

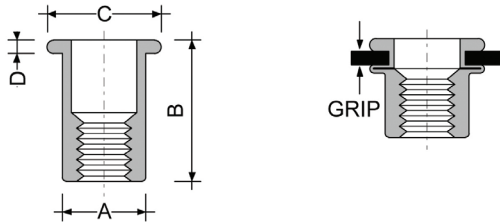
## IN78 Series

Large Flange / Open End

Optimal for high push-out applications. Dimensioned for installation into hard metric holes. Tapered entry. Splined body improves torque-to-turn resistance.

**Material:** Aluminium alloy (2.5% Mg) to AA 5052

**Finish:** Chemically brightened



| Thread Size | Part Code | Grip<br>mm | Hole<br>mm | A<br>mm | B<br>mm | C<br>mm | D<br>mm | Push Out<br>Kgf | Pull Out<br>Kgf | Ultimate Torque<br>Kgf.cm |
|-------------|-----------|------------|------------|---------|---------|---------|---------|-----------------|-----------------|---------------------------|
| M3          | IN78-0315 | 0.5-1.5    | 5.1        | 5.0     | 9.8     | 8.0     | 0.8     | –               | –               | –                         |
|             | IN78-0425 | 0.8-2.5    | 6.1        | 6.0     | 11.3    | 9.0     | 0.8     | 100             | 400             | 40                        |
| M4          | IN78-0435 | 2.5-3.5    | 6.1        | 6.0     | 12.3    | 9.0     | 0.8     | 100             | 400             | 40                        |
|             | IN78-0525 | 0.8-2.5    | 7.1        | 7.0     | 12.5    | 10.0    | 1.0     | 150             | 500             | 70                        |
| M5          | IN78-0535 | 2.5-3.5    | 7.1        | 7.0     | 13.5    | 10.0    | 1.0     | 150             | 500             | 70                        |
|             | IN78-0625 | 1.0-2.5    | 9.1        | 9.0     | 15.0    | 12.5    | 1.5     | 200             | 800             | 100                       |
| M6          | IN78-0640 | 2.5-4.0    | 9.1        | 9.0     | 16.5    | 12.5    | 1.5     | 200             | 800             | 100                       |
|             | IN78-0825 | 1.0-2.5    | 11.1       | 11.0    | 16.5    | 14.5    | 1.5     | 250             | 900             | 200                       |
| M8          | IN78-0840 | 2.5-4.0    | 11.1       | 11.0    | 18.0    | 14.5    | 1.5     | 250             | 1000            | 200                       |
|             | IN78-1025 | 1.0-2.5    | 13.1       | 13.0    | 17.0    | 16.5    | 1.5     | 300             | 1300            | 250                       |
| M10         | IN78-1040 | 2.5-4.0    | 13.1       | 13.0    | 18.5    | 16.5    | 1.5     | 400             | 1300            | 250                       |

1Kgf.cm = 0.098 N.m Kgf = 9.807N

1022

Dimensions and specifications are subject to change without notice. Check your distributor for the latest data sheet. The test data provides approximate strength values averaged in multiple tests in various materials and thicknesses. We recommend testing your application when an exact strength figure is required, or the load to be applied comes close to the published data.