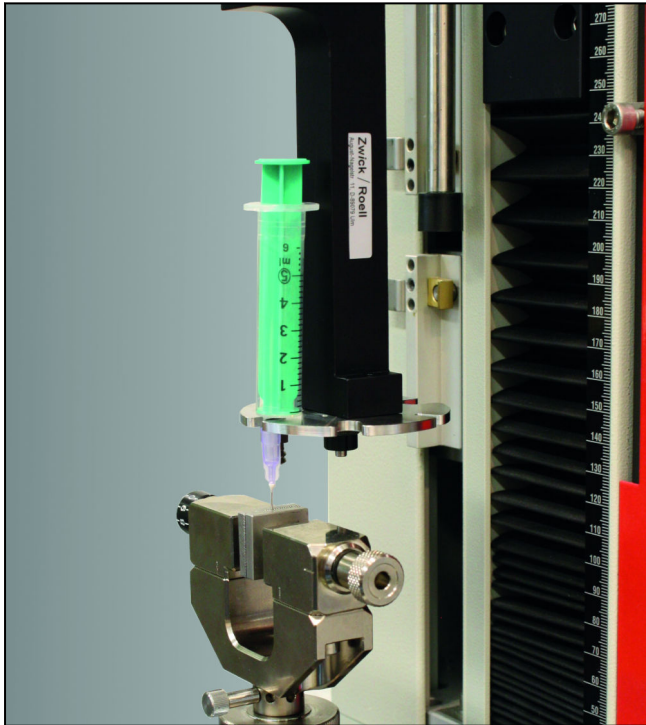


Product Information

Self-Aligning Tension Grips for Medical Components, Type 8050, Fmax 500 N

CTA: 40587 40588



Self-aligning tension grips for medical components, type 8050, Fmax 500 N

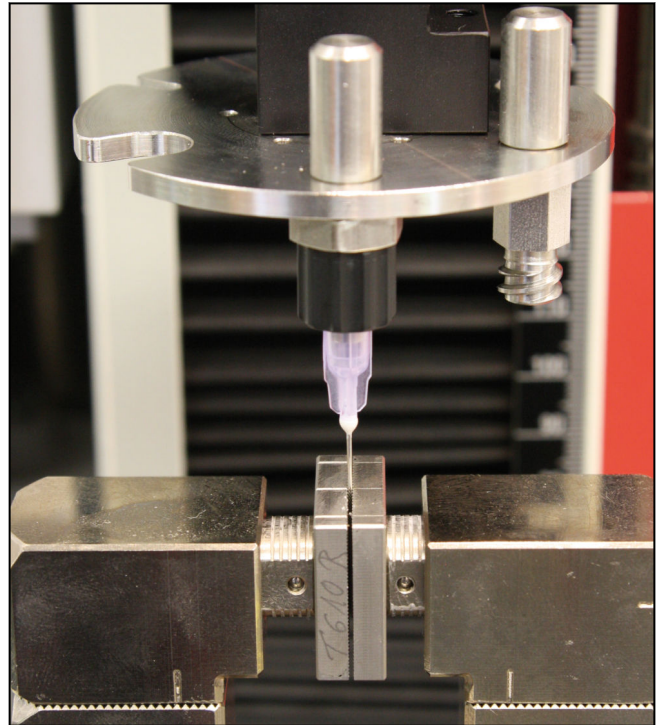
Applications

- Perform tests in the medical industry such as tensile tests on catheter connector pieces
- Testing the peel strength of Luer lock rings (male + female), needle shield (tip cap)
- Determining the peel strength, for example for cable-end ferrules

Function description

Self-aligning tension grips are suitable for testing medical components such as glass disposable syringes and Luer connectors.

When testing catheters, each individual connecting piece must be loaded until failure to ISO 10555-1:1995



Self-aligning tension grips for medical components, type 8050, Fmax 500 N, detail view

Annex B. A wide variety of connecting diameters are required for this.

The self-aligning tension grips have a rotatable and spring-loaded turntable with various opening widths. In this way, you can test numerous connection elements.

Advantages and features

- Disc locking feature enables tool-free changing between system configurations.
- Generous grip design height enables testing of large specimens (e.g. needle pull-out tests on syringes).
- Grips can be attached to any testing system via the standard ZwickRoell connecting system.
- Easy changeover to additional turntables.

Product Information

Self-Aligning Tension Grips for Medical Components, Type 8050,
F_{max} 500 N

Technical data

Item No.	036584		
Type	8050		
Operating principle/identification	Simple specimen insertion		
Test load F _{max}	0.5		kN
Dimensions			
Height	155		mm
Width	65		mm
Depth	65		mm
Connection, bolt	Ø 8		mm
Connection options			
Luer-Lock	Male		
Luer-Lock	Female		
Suspension opening	Ø 3		mm
Suspension opening	Ø 6		mm
Suspension opening	Ø 7.5		mm
Suspension opening	Ø 11		mm
Ambient temperature	+10 ... +35		°C
Weight per specimen grip, approx.	600		g
Scope of delivery	1		piece