ASTM D5748 Testing Equipment for Puncture Resistance of Stretch Wrap Film

Description



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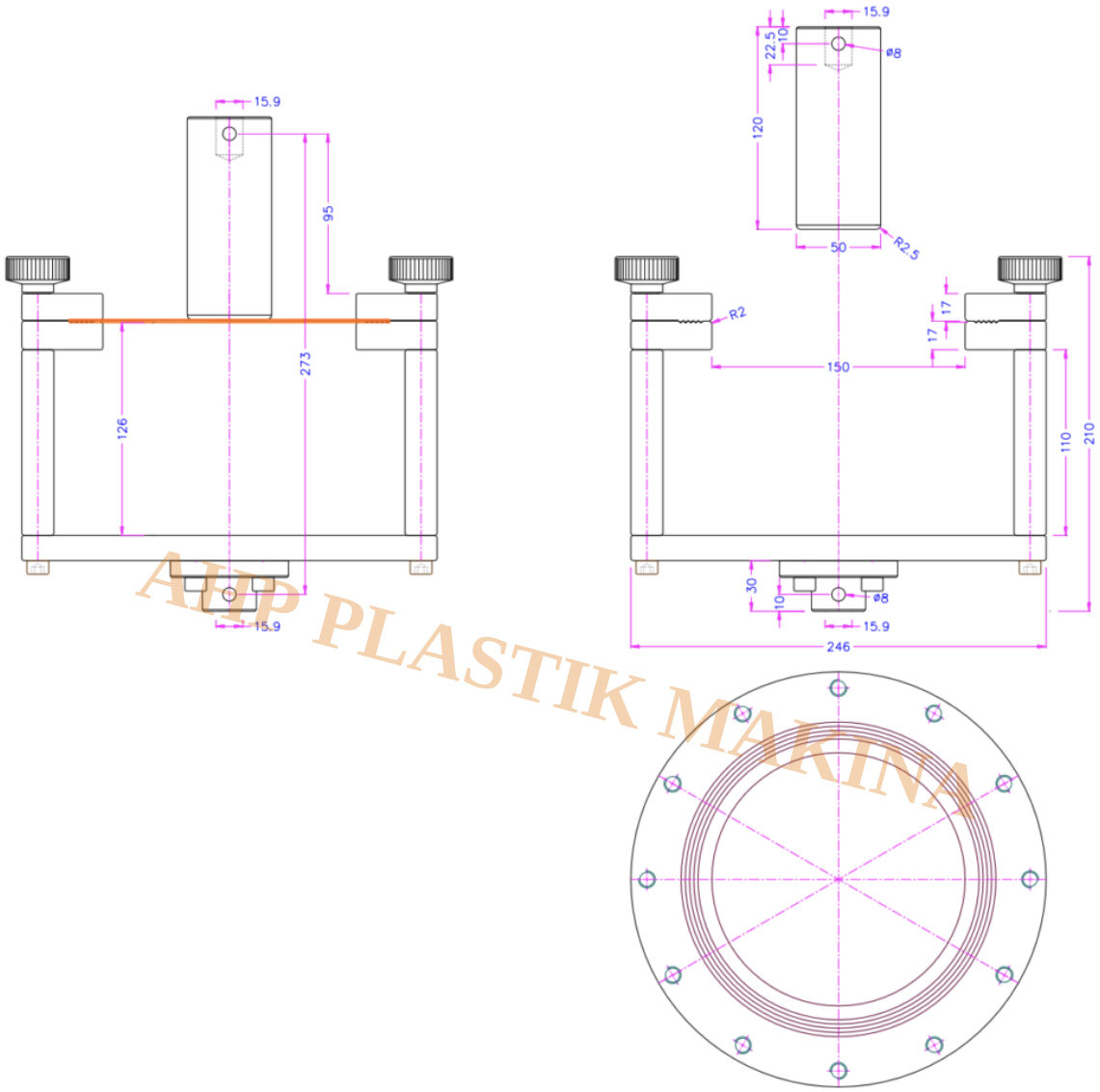
Puncture Test Fixtures

AHP5748-174 test fixture meets ASTM D5748 requirements. ASTM D5748 is used for testing the puncture resistance of stretch wrap film. The fixture consists of a 19mm (0.75 in.) diameter, pear-shaped and clamping fixture having a 102 mm (4 in.) diameter opening and 200 mm depth.

PUNCTURE FIXTURES
to test geotextiles, plastic films, protective clothing, etc. according to ASTM-D6241-B,
DIN EN ISO12236, ASTM-D5748, EN388

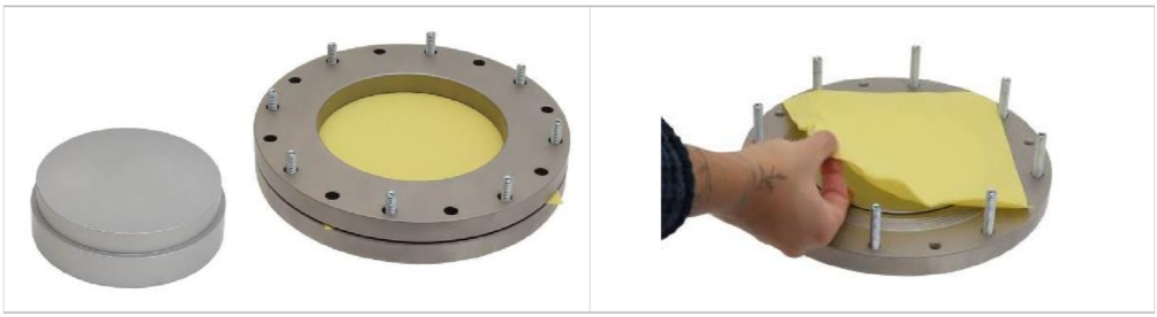
Model no.:	**AHP174-150-50**
Puncture fixture according to **ASTM-D6241-B**, **DIN EN ISO12236** to test geotextiles	
Max. load:	50 kN (11,250 lbf)
Adapter:	Af159. Other adapters on request.
Body:	Steel, nickel-plated
Temperature range:	0 ... +70°C Other temperature ranges on request
Weight:	19 kg per fixture with Af159 plunger incl. positioning tool





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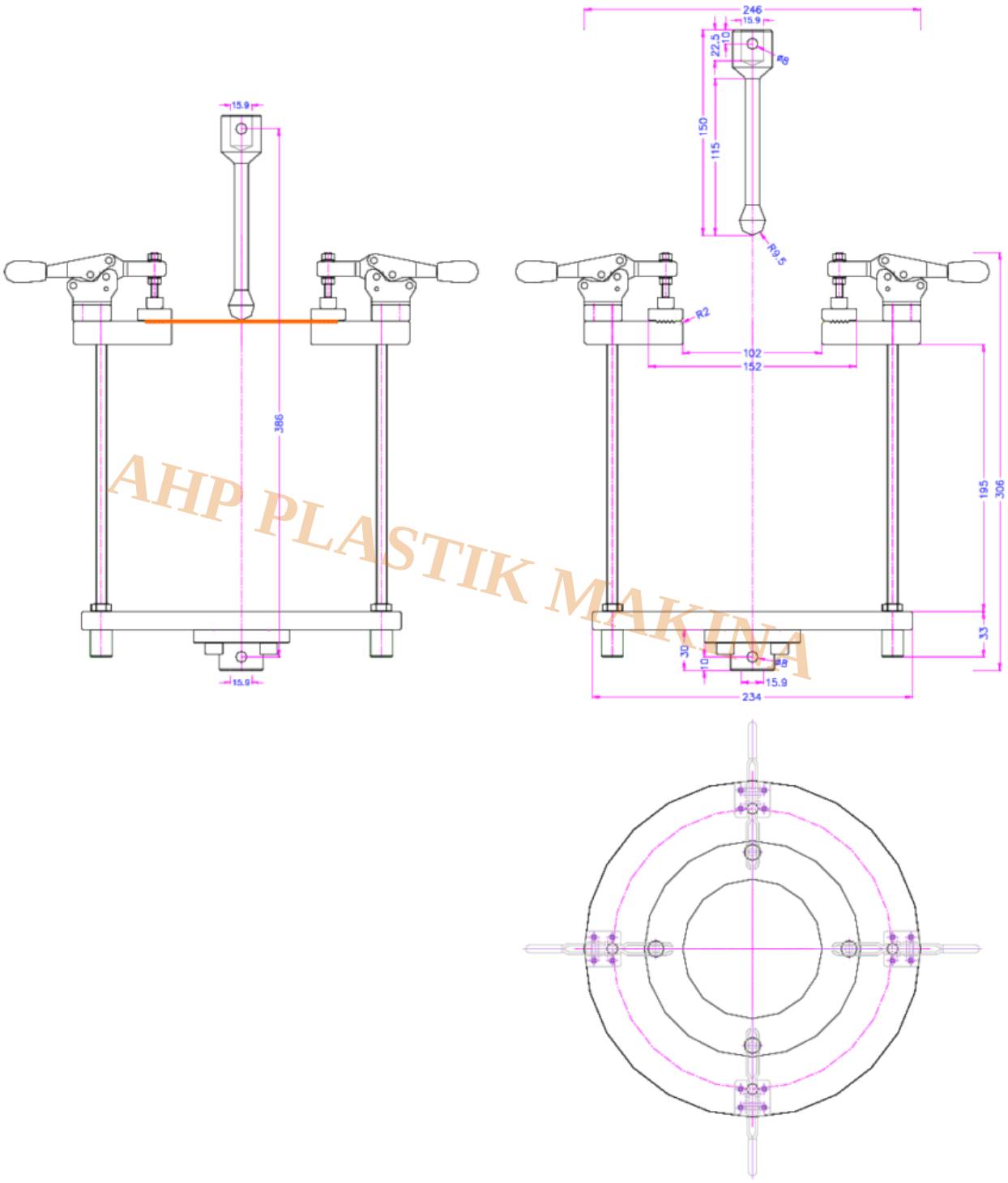
Sample positioning tool for AHP174-150-50



no.:	AHP174-102-PD19Te
Puncture fixture according to **ASTM D5748** to determine protrusion puncture resistance of stretch wrap film	
Max. load:	5 kN (1125 lbf)
Adapter:	Af159. Other adapters on request.
Body:	Steel, nickel-plated
Temperature range:	0 ... +70°C Other temperature ranges on request
Weight:	8.9 kg per fixture with Af159 plunger



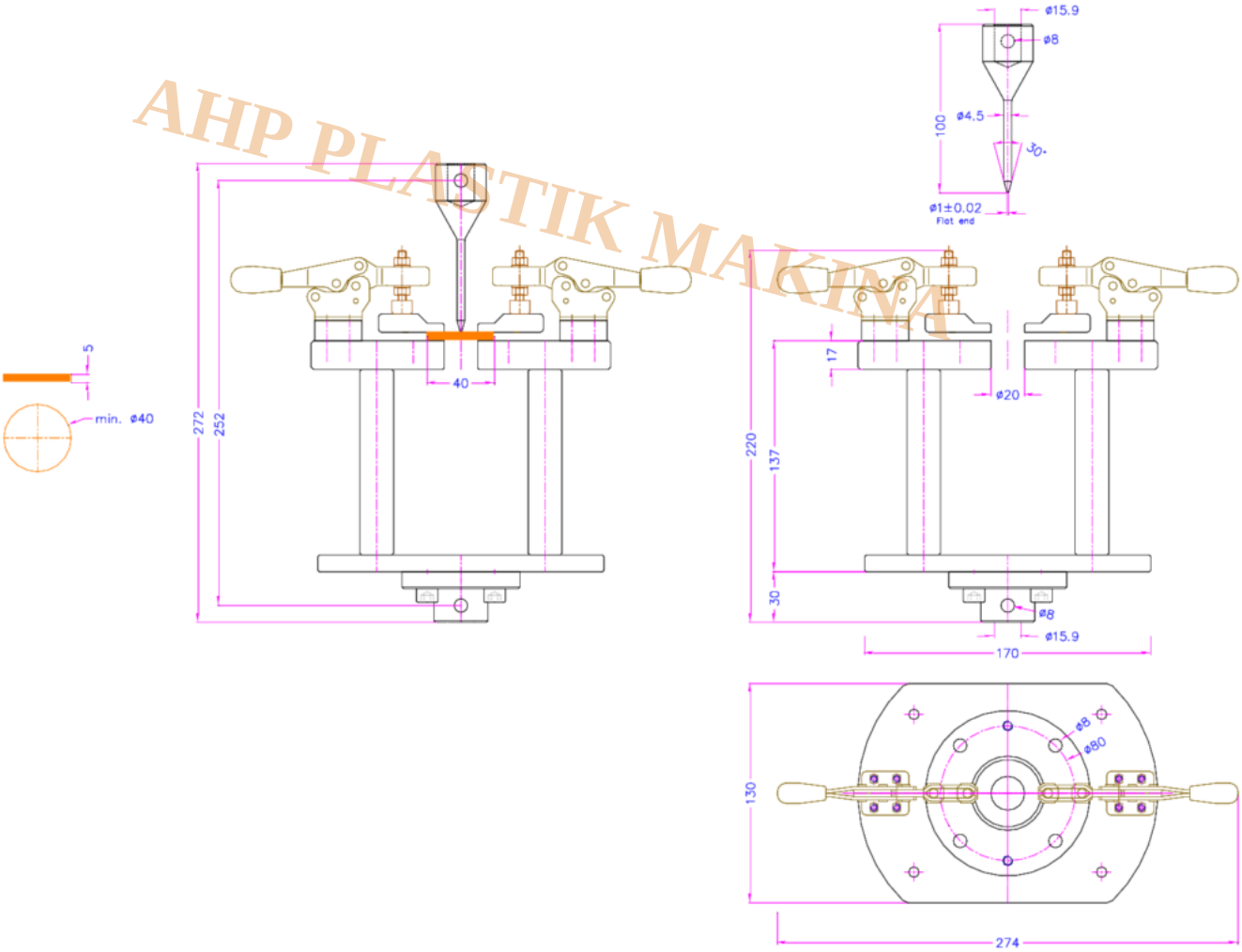
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Model no.:	**AHP174-20-V1-W130-EN388**
Puncture fixture according to **DIN EN388** to test protective gloves	
Max. load:	20 kN (4500 lbf)
Adapter:	Af159 or Af20. Other adapters on request.
Body:	Steel, nickel-plated
Temperature range:	0 ... +70°C Other temperature ranges on request
Weight:	4.75 kg per fixture with Af159 probe





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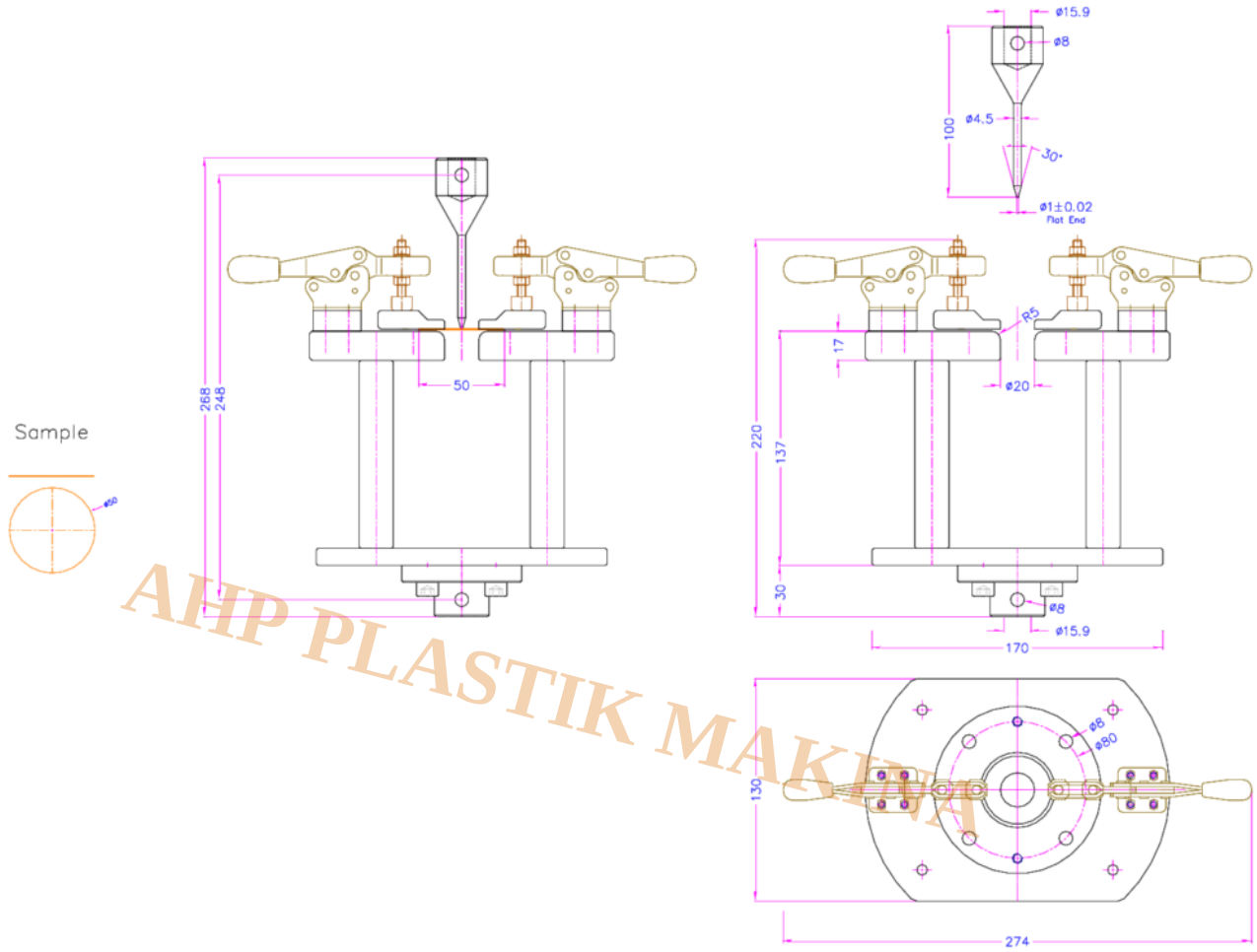




Model no.:	**AHP174-20-V1-W130-EN863**
Puncture fixture according to **DIN EN863** to test protective clothing	
Max. load:	20 kN (4500 lbf)
Adapter:	Af159 or Af20. Other adapters on request.
Body:	Steel, nickel-plated
Temperature range:	0 ... +70°C Other temperature ranges on request
Weight:	4.8 kg per fixture with Af159 probe



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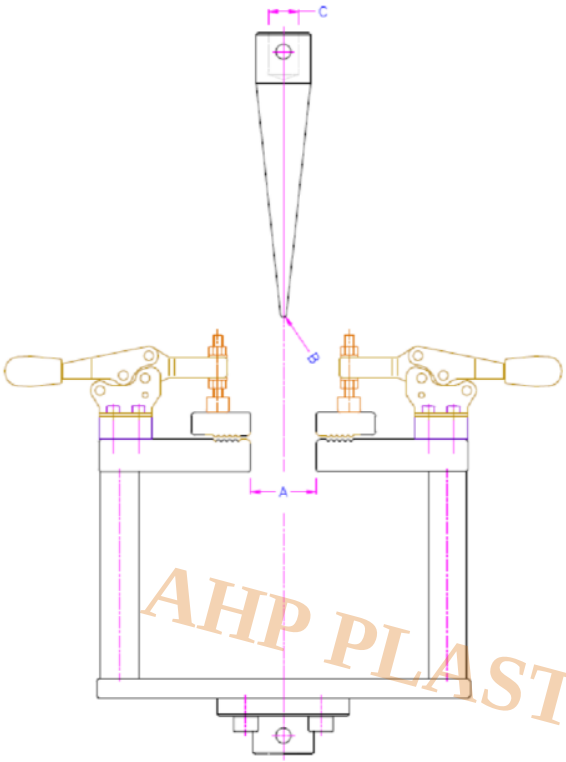
Examples for custom made solutions:



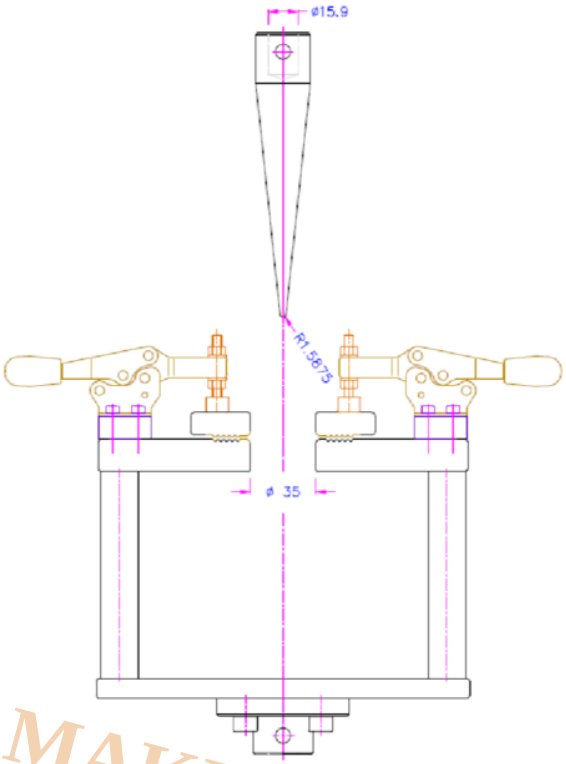
AHP174-40-P2
Inserts with 20 mm and 30 mm Ø of hole



AHP1598-35H60-FD15-Q200
to determine stiffness of fabric according to ASTM-D4032
square design 200x200 mm, aluminium



AHP174-A-B-C



AHP174-35-R1.5875-Af159

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We can offer AHP174 fixtures according to many other test standards such as, for example:

ASTM D751
Standard Test Methods for Coated Fabrics

ASTM D1709
Impact Resistance of Plastic Film by the Free-Falling Dart Method

ASTM D3763
High Speed Puncture Properties of Plastics Using Load and Displacement Sensors

ASTM D5494
Determination of Pyramid Puncture Resistance of Unprotected and Protected Geomembranes

ASTM F1342
Protective Clothing Material Resistance to Puncture

DIN EN ISO 20344
Personal protective equipment â€“ Test methods for footwear

DIN EN ISO 7765-1
Plastics film and sheeting â€“ Determination of impact resistance by the free-falling dart method â€“ Part 1: Staircase methods

DIN 53142-1
Testing of board â€“ Puncture test â€“ Part 1: Puncture test with a pendulum punching device

EN 12568
Foot and leg protectors â€“ Requirements and test methods for toecaps and penetration resistant inserts

GOST 13525.8
Fibre intermediate products, paper and board. Method for determination of resistance to bursting

ISO 14704
Fine ceramics (advanced ceramics, advanced technical ceramics) â€“ Test method for flexural strength of monolithic ceramics at room temperature

MIL-C-51251A
Cloth, coated; CBR protective

MIL-DTL-6396F
Tanks, fuel, oil, cooling fluids, internal , removable, non-self-sealing

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Category

1. Equipment for Standards
2. Standards