

Absolute Minimum Arrow Weights

Absolute minimum total arrow weights for HEX6/CV Recurves and longbows

Draw weights									
75	628	630	635	641	652	666	681	699	719
73	602	605	609	615	626	639	655	672	692
71	577	579	584	590	601	614	629	646	665
69	553	555	559	565	576	588	603	620	639
67	528	530	534	541	551	564	578	595	614
65	505	507	511	517	527	539	554	570	589
63	481	483	487	493	503	516	530	546	564
61	459	460	464	470	480	492	506	522	540
59	436	438	442	448	458	469	483	499	516
57	414	416	420	426	435	447	461	476	493
55	393	395	399	404	414	425	438	454	471
53	372	374	378	383	393	404	417	432	449
51	352	354	357	363	372	383	396	410	427
49	332	334	337	343	352	362	375	389	406
47	312	314	318	323	332	342	355	369	385
45	293	295	299	304	312	323	335	349	365
43	275	277	280	285	294	304	316	330	345
41	257	259	262	267	275	285	297	311	326
39	239	241	244	249	257	267	279	292	307
37	222	224	227	232	240	250	261	274	289
35	206	207	211	215	223	233	244	257	271
Draw lengths	25	26	27	28	29	30	31	32	33

Absolute minimum total arrow weight for Covert Hunter and ILF HEX7

Draw weights										
75	654	656	661	668	679	693	709	727	748	
73	627	629	633	640	652	665	681	699	720	
71	600	602	607	613	625	638	654	672	692	
69	574	576	581	587	598	611	627	644	664	
67	549	551	555	561	572	585	600	618	637	
65	524	526	530	536	547	560	575	592	611	
63	499	501	505	512	522	535	549	566	585	
61	475	477	481	487	498	510	525	541	560	
59	452	454	458	464	474	486	500	517	535	
57	429	431	435	441	451	463	477	493	511	
55	406	408	412	418	428	440	453	469	487	
53	384	386	390	396	406	417	431	446	464	
51	363	365	369	374	384	395	408	424	441	
49	342	344	348	353	363	374	387	402	419	
47	322	324	327	333	342	353	366	380	397	
45	302	304	307	313	322	332	345	359	376	
43	283	285	288	293	302	313	325	339	355	
41	264	266	269	274	283	293	305	319	335	
39	246	247	251	256	264	274	286	300	315	
37	228	230	233	238	246	256	268	281	296	
35	211	212	216	221	229	238	250	263	278	
Draw lengths	25	26	27	28	29	30	31	32	33	

These arrow weights listed above represent absolute minimums for a complete arrow.
 Combinations of absolute maximums or minimums can damage your bow. For example
 Operating your bow at absolute minimum arrow weight is placing the max stress on the limbs and riser
 Operating your bow at max brace height also maximising stress on the bow
 Operating your bow at the longest possible recommended drawlength for the shortest possible bow length
 again maximises the stress on the bow and its component parts.

Each of the above examples individually is a maximum the stress for your bow.
 Running combinations can overstress your bow causing bow failure and void warranty.
 If you are unsure contact Border for advice.

Our recommendations are to use arrows at least 10% higher than the minimums stated above.
 Heavier arrows are more durable smoother and more stable to shoot and more comfortable for the bow and archer