

β_{III} -CNA[®] and Solid Stainless Steel Wire Bending Forces

Wire Size (in)	Wire Size (in)	β_{III} -CNA [®] Wire Bending Force (N)	Solid Stainless Steel Wire Bending Force (N)
.012	.30		3.8
.014	.36		5.1
.016	.41	4.5	7.5
.018	.46	5.5	10.6
.020	.51		15.0
.016 x .016	.41 x .41	4.6	10.5
.017 x .017	.43 x .43		13.2
.018 x .018	.46 x .46	9.25	16.4
.020 x .020	.51 x .51		22.9
.016 x .022	.41 x .56	7.3	14.1
.016 x .025	.41 x .65	8.6	16.0
.017 x .022	.43 x .56		16.8
.017 x .025	.43 x .65	11.5	19.0
.018 x .022	.46 x .56		19.6
.018 x .025	.46 x .65	12.9	21.4
.019 x .025	.48 x .65	14.4	24.1
.021 x .025	.53 x .65	18.1	28.8

Bending forces are within +/- 10% of tabulated values.

Testing done in accordance with ISO 15841:2006

Ultimate takes pride in offering high quality archwires and lengths with proper bending force. Product offerings for β_{III} -CNA[®] and stainless steel wires may be found in the Wires section.

