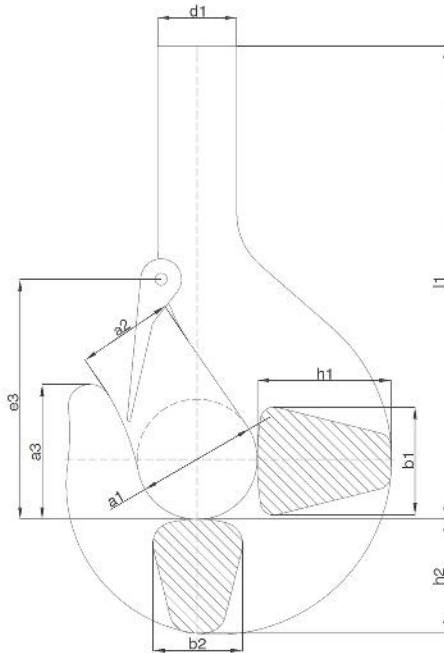


1.1 SHANK HOOKS BASED ON EN13001-3-5:2016
1.1.1 SINGLE FORGED HOOKS BASED ON RECOGNIZED EUROPEAN DESIGNS
1.1.1.1 Single forged hooks based on DIN15401 design
1.1.1.1.1 Unmachined


- WLL: from 5t to 2.000t.
- Hook FORGED and HEAT TREATED. Machining recommended to perform by manufacturer.
- Material: carbon, alloys and super alloys. Stainless steels available upon request.
- Mechanical properties: P, S, T, V, W.
- Safety Factor: min. 4:1 with the highest material grade.
- Load Test: requested / recommended after machining.
- Certificate: EN10204-3.1. For 3.2, ILO-3, FAT or Breaking Test available upon request.

SINGLE FORGED HOOKS BASED ON DIN15401 DESIGN UNMACHINED											
OVERALL DIMENSIONS (mm)										Weight	
No	a1	a2	a3	b1	b2	d1	e3	h1	h2	l1	Kg
2,5	63	50	72	53	45	42	132	67	58	253	6,3
4	71	56	80	63	53	48	148	80	67	285	8,8
5	80	63	90	71	60	53	165	90	75	318	12,3
6	90	71	101	80	67	60	185	100	85	380	17,1
8	100	80	113	90	75	67	210	112	95	418	24
10	112	90	127	100	85	75	221	125	106	460	40
12	125	100	143	112	95	85	252	140	118	525	55
16	140	112	160	125	106	95	280	160	132	595	77
20	160	125	180	140	118	106	330	180	150	665	112
25	180	140	202	160	132	118	360	200	170	735	160
32	200	160	225	180	150	132	400	224	190	810	220
40	224	180	252	200	170	150	447	250	212	905	310
50	250	200	285	224	190	170	485	280	236	990	430
63	280	224	320	250	212	190	550	315	265	1120	600
80	315	250	358	280	236	212	598	355	300	1270	860
100	355	280	402	315	265	236	688	400	335	1415	1220
125	400	315	450	355	300	265	750	450	375	1590	1740
160	450	355	505	400	335	300	825	500	425	1790	2480
200	500	400	565	450	375	335	900	560	475	2048	3420
250	560	450	635	500	425	375	980	630	530	2305	4800
320	630	500	715	560	475	425	1080	710	580	2605	6770
400	710	560	755	630	530	475	1195	800	630	2950	9405

Tolerances: -0/+7% forging tolerance.

Modifications: Shank length (L). Further dimensions upon request.