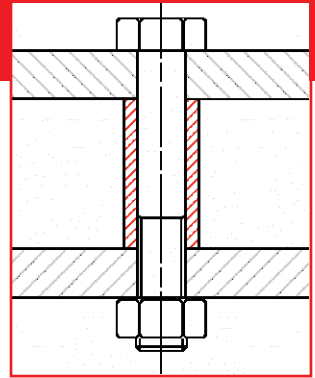


# SPACERS AND CONNECTORS



Spacer under compression

We offer a standard range of spacers in both clearance and threaded form. Spacers are normally used to allow two parts of an assembly to be fastened together at a controlled distance from each other.

## Types of spacers:

- Clearance spacers, which are fastened with a nut and bolt, and where the inside diameter of the spacer is slightly larger than the bolt diameter.
- Threaded spacers, where the inside of the spacer is tapped, to enable a screw to fasten it into place.

## CLEARANCE SPACERS / ROLLED SPACERS

For applications where the lowest cost is required and where a high compression strength is not necessary, we offer our range of closed-seam rolled spacers. These are supplied in mild steel, zinc plated.

## SIZE RANGE - ROLLED SPACERS

| Nominal Size          | 2        | 2.5  | 3    | 3.5  | 4    | 5    | 6    | 8     | 10    |       |
|-----------------------|----------|------|------|------|------|------|------|-------|-------|-------|
| Inside 'ID' Diameter  | Min      | 2.15 | 2.65 | 3.15 | 3.65 | 4.15 | 5.20 | 6.20  | 8.20  | 10.20 |
|                       | Max      | 2.30 | 2.80 | 3.30 | 3.80 | 4.30 | 5.40 | 6.40  | 8.50  | 10.50 |
| Wall Thickness        | 0.30     | 0.30 | 0.50 | 0.50 | 0.70 | 0.70 | 0.90 | 1.10  | 1.20  |       |
| Outside Diameter 'OD' | 2.90     | 3.40 | 4.30 | 4.80 | 5.70 | 6.80 | 8.20 | 10.70 | 12.90 |       |
| Lengths in mm         |          |      |      |      |      |      |      |       |       |       |
| 4                     |          |      |      |      |      |      |      |       |       |       |
| 6                     |          |      |      |      |      |      |      |       |       |       |
| 8                     |          |      |      |      |      |      |      |       |       |       |
| 10                    |          |      |      |      |      |      |      |       |       |       |
| 12                    |          |      |      |      |      |      |      |       |       |       |
| 14                    |          |      |      |      |      |      |      |       |       |       |
| 16                    |          |      |      |      |      |      |      |       |       |       |
| 18                    |          |      |      |      |      |      |      |       |       |       |
| 20                    |          |      |      |      |      |      |      |       |       |       |
| 22                    |          |      |      |      |      |      |      |       |       |       |
| 24                    |          |      |      |      |      |      |      |       |       |       |
| 26                    |          |      |      |      |      |      |      |       |       |       |
| 28                    |          |      |      |      |      |      |      |       |       |       |
| 30                    |          |      |      |      |      |      |      |       |       |       |
| 35                    |          |      |      |      |      |      |      |       |       |       |
| 40                    |          |      |      |      |      |      |      |       |       |       |
| 45                    |          |      |      |      |      |      |      |       |       |       |
| 50                    |          |      |      |      |      |      |      |       |       |       |
| 55                    |          |      |      |      |      |      |      |       |       |       |
| 60                    |          |      |      |      |      |      |      |       |       |       |
| 65                    |          |      |      |      |      |      |      |       |       |       |
| 70                    |          |      |      |      |      |      |      |       |       |       |
| Length Tolerance      | ± 0.15mm |      |      |      |      |      |      |       |       |       |

