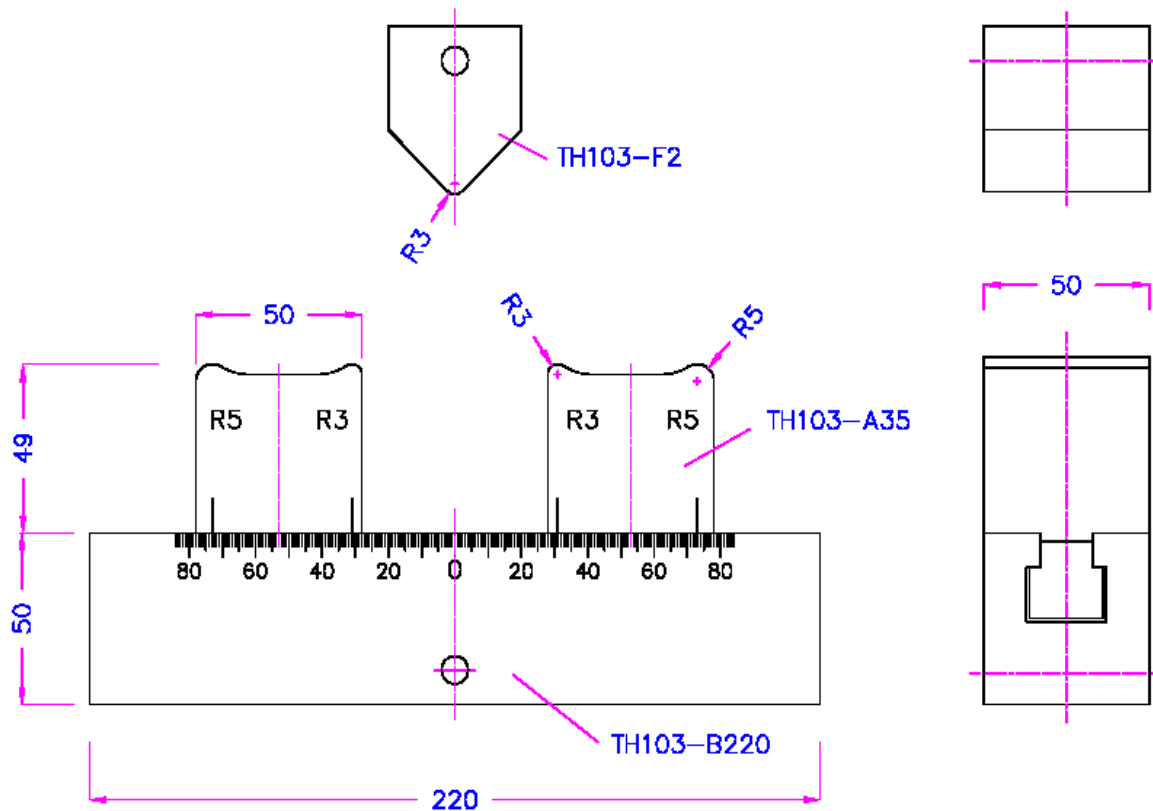
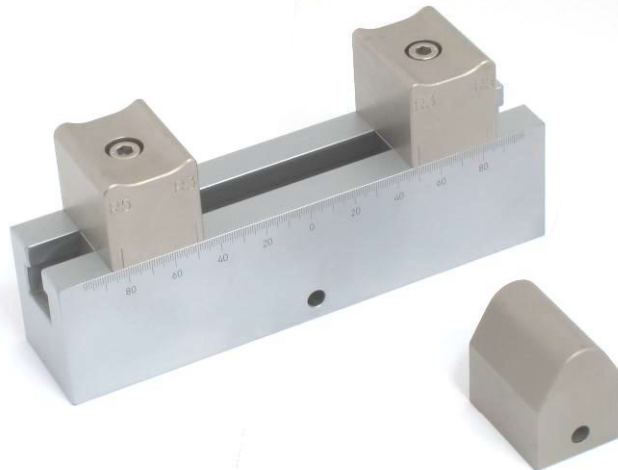


TH103

Universal Bending Jig

50mm Width
50kN Steel

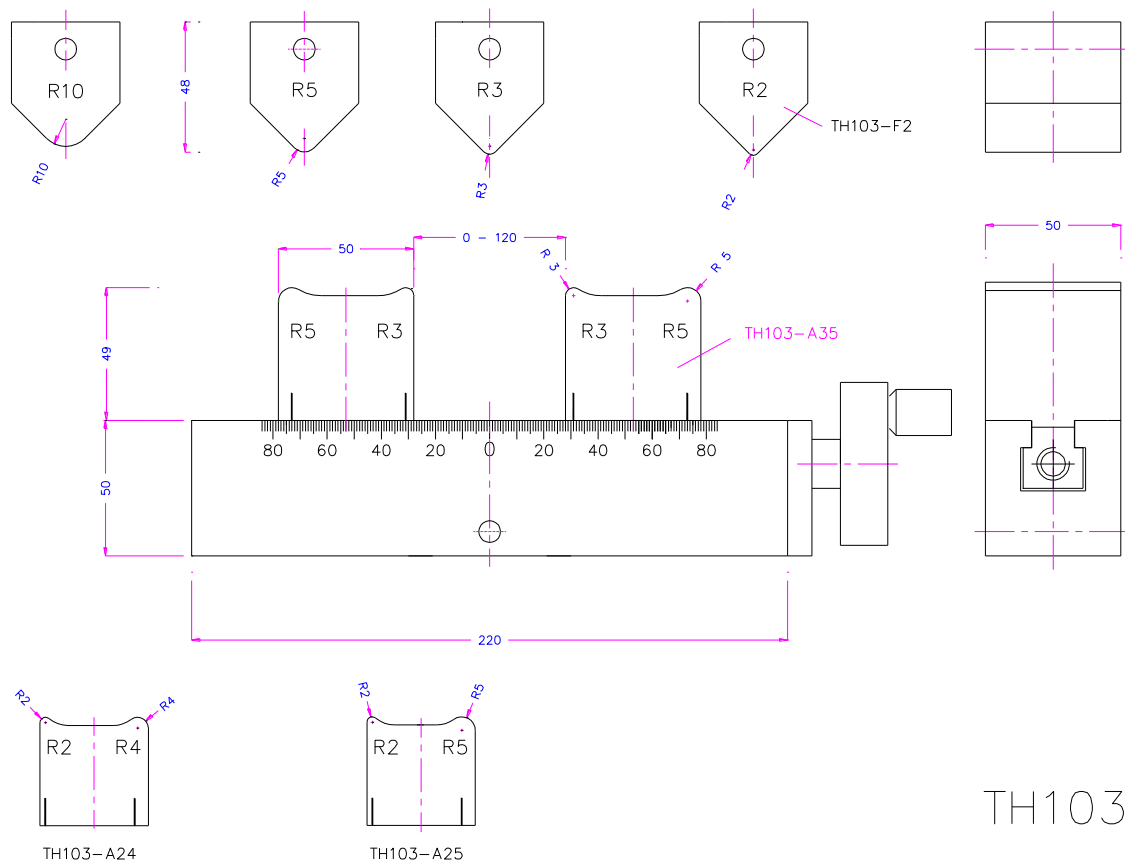
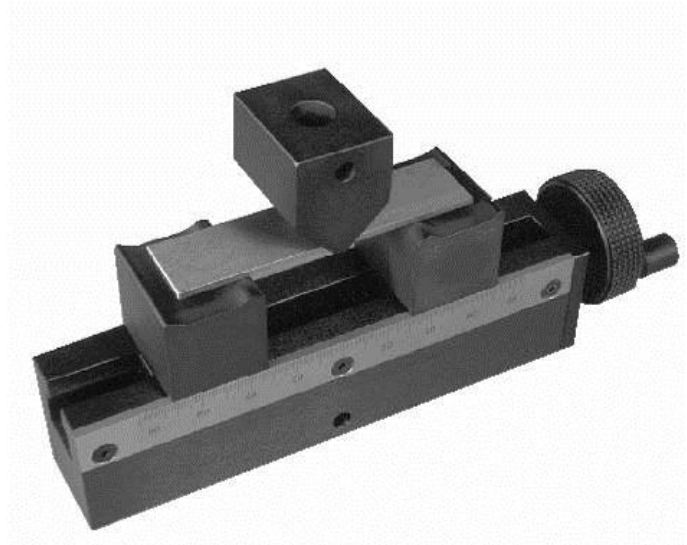
TH103-AR3R55-OR10-Ni
Milled Radii R3 und R5
Upper Radius 10
Nickel
Range -70°C ..+350°C



TH103-B220-AR2R5-oR3-cgr

Bending jig 50kN

with central adjustment
with milled supports
Radii R2 and R5
Shell radius R3
with spindle
for easier centric
Adjustment of the supports
0-70°C



TH103

TH103-Ar3r5-or5-Af318



TH103-AXR2-AR3
-OR2-OR3-cgr

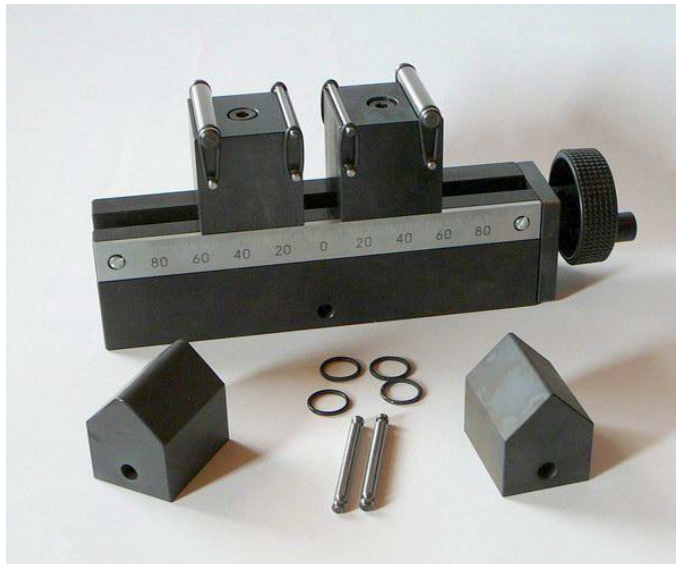
Exchangeable roller D3
+ D5

Upper milled Radii R2
and R3

3-point bending device
with central adjustment
lower supports with
interchangeable roller D3
and D5

Tops milled radius R2
and R3

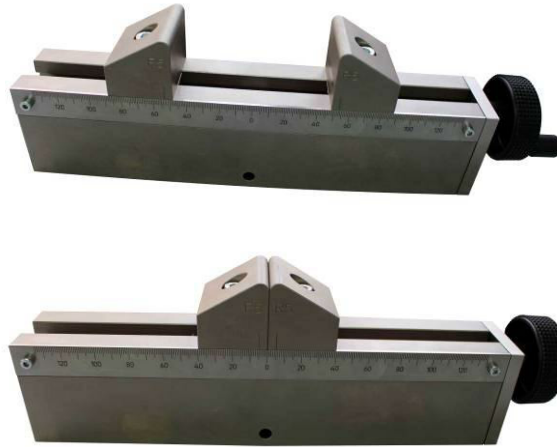
Cgr centric gear



TH103-CWXD10



TH103-300-CR5-cgr-
Af159
0-70°C- cgr



TH103-B300-AX50H80
-S9112-cgr

Extra long bar 300mm
Long upper fins
milled
for 160° bending
less load
0-70°C



TH103-CR5-OR30-cgr
0-70°C



TH103-AX50-SL

With side bars for 180°
bending
0-350°C

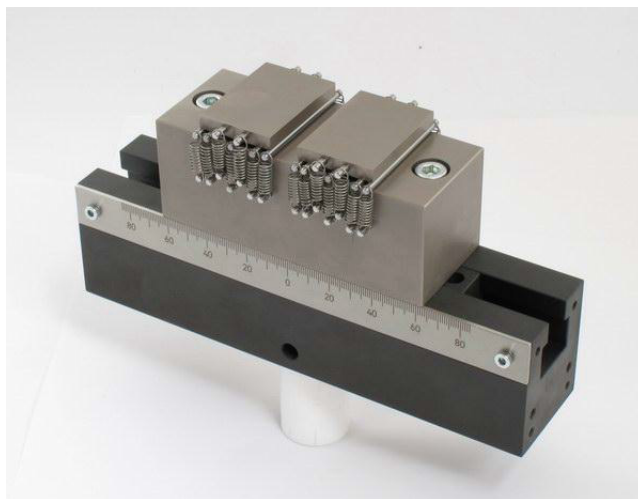


TH103-OT2-L150-
R4 R6.25 R12.5



TH103-ASTM-D2344

Rolling Table
0-180°C



TH103-CR3-OR3+GDE

With guide ball bearings
0-70°C



TH103-Bo200-CR5-
Am22

Upper part
2 milled supports R5

Adapter 22 male
0-350°C



TH103-cl10-cgr-Af60

nur Unterteil

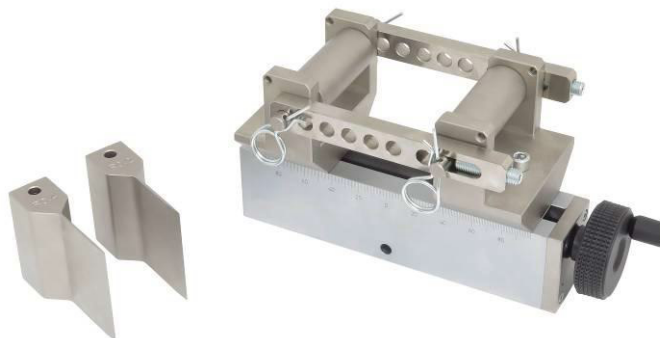
Rollen drehbar



TH103-CL20x50-
OR02x80-OR05x80- FV-
PWT-cgr

Faltvorrichtung

Folding device
DVS
DIN EN ISO7438
VDA238
0-70°C



TH103 -AR2R5-ITH2-cgr

For external
extensometer
0-70°C



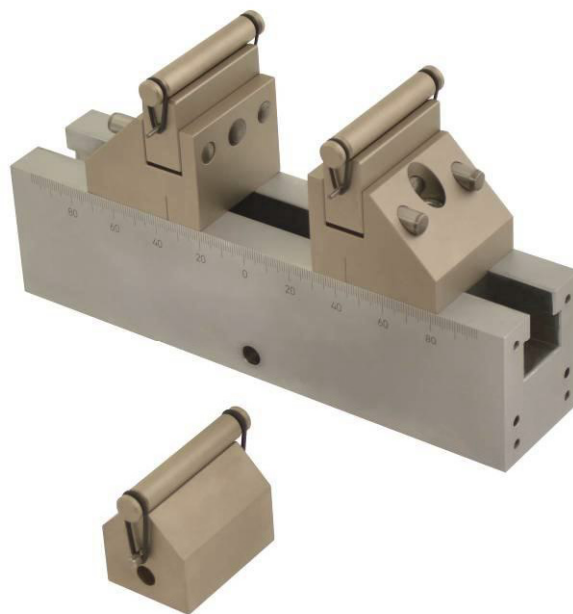
TH103-200-cwV8x5-HM-Af20

5mm Hartmtellrollen
Wippend



TH103-cwXD10

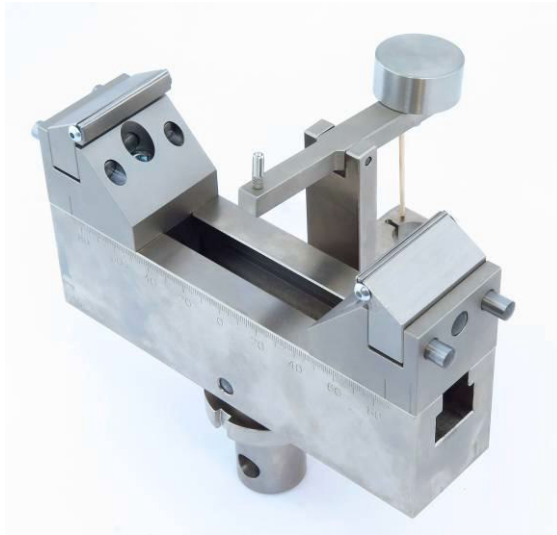
3 point bending fixture with
articulation fixable supports
with prism for roller diameter
4-16



TH103-300-cWX3 + oWX3



TH103-cWXv6d2-ith2



TH103-CWN8-ITH2-cgr

For external extensometer

Support moveable for
ceramics
0-70°C



TH103-Bo200-CWN8-WDF

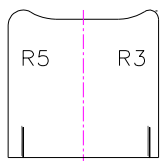
Upper 4P bending part

Support moveable for
ceramics
Extra Movable adapter
0-70°C

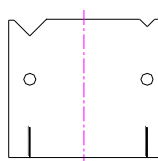


ASTM-D774
Material A4 (V4a)

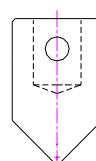




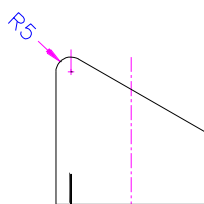
TH103-AR5R3
(2-4,2-5,3-5)



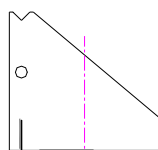
TH103-AX



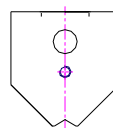
TH103-oR2-159
(Af159: 1.5,2,3,5,10,12.5)
(Af20: 2)
(Af318: 5)



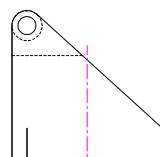
TH103-CR5
(1.5, 2, 4.5, 5)



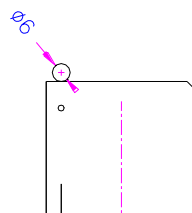
TH103-CX



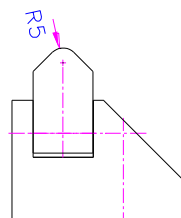
TH103-oX-159
(159, 19.1, 38)



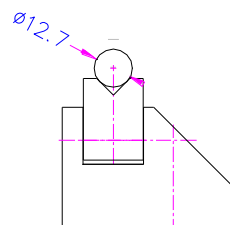
TH103-CL10



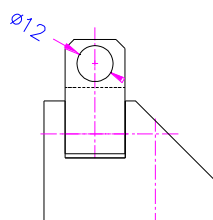
TH103-CM6



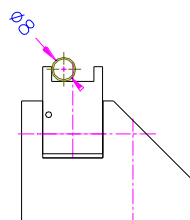
TH103-CWR5



TH103-CWX127



TH103-CWL12



TH103-CWN8



TH103-D10
(4, 6, 10)

Single parts	
TH103-B220-Af159 bar 220mm lang Adapter15.9 Basis Bar Length 0-350°C -70-+350°C nickel	
TH103-B220-Af159-cgr Bar with centric gear Basis Bar Length 0-70°C	
TH103-BK300-Af159 Bar 300mm with centric gear 0-70°C	
TH103-Bo200-Af159 Upper bar 200mm for 4P bending Adapter female 15.9mm	

Supports	
TH103-AR2R4 Milled hardened black	
TH103-Cr5 Suitable for 4P bending r1.5, r2, r5, r10	
TH103-AX Prisma inserts For roller with 3..15 mm diameter Height 51.5 ..62.9mm	
TH103-D10 TH103-D6 TH103-D4 Roller	

TH103-CR5

milled



TH103-CL10-Ni

Turnable roller
Dia 10mm
nickeled



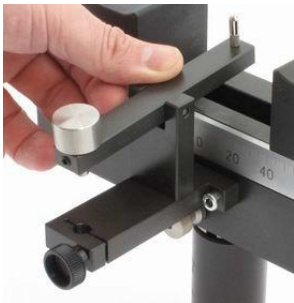
TH103-CWN8

Moveable Roller 8mm dia
Fre rotating on flat surface
kept with o-Ring

for ceramic samples



TH103-o upper single fin	
TH103-oR2 Radius R2 Milled hardened	
TH103-FX For exchangeable roller 3-10mm dia	
	Special
TH103-oR10H80 R10 milled Height 80mm hardened	
TH103-oR02-FV R0.2 for 160° bending	

TH103-oR50 Radius R50	
Additional accessories	
TH103-SL220 Side bar for 180° bending	
TH103-iTH2 Holder for external extensometer	

Legende

bl	schwarz (Standard)	black
ni	vernickelt	nickel
B	Balken	bar
cgr	zentrische Verstellung	centric gear
Af	Adapter weiblich	female
X	Auflagerprisma für tauschbare Rollen	support with V for eXchangeable Fins
SL	Seitenleiste Side bar	
H80	H80 bedeutet 80mm Höhe	means height 80mm
oR	obere Finne mit Radius gefräst	top fin milled Radius
AR..R..	Doppelauflegerbock	support with 2 radii
CR	C Einzelfinne	single support
W	Wippe	moveable wip
N	Rolle liegt auf einem flachen Auflager an einem Anschlag	
CWR	Finne kippend gefräst mit gefrästen Radius	milled movable support
CWX	Prisma kippend	Prisma moveable

9.5.2016