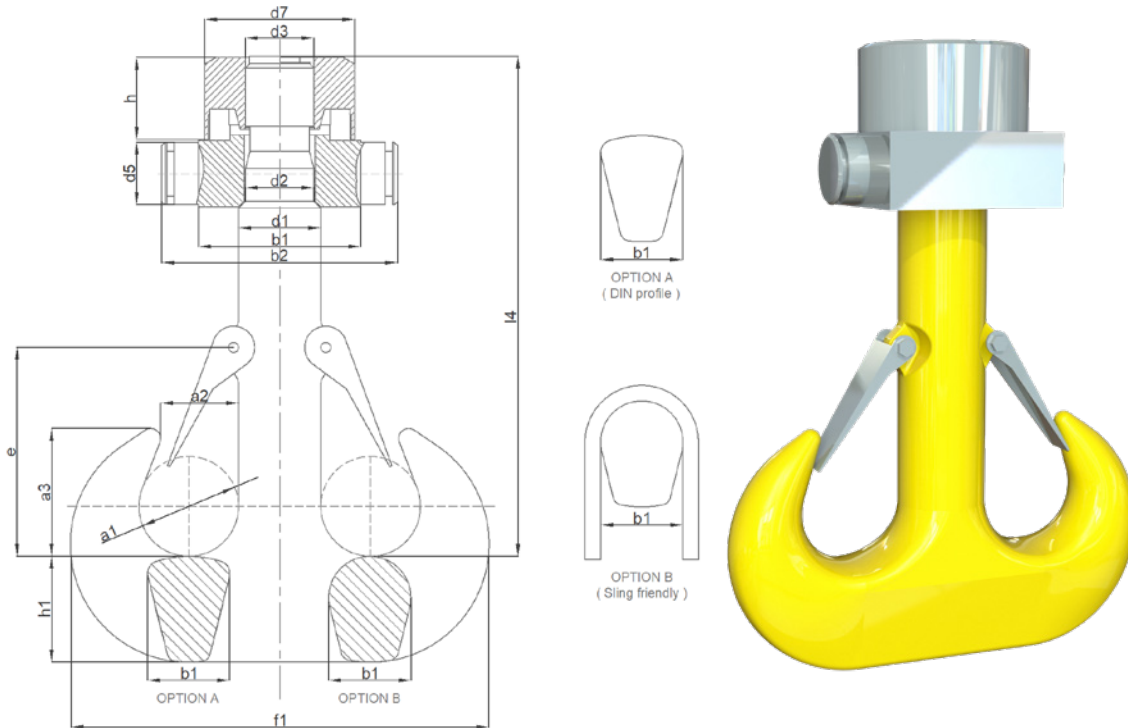


SHANK HOOKS BASED ON EN13001-3-5:2016

Ramshorn forged hooks based on recognized european standards
 Ramshorn forged hooks based on DIN15402 design
Machined fitted with nut, crosshead and bearing



- WLL: from 5t to 2.000t.
- Hook, Nut and Crosshead forged, heat treated and thread fully machined as per DIN15403 design.
- 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.
- Certificate: EN10204-3.1. For 3.2, ILO-3, FAT or Breaking Test available upon request.

RAMSHORN FORGED HOOKS BASED ON DIN15402 DESIGN MACHINED FITTED WITH NUT, CROSSHEAD AND BEARING																	
Overall dimensions (mm)												DIN15412 Crosshead			DIN15413 Nut	Weight	
No	a1	a2	a3	b1	d1	e	f1	h1	d2 h11	d3	l4	b1	b2	d5 h9	d7	h	kg
2,5	50	40	65	40	42	112	208	50	36	M36	243,5	80	125	30	70	44	9,5
4	56	45	73	48	48	124	238	60	42	M42	274	90	140	35	80	49	13,5
5	63	50	82	53	53	143	266	67	45	M45	306	100	155	40	95	56	20,6
6	71	56	92	60	60	160	301	75	50	Rd50x6	365,5	125	185	45	115	60	27
8	80	63	103	67	67	182	337	85	56	Rd56x6	403	140	210	50	125	67	39,5
10	90	71	116	75	75	192	377	95	64	Rd64x8	435	160	230	55	145	76	57
12	100	80	130	85	85	210	421	106	72	Rd72x8	492	180	265	60	165	87	81
16	112	90	146	95	95	237	471	118	80	Rd80x10	562	190	275	70	175	91	108
20	125	100	163	106	106	265	531	132	90	Rd90x10	628	200	295	80	185	102	145,5
25	140	112	182	118	118	315	598	150	100	Rd100x12	696	220	318	90	205	113	199,5
32	160	125	205	132	132	335	672	170	110	Rd110x12	768	260	378	100	240	131	291
40	180	140	230	150	150	375	754	190	125	Rd125x14	863	285	415	110	270	144	418
50	200	160	260	170	170	420	842	212	140	Rd140x16	944	335	465	125	320	153	592
63	224	180	292	190	190	460	944	236	160	Rd160x18	1072	380	522	140	360	181	830
80	250	200	325	212	212	515	1062	265	180	Rd180x20	1212	420	565	160	400	198	1148
100	280	224	364	236	236	575	1186	300	200	Rd200x22	1351	470	645	180	445	228	1600
125	315	250	408	265	265	645	1330	335	225	Rd225x24	1522	510	685	200	490	246	2230
160	355	280	458	300	300	725	1505	375	250	Rd250x28	1714	550	750	220	530	274	3100
200	400	315	515	335	335	800	1685	425	280	Rd280x32	1962	610	810	240	590	343	4366
250	450	355	580	375	375	875	1885	475	320	Rd320x36	2217	700	920	260	680	383	6234
320	500	400	650	425	425	950	2125	530	370	Rd360x36	2505	790	1030	280	760	433	8791
400	560	450	730	475	475	1045	2375	600	415	Rd400x36	2820	895	1145	300	865	482	12220

Tolerances: forging tolerance acc. to DIN15402. Machining tolerances as per DIN15403.

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

Hook section: RSN up to No 10 and greater sizes RFN. For the largest hooks, other sections b1xH can be design.