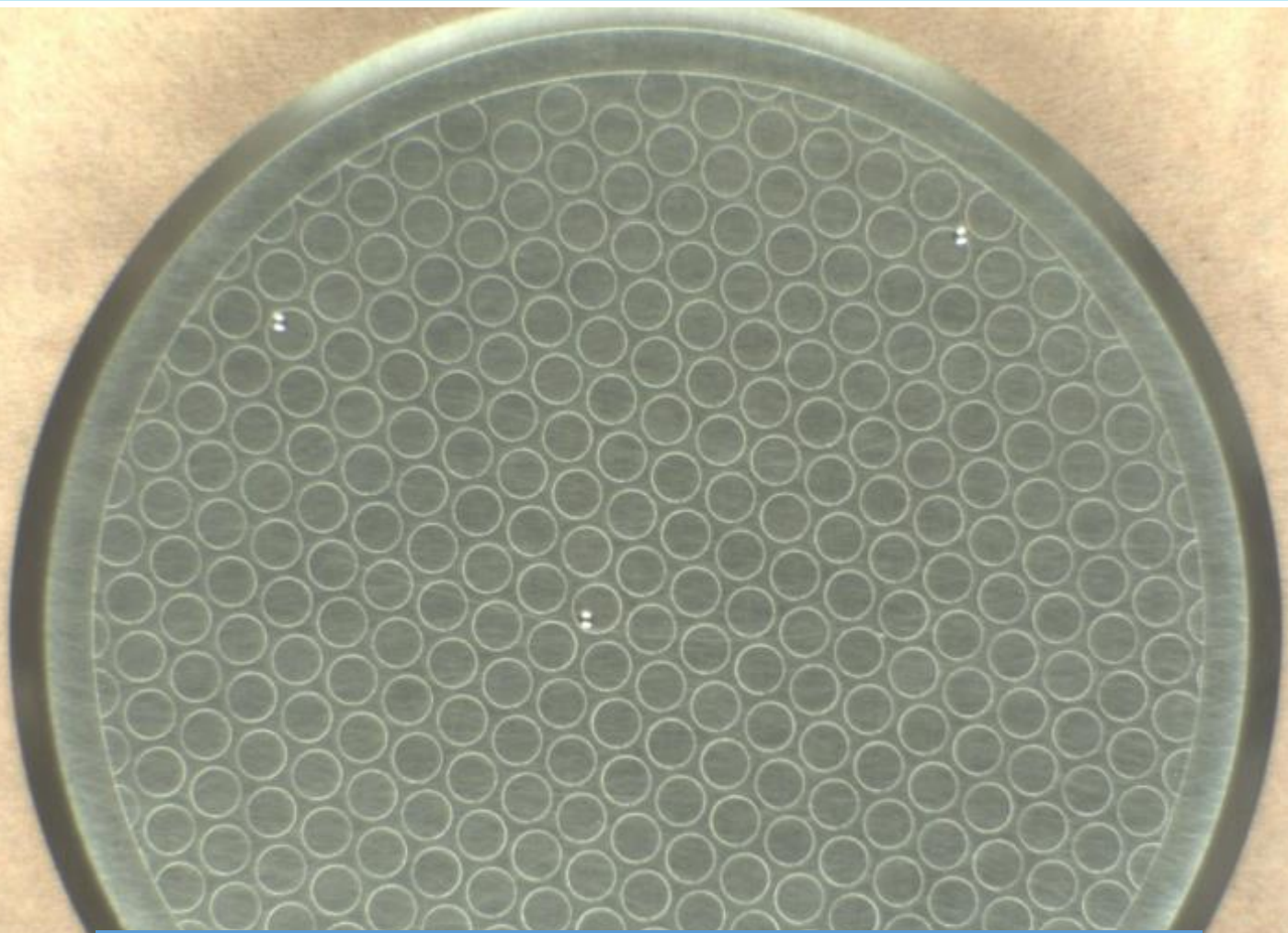




Hardness Test Blocks



Hardness Test Blocks Guidelines



Internal Verification	Shelf life of tests blocks	Indirect Verification
Daily verification are an essential part of producing reliable hardness tests compliant with both ISO and ASTM standards. Such tests are a process for monitoring the performance of the machine between indirect verification.	Shelf life of test blocks is linked to the quantity of tests it is possible to run on the test surface. This quantity depends on the size of the indenter as the distance between two tests must be compliant with both ISO and ASTM standards.	Indirect Verification are to be performed every 12 months and aims at verifying the performance of the testing machine. Each test force and indenter is to be tested during indirect verification.

Brinell Hardness Test Blocks

Sample size: 150 x 125 x 16 mm or $\varnothing 154 \times 16$ mm

All blocks are provided with DAkkS calibration certificate and all relevant manufacturing and testing documents.

All blocks can be calibrated according to both ISO 6506-3 and ASTM E10 standards.

All blocks can be provided with appropriate testing grid, custom grid, or no grid.

Ratio	Product hardness range (HBW)							
1/30 2.5/187.5 5/750 10/300	100 \pm 15	140 \pm 15	190 \pm 15	360 \pm 15	380 \pm 15	450 \pm 15	580 \pm 15	660 \pm 15
2.5/62.5 5/250 10/500	90 \pm 10	140 \pm 10	190 \pm 10					
2.5/31.25 5/125	90 \pm 10							
1/10	100 \pm 10	140 \pm 10	190 \pm 10					

Standard testing grid is the default choice when no option is specified to info@ptpscheme.com



Rockwell Hardness Test Blocks

Sample size: Ø65 x 16 mm

All blocks are provided with DAkKS calibration certificate and all relevant manufacturing and testing documents.

All blocks can be calibrated according to both ISO 6505-3 and ASTM E18 standards.

All blocks can be provided with appropriate testing grid, custom grid, or no grid.

Product Hardness range (HR)				
HRA	64	68	79	82
HRB	55	76	100	-
HRC	27	35	55	61
HRD	45	52	67	72
HR15N	73	78	88	91
HR30N	48	55	73	78
HR45N	28	37	61	68

Standard testing grid is the default choice when no option is specified to info@ptpscheme.com



Vickers Hardness Test Blocks

Sample size: Ø65 x 16 mm

All blocks are provided with DAkkS calibration certificate and all relevant manufacturing and testing documents.

All blocks can be calibrated according to both ISO 6507-3 and ASTM E92 standards.

All blocks can be provided with appropriate testing grid, custom grid, or no grid.

Product Hardness range							
HV0.01	105	140	180	260	-	-	-
HV0.025	105	140	180	260	380	600	-
HV0.05	105	140	180	260	380	600	800
HV0.1	105	140	180	260	380	600	800
HV0.2	105	140	180	260	380	600	800
HV0.3	105	140	180	260	380	600	800
HV0.5	105	140	180	260	380	600	800
HV1	105	140	180	260	380	600	800
HV2	105	140	180	260	380	600	800
HV3	105	140	180	260	380	600	800
HV5	105	140	180	260	380	600	800
HV10	105	140	180	260	380	600	800
HV20	105	140	180	260	380	600	800
HV30	105	140	180	260	380	600	800
HV50	105	140	180	260	380	600	800
HV100	-	140	180	260	380	600	800

Standard testing grid is the default choice when no option is specified to info@ptpscheme.com

Ordering process

Purchase orders are handled through [ptpscheme.com](https://www.ptpscheme.com) website.

When ordering your hardness test blocks, please get in touch with PTP staff at info@ptpscheme.com to specify the hardness levels you need.

On top of that, please specify the standard calibration and grid you would like to order within the hardness scale you chose.