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Rockwell C (High) Hardness Range

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	C 150 kgf diamond	A 60 kgf diamond	D 100 kgf diamond	15N 15 kgf diamond	30N 30 kgf diamond	45N 45 kgf diamond	HV Vickers Scale	HK Knoop >500gf	HB Brinell 10/3000
	68	85.6	76.9	93.2	84.4	75.4	940	920	-
	67	85.0	76.1	92.9	83.6	74.2	900	895	-
	66	84.5	75.4	92.5	82.8	73.3	865	870	-
	65	83.9	74.5	92.2	81.9	72.0	832	846	739
	64	83.4	73.8	91.8	81.1	71.0	800	822	722
	63	82.8	73.0	91.4	80.1	69.9	772	799	705
	62	82.3	72.2	91.1	79.3	68.8	746	776	688
	61	81.8	71.5	90.7	78.4	67.7	720	754	670
	60	81.2	70.7	90.2	77.5	66.6	697	732	654
	59	80.7	69.9	89.8	76.6	65.5	674	710	634
	58	80.1	69.2	89.3	75.7	64.3	653	690	615
	57	79.6	68.5	88.9	74.8	63.2	633	670	595
	56	79.0	67.7	88.3	73.9	62.0	613	650	577
	55	78.5	66.9	87.9	73.0	60.9	595	630	560
	54	78.0	66.1	87.4	72.0	59.8	577	612	543
	53	77.4	65.4	86.9	71.2	58.6	560	594	525
	52	76.8	64.6	86.4	70.2	57.4	544	576	512
	51	76.3	63.8	85.9	69.4	56.1	528	558	496
	50	75.9	63.1	85.5	68.5	55.0	513	542	481
	49	75.2	62.1	85.0	67.6	53.8	498	526	469
	48	74.7	61.4	84.5	66.7	52.5	484	510	455
	47	74.1	60.8	83.9	65.8	51.4	471	495	443
	46	73.6	60.0	83.5	64.8	50.3	458	480	432
	45	73.1	59.2	83.0	64.0	49.0	446	466	421
	44	72.5	58.5	82.5	63.1	47.8	434	452	409
	43	72.0	57.7	82.0	62.2	46.7	423	438	400
	42	71.5	56.9	81.5	61.3	45.5	412	426	390
	41	70.9	56.2	80.9	60.4	44.3	402	414	381
	40	70.4	55.4	80.4	59.5	43.1	392	402	371
	39	69.9	54.6	79.9	58.6	41.9	382	391	362
	38	69.4	53.8	79.4	57.7	40.8	372	380	353
	37	68.9	53.1	78.8	56.8	39.6	363	370	344
	36	68.4	52.3	78.3	55.9	38.4	354	360	336
	35	67.9	51.5	77.7	55.0	37.2	345	351	327
	34	67.4	50.8	77.2	54.2	36.1	336	342	319
	33	66.8	50.0	76.6	53.3	34.9	327	334	311
	32	66.3	49.2	76.1	52.1	33.7	318	326	301
	31	65.8	48.4	75.6	51.3	32.5	310	318	294