

Specifications are subject to change without notice.

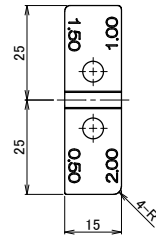
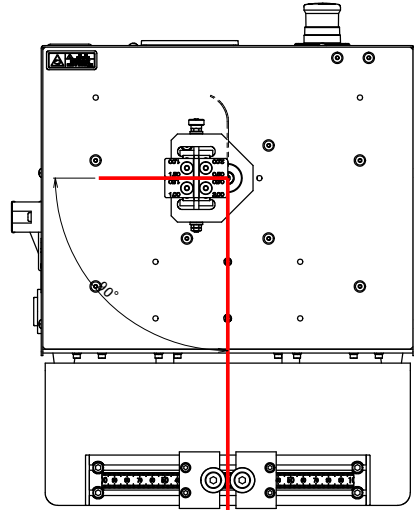
Standard Specification Drawing

◇Clamp Pads to Bend (Bending Cores)

- Choose the form (1 or 2 or 4 corners) to test condition.
- Material
  - ⇒ Included small bending radius, less than 2 mm.: SS400
  - ⇒ All Bending radius more than 2 mm.: A5052
- \* Please contact the sales agency if you want any specification, except of the standard.

◇C4BR <Standard Acc.: R0.50, R1.00, R1.50, R2.00>

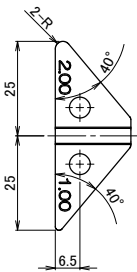
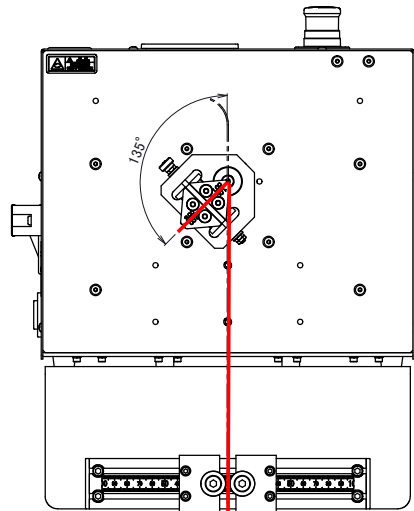
- Bending angle  $\leq 90$  deg.
- Can order additional blocks in another 4 radius.
- \* Total of neighboring radius must be smaller than 15.



ex. Material: SS400  
Moment of Inertia: 619.9 kg·mm<sup>2</sup>  
Testing Speed (max.):  $\pm 90 \Rightarrow 120$  r/min

◇C2BR <Standard Acc.: R1.00, R2.00>

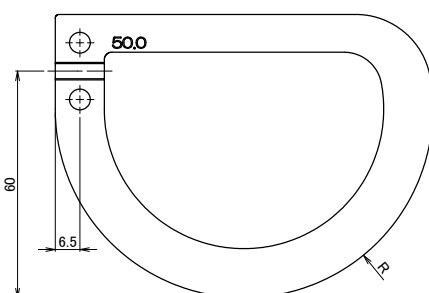
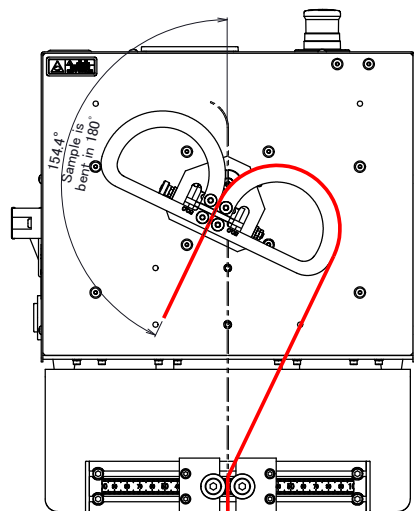
- Bending angle  $\leq 135$  deg.
- Can order additional blocks in another 2 radius. (max. R11.00 mm)



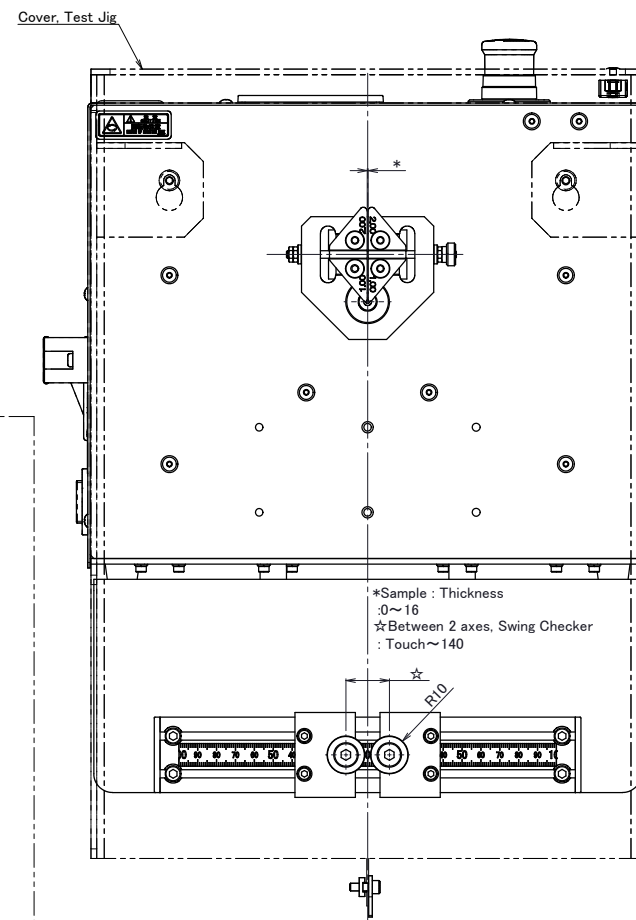
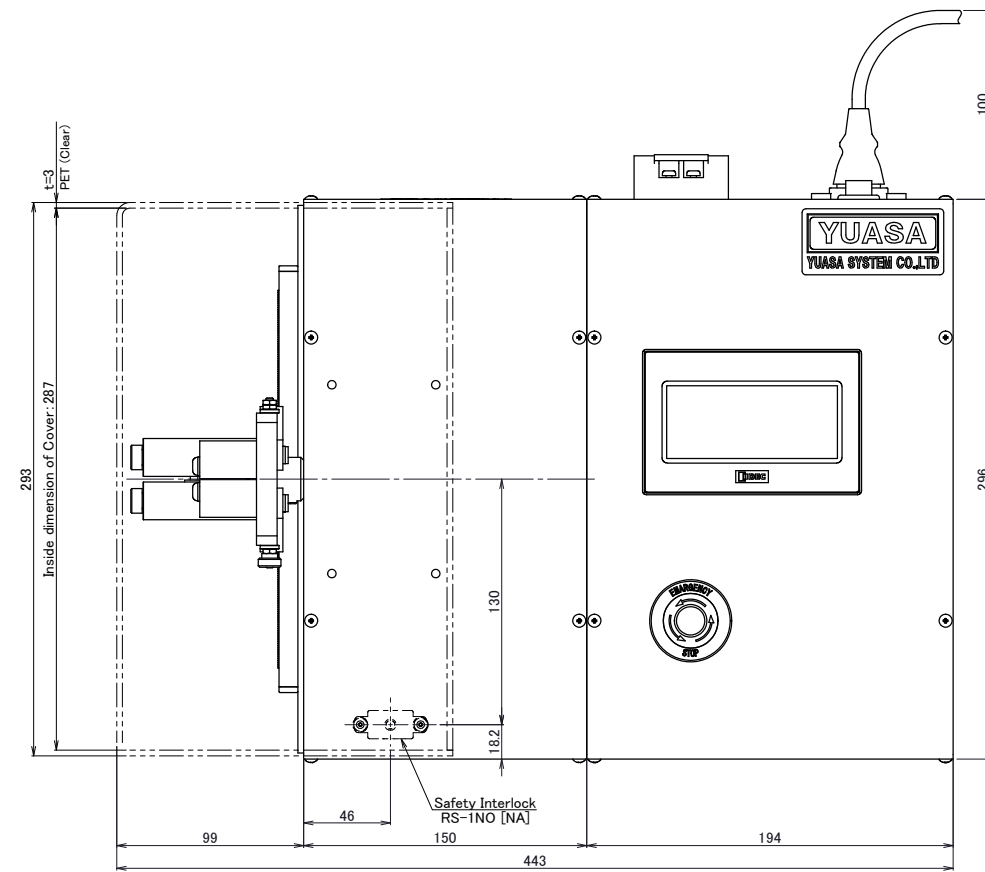
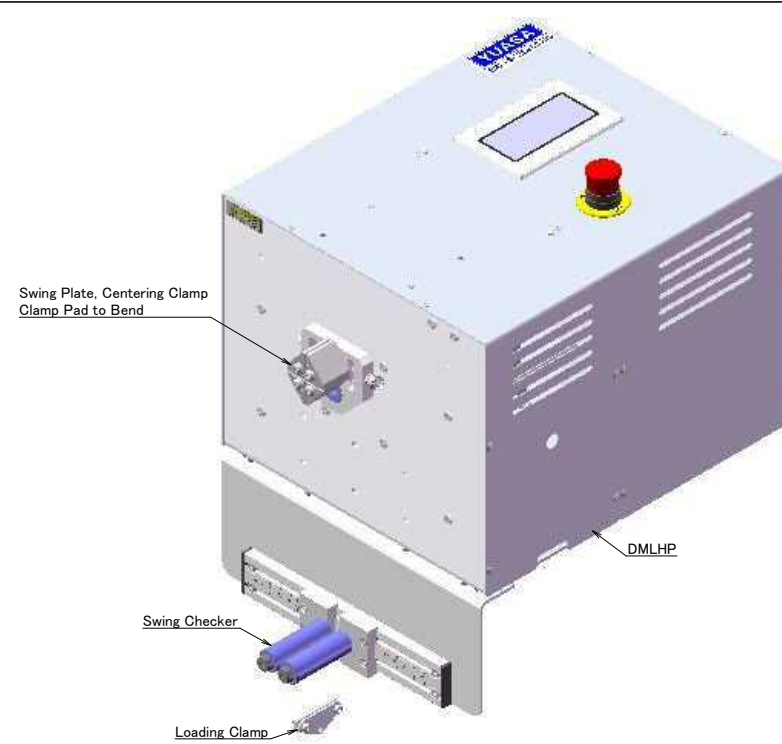
ex. Material: A5052  
Moment of Inertia: 548.3 kg·mm<sup>2</sup>  
Testing Speed (max.):  $\pm 90 \Rightarrow 120$  r/min  
 $\pm 135 \Rightarrow 90$  r/min

◇C1BR <Standard Acc.: R50.0>

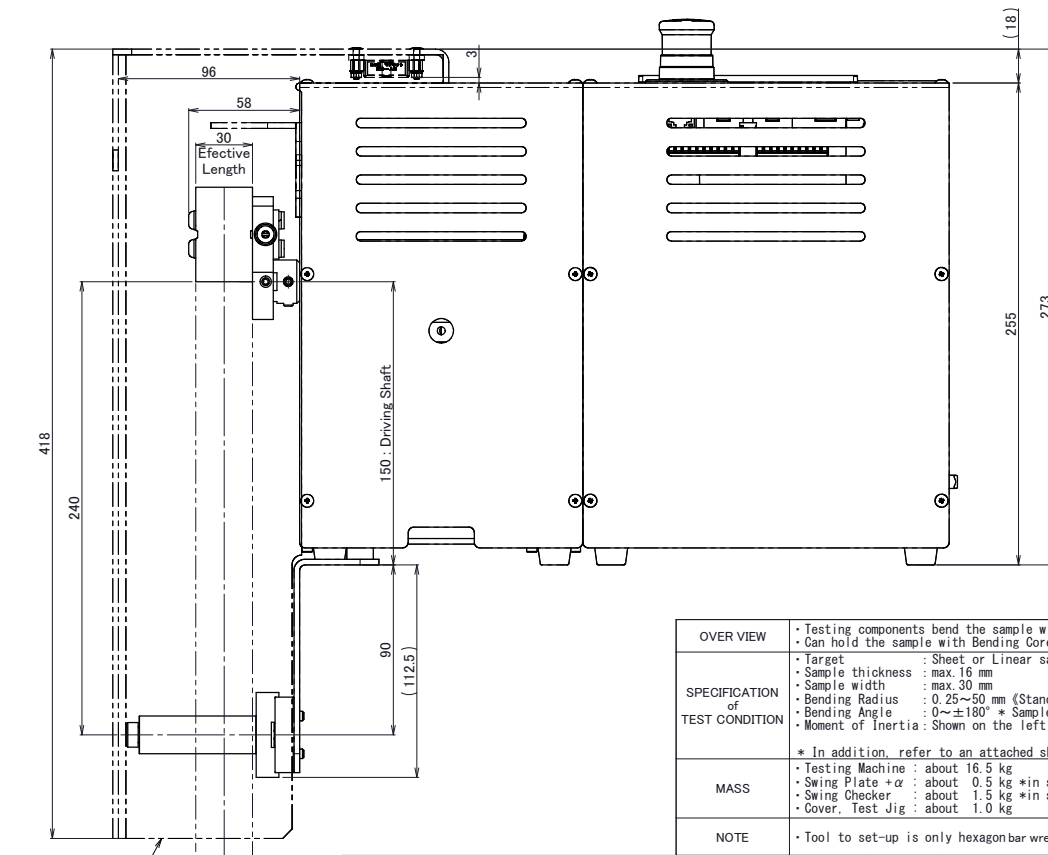
- Bending angle  $\leq 180$  deg.
- Can order additional blocks in another radius. (R10.0 ~ R50.0 mm)



ex. Material: A5052  
Moment of Inertia: 2345.4 kg·mm<sup>2</sup>  
Testing Speed (max.):  $\pm 90 \Rightarrow 100$  r/min  
 $\pm 135 \Rightarrow 70$  r/min  
 $\pm 154 \Rightarrow 60$  r/min



\*Sample : Thickness : 0~16  
\*Between 2 axes, Swing Checker : Touch~140



Lower surface is opened  
Loading Clamp (about 25g)  
Sample thickness: 0~6  
\* Can change with screws  
Weight (Customer Arrange) max.10 N

- ◇Standard Components and Accessories
- ET202002A0001 : Swing Centering Clamp
  - YP000P0000249 : Clamp Pad (R1.0, R2.0)
  - ET220001A0001 : Base, Swing Checker
  - ET206007A0006 : Swing Checker R10
  - ET203017A0001 : Loading Clamp
  - ET1500004A0001 : Cover, Test Jig

OVER VIEW	• Testing components bend the sample with swinging Bending Cores. • Can hold the sample with Bending Cores.
SPECIFICATION of TEST CONDITION	• Target : Sheet or Linear samples • Sample thickness : max. 16 mm • Sample width : max. 30 mm • Bending Radius : 0.25~50 mm (Standard Acc.: Refer to the left margin.) • Bending Angle : 0~ $\pm 180^\circ$ * Sample should not interfere with each parts. • Moment of Inertia : Shown on the left margin.
MASS	* In addition, refer to an attached sheet for the details of DMLHP, DMLHB. • Testing Machine : about 16.5 kg • Swing Plate + $\alpha$ : about 0.5 kg *in standard, C2BR "R1.00, R2.00" • Swing Checker : about 1.5 kg *in standard, R10 • Cover, Test Jig : about 1.0 kg
NOTE	• Tool to set-up is only hexagon bar wrench (3 mm).

材質 MATERIAL	第3角法 PROJECTION	尺 寸 SCALE	TITLE
質量 MASS	作成日付 DATE	1:2	名 Desktop Mdel Endurance Testing Machine
表面処理 SURFACE PROCESSING	承認 APPROVED	Y. Moriya	称 Test Jig, Bending (Centering Clamp, Bending Core)
熱処理 HEAT TREATMENT	検 査 CHECKED	H. Sasaki	図 DWG. No.
	設 計 DESIGNED	N. Taniguchi	番 ET202002S0001-0