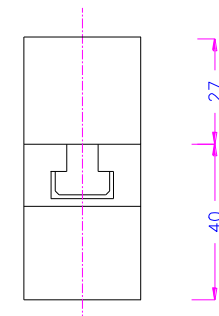
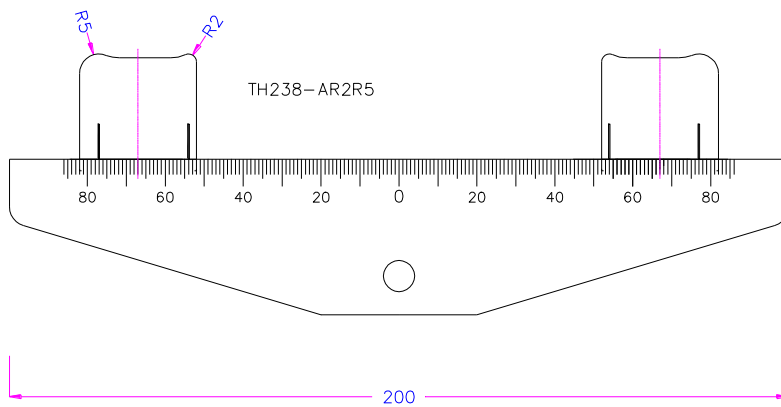
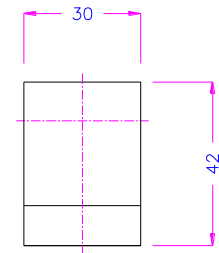
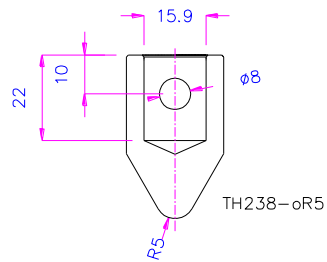


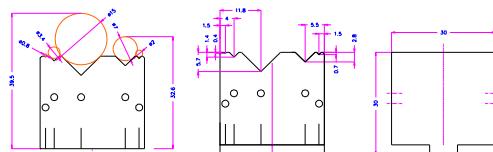
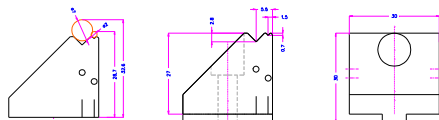
TH238

small bending fixture for
universal usage

Aluminum and steel versions available



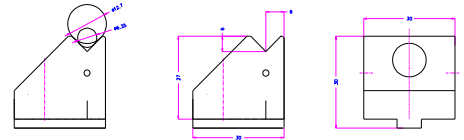
Item number	Description	Picture
TH238-AR-OR	Simple 3-point bending fixture Bar 200 mm Upper part: anvil TH238-OR. R0.5, 1, 1.5, 2, 3, 3.2, 4, 5, 10 mm 0.16 kg Lower part: – 2 supports with double radius. TH238-AR1.5+R2.5; R2+R3; R2+R5; R3.2+R5; R4+R5 mm 0.8 kg or 2 supports with 1 radius TH238-CR0.5, 1, 1.5, 2, 2.5, 3, 3.2, 3.5, 4, 5, 10 mm	
TH238-4p-AX-CX	4-point bending fixture with exchangeable rollers Bars 200 mm Upper support Type CX Lower supports Type AX	
TH238-CWX-4P	4-point bending fixture with exchangeable rollers Bars 200 mm Upper support Type CWX movable Lower supports Type CWX movable	
TH238-AX6x100	4-point bending fixture with exchangeable rollers Bars 200 mm Rollers: Ø 6 x 100 mm	
TH238-B300-B300-CWX4	4-point bending fixture with exchangeable rollers Bars 300 mm Movable carrier Rollers: Ø 4 mm Upper/lower part: 3.0 kg each	
TH238-CWR2-VS6	Moveable support 6 mm moved from center Radius 2 mm	

Item number	Description	Qt.	Picture
Bars			
TH238-B200	Lower bar, aluminum, anodized, 200 mm. Possible span distances 0-144 mm, 0-150 mm, 0-196 mm. Weight 0.4 kg.	1x	
TH238-B200-St	Lower bar, steel, 200 mm. Possible span distances 0-144 mm, 0-150 mm, 0-196 mm. Weight 1.2 kg.	1x	
TH238-B300-St	Lower bar steel, 300 mm, 2.6 kg	1x	
TH238-B350-St	Lower bar steel, 350 mm, 2.8 kg	1x	
TH238-B400-St	Lower bar steel, 400 mm, 3.2 kg	1x	
TH238-B430-St	Lower bar steel, 430 mm, 5.2 kg	1x	
Supports			
TH238-AR	Supports with 2 milled radii Hardened steel Available R1.5+R2.5; R2+R3; R2+R5; R3.2+R5; R4+R5 mm 0.2 kg	2x	
TH238-CR	Supports with 1 milled radius R: 0.5; 1; 1.5; 2; 2.5; 3.2; 5 mm 0.1 - 0.8 kg	2x	
TH238-CR...H..	Special supports with 1 milled radius E.g. radius 1 mm, height 130 mm	2x	
Supports for rollers			
TH238-AX	Supports for exchangeable rollers, 5 pins Rollers: Ø 1 to 15 mm 0.18 kg	2x	  TH238-AX
TH238-CX	Support for exchangeable rollers, 2 pins Rollers: Ø 1 to 7 mm 0.2 kg	2x	  TH238-CX

TH238-CX127

Support for roller
1 pin
6-13 mm Ø

2x

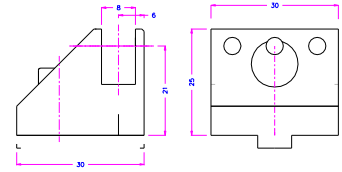


TH238-CX127

TH238-CW

Fixable supports for articulating carrier
0.12 kg

2x



TH238-CWGT

TH238-WEX

Movable carrier for exchangeable roller
with pins and O-rings to fix the roller
0.003 kg

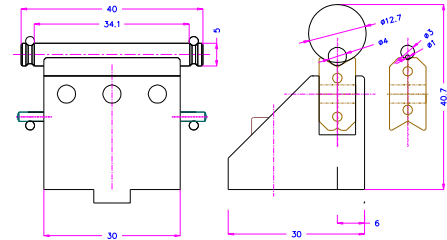
3x



TH238-CWX

Articulating support with exchangeable
roller
0.2 kg

2x



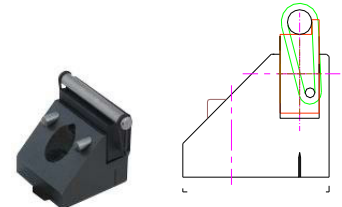
TH238-CWX5

TH238-CWX

TH238-CWN5

Movable carrier with exchangeable roller
and 2 O-rings to fix the roller
Roller 5 mm Ø on a flat plane area
(3 mm height in stock)
0.2 kg

2x



TH238-
CWER2x120

Special fixable movable insets
Radius R2
120 mm wide
(not in stock)

3x



TH238-CWR1Z

Movable support
Zero span

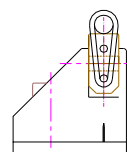
2x



TH238-CWM

Flat movable supports for glass

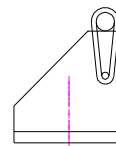
2x



TH238-CWR5 Movable inset rolling with needle bearings 2x



TH238-CM Flat free rolling support for glass 2x



TH238-D Rollers hardened
Ø 1-12.7 mm
D3x100 = 3 mm Ø and 100 mm length



TH238-DxL Roller of special length + 2 O-Rings + 2 extra pins or magnets
3x56; 3x105; 6x105; 10x105 mm



Upper anvils

TH238-OR... Upper part anvil with milled radius 1, 1.5; 2; 3; 4; 5; 12.5 mm
0.2 kg



TH238-OX Upper part anvil with milled V to carry different diameters
oX3 keeps 1-3.2 mm Ø
oX12 keeps 4-12.7 mm Ø
0.2 kg

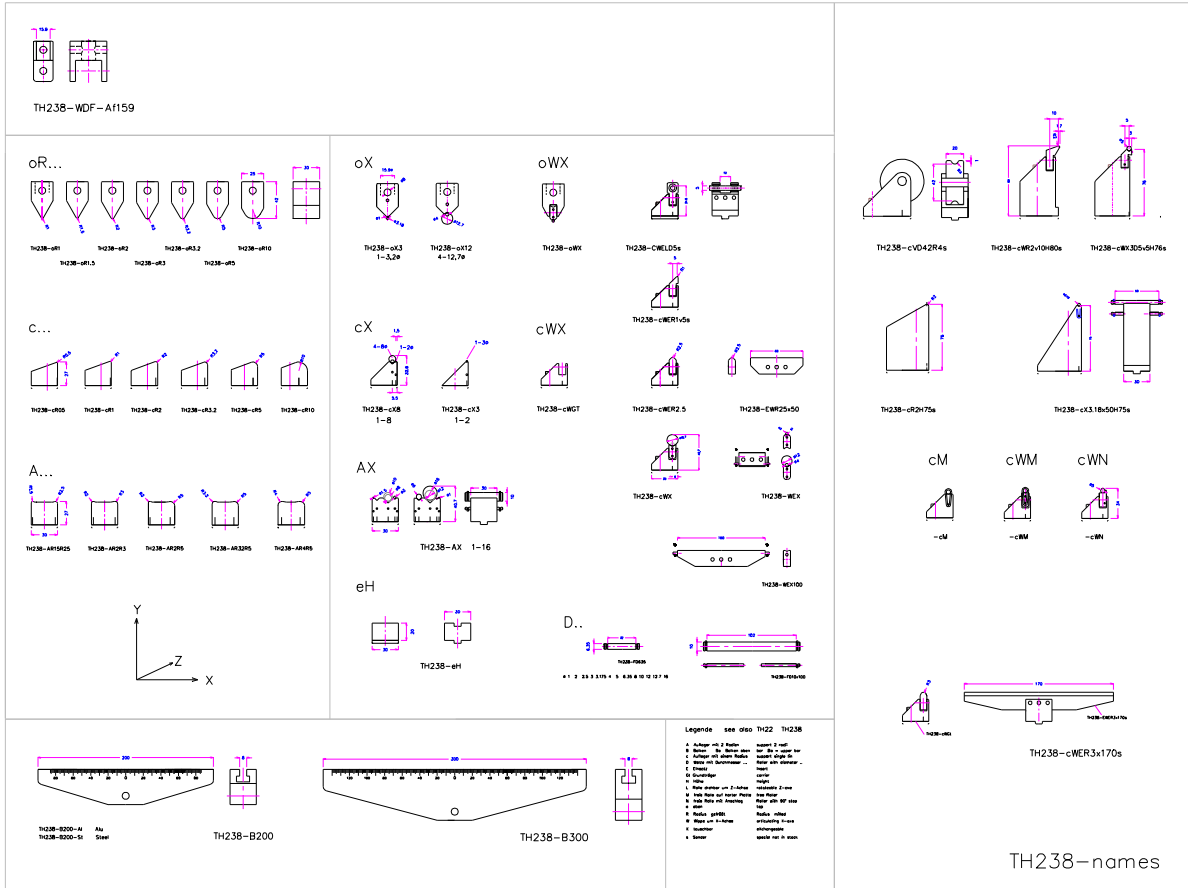


TH238-OW Upper part for articulating carrier
Additional parts see TH238-W
0.2 kg

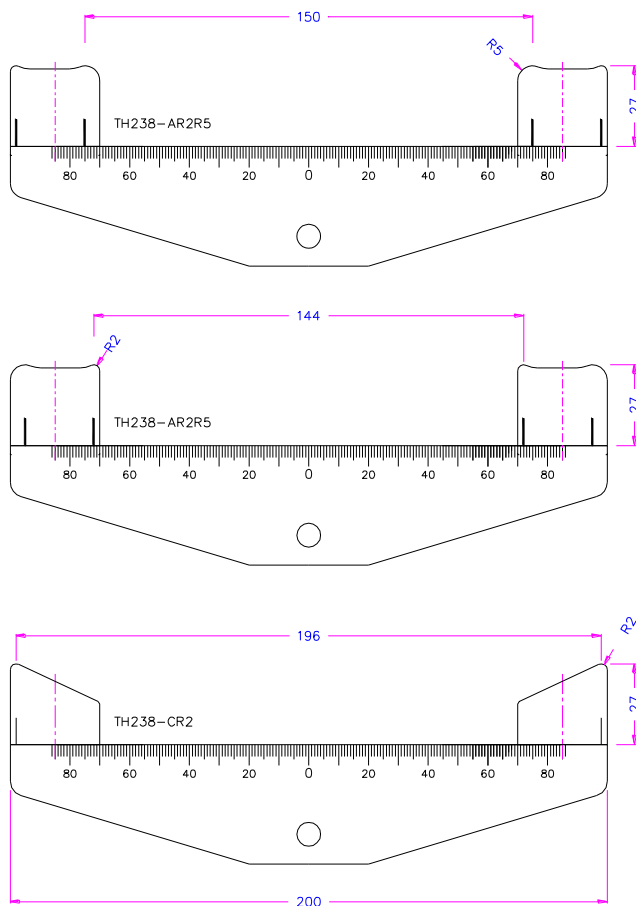


TH238-OWX- Movable anvil fixable with exchangeable roller
0.1 kg

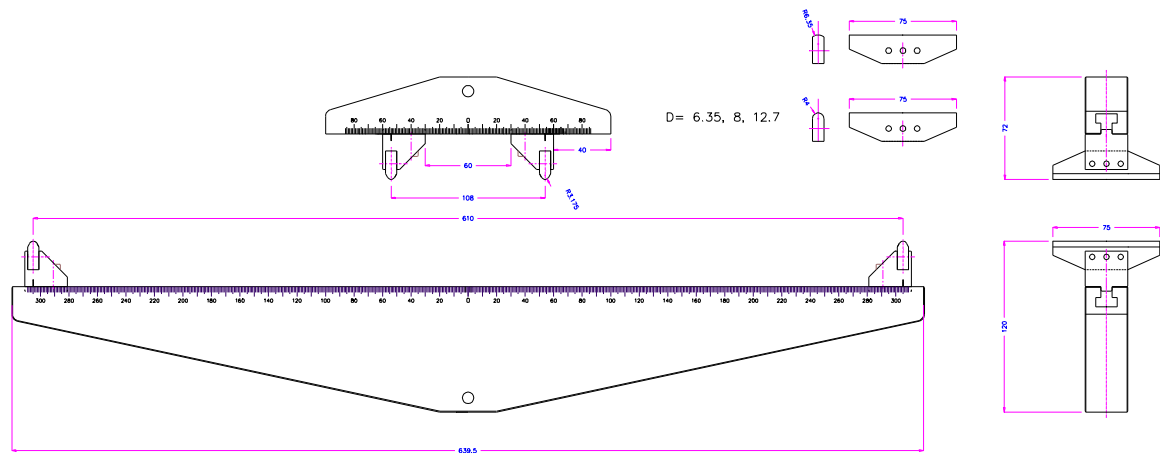




Possible span distances:

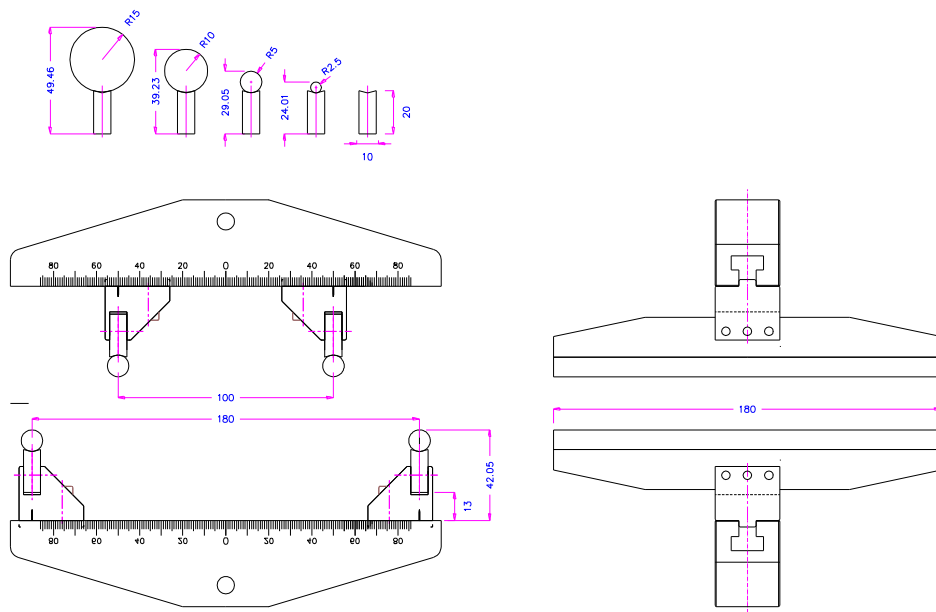


Examples:



TH238-4P-B640-B200-CWR635-8-127x75

Articulating carrier with radius 6.35 mm



TH238-4P-CWxdx180.....



TH238-B300--4P-CWR5x170

TH238

TH238-4P-CWxD8-iTH1-AfDP10s iTH1

With extensometer for chamber use



TH238-4P-CWX15x180



TH238-CWxD4 iTH1

Holder for internal extensometer
8 mm



TH238

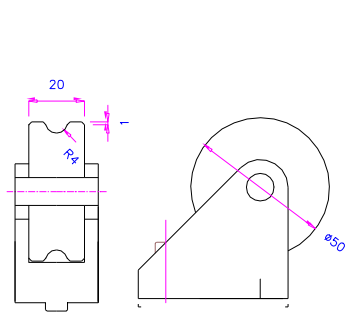
TH238-CWxD4-iTH2

Holder for external extensometer

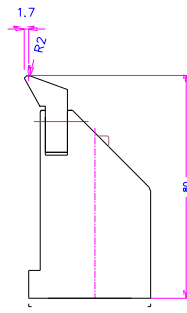


TH238-CR01

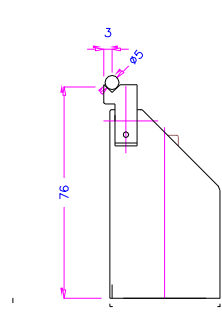
Radius 0.1 mm



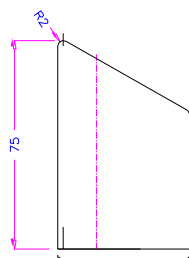
TH238-CVD50R4



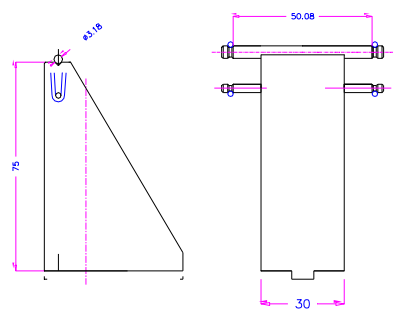
TH238-CWS17R2-H80



TH238-CWXS3D5-H76

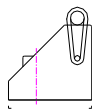


TH238-CR2H75



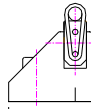
TH238-CXV3.18x50,08H75

CM



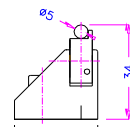
-CM

CWM

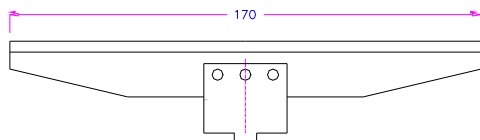
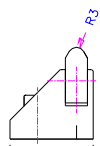


-CWM

CWN



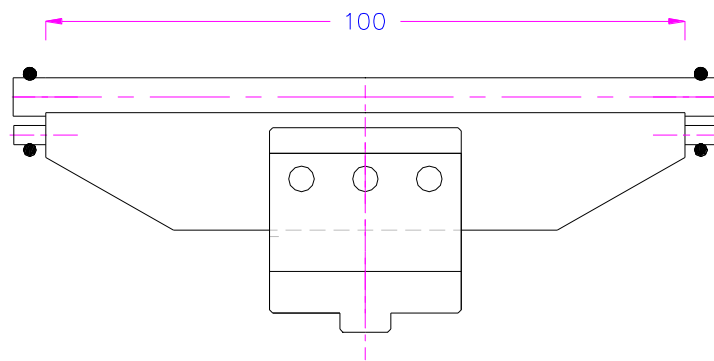
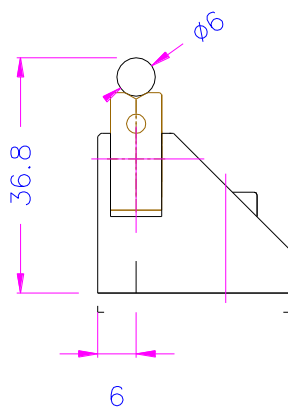
-CWN



TH238-CWR3x170
TH238-CW + TH238-WR3x170



THS884+TH238-300-cr2-or5



TH238-CWX6x100

New special bending devices since 1.3.2016	
	TH238-FOR32-Af150
	TH238-200-ar2-H40-Af159-ans + or5-
	TH238+TH42-10-R3+Ans

 A precision measuring tool consisting of a long, flat base with a central slot and two cylindrical rollers mounted on top. The base has a scale with markings from 0 to 120. A separate cylindrical roller is shown below the main assembly.	TH238-3P-300- CXD20x76
 Two views of a complex measuring tool. The top view shows a base with a central vertical assembly and two angled arms, each with a scale from 0 to 80. The bottom view shows the same tool from a different angle, highlighting the base and the angled arms.	TH238-CWD4-4p- WDFAM16-AM317

TH238

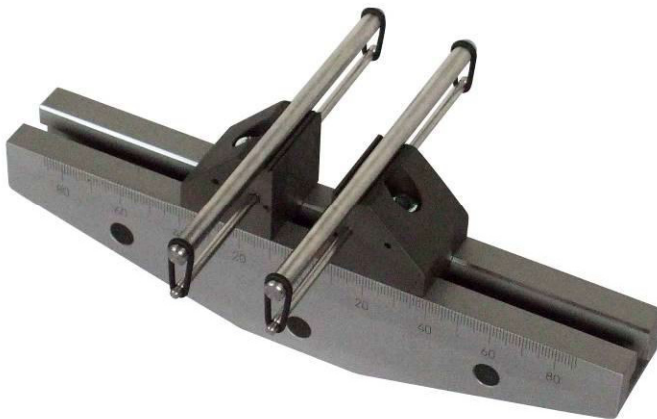


TH238-aX4.8.15-H50
TH238-H50-AX

Extra Height



TH238-300-
CX10x60-H100



TH238-CXF5x80

	TH238-CX12
	TH238-CR10
	TH238-cr1.5

MT 25.7.2016