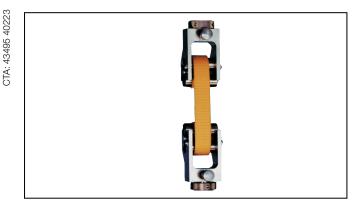


## **Product Information**

Roller grips, Type 8263 Fmax 2.5 kN



Roller grips, Type 8263 (Fmax 2.5 kN)

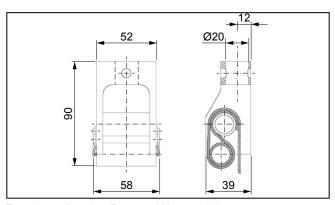


- Specimen material: textiles
- Specimen shape: strips (belt, strap)
- Type of loading: tensile

#### **Function description**

These roller grips are used for testing tensile strip specimens.

In tests with these grips optical extensometers are used for accurate strain measurement.



Type 8263 roller grips, Fmax 2.5 kN, general view

The self-clamping action of the grips is generated by multiple looping of the specimen and the application of tensile force.

### **Advantages and features**

- Low overall height of the specimen grips allows specimens with large elongations to be tested.
- Suitable for tests in temperature chambers
- The grips are suitable for clamping-sensitive specimens.



# **Product Information**

Roller grips, Type 8263 Fmax 2.5 kN

#### **Technical data**

Item No.         313438           Test load F <sub>max</sub> 2.5         kN           Dimensions         Feight         90         mm           Width         58         mm           Depth         39         mm           Roller diameter         20         mm           Roller width (= clamping width)         40         mm           Roller surface         steel, smooth           Specimen thickness, max.         2         mm           Specimen length, min.         500         mm           Weight per grip unit, approx.         0.4         kg           Connection, mounting stud         Ø 20         mm           Ambient temperature         -70 to +250         °C	Туре	8263	
DimensionsHeight90mmWidth58mmDepth39mmRoller diameter20mmRoller width (= clamping width)40mmRoller surfacesteel, smoothSpecimen thickness, max.2mmSpecimen length, min.500mmWeight per grip unit, approx.0.4kgConnection, mounting studØ 20mmAmbient temperature-70 to +250°C	Item No.	313438	
Height       90       mm         Width       58       mm         Depth       39       mm         Roller diameter       20       mm         Roller width (= clamping width)       40       mm         Roller surface       steel, smooth         Specimen thickness, max.       2       mm         Specimen length, min.       500       mm         Weight per grip unit, approx.       0.4       kg         Connection, mounting stud       Ø 20       mm         Ambient temperature       -70 to +250       °C	Test load F <sub>max</sub>	2.5	kN
Width58mmDepth39mmRoller diameter20mmRoller width (= clamping width)40mmRoller surfacesteel, smoothSpecimen thickness, max.2mmSpecimen length, min.500mmWeight per grip unit, approx.0.4kgConnection, mounting studØ 20mmAmbient temperature-70 to +250°C	Dimensions		
Depth 39 mm  Roller diameter 20 mm  Roller width (= clamping width) 40 mm  Roller surface steel, smooth  Specimen thickness, max. 2 mm  Specimen length, min. 500 mm  Weight per grip unit, approx. 0.4 kg  Connection, mounting stud Ø 20 mm  Ambient temperature -70 to +250 °C	Height	90	mm
Roller diameter20mmRoller width (= clamping width)40mmRoller surfacesteel, smoothSpecimen thickness, max.2mmSpecimen length, min.500mmWeight per grip unit, approx.0.4kgConnection, mounting studØ 20mmAmbient temperature-70 to +250°C	Width	58	mm
Roller width (= clamping width)  Roller surface  Specimen thickness, max.  Specimen length, min.  Specimen grip unit, approx.  Connection, mounting stud  Ambient temperature  40  mm  mm  steel, smooth  2  mm  mm  40  mm  mm  40  mm  Mm  40  Mm  Mm  40  20  mm  mm  40  mm  40  mm  40  20  mm  mm  40  mm  40  mm  40  20  mm  40  40	Depth	39	mm
Roller surfacesteel, smoothSpecimen thickness, max.2mmSpecimen length, min.500mmWeight per grip unit, approx.0.4kgConnection, mounting studØ 20mmAmbient temperature-70 to +250°C	Roller diameter	20	mm
Specimen thickness, max.2mmSpecimen length, min.500mmWeight per grip unit, approx.0.4kgConnection, mounting studØ 20mmAmbient temperature-70 to +250°C	Roller width (= clamping width)	40	mm
Specimen length, min.500mmWeight per grip unit, approx.0.4kgConnection, mounting studØ 20mmAmbient temperature-70 to +250°C	Roller surface	steel, smooth	
Weight per grip unit, approx.0.4kgConnection, mounting studØ 20mmAmbient temperature-70 to +250°C	Specimen thickness, max.	2	mm
Connection, mounting stud Ø 20 mm  Ambient temperature -70 to +250 °C	Specimen length, min.	500	mm
Ambient temperature -70 to +250 °C	Weight per grip unit, approx.	0.4	kg
'	Connection, mounting stud	Ø 20	mm
	Ambient temperature	-70 to +250	°C
Scope of delivery 2 pieces	Scope of delivery	2	pieces