



Technical specification

The following versions are currently available:

ROCKWELL

1.

Rockwell hardness test Dimensions: Ø 115x12mm

1st standard: DIN EN ISO 6508-3

Grid lines optional

Price: EUR 395.00

Plus EUR 10.00

Dimensions	Process	Hardness numbers										
115x12-HR	HRA	60	63	65	68	70	73	76	79	81	83	
115x12-HR	HRB	98										
115x12-HR	HRC	20	25	30	35	40	45	50	55	60	62/63	
115x12-HR	HR45N	18	25	30	36	42	48	54	60	66	69	
115x12-HR	HR30N	40	44	49	55	60	63	67	72	76	79	
115x12-HR	HR15N	68	71	74	77	80	82	85	87	90	91	
115x12-HR	HR30T	80	82									
115x12-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 2.600mm². Since the SiB hardness reference block's diameter is 115mm, resulting in a surface of 10.381mm², its size exceeds the ASTM E 18 requirements significantly, meaning calibration according to ASTM E 18 is not possible.

Rockwell hardness test Dimensions: Ø 65x10mm

1st standard: DIN EN ISO 6508-3

2nd standard: ASTM E 18

3rd standard: DIN EN ISO 6508-3 **and** ASTM E 18

Grid lines optional

Price: EUR 260.00

Price: EUR 260.00

Price: EUR 270.00

Plus EUR 10.00

Dimensions	Process	Hardness numbers							
65x10-HR	HRA	66	71	77	80	82	83		
65x10-HR	HRC	31	42	53	57	60	64		
65x10-HR	HR45N	10	32	45	58	62	66	70	
65x10-HR	HR30N	51	61	71	74	77	80		
65x10-HR	HR15N	75	81	86	88	90	91		
65x10-HR	HR30T	86							
65x10-HR	HR15T	94							



Technical specification

The following versions are currently available:

BRINELL

2.

Brinell hardness test Dimensions: Ø 115x16mm		
1st standard: DIN EN ISO 6506-3		Price: EUR 300.00
2nd standard: ASTM E 10		Price: EUR 300.00
3rd standard: DIN EN ISO 6506-3 and ASTM E 10		Price: EUR 310.00
Grid lines optional		Plus EUR 10.00

Dimensions	Process	Hardness numbers							
115x16-HB	HBW 10/3000	200	250	300	350	400	450	500	600
115x16-HB	HBW 5/750	200	250	300	350	400	450	500	600
115x16-HB	HBW 2,5/187,5	200	250	300	350	400	450	500	600
115x16-HB	HBW 2,5/62,5	200	250						
115x16-HB	HBW 1/30	200	250	300	350	400	450	500	600
115x16-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 150cm² (ø 5mm + ø 10mm penetrators) or 40cm² (ø 1mm + ø 2.5mm penetrators). Since the permissible surface is exceeded in calibrations using the ø 1mm + ø 2.5mm penetrators, the hardness reference block's effective ASTM surface is marked using a square with an edge length of 63mm. The additional surface is valid according to DIN EN ISO.

Brinell hardness test Dimensions: Ø 125x16mm		
1st standard: DIN EN ISO 6506-3		Price: EUR 330.00
2nd standard: ASTM E 10		Price: EUR 330.00
3rd standard: DIN EN ISO 6506-3 and ASTM E 10		Price: EUR 340.00
Grid lines optional		Plus EUR 10.00

Dimensions	Process	Hardness numbers	
125x16-HB	HBW 10/3000	150	
125x16-HB	HBW 5/750	150	
125x16-HB	HBW 2,5/187,5	150	



Technical specification

The following versions are currently available:

VICKERS

3.

Vickers hardness test Dimensions: Ø 40x10mm & Ø 65x10mm	
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							
40x10-HV	HV 0,1	200	300	400	550	620	700	780	
40x10-HV	HV 0,2	200	300	400	550	620	700	780	
40x10-HV	HV 0,3	200	300	400	550	620	700	780	
40x10-HV	HV 0,5	200	300	400	550	620	700	780	
65x10-HV	HV 1	200	300	400	550	620	700	780	
65x10-HV	HV 2	200	300	400	550	620	700	780	
65x10-HV	HV 3	200	300	400	550	620	700	780	
65x10-HV	HV 5	200	300	400	550	620	700	780	
65x10-HV	HV 10	200	300	400	550	620	700	780	
65x10-HV	HV 20	200	300	400	550	620	700	780	
65x10-HV	HV 30	200	300	400	550	620	700	780	
65x10-HV	HV 50	200	300	400	550	620	700	780	
65x10-HV	HV 100	200	300	400	550	620	700	780	

More information and ordering options are available at www.sib-testblock.de

Or choose your distributor:



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