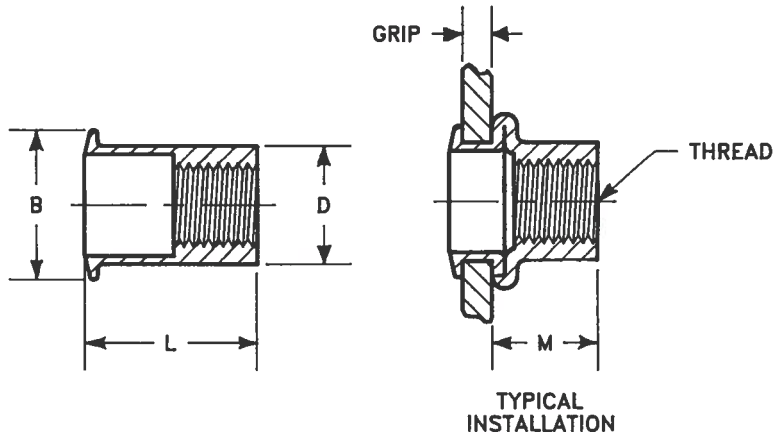


# ITR FASTENER® TECHNICAL SPECIFICATIONS

"D" Series (Large Head)



| PART NUMBER  | THREAD SIZE   | MATERIAL THICKNESS<br>(Grip Range) | DIMENSIONS |            |            | INSTALL HOLE SIZE | INSTALL DRILL SIZE | M REF. |
|--------------|---------------|------------------------------------|------------|------------|------------|-------------------|--------------------|--------|
|              |               |                                    | L<br>(Max) | B<br>(Nom) | D<br>(Max) |                   |                    |        |
| ITR6-80SD    | #6-32UNC-2B   | .020-.080                          | .460       | .375       | .265       | .266-.272         | H                  | .275   |
| ITR6-130SD   | #6-32UNC-2B   | .080-.130                          | .510       | .375       | .265       | .266-.272         | H                  | .275   |
| ITR8-80SD    | #8-32UNC-2B   | .020-.080                          | .460       | .375       | .265       | .266-.272         | H                  | .275   |
| ITR8-130SD   | #8-32UNC-2B   | .080-.130                          | .510       | .375       | .265       | .266-.272         | H                  | .275   |
| ITR10-130SD  | #10-32UNC-2B  | .020-.130                          | .515       | .400       | .296       | .297-.303         | 19/64              | .300   |
| ITR10-225SD  | #10-32UNC-2B  | .130-.225                          | .625       | .400       | .296       | .297-.303         | 19/64              | .300   |
| ITR25-165SD  | 1/4-20UNC-2B  | .027-.165                          | .620       | .500       | .390       | .391-.397         | 25/64              | .340   |
| ITR25-260SD  | 1/4-20UNC-2B  | .165-.260                          | .720       | .500       | .390       | .391-.397         | 25/64              | .340   |
| ITR31-165SD  | 5/16-18UNC-2B | .027-.165                          | .735       | .670       | .530       | .531-.538         | 17/32              | .420   |
| ITR31-312SD  | 5/16-18UNC-2B | .165-.312                          | .850       | .670       | .530       | .531-.538         | 17/32              | .420   |
| ITR37-165SD  | 3/8-16UNC-2B  | .027-.165                          | .735       | .670       | .530       | .531-.538         | 17/32              | .420   |
| ITR37-312SD  | 3/8-16UNC-2B  | .165-.312                          | .850       | .670       | .530       | .531-.538         | 17/32              | .420   |
| ITRM4-2.0SD  | M4x0.7-6H     | 0.50-2.00                          | 11.70      | 9.50       | 6.75       | 6.80-6.95         | 6.80               | 6.5    |
| ITRM4-3.3SD  | M4x0.7-6H     | 2.00-3.30                          | 13.00      | 9.50       | 6.75       | 6.80-6.95         | 6.80               | 7.0    |
| ITRM5-3.3SD  | M5x0.8-6H     | 0.50-3.30                          | 13.10      | 10.10      | 7.55       | 7.55-7.70         | 7.60               | 7.6    |
| ITRM5-5.7SD  | M5x0.8-6H     | 3.30-5.70                          | 15.90      | 10.10      | 7.55       | 7.55-7.70         | 7.60               | 7.6    |
| ITRM6-4.2SD  | M6x1.0-6H     | 0.70-4.20                          | 15.75      | 12.70      | 9.90       | 9.95-10.10        | 10.00              | 8.6    |
| ITRM6-6.6SD  | M6x1.0-6H     | 4.20-6.60                          | 18.30      | 12.70      | 9.90       | 9.95-10.10        | 10.00              | 8.6    |
| ITRM8-4.2SD  | M8x1.25-6H    | 0.70-4.20                          | 18.65      | 17.00      | 13.50      | 13.50-13.65       | 13.50              | 10.7   |
| ITRM8-7.9SD  | M8x1.25-6H    | 4.20-7.90                          | 21.60      | 17.00      | 13.50      | 13.50-13.65       | 13.50              | 10.7   |
| ITRM10-4.2SD | M10x1.50-6H   | 0.70-4.20                          | 18.65      | 17.00      | 13.50      | 13.50-13.65       | 13.50              | 10.7   |
| ITRM10-7.9SD | M10x1.50-6H   | 4.20-7.90                          | 21.60      | 17.00      | 13.50      | 13.50-13.65       | 13.50              | 10.7   |

### Fastener Specifications:

Material: Steel C-1008, C-1010  
 Finish: Zinc Plate per ASTM B633  
 FE / ZN 8 Type II  
 (Cad Plate Available)

### Part Number Explanation:

Example: ITR6-80SD

I T R    6        80        S    D  
 ITR Fastener®    Thread Size    Grip Range    Steel    "D" Series