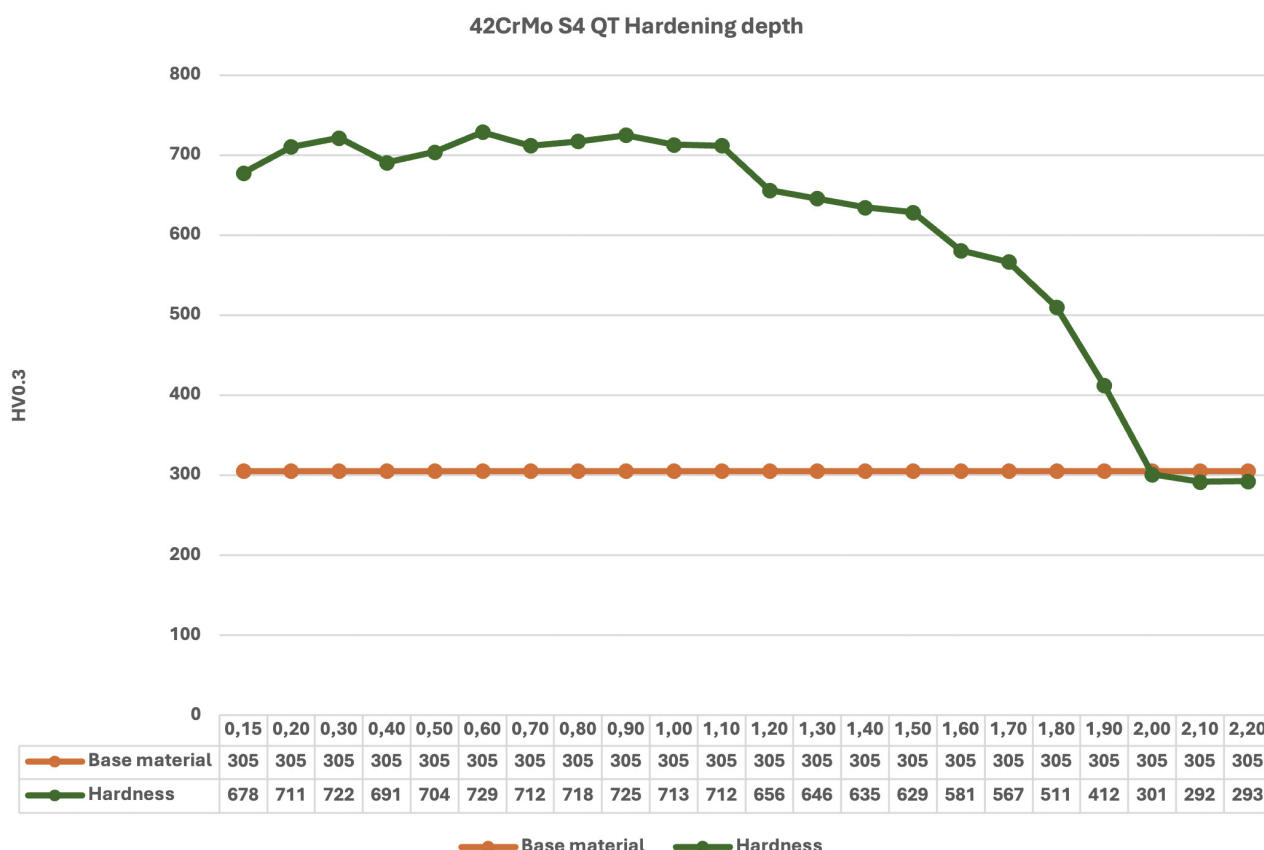


LASER HARDENING DATA SHEET

MATERIAL: 42CRMO S4 QT



Material: 42CrMo S4 QT
 Measured in HV 0,3
 Hardening depth: 1,9mm
 Hardness: 716HV0,3
 Hardness is determined by point (0,20mm+0,30mm)/2



Minor changes and updates to the document may occur, please download the latest version of this document at www.lasertool.se

DATA SHEET: LH 42CRMO S4 QT • 250806

BUILD WHAT'S REQUIRED
 HARDEN WHERE IT MATTERS



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HARDNESS TABLE

The conversions given below are in accordance with EN ISO 18265:2013.

Vickers HV10	Rockwell HRC	Brinell HBW
273	26	259
279	27	265
286	28	272
294	29	279
302	30	287
310	31	295
318	32	303
327	33	311
336	34	320
345	35	328
355	36	337
364	37	346
373	38	354
382	39	363
392	40	373
402	41	382
412	42	392
423	43	402
434	44	413
446	45	424
459	46	436
471	47	448
484	48	460
499	49	474
513	50	488
528	51	502
545	52	518
560	53	532
578	54	549
596	55	566
615	56	585
634	57	603
654	58	
675	59	
698	60	
720	61	
746	62	
773	63	
800	64	