



GEWE®-point

We get to the point with glass ideas



Glazing systems as point-supported constructions offer the maximum amount of transparency and allow the metal constructions to fade away into the background. We supervise projects starting from the initial stages such as construction planning through to statics and then right up to the supply and assembly stages. We are able to implement ideas and visions thanks to the GEWE®-point System as well as our competency in glass engineering,

As a matter of principle, we place the highest quality standards upon all materials that are used. Therefore, all of the point retainer models belonging to the GEWE®-point System possess a German “General Technical Approval” (AbZ) for the most various of applications.

The GEWE®-point System glazing is exclusively comprised of thermally toughened safety glass types: GEWE-dur®, GEWE-tvg® or GEWE-safe®. The most various of float glass products may also be

used – even in coloured quality or clear glass (low iron content), as well as coated glass. The glass thickness varies depending on the static requirement. With regards to float glass and clear glass, the range varies from 8 mm up to 19 mm. When dealing with coloured and coated glass, the maximum amount is 10 mm. All float glass based glass can also be designed with the most various of screen printing designs – full area or part area, one colour or multiple colours.

To the point:

- German “General Technical Approval” for all point retainer models on offer
- Use of float glass based safety glass
- Individual presentation via screen printing
- Extension via spider system entitled “GEWE®-point spider”
- Choice of retainer models in elastic mounting or fixed mounting



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The elastically mounted point retainers have been specially developed in order to enable tension-free forming of the glazing as well as to accordingly discharge the strain into the sub-construction. This is enabled via an elastomer bearing in the centre of the retainer that additionally offers the following advantages:

- Improved impact load thanks to the spring back effect of the elastomers
- In the event of an impact load, the axial absorption is possible in various directions
- The retainer is flexible
- The mounting enables an even distribution of energy
- Quick and clean assembly thanks to optimally aligned assembly-mounting concept with twisting ability as well as tolerance and temperature equalisation.

The fixed point retainers are especially used where lower external loads (e.g. wind loads) affect the unit and a filigree architecture is to be achieved.

In order to connect the GEWE®-point System and the sub-construction, we offer the GEWE®-point-Spider as an extension. One, two and four armed spiders are available depending on the position of the spider within the construction.



GEWE®-point System with Spider

Application	GEWE®-point Retainer System
<p>Façades</p> <p>In order to design the external shell of the building in a transparent manner, new and novel constructive glass applications are being used. Aesthetics as well as heat / noise insulation can be ideally combined with glass façades.</p>	<p>PH 705, PH 707, PH 701, PH 703, PH 791, PH 792, PH 790</p>
<p>Overhead glazing</p> <p>According to the “Technical Regulations for the use of Overhead Glazing with Linear Supports” (TRLV), glazing with a tilt amounting to more than 10° from the vertical belong to the overhead glazing group.</p>	<p>PH 707, PH 791</p>
<p>Safety Barrier Glazing</p> <p>All mechanically mounted glazing that serves to protect people from falling from areas of circulation is described under the term Safety Barrier Glazing.</p>	<p>PH 707, PH 791, PH 705, PH 793</p>

GEWE®-point Retainer types

Fixed, Stainless steel 1.4404:

- PH 705 Ø 52 attached
- PH 707 Ø 68 attached
- PH 701 Ø 26/52 embedded
- PH 703 Ø 42/68 embedded



PH 705



PH 707



PH 701



PH 703

Flexible, Stainless steel 1.4404:

- PH 791 Ø 68 attached
- PH 793 Ø 52 attached
- PH 792 Ø 26/52 embedded
- PH 790 Ø 42/68 embedded



PH 791



PH 793



PH 792



PH 790

Information with regards to further technical details concerning the point retainer types can be obtained from our Technical Support Department upon request.

SCHOLLGLAS GmbH

Schollstraße 4 · D-30890 Barsinghausen
Tel.: +49 (0) 5105 777-0 · Fax: +49 (0) 5105 777-118

www.schollglas.com



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