



Dimensions and tolerances

Leaf springs

Valid for the following products:

S-Ply® yellow / S-Ply® yellow HT / S-Ply® blue / S-Ply® carbon

A: length / width / thickness

- Production length: 10 – 1,150 mm (all intermediate dimensions possible)
- Production width: 10 – 650 mm (all intermediate dimensions possible)
- Production thickness: 0.75 – 30 mm (in steps of 0.25 mm)
- Special dimensions on request

B: Length and width tolerances

Nominal dimension	Tolerance
up to 6 mm	± 0.1 mm
up to 30 mm	± 0.2 mm
up to 120 mm	± 0.3 mm
up to 400 mm	± 0.5 mm
up to 1,000 mm	± 0.8 mm
up to 1,500 mm	± 1.2 mm
up to 2,000 mm	± 1.5 mm

C: Thickness tolerances

Nominal thickness	Tolerance
up to 1.25 mm	± 0.12 mm
up to 2.00 mm	± 0.15 mm
up to 4.00 mm	± 0.22 mm
up to 6.50 mm	± 0.27 mm
up to 12.00 mm	± 0.328 mm
up to 20.00 mm	± 1.36 mm
up to 30.00 mm	± 1.45 mm

D: Tolerances of shape and position

Nominal thickness	Parallel tolerance
up to 5 mm	± 0.10 mm
up to 12 mm	± 0.15 mm
up to 30 mm	± 0.20 mm

E: Surface and edges

- The surface condition depends on the available separating materials during the pressing process.
- The cut surface quality that obtained from using diamond cutting discs.
- The edges on the spring and boreholes are not deburred.
- Edge deburring and rounding on request.

Glass-reinforced laminate

Valid for the following products:

GRL green / GRL blue

Length / width / thickness

- Production length: 10 – 1,150 mm
- Production widths: 10 – 650 mm
- Production thicknesses GRL green: 0.5 / 1.0 mm
- Production thicknesses GRL blue: 1.0 mm

Thickness tolerances

Nominal thickness	Tolerance
0.5 mm	± 0.10 mm
1.0 mm	± 0.15 mm