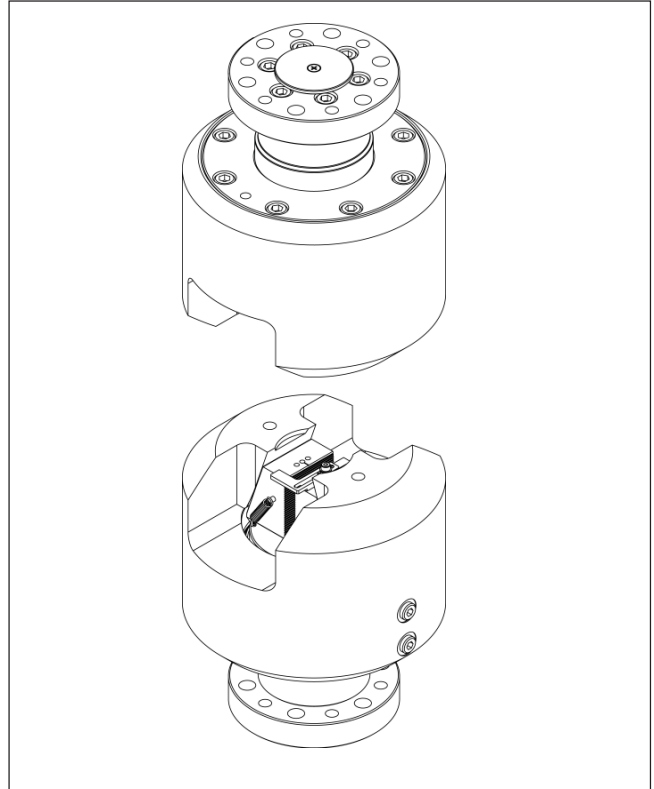


## Product Information

### Hydraulic wedge grips



### Applicational range

The hydraulic wedge grips are used in servo-hydraulic and static material testing machines.

The grips are designed for testing materials under tensile, compressive or alternating load, also combined with torsion load.

### Advantages

Specimen clamping is user friendly due to the narrow design of the grips. This design allows the user to observe the specimen while testing. The grips are recommended if an optical extensometer is used.

It is possible to maintain the gripping force at a constant level while testing.

### Characteristics

- Free of backlash through zero loading due to hydraulic operated wedges, with a parallel gripping force application on the specimen.
- Appropriate for torsion tests combined with axial load (optional).
- Small design for a user friendly handling and combined use with optical extensometers.
- Easy installation on the material testing machine by means of a mounting flange and adapters.
- Installation possibility in static and dynamic material testing machines due to fitted connection systems and hydraulic power packs.
- Scaling possibility through interchangeable inserts for flat and round specimens with various dimensions.

## Product Information

### Hydraulic wedge grips

		<b>BPS-GR0025.50</b>	<b>BPS-GR0100.50</b>	<b>BPS-GR0250.50</b>
Max. testing load (tensile and compression)	[kN]	25	100	250
Dimensions				
Installation height, single grip	[mm]	165	232	285
Diameter	[mm]	110	200	270
Optional:				
Max. torsional strength	[Nm]	400	1000	2000
Max. operating pressure	[bar]	210	210	210
<b>Flat specimen</b>				
Width, max.	[mm]	25	50	66
Thickness, max.	[mm]	14	26.5	30
<b>Round specimen</b>				
Max. diameter	[mm]	16	24	30

Operable at room ambient temperature.

Other parameters and temperature ranges are available on request.

<b>Accessories</b>	<b>Item No.</b>
Specimen grip control	
Hydrowin	BPS-HD0030.50.00
testControl	BTC-HYPU480.001
Stand-Alone	BUS-HYPU460.002
Jaw inserts	
Suitable jaw inserts for various specimen-shapes and -sizes are available on request.	

Technical changes reserved.