

Easton Aluminum Arrow Spine Chart

Shaft Size	ASTM Deflection	ATA Deflection	ATA Spine (pounds)
1214	2.501	2.064	12.6
1413	2.036	1.681	15.5
1416	1.684	1.390	18.7
1512	1.553	1.282	20.3
1514	1.379	1.138	22.8
1516	1.403	1.158	22.5
1612	1.298	1.071	24.3
1614	1.153	0.952	27.3
1616	1.079	0.891	29.2
1712	1.099	0.907	28.7
1713	1.044	0.862	30.2
1714	0.963	0.795	32.7
1716	0.880	0.726	35.8
1812	0.879	0.726	35.8
1813	0.874	0.721	36.0
1814	0.799	0.660	39.4
1816	0.756	0.624	41.7
1820	0.592	0.489	53.2
1912	0.778	0.642	40.5
1913	0.733	0.605	43.0
1914	0.658	0.543	47.9
1916	0.623	0.514	50.6
2012	0.680	0.561	46.3
2013	0.610	0.504	51.6
2014	0.579	0.478	54.4
2016	0.531	0.438	59.3
2018	0.464	0.383	67.9
2020	0.426	0.352	73.9
2112	0.590	0.487	53.4
2113	0.540	0.446	58.3
2114	0.510	0.421	61.8
2115	0.461	0.381	68.3
2117	0.407	0.336	77.4
2212	0.505	0.417	62.4
2213	0.458	0.378	68.8
2214	0.425	0.351	74.1
2215	0.419	0.346	75.2
2216	0.376	0.310	83.8
2219	0.337	0.278	93.5
2312	0.423	0.349	74.5
2314	0.391	0.323	80.6
2315	0.342	0.282	92.1
2317	0.297	0.245	106.1
2412	0.400	0.330	78.7
2413	0.365	0.301	86.3
2419	0.268	0.221	117.5
2512	0.321	0.265	98.1
2514	0.305	0.252	103.3
2613	0.265	0.219	118.9

ASTM Deflection to ATA Spine

ASTM Deflection	ATA Deflection	ATA Spine (pounds)
1.575	1.300	20.0
1.500	1.238	21.0
1.450	1.197	21.7
1.400	1.156	22.5
1.350	1.114	23.3
1.300	1.073	24.2
1.250	1.032	25.2
1.200	0.991	26.2
1.150	0.949	27.4
1.100	0.908	28.6
1.050	0.867	30.0
1.000	0.825	31.5
0.975	0.805	32.3
0.950	0.784	33.2
0.925	0.764	34.1
0.900	0.743	35.0
0.875	0.722	36.0
0.850	0.702	37.1
0.825	0.681	38.2
0.800	0.660	39.4
0.775	0.640	40.6
0.750	0.619	42.0
0.725	0.598	43.4
0.700	0.578	45.0
0.675	0.557	46.7
0.650	0.537	48.5
0.625	0.516	50.4
0.600	0.495	52.5
0.575	0.475	54.8
0.550	0.454	57.3
0.525	0.433	60.0
0.500	0.413	63.0
0.475	0.392	66.3
0.450	0.371	70.0
0.425	0.351	74.1
0.400	0.330	78.7
0.375	0.310	84.0
0.350	0.289	90.0
0.340	0.281	92.6
0.325	0.268	96.9
0.300	0.248	105.0
0.275	0.227	114.5
0.250	0.206	126.0
Wt. ASTM =	1.94	
Wt. ATA =	2	
L. ASTM =	28	
L. ATA =	26	
ATA Def =	0.825419	x ASTM Def
ATA Spine =	26 / ATA Def.	