



پتروفرهان گستر جنوب

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CERTIFICATE CALIBRATION

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Metric 8 Step NDT Ultrasonic Calibration Block  
8 Step test block Wedge Testing Ultrasonic Test Block 1018 steel  
Ultrasonic thickness gauge

Metric 8-step thickness and linearity calibration block. This block  
comes in thicknesses of 3.0, 4.0, 5.0, 6.0, 7.0, 8.0 , 9.0 and 10.0mm ;  
Tolerance  $\pm 0.5$   
Step face measures 40mm x 40mm.

Model  
PIC  
Description  
8 Step Test Block  
S-10-MM

The main chemical composition should comply with GB699 "Steel Grade  
and General Technical Conditions of High-Quality Carbon Structural  
Steel"

(spot inspection)

After normalizing treatment, the grain size of the main body material  
should reach level 5~6, and the hardness should be  $250 \pm 25$ HB (sampling  
inspection)

When the blank is subjected to 100% flaw detection, there should be no  
defects 8dB smaller than the signal of a 2mm diameter flat-bottomed  
hole in the axial and radial directions of the blank. The surface should  
not have obvious scratches, bruises, rust and other defects. Surface  
roughness: Ra1.6 on the detection surface, Ra 6.3 on the rest.

MM,1018 steel, 8step test block  
Thickness:3mm/4mm/5mm/6mm/7mm/8mm/9mm/10mm  
size:320\*40mm Tolerance  $\pm 0.10$

Velocity : 5920+50m/s , Specification : EN2223 ,  
Din EN ISO 9001 by TÜV-Cert no 091003043

Production date: 2023.0

Implementation standards JB4730-94

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