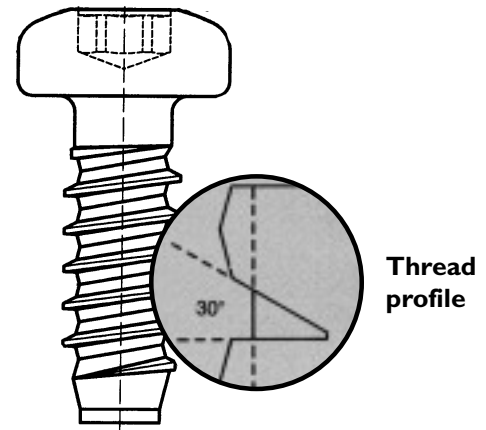


DG®-screw for light metals

The DG®-screw is developed for light metal castings, particular aluminium, zinc and magnesium alloys. It is also suitable for reinforced thermoplastic materials.



Advantages:

- High buckling safety.
- High resistance against upsetting.
- No chips.

Table 136 Recommended hole diameters for DG-screw

| Material Brinell hardness depth HB 5/250 | Nominal screw diameter | | | | | | | Installation depth (mm) |
|--|------------------------|-------------------|-------------------|-------------------|----------------------|-------------------|-------------------|------------------------------|
| | DG 25 | DG 30 | DG 35 | DG 40 | DG 50 | DG 60 | DG 80 | |
| GD Al Si12 60-100 (values according to DIN 1725) | 2.35 - - | 2.80 2.80 - | 3.25 3.25 - | 3.70 3.70 - | 4.70 4.75 4.80 | - 5.65 5.75 | - 7.60 7.70 | 3.0- 6.0 6.0-10.0 10.0 |
| GD Al Si9 Cu3 80-120 (values according to DIN 1725) | 2.35 - - | 2.75 2.80 - | 3.20 3.25 - | 3.65 3.70 - | 4.65 4.70 4.75 | - 5.65 5.70 | - 7.55 7.65 | 3.0- 6.0 6.0-10.0 10.0 |
| GD Zn Al4 Cu1 85-105 (values according to DIN 1743) | 2.35 - - | 2.80 2.80 - | 3.30 3.30 - | 3.75 3.75 - | 4.75 4.75 4.85 | - 5.70 5.80 | - 7.65 7.75 | 3.0- 6.0 6.0-10.0 10.0 |