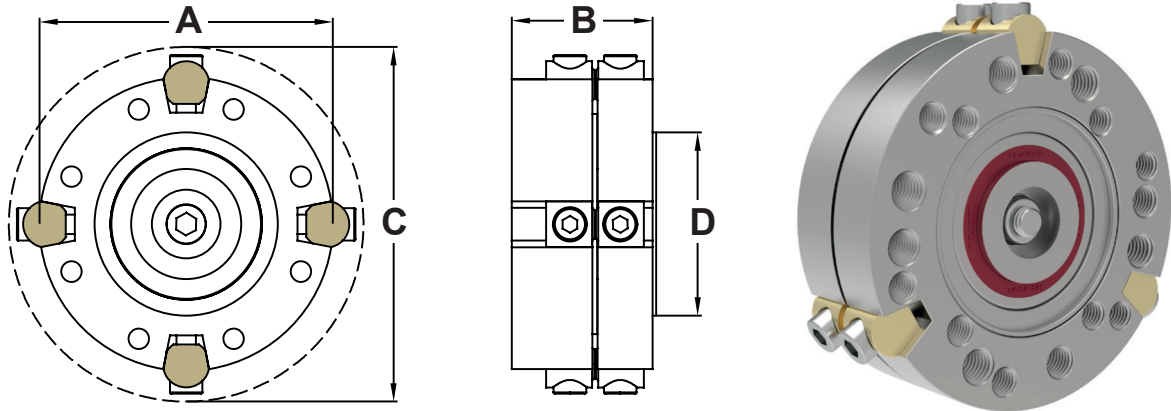


# Wedgegard® Type DIN Spacer Manual Reset

DATASHEET Version 11/2023 - mm-Nm



- Fits standard DIN UJ (Universal Joint) companion flanges.
- Release torque is adjustable by Wedgepin ratings.
- The maximum release torque is based on maximum Wedgepin capacity and not Universal Joint shaft capacity- Check your Universal.
- Joint shaft manufacturers max load rating.
- Adaptor Flange maybe required when fitting to PTO Gear Box Flange.
- Spigot diameters may change on higher rated Universal Joint shafts
- Sizes 150 and above are supplied with face keyways.
- When selecting high overloads always limit the release torque to 90% of Universal Joint shaft manufacturers full load rating.
- Non Standard units can be made to order.
- Higher Release/Shear Torques may be available.**

| Size - DIN                            |       | 90         | 100        | 120        | 150        | 180        | 180        | 225         | 250         | 285         | 315         | 350         | 390         | 435         |
|---------------------------------------|-------|------------|------------|------------|------------|------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| UJ Shaft Size                         |       | 90         | 100        | 120        | 150        | 180        | 180        | 225         | 250         | 285         | 315         | 350         | 390         | 435         |
| Max Release/<br>Shear Torque<br>(Nm)  | Brass | 2028       | 2028       | 6167       | 7790       | 9413       | 15968      | –           | –           | –           | –           | –           | –           | –           |
|                                       | Steel | 2785       | 2785       | 8470       | 10699      | 12928      | 21931      | 59924       | 67415       | 77901       | 106875      | 129375      | 135000      | 151875      |
| Wedgeslot Quantity &<br>Wedgepin Type |       | 3 x<br>W37 | 3 x<br>W37 | 4 x<br>W50 | 4 x<br>W50 | 4 x<br>W50 | 4 x<br>W75 | 4 x<br>W100 | 4 x<br>W100 | 4 x<br>W100 | 4 x<br>W120 | 4 x<br>W120 | 4 x<br>W120 | 4 x<br>W120 |
| Pin Working Radius<br>(PWR)           |       | 47         | 47         | 57         | 72         | 87         | 80.5       | 100         | 112.5       | 130         | 142.5       | 172.5       | 180         | 202.5       |
| Outside Diameter (A)                  |       | 100        | 100        | 120        | 150        | 180        | 180        | 225         | 250         | 285         | 315         | 375         | 390         | 435         |
| Length (B)                            |       | 37         | 36         | 58         | 73         | 66.5       | 66.5       | 82          | 89          | 115         | 136         | 150         | 150         | 195         |
| Clearance Diameter (C)                |       | 115        | 115        | 140        | 180        | 210        | 210        | 265         | 290         | 325         | 360         | 430         | 450         | 480         |
| Spigot Diameter (D)                   |       | 47         | 57         | 75         | 90         | 110        | 110        | 105         | 105         | 145         | 175         | 220         | 170         | 190         |
| Bolt Fixing Quantity &<br>Size        |       | 4 x M8     | 6 x M8     | 8 x M10    | 8 x<br>M12 | 8 x M14    | 8 x M14    | 8 x M16     | 8 x M18     | 8 x M20     | 10 x M22    | 10 x M22    | 10 x M24    | 16 x M27    |
| Bolt Fixing P.C.D.                    |       | 74.5       | 84         | 101.5      | 130        | 155.5      | 155.5      | 196         | 218         | 245         | 280         | 310         | 345         | 385         |

\*All dimensions in mm unless otherwise specified

Maximum Release / Shear Torques shown are for a FULL complement of RED coded Wedgepins fitted – for the complete torque range see DIN Spacer Torque Tables.

Dimensions and specifications may change for improvement without notice.

All figures are shown as a guide and should be considered approximate. Contact Howdon for more detailed figures for your specific requirements.

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Can't find the torque limiter you're looking for? Howdon offers a bespoke engineering design service.

Tel: +44 (0)1453 750814  
Fax: +44 (0)1453 765320  
www.howdon.co.uk  
sales@howdon.co.uk

