

V-1

Description:

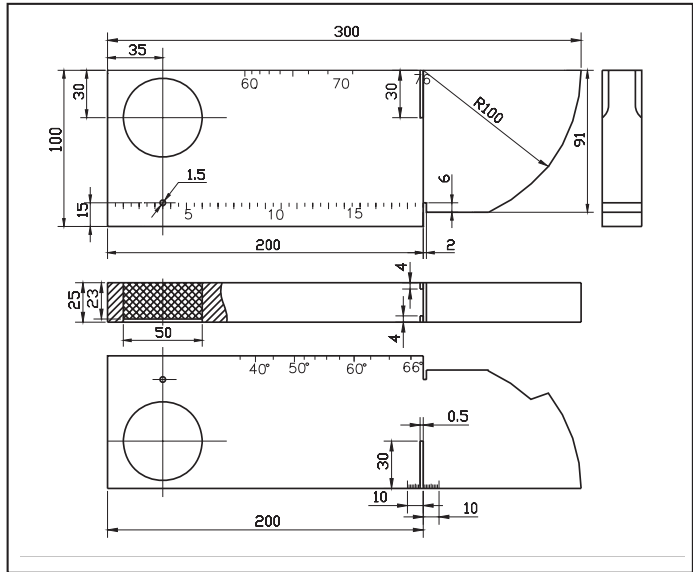
25mm thickness of the block is used to test the dynamic range of the flaw detector, horizontal linearity and adjustment of p-wave detection range

Ø50mm arc and Ø1.5mm hole is used to test the refraction angle of angle beam probe and sensitivity leavings of straight beam probe. It is also can be used to estimate the blind area and the penetrating power

R100mm circular is used to test the incident point of angle beam probe, blind area and adjust the timeline and the zero

85mm, 91mm and 100mm is used to test the vertical resolution of straight beam probe

Right-angle edge of the test block is used to test the deflection angle of the sound beam



V-2

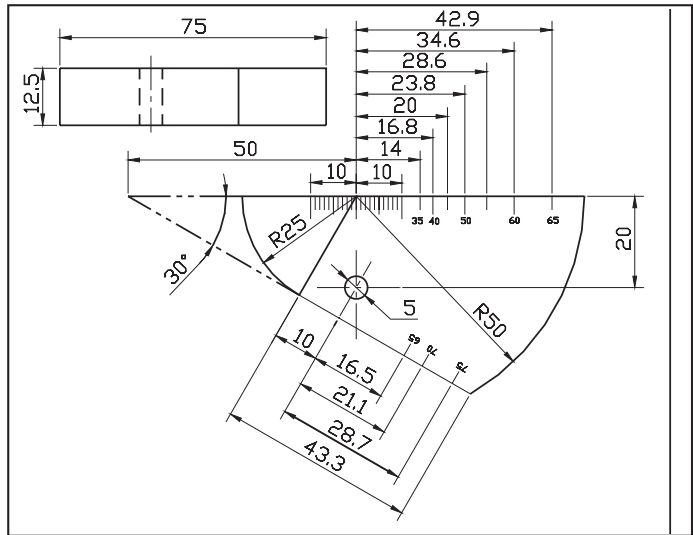
Description:

R50mm arc is used to test the refraction angle and sensitivity leavings of angle beam probe

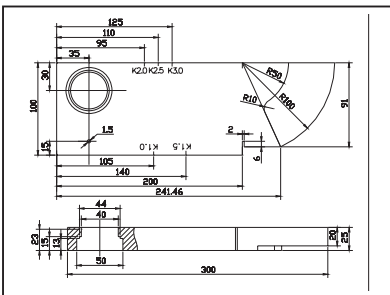
The reflector of Ø5mm hole can be used to detect the refraction angle in the range of 45° ~65° and 65° ~75°

12.5mm bottom can be used to test the horizontal linearity and the vertical linearity

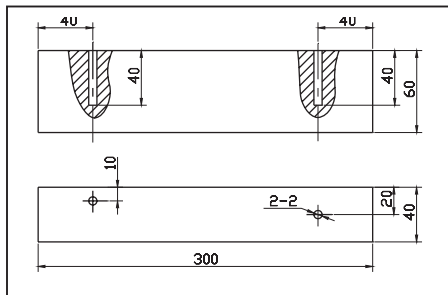
R25mm and R50mm circular is used to adjust the timeline and the zero



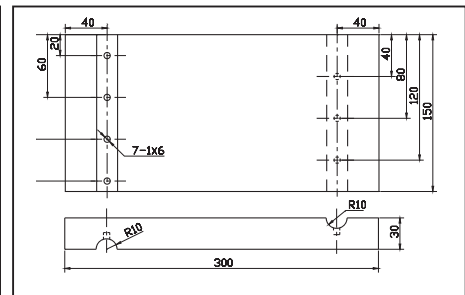
CSK- A, CSK- A, CSK- A



CSK- A



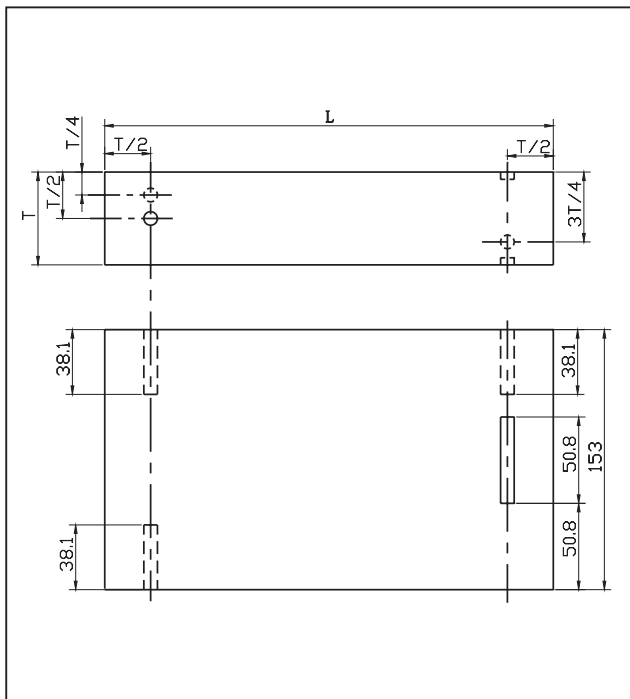
CSK- A



CSK- A

Description: CSK- A, CSK- A, CSK- A is suitable for welding joints with 6~120mm wall thickness.

ASME-1#, ASME-2#, ASME-3#, ASME-4#, ASME-5#, ASME-6#

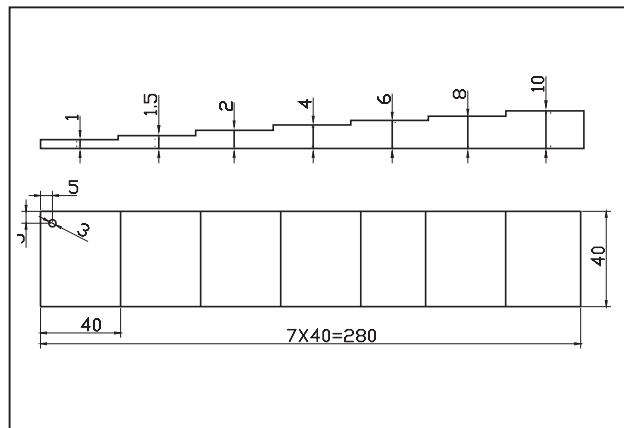


Description: The size and dimension is as follows, L is determined by the refraction angle and the material of the probe.

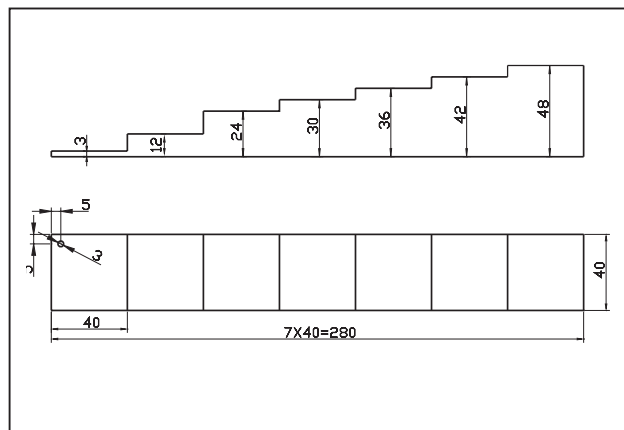
Unit:mm

NO.	Weld thickness t	T	L	Diameter	Groove (L x W x H)
1	≤25.4	19.05	150	Ø2.4	50.8 x 5 x 0.38
2	> 25.4~50.8	38.1	200	Ø3.2	50.8 x 5 x 0.76
3	> 50.8~101.6	76.2	250	Ø4.8	50.8 x 5 x 1.52
4	> 101.6~152.4	127	381	Ø6.4	50.8 x 5 x 2.54
5	> 152.4~203.2	177.8	534	Ø7.9	50.8 x 5 x 3.56
6	> 203.2~254	228.6	686	Ø9.5	50.8 x 5 x 4.57

Thickness step check piece

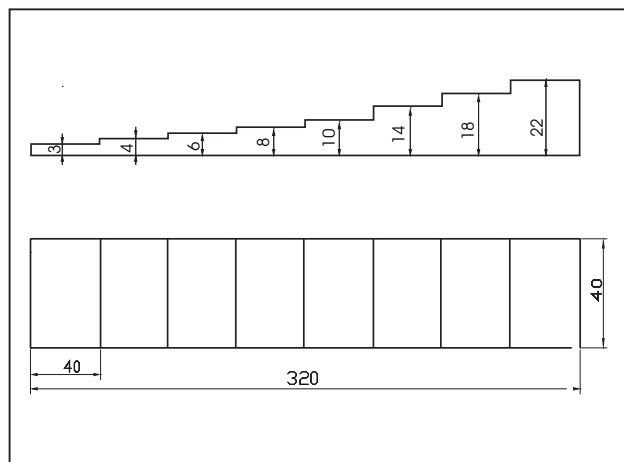


The thickness is 1~10mm



The thickness is 3~48mm

CBI



Description: When the thickness of steel plate is less than 20mm, it recommends using CBI.