

Euro Products Limited

Precision Hardness Testing Blocks & Indenters est. 1989

Rockwell Type Reference Hardness Blocks Standard Scales																											
Size : 65mm Diameter x 15mm Thickness / 2.5" Diameter x 0.6" Thickness																											
SCALE	HARDNESS VALUES																										
HRA	22	26	31	35	40	45	47	50	50	53	55	59	60	62	63	65	68	70	73	76	78	81	83	84	85	86	
HRA	87																										
HRB	20	25	30	35	40	45	50	55	60	65	70	75	80	80	85	90	93	95	100								
HRC	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	
HRC	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	
HRD	40	44	48	52	56	60	64	67	71	73	74	77	78	79													
HRE	75	81	87	93	100																						
HRF	74	80	86	91	97	100																					
HRG	3	18	33	41	49	58	66	74	83																		
HRH	87	94	98	102	106	110	118																				
HRK	38	47	56	65	73	81	86	91	95	99																	
HRL	96	118	123																								
HRM	70	101	118																								
HRP	86	94	112																								
HRR	110	123	126																								
HRS	100	107	115	117	123																						
HRV	84	99	107	109	120																						

All available with either a UKAS certificate or EURO certificate to EN ISO 6508 & ASTM E18

Rockwell Type Reference Hardness Blocks Superficial Scales																											
Size : 65mm Diameter x 15mm Thickness / 2.5" Diameter x 0.6" Thickness																											
SCALE	HARDNESS VALUES																										
HR15N	69	72	75	78	81	83	85	88	90	91	92	93	94														
HR30N	41	46	50	55	59	64	68	73	77	80	82	83	84	85	86												
HR45N	19	25	31	37	43	49	55	61	66	70	72	74	75	76	77	78											
HR15T	67	70	73	77	80	83	85	86	86	88	90	91	93														
HR30T	29	36	43	49	56	63	66	69	69	73	76	80	83														
HR45T	2	12	22	32	43	48	53	53	58	63	68	73															
HR15W	69	82	88	94																							
HR30W	38	65	73	87																							
HR45W	30	55	70	80																							
HR15X	83	90	94	98																							
HR30X	64	74	80	85	92																						
HR45X	46	61	70	76	88																						
HR15Y	88	90	92	93	94	95	96	98																			
HR30Y	76	88	92	98																							
HR45Y	67	84	88	94																							

All available with either a UKAS certificate or EURO certificate to EN ISO 6508 & ASTM E18

Macro Vickers Type Reference Hardness Block Scales																											
Size : 65mm Diameter x 15mm Thickness / 2.5" Diameter x 0.6" Thickness																											
SCALE	HARDNESS VALUES																										
HV2	40	70	100	150	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050				
HV2.5	40	70	100	150	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050				
HV3	40	70	100	150	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050				
HV5	40	70	100	150	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050				
HV10	40	70	100	150	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050				
HV20	40	70	100	150	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050				
HV30	40	70	100	150	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050				
HV50	40	70	100	150	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050				
HV100	40	70	100	150	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050				

All available with either a UKAS certificate or EURO certificate to EN ISO 6507 & ASTM E92

Micro Vickers Type Reference Hardness Block Scales																											
Size : 30mm Diameter x 10mm Thickness / 1.2" Diameter x 0.4" Thickness																											
SCALE	HARDNESS VALUES																										
HV0.010	40	70	100	150	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100			
HV0.025	40	70	100	150	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100			
HV0.050	40	70	100	150	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100			
HV0.1	40	70	100	150	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100			
HV0.2	40	70	100	150	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100			
HV0.3	40	70	100	150	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100			
HV0.5	40	70	100	150	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100			
HV1	40	70	100	150	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100			

All available with either a UKAS certificate or EURO certificate to EN ISO 6507 & ASTM E92

Euro Products Limited

Precision Hardness Testing Blocks & Indenters est. 1989

Micro Knoop Type Reference Hardness Block Scales																									
Size : 30mm Diameter x 10mm Thickness / 1.2" Diameter x 0.4" Thickness																									
SCALE	HARDNESS VALUES																								
HK0.005	40	70	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000				
HK0.010	40	70	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000				
HK0.025	40	70	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000				
HK0.050	40	70	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000				
HK0.1	40	70	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000				
HK0.2	40	70	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000				
HK0.3	40	70	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000				
HK0.5	40	70	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000				
HK1	40	70	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000				

All available with either a UKAS certificate or EURO certificate to EN ISO 4545 & ASTM E92

Heavy Load Brinell Type Reference Hardness Block Scales																									
Size : 150mm x 125mm x 16mm to 20mm Thickness / 5.9" x 4.9" x 0.6" to 0.8" Thickness																									
SCALE	HARDNESS VALUES																								
HBW 10/3000				100	130	150	150	170	170	190	200	230	250	300	350	400	450	500	550	600	650				
HBW 10/1500	40	50	70	100	130	150	150	170	170	190	200	230	250	300											
HBW 10/1000	40	50	70	100	130	150	150	170	170	190	200														
HBW 10/500	40	50	70	100																					
HBW 10/250	35	45																							
HBW 5/750				100	130	150	150	170	170	190	200	230	250	300	350	400	450	500	550	600	650				
HBW 5/250	40	50	70	100	130	150	150	170	170	190	200														

All available with either a UKAS certificate or EURO certificate to EN ISO 6506 & ASTM E10

Light Load Brinell Type Reference Hardness Block Scales																									
Size : 65mm Diameter x 15mm Thickness / 2.5" Diameter x 0.6" Thickness																									
SCALE	HARDNESS VALUES																								
HBW 10/125	30																								
HBW 10/100	30																								
HBW 5/125	30	70	100																						
HBW 5/62.5	30																								
HBW 5/31.25	30																								
HBW 5/25	30																								
HBW 2.5/187.5			100	130	150	150	170	200	250	300	350	400	450	500	550	600	650								
HBW 2.5/62.5	30	70	100	130	150	150	170	200																	
HBW 2.5/31.25	30	70	100																						
HBW 2.5/15.625	30																								
HBW 2.5/7.8125	30																								
HBW 2.5/6.25	30																								
HBW 1/30			100	130	150	150	170	200	250	300	350	400	450	500	550	600	650								
HBW 1/10	30	70	100	130	150	150	170	200																	
HBW 1/5	30	70	100																						
HBW 1/2.5	30																								
HBW 1/1.25	30																								
HBW 1/1	30																								

All available with either a UKAS certificate or EURO certificate to EN ISO 6506 & ASTM E10

Carbide Macro Vickers Type Reference Hardness Block Scales																									
Size : 25mm x 25mm x 6mm Thickness / 1" x 1" x 0.2" Thickness																									
SCALE	HARDNESS VALUES																								
HV10	1180	1300	1350	1420	1500	1550	1600	1640	1700	1740	1820														
HV30	1180	1300	1350	1420	1500	1550	1600	1640	1700	1740	1820														

All available with either a UKAS certificate or EURO certificate to EN ISO 6507 & ASTM E92

Rockwell Type Reference Hardness Blocks Standard Scales																									
Size : 75mm x 75mm x 10mm Thickness / 3" x 3" x 0.4" Thickness																									
SCALE	HARDNESS VALUES																								
HRA	62	73	81																						
HRC	23	45	61																						
HRD	42	59	71																						

All available with either a UKAS certificate or EURO certificate to EN ISO 6508 & ASTM E18

<i>Rockwell Type Reference Hardness Blocks Superficial Scales 75mm x 75mm Square</i>																					
<i>Size : 75mm x 75mm x 10mm Thickness / 3" x 3" x 0.4" Thickness</i>																					
SCALE	HARDNESS VALUES																				
HR15N	71	83	91																		
HR30N	44	64	78																		
HR45N	23	49	68																		
<i>All available with either a UKAS certificate or EURO certificate to EN ISO 6508 & ASTM E18</i>																					

<i>Carbide Rockwell Type Reference Hardness Blocks Standard Scales</i>																					
<i>Size : 25mm x 25mm x 6mm Thickness / 1" x 1" x 0.2" Thickness</i>																					
SCALE	HARDNESS VALUES																				
HRA	88	89	90	91	92																
<i>All available with either a UKAS certificate or EURO certificate to EN ISO 6508 & ASTM E18</i>																					

<i>HBW-T Type Reference Hardness Blocks Standard Scales</i>																					
<i>Size : 65mm Diameter x 15mm Thickness / 2.5" Diameter x 0.6" Thickness</i>																					
SCALE	HARDNESS VALUES																				
HBW-T 2.5/62.5	72	74	76	77	84																
<i>All available with either a UKAS certificate or EURO certificate to EN ISO 6508 & ASTM E18</i>																					

Key:	 <i>Made from Aluminium</i>
	 <i>Made from Steel</i>
	 <i>Made from Carbide</i>

Euro Products Limited

Precision Hardness Testing Blocks & Indenters est. 1989