



### Technical specification

The following versions are currently available:

**ROCKWELL**

1.

<p><b>Rockwell hardness test</b> Dimensions: Ø 115 x 12 mm</p> <p><b>1st standard:</b> DIN EN ISO 6508-3 Grid lines optional</p>	<p>Price: EUR 395.00 Plus EUR 10.00</p>
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Dimensions	Process	Hardness numbers															
115 x 12-HR	HRA	60	63	65	68	70	73	76	79	81	83						
115 x 12-HR	HRB	98															
115 x 12-HR	HRC	20	25	30	35	40	45	50	55	60	62/63						
115 x 12-HR	HR45N	18	25	30	36	42	48	54	60	66	69						
115 x 12-HR	HR30N	40	44	49	55	60	63	67	72	76	79						
115 x 12-HR	HR15N	68	71	74	77	80	82	85	87	90	91						
115 x 12-HR	HR30T	80	82														
115 x 12-HR	HR15T	91	92	93													

**Comments**  
Please note that according to Table A4.1 of ASTM E 18, the hardness reference block's maximum permissible surface is limited to 2.600 mm<sup>2</sup>. Since the SiB hardness reference block's diameter is 115 mm, resulting in a surface of 10.381 mm<sup>2</sup>, its size exceeds the ASTM E 18 requirements significantly, meaning calibration according to ASTM E 18 is not possible.

**NEW**

<p><b>Rockwell hardness test</b> Dimensions: 60 x 60 x 16 mm</p> <p><b>1st standard:</b> DIN EN ISO 6508-3 <b>2nd standard:</b> ASTM E 18 <b>3rd standard:</b> DIN EN ISO 6508-3 <b>and</b> ASTM E 18 Grid lines optional</p>	<p>Price: EUR 260.00 Price: EUR 260.00 Price: EUR 270.00 Plus EUR 10.00</p>
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Dimensions	Process	Hardness numbers															
60 x 60 x 16-HR	HRA	60	63	65	68	70	73	76	79	81	83						
60 x 60 x 16-HR	HRB	98															
60 x 60 x 16-HR	HRC	20	25	30	35	40	45	50	55	60	62/63						
60 x 60 x 16-HR	HR45N	18	25	30	36	42	48	54	60	66	69						
60 x 60 x 16-HR	HR30N	40	44	49	55	60	63	67	72	76	79						
60 x 60 x 16-HR	HR15N	68	71	74	77	80	82	85	87	90	91						
60 x 60 x 16-HR	HR30T	80	82														
60 x 60 x 16-HR	HR15T	91	92	93													



## Technical specification

The following versions are currently available:

# BRINELL

2.

<b>Brinell hardness test</b> Dimensions: Ø 115 x 16 mm	
<b>1st standard:</b> DIN EN ISO 6506-3	Price: EUR 300.00
<b>2nd standard:</b> ASTM E 10	Price: EUR 300.00
<b>3rd standard:</b> DIN EN ISO 6506-3 <b>and</b> ASTM E 10	Price: EUR 310.00
Grid lines optional	Plus EUR 10.00

Dimensions	Process	Hardness numbers							
115 x 16-HB	HBW 10/3000	200	250	300	350	400	450	500	600
115 x 16-HB	HBW 5/750	200	250	300	350	400	450	500	600
115 x 16-HB	HBW 2,5/187,5	200	250	300	350	400	450	500	600
115 x 16-HB	HBW 2,5/62,5	200	250						
115 x 16-HB	HBW 1/30	200	250	300	350	400	450	500	600
115 x 16-HB	HBW 1/10	200	250						

### Comments

Please note that according to Table A4.1 of ASTM E 10, the hardness reference block's maximum permissible surface is limited to 150 cm<sup>2</sup> (Ø 5 mm + Ø 10 mm penetrators) or 40 cm<sup>2</sup> (Ø 1 mm + Ø 2.5 mm penetrators). Since the permissible surface is exceeded in calibrations using the Ø 1 mm + Ø 2.5 mm penetrators, the hardness reference block's effective ASTM surface is marked using a square with an edge length of 63 mm. The additional surface is valid according to DIN EN ISO.

<b>Brinell hardness test</b> Dimensions: Ø 125 x 16 mm	
<b>1st standard:</b> DIN EN ISO 6506-3	Price: EUR 330.00
<b>2nd standard:</b> ASTM E 10	Price: EUR 330.00
<b>3rd standard:</b> DIN EN ISO 6506-3 <b>and</b> ASTM E 10	Price: EUR 340.00
Grid lines optional	Plus EUR 10.00

Dimensions	Process	Hardness numbers	
125 x 16-HB	HBW 10/3000	150	
125 x 16-HB	HBW 5/750	150	
125 x 16-HB	HBW 2,5/187,5	150	
125 x 16-HB	HBW 2,5/62,5	150	



### Technical specification

The following versions are currently available:

**VICKERS**

3.

**Vickers hardness test** Dimensions: Ø 40 x 10 mm & Ø 65 x 10 mm

**1st standard:** DIN EN ISO 6507-3

Price: EUR 395.00

**2nd standard:** ASTM E 384

Price: EUR 395.00

**3rd standard:** DIN EN ISO 6507-3 **and** ASTM E 384

Price: EUR 405.00

Grid lines optional

Plus EUR 10.00

Dimensions	Process	Hardness numbers							
40 x 10-HV	HV 0,1	200	300	400	550	620	700	780	
40 x 10-HV	HV 0,2	200	300	400	550	620	700	780	
40 x 10-HV	HV 0,3	200	300	400	550	620	700	780	
40 x 10-HV	HV 0,5	200	300	400	550	620	700	780	
65 x 10-HV	HV 1	200	300	400	550	620	700	780	
65 x 10-HV	HV 2	200	300	400	550	620	700	780	
65 x 10-HV	HV 3	200	300	400	550	620	700	780	
65 x 10-HV	HV 5	200	300	400	550	620	700	780	
65 x 10-HV	HV 10	200	300	400	550	620	700	780	
65 x 10-HV	HV 20	200	300	400	550	620	700	780	
65 x 10-HV	HV 30	200	300	400	550	620	700	780	
65 x 10-HV	HV 50	200	300	400	550	620	700	780	
65 x 10-HV	HV 100	200	300	400	550	620	700	780	

More information and ordering options are available at [www.sib-testblock.de](http://www.sib-testblock.de)