130     | .060     | .157/.164               | .260      | 2                                         | 18   |
| IIBL | .250-20<br>1/4-20   | 0420        | 8           | 8A       | 0.625      | .344      | .298     | .325     | .060        | .150     | .060     | .197/.207               | .415      | 4.5                                       | 30   |