

WEDGE GRIPS 20, 50, 100 and 150 kN

Self-clamping specimen holders. The body moves upwards. The jaws move only horizontally. The main gripping force is generated during the test by wedging action.

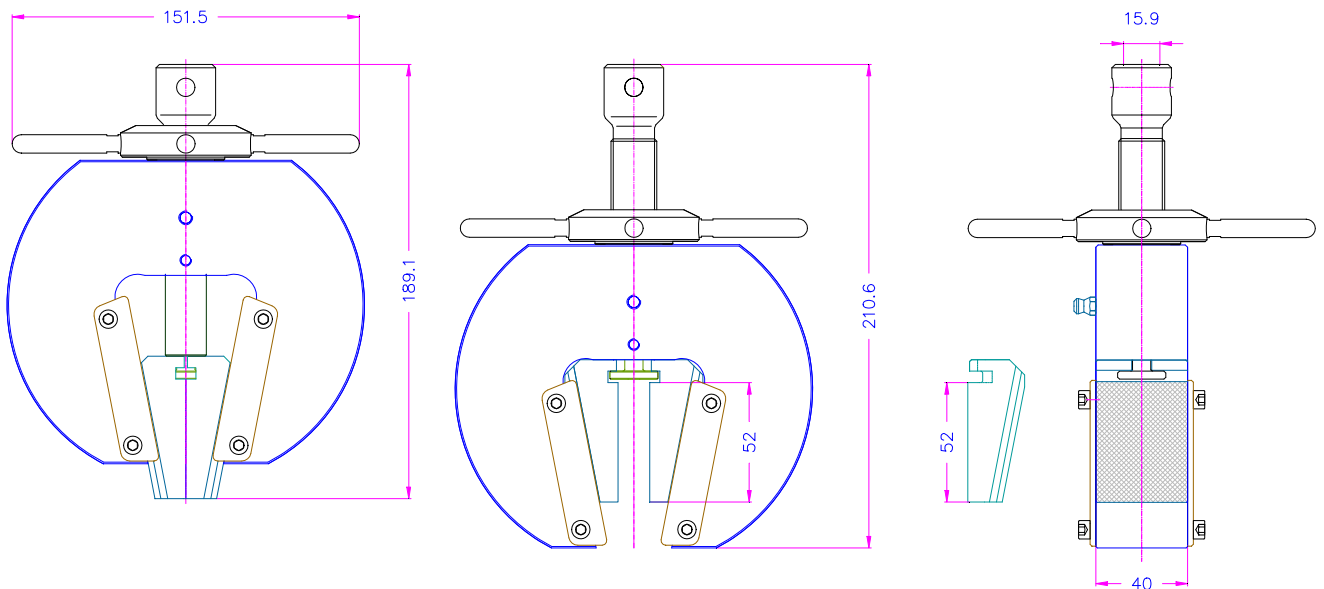
Open construction design - wider jaws are possible.

THS527-20

Item number:	THS527-20
Tensile force:	20 kN
Adapter:	Af159 and Af20 Adapters in other sizes possible on request
Grip dimensions:	Height: 189-211 mm (min. – max.) Width: 152 mm
Jaw clamping surface:	52 x 40 mm (height x width)
Temperature range:	0°C ... +130°C Further temperature ranges on request
Weight per grip incl. jaws:	5.5 kg
Scope of delivery:	1 pair of grips without jaws



THS527-20 with THS527-20-BP jaws



20kN 5.5kg

BP10	0-10	BV10	3-10 Ø
BP16	6-16	BV16	8-16 Ø
BP22	12-22	BV22	12-22 Ø

THS527-20-Af159

Jaws for THS527-20

Item No.:	Surface:	Weight per pair:	Opening:
THS527-20-BP10	Pyramid jaws 1.2x45°	0.74 kg	0 – 10 mm
THS527-20-BP16	Pyramid jaws 1.2x45°	0.61 kg	6 – 16 mm
THS527-20-BP22	Pyramid jaws 1.2x45°	0.52 kg	12 – 22 mm
THS527-20-BV10	V-jaws	0.75 kg	Sample Ø 3 – 10 mm
THS527-20-BV16	V-jaws	0.65 kg	Sample Ø 8 – 16 mm
THS527-20-BV22	V-jaws	0.54 kg	Sample Ø 12 – 22 mm



THS527-20-BV jaws

THS527-50

Item number: THS527-50

Tensile force: 50 kN

Adapter: Af318
Adapters in other sizes possible on request

Grip dimensions: Height: 257-283 mm (min. – max.)
Width: 198 mm

Jaw clamping surface: 66 x 80 mm (height x width)

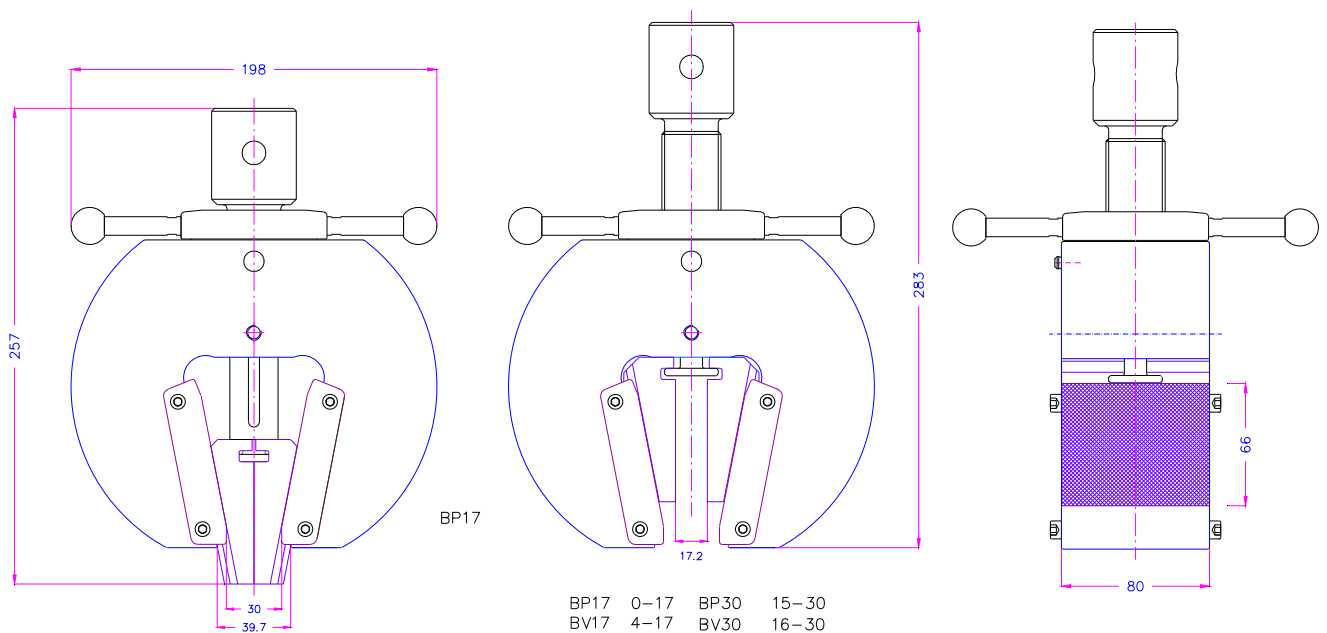
Temperature range: 0°C ... +130°C
Further temperature ranges on request

Weight per grip incl. jaws: 17 kg

Scope of delivery: 1 pair of grips without jaws



THS527-50 with THS527-50-BP jaws



THS527-50

Jaws for THS527-50

Item No.:	Surface:	Weight per pair:	Opening:
THS527-50-BP17	Pyramid jaws 1.2x45°	2.07 kg	0 – 17 mm
THS527-50-BP30	Pyramid jaws 1.2x45°	1.54 kg	15 – 30 mm
THS527-50-BV17	V-jaws	2.08 kg	Sample Ø 4 – 17 mm
THS527-50-BV30	V-jaws	1.55 kg	Sample Ø 16 – 30 mm



THS527-50-BP jaws

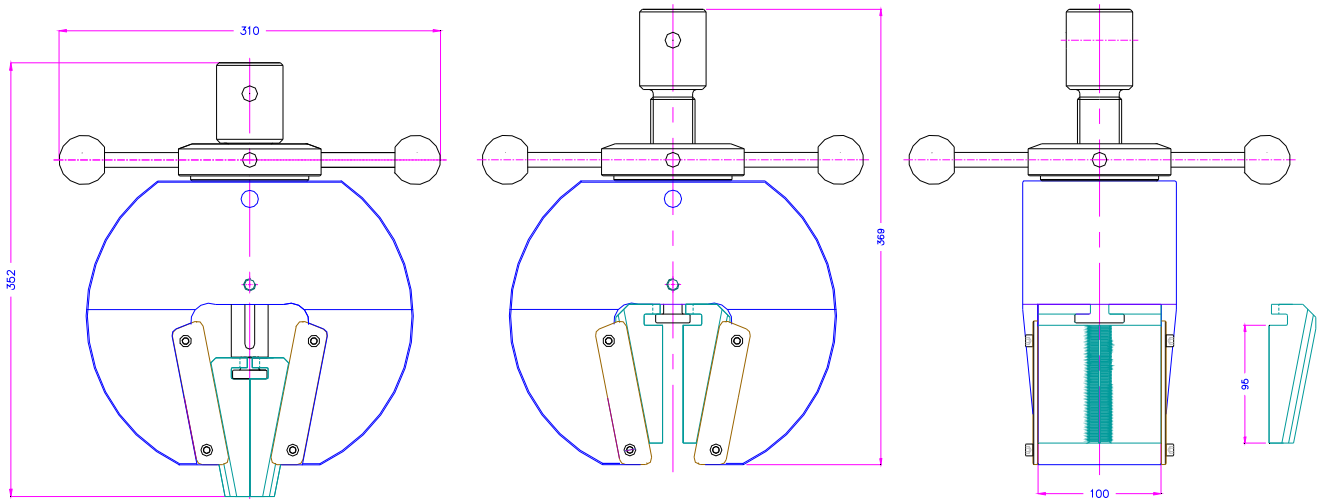
THS527-100

Item number:	THS527-100
Tensile force:	100 kN*
Adapter:	Af318 or Af40 Adapters in other sizes possible on request
Grip dimensions:	Height: 352-369 mm (min. – max.) Width: 310 mm
Jaw clamping surface:	95 x 100 mm (height x width)
Temperature range:	0°C ... +130°C Further temperature ranges on request
Weight per grip incl. jaws:	48 kg
Scope of delivery:	1 pair of grips without jaws



THS527-100 + THS527-100-BP jaws

*At 350°C max tensile force is 80 kN



BP16	0–16	BP28	17–28
BV16	5–16	BV28	17–28

THS527–100

Jaws for THS527-100

Item No.:	Surface:	Weight per pair:	Opening:
THS527-100-BP16	Pyramid jaws 1.2x45°	4.89 kg	0 – 16 mm
THS527-100-BP28	Pyramid jaws 1.2x45°	3.67 kg	17 – 28 mm
THS527-100-BV16	V-jaws	4.93 kg	Sample Ø 5 – 16 mm
THS527-100-BV28	V-jaws	3.96 kg	Sample Ø 17 – 28 mm



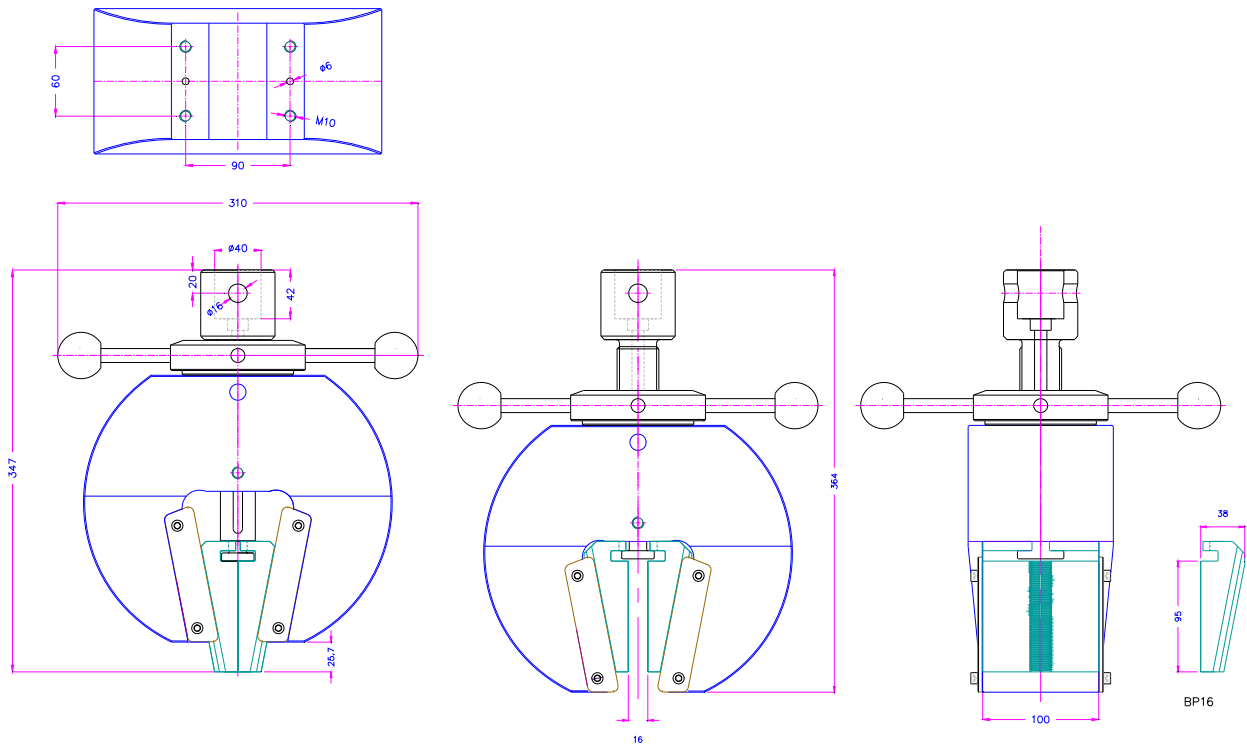
THS527-100-BP jaws

THS527-150

Item number:	THS527-150
Tensile force:	150 kN
Adapter:	Af40 Adapters in other sizes possible on request
Grip dimensions:	Height: 347-364 mm (min. – max.) Width: 310 mm
Jaw clamping surface:	95 x 100 mm (height x width)
Temperature range:	0°C ... +130°C Further temperature ranges on request
Weight per grip incl. jaws:	48 kg
Scope of delivery:	1 pair of grips without jaws



THS527-150 + THS527-150-BP jaws



48kg

BP16	0–16	BP28	17–28
BV16	5–16	BV28	17–28

THS527-150-Af40/16

Jaws for THS527-150

Item No.:	Surface:	Weight per pair:	Opening:
THS527-150-BP16	Pyramid jaws 1.2x45°	4.89 kg	0 – 16 mm
THS527-150-BP28	Pyramid jaws 1.2x45°	3.67 kg	17 – 28 mm
THS527-150-BV16	V-jaws	4.93 kg	Sample Ø 5 – 16 mm
THS527-150-BV28	V-jaws	3.96 kg	Sample Ø 17 – 28 mm



THS527-150-BV jaws

Custom-made solutions:



THS527-20-T280
20 kN, temperature range -70...280°C



THS527-50+BP125
with special wide jaws 125x100 mm



THS527-200
200 kN



THS527-250-Ko
Pneumatic version, 250 kN

**at 280°C max force declines by 30%