

WEDGE GRIPS 20, 50, 100 and 150 kN

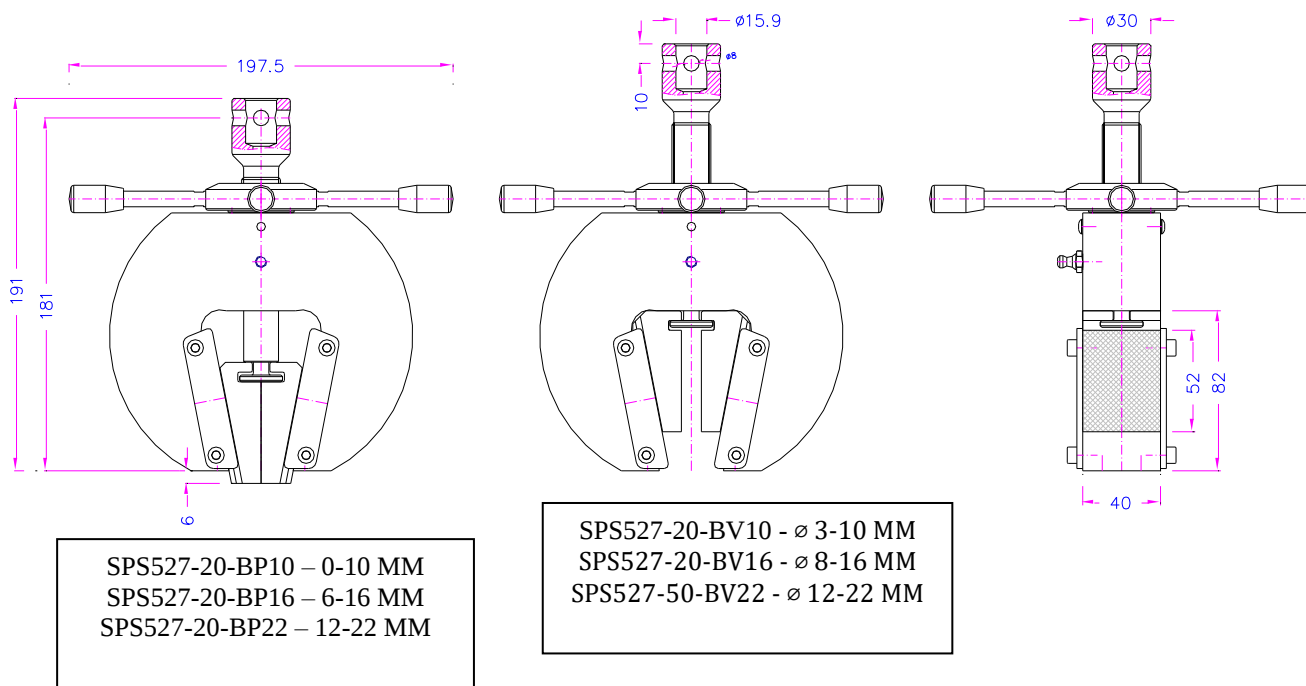
Self-clamping specimen holders. The body moves upwards. The jaws move only horizontally. The main gripping force is generated during the test by wedging action.

Open construction design - wider jaws are possible.

SPS527-20		
Item number:	SPS527-20	
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 without jaws:	4.8 kg	
Scope of delivery:	1 pair of grips without jaws	



SPS527-20 with SPS527-20-BP jaws

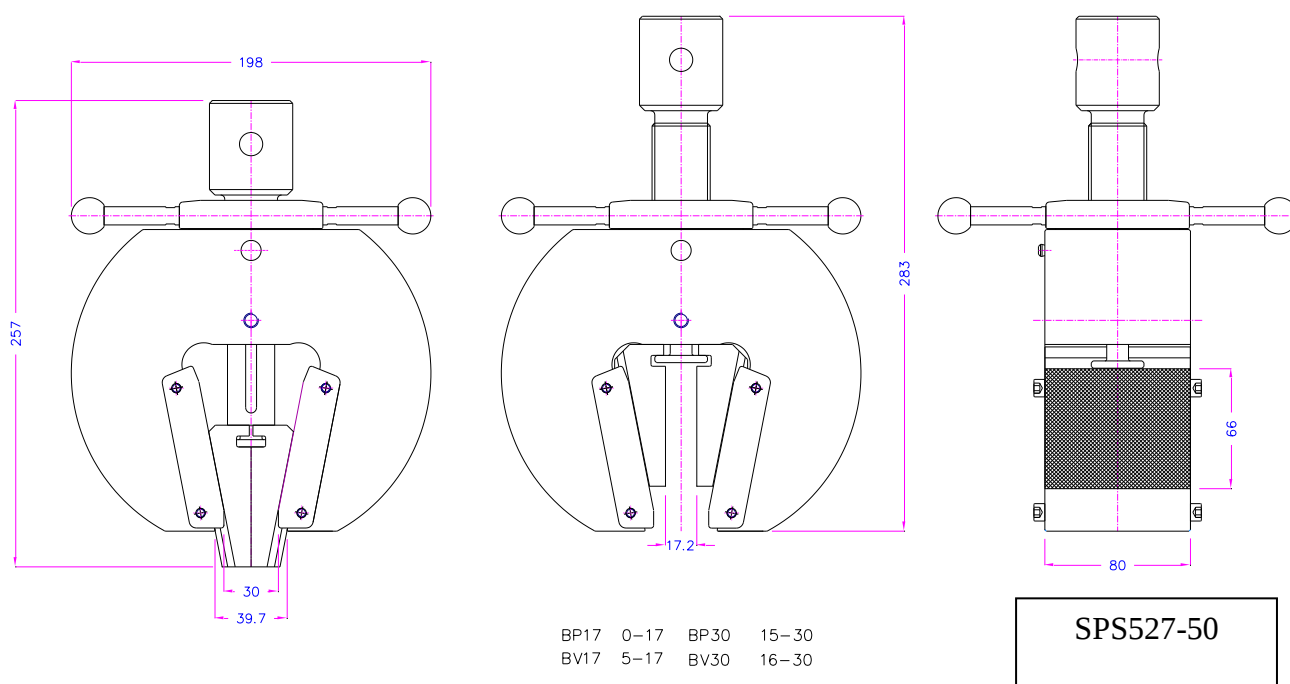


Jaws for SPS527-20			
Item no.:	Surface:	Weight per pair:	Opening:
SPS527-20-BP10	Pyramid jaws 1.2x45°	0.74 kg	0 – 10 mm
SPS527-20-BP16	Pyramid jaws 1.2x45°	0.61 kg	6 – 16 mm
SPS527-20-BP22	Pyramid jaws 1.2x45°	0.52 kg	12 – 22 mm
SPS527-20-BV10	V-jaws	0.75 kg	Sample Ø 3 – 10 mm
SPS527-20-BV16	V-jaws	0.65 kg	Sample Ø 8 – 16 mm
SPS527-20-BV22	V-jaws	0.54 kg	Sample Ø 12 – 22 mm



SPS527-20-BV jaws

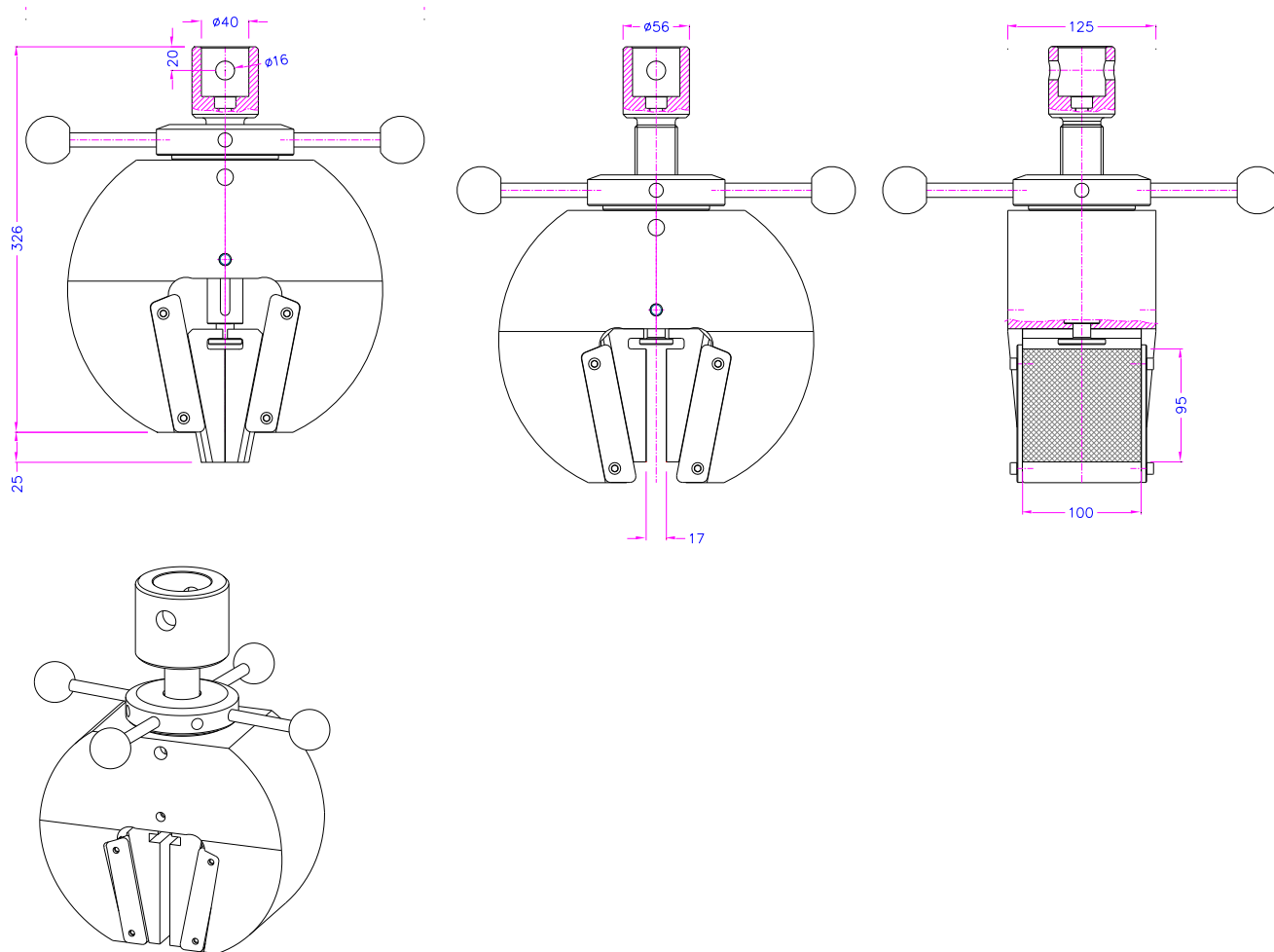
SPS527-50		
Item number:	SPS527-50	
Tensile force:	50 kN	
Adapter:	Af318 Adapters in other sizes possible on request	
Grip dimensions:	Height: 257-283 mm (min. – max.) Width: 198 mm	
Jaw clamping surface:	66 x 80 mm (height x width)	
Temperature range:	0°C ... +130°C Further temperature ranges on request	
Weight per grip without jaws:	15.2 kg	
Scope of delivery:	1 pair of grips without jaws	SPS527-50 with SPS527-50-BP jaws



Jaws for SPS527-50				
Item no.:	Surface:	Weight per pair:	Opening:	
SPS527-50-BP17	Pyramid jaws 1.2x45°	2.07 kg	0 – 17 mm	
SPS527-50-BP30	Pyramid jaws 1.2x45°	1.54 kg	15 – 30 mm	
SPS527-50-BV17	V-jaws	2.08 kg	Sample Ø 5 – 17 mm	
SPS527-50-BV30	V-jaws	1.55 kg	Sample Ø 16 – 30 mm	SPS527-50-BP jaws

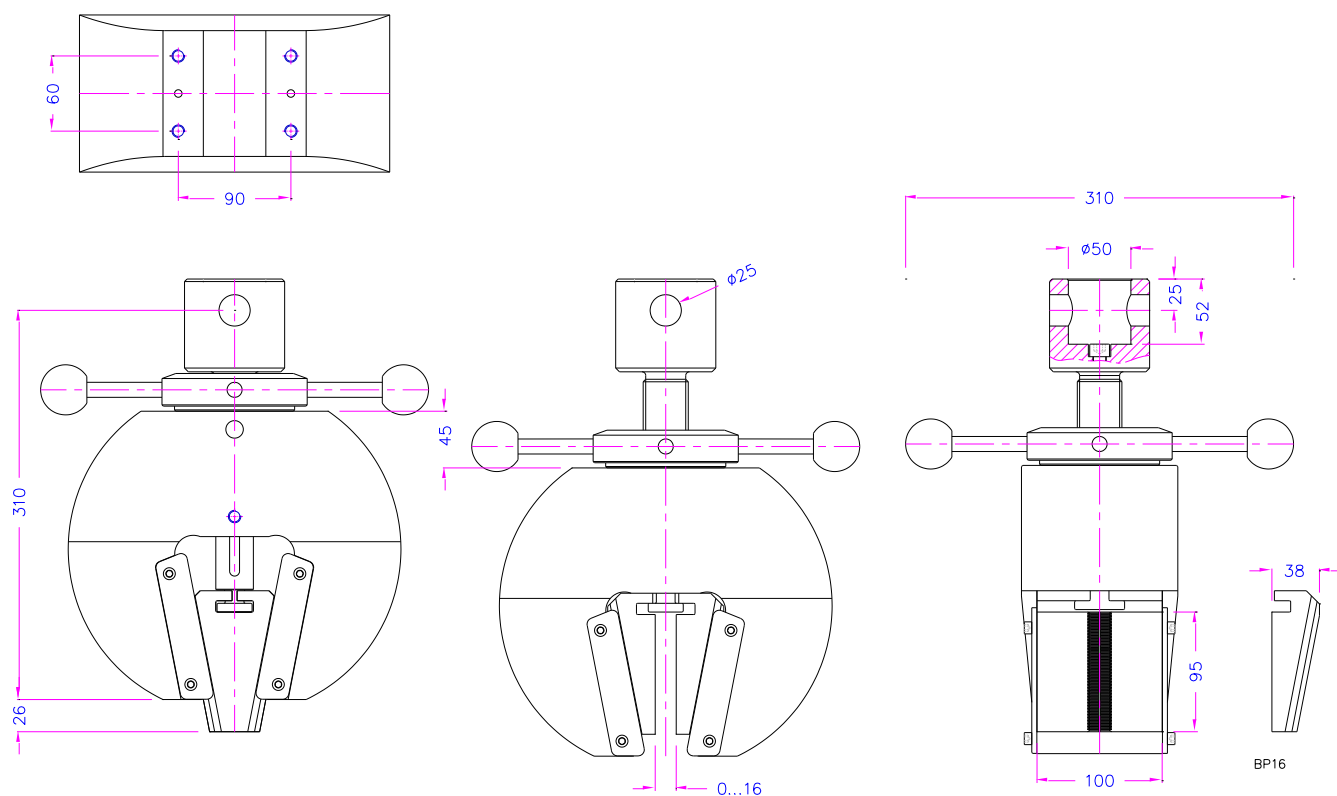
SPS527-100		 SPS527-100 + SPS527-100-BP jaws
Item number:	SPS527-100	
Tensile force:	100 kN*	
Adapter:	Af318 or Af40 Adapters in other sizes possible on request	
Grip dimensions:	Height: 352-369 mm (min. – max.) Width: 310 mm	
Jaw clamping surface:	95 x 100 mm (height x width)	
Temperature range:	0°C ... +130°C Further temperature ranges on request	
Weight per grip without jaws:	43,2 kg	
Scope of delivery:	1 pair of grips without jaws	

*At 350°C max. tensile force is 80 kN



Jaws for SPS527-100				 SPS527-100-BP jaws
Item no.:	Surface:	Weight per pair:	Opening:	
SPS527-100-BP16	Pyramid jaws 1.2x45°	4.89 kg	0 – 16 mm	
SPS527-100-BP28	Pyramid jaws 1.2x45°	3.67 kg	17 – 28 mm	
SPS527-100-BV16	V-jaws	4.93 kg	Sample Ø 5 – 16 mm	
SPS527-100-BV28	V-jaws	3.96 kg	Sample Ø 17 – 28 mm	

SPS527-150		
Item number:	SPS527-150	
Tensile force:	150 kN	
Adapter:	Af50 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 without jaws:	43.2 kg	
Scope of delivery:	1 pair of grips without jaws	SPS527-150 + SPS527-150-BP jaws



48kg

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

Jaws for SPS527-150				
Item no.:	Surface:	Weight per pair:	Opening:	
SPS527-150-BP16	Pyramid jaws 1.2x45°	4.89 kg	0 – 16 mm	
SPS527-150-BP28	Pyramid jaws 1.2x45°	3.67 kg	17 – 28 mm	
SPS527-150-BV16	V-jaws	4.93 kg	Sample Ø 5 – 16 mm	
SPS527-150-BV28	V-jaws	3.96 kg	Sample Ø 17 – 28 mm	SPS527-150-BV jaws

Custom-made solutions:



SPS527-20-T280
20 kN, temperature range -70...+280°C*



SPS527-50+BP125
with special wide jaws 125x100 mm



SPS527-200
200 kN



SPS527-250-Ko
Pneumatic version, 250 kN

*at 280°C max. force declines by 30%