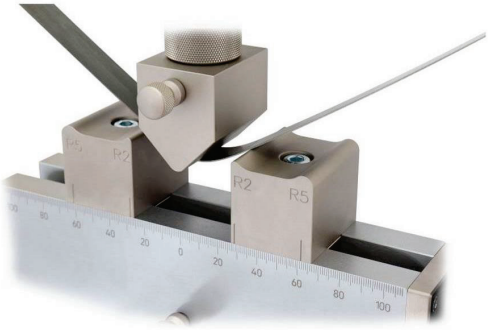
3 & 4 Point Bending Fixture

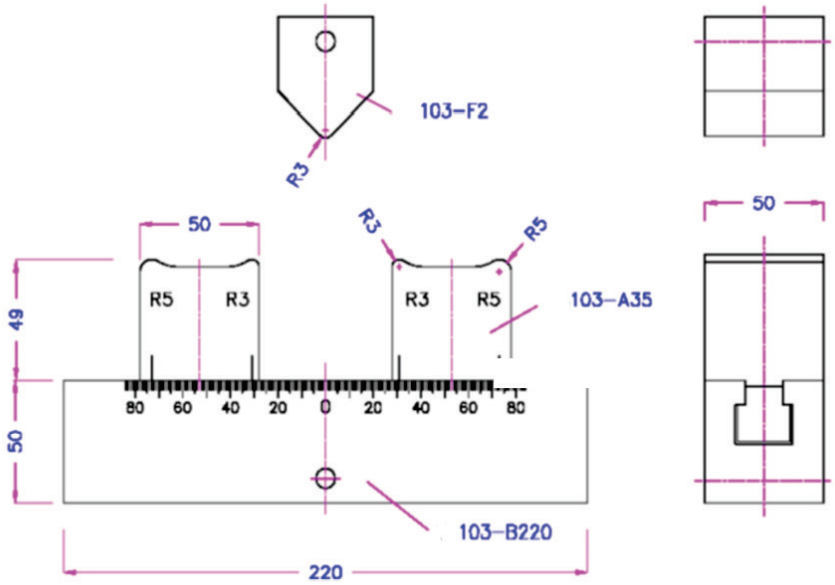
TA103

TA103 Bending Fixture 50kN

Universal bend test fixture for measuring bending properties of various materials such as metals, plastics, wood, glass, etc.



Max. load:	Max. 50 kN depending on coupling
Max. temperature range:	0 to +70°C (further ranges available upon request)
Body:	Steel, nickel-plated
Width:	50mm width
Standards:	ASTM D790

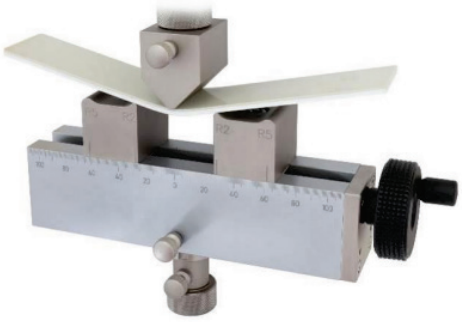


3 & 4 Point Bending Fixture

TA103

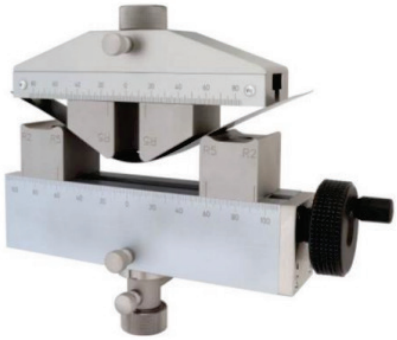
TA103-B220-ARa-b-oFRa-cgr-Afx

3-point bend test fixture
Bending bar, 220 mm, with a crank handle for centric gearing
ARa-b: 2 anvils with dual milled radii
a-b = 2-4, 2-5 or 3-5 mm
oFRa: 3-point anvil with milled radius
a = 2, 3 or 5 mm
Coupling Afx: Af159 or Af20

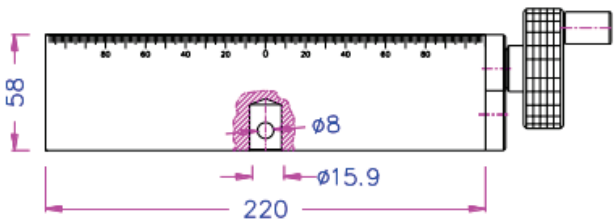


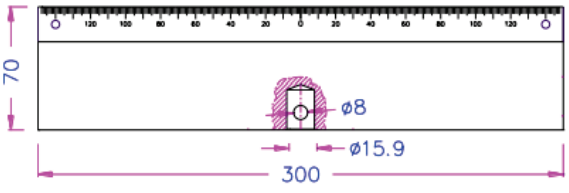
TA103-4P-B220-ARa-b-oCRa-cgr-Afx

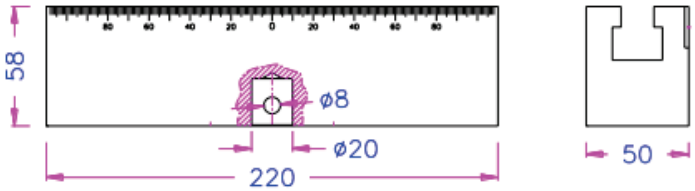
4-point bend test fixture
Lower bar, 220 mm, with a crank handle for centric gearing
ARa-b: 2 anvils with dual milled radii
a-b = 2-4, 2-5 or 3-5 mm
Upper bar, 200 mm, including:
oCRa: 2 single anvils with milled radius
a= 1, 1.5, 2, 3, 3.2, 5 or 10 mm
Coupling Afx: Af159 or Af20



Lower bending bars: for 3-point, 4-point and 5-point bend test fixtures

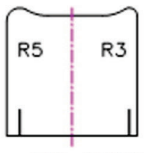




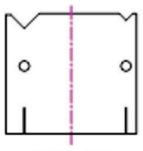


3 & 4 Point Bending Fixture

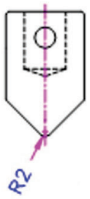
TA103



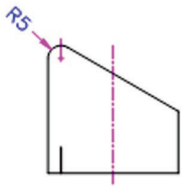
103–AR5R3
(2–4,2–5,3–5)



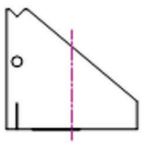
103–AX



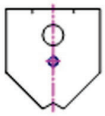
103–oR2–159
(Af159: 1.5,2,3,5,10,12.5)
(Af20: 2)
(Af318: 5)



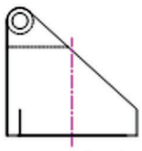
103–CR5
(1.5, 2, 4.5, 5)



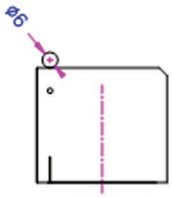
103–CX



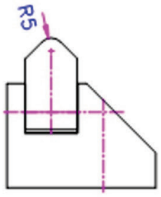
103–oX–159
(159, 19.1, 38)



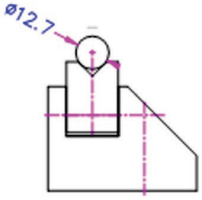
103–CL10



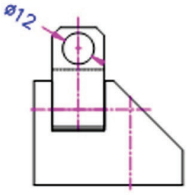
103–CM6



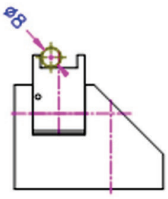
103–CWR5



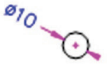
103–CWX127



103–CWL12



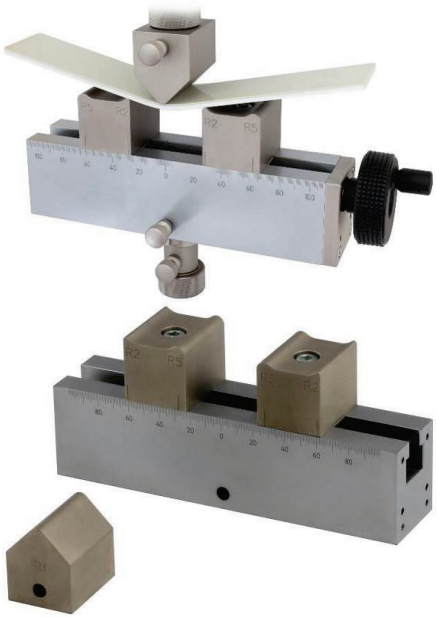
103–CWN8



103–D10
(4, 6, 10)

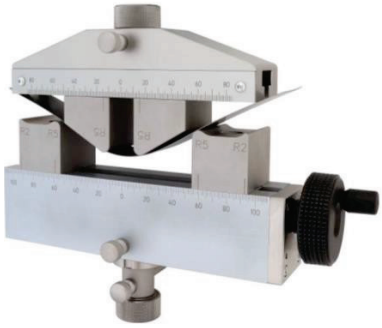
3 & 4 Point Bending Fixture

TA103

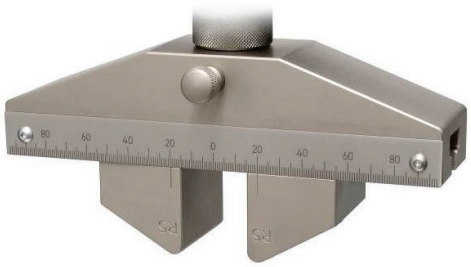


TA103-B220-ARa-b-oFRa-cgr-Afx
3-point bend test fixture
Bending bar, 220 mm, with a crank handle for centric gearing
ARa-b: 2 anvils with dual milled radii a-b = 2-4, 2-5 or 3-5 mm
oFRa: 3-point anvil with milled radius a = 2, 3 or 5 mm
Coupling Afx: Af159 or Af20

TA103-B220-ARa-b-oFRa-ok-Afx
3-point bend test fixture Bending bar, 220 mm
ARa-b: 2 anvils with dual milled radii a-b = 2-4, 2-5 or 3-5 mm
oFRa: 3-point anvil with milled radius a = 2, 3 or 5 mm
Coupling Afx: Af159 or Af20



TA103-4P-B220-ARa-b-oCRa-cgr-Afx
4-point bend test fixture
Lower bar, 220 mm, with a crank handle for centric gearing
ARa-b: 2 anvils with dual milled radii a-b = 2-4, 2-5 or 3-5 mm
Upper bar, 200 mm, including:
oCRa: 2 single anvils with milled radius a= 1, 1.5, 2, 3, 3.2, 5 or 10 mm
Coupling Afx: Af159 or Af20



TA103-DF-CRa-Afx
Additional upper bending bar, 200 mm, for 4-point
oCRa: 2 single anvils with dual milled radii a= 1, 1.5, 2, 3, 3.2, 5 or 10 mm
Coupling Afx: Af159 or Af20

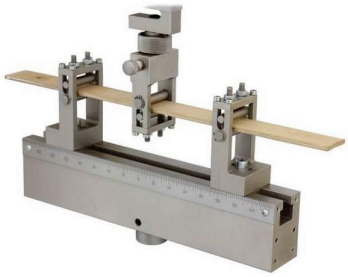
3 & 4 Point Bending Fixture

TA103

Examples of TA103 Options to meet industry testing standards

TA103-ASTM-D2344

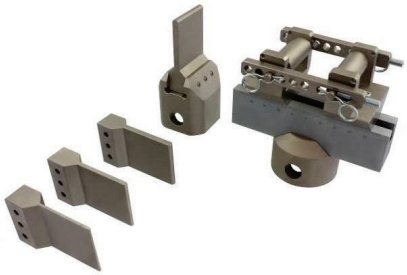
[TA103-FV-VDA238-100
VDA Standard 2010 + ISO7438 for smaller samples



TA103 103-B330-FTE-ASTM-D7774

TA103- EN1170-4-5

TA103 103-B220-CR3-5-oFR3-oFR12.5-ok-GDE-EN2563-EN2562



TA103- FV+oFR2,3,4,5-W70-Af6025-ASTM-A262-ISO3651-2

TA103- CL5-T120-Af20-ASTM-D6415