ESZ Type 100 | for static component bearing

t = 10 mm | 20 mm

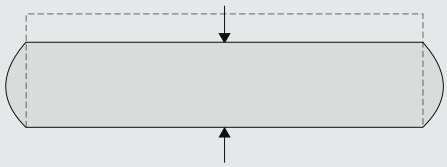

Figure 1

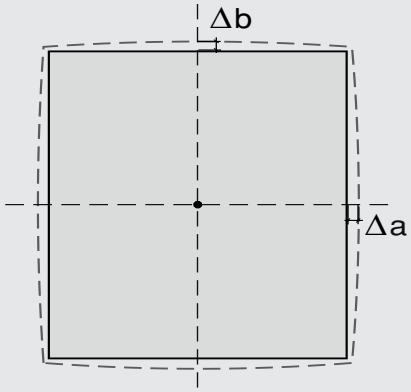

Figure 2

Compression curves with the corresponding degrees of spread for selected bearing formats are illustrated in the form of diagrams on the following pages.

The orientation diagrams enable an estimation of the bearing cushioning in relation to the existing compressive stress. The curves were determined on contact surfaces made of reinforced concrete with central load application. The evaluation at the third load branch is shown in each diagram. In construction practice the cushioning can deviate from the values of the compression characteristic zone depending on the properties of the substrate, deviations of the contact surfaces from plane parallelism and any twisting/skewing that may occur. The cushioning lessens as the bearing footprint sizes increase.

The degree of spread depends on the nominal bearing thickness and the permissible design compressive stress. The degrees of spread in the diagrams on page 3 refer to one side of the bearing in accordance with figure 2.

On request we will determine for you the cushioning and degree of spread of bearing formats not included.

The bearing thicknesses 10 mm and 20 mm are each combined in one diagram, where t = 10 is shown in green and t = 20 mm in red.

Weilerhöfe 1
41564 Kaarst-Büttgen
Phone: +49 (0) 2131 75 81 00
Fax: +49 (0) 2131 75 81 11
info@esz-becker.de

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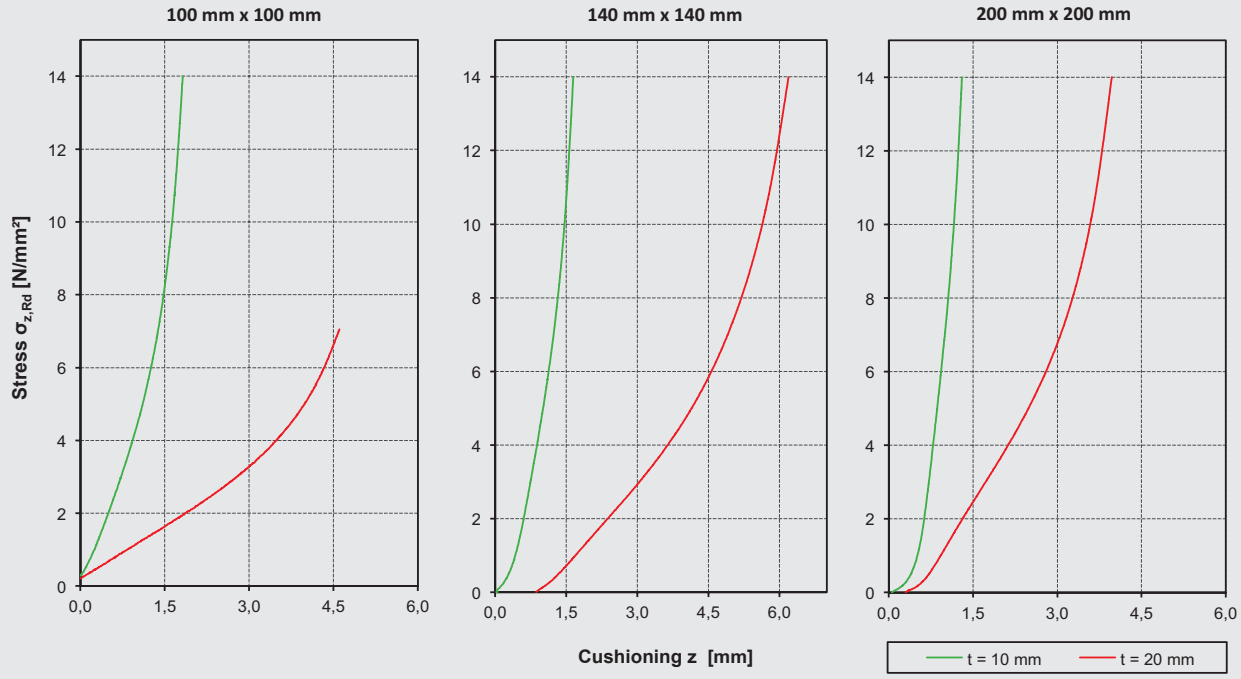
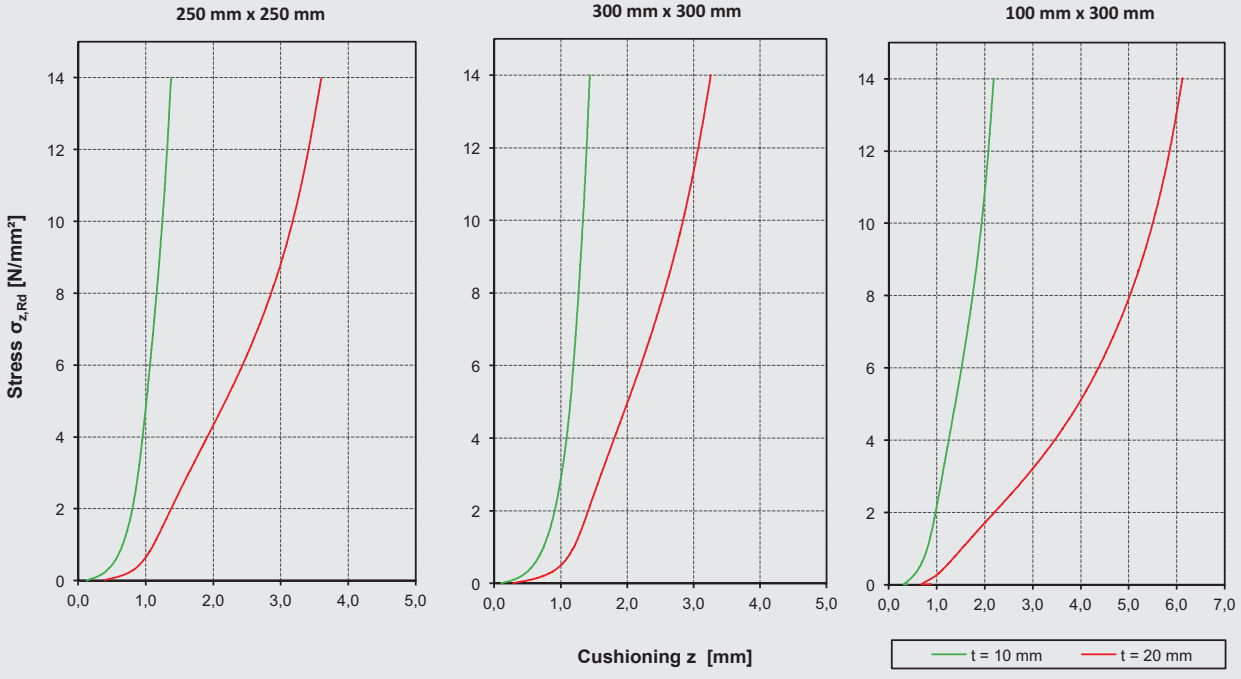
t = 10 mm | 20 mm





Weilerhöfe 1
41564 Kaarst-Büttgen
Phone: +49 (0) 2131 75 81 00
Fax: +49 (0) 2131 75 81 11
info@esz-becker.de