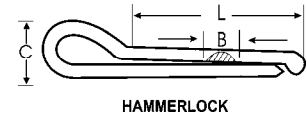
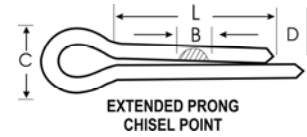


# COTTER PINS

## ASME B18.8.1 SPECIFICATIONS

Nominal Size on Basic Pin Diameter	Total Shank Diameter		Wire Width		Head (OD) Diameter	Extended Prong Length		Gauge Hole Diameter +/- 0.001
	"A"		"B"		"C"	"D"		
	Max.	Min.	Max.	Min.	Min.	Min.		
1/32"	0.031	0.032	0.028	0.032	0.022	0.06	0.01	0.047
3/64"	0.047	0.048	0.044	0.048	0.035	0.09	0.02	0.062
1/16"	0.062	0.060	0.056	0.060	0.044	0.12	0.03	0.078
5/64"	0.078	0.076	0.072	0.076	0.057	0.16	0.04	0.094
3/32"	0.094	0.090	0.086	0.090	0.069	0.19	0.04	0.109
7/64"	0.109	0.104	0.100	0.104	0.080	0.22	0.05	0.125
1/8"	0.125	0.120	0.116	0.120	0.093	0.25	0.06	0.141
9/64"	0.141	0.134	0.130	0.134	0.104	0.28	0.06	0.156
5/32"	0.156	0.150	0.146	0.150	0.116	0.31	0.07	0.172
3/16"	0.188	0.176	0.172	0.176	0.137	0.38	0.09	0.203
7/32"	0.219	0.207	0.202	0.207	0.161	0.44	0.10	0.234
1/4"	0.250	0.225	0.220	0.225	0.176	0.50	0.11	0.266
5/16"	0.312	0.280	0.275	0.280	0.220	0.62	0.14	0.312
3/8"	0.375	0.335	0.329	0.335	0.263	0.75	0.16	0.375
7/16"	0.438	0.406	0.400	0.406	0.320	0.88	0.20	0.438
1/2"	0.500	0.473	0.467	0.473	0.373	1.00	0.23	0.500
5/8"	0.625	0.598	0.590	0.598	0.472	1.25	0.30	0.625
3/4"	0.750	0.723	0.715	0.723	0.572	1.50	0.36	0.750



THE STANDARD—EXTENDED PRONG, CHISEL POINT WILL BE SUPPLIED UNLESS OTHERWISE SPECIFIED.

3/4" Diameter Cotters are made of full size material .750 +/- .035.

They do not meet the ASME spec.

\* NOTE: TOTAL SHANK DIAMETER, "A" DIMENSION, IS TWO TIMES WIRE THICKNESS. "A" IS MEASURED AT END OF PIN WHERE NO GAP IS PERMITTED.

### "OUR STANDARD"



#### Extended Prong - Chisel Point

Available 1/32" thru 1" dia.  
(5/8" thru 1" square cut)



#### Hammerlock

Made for castellated nuts for fast, accurate assembly. 1/16" thru 3/8" dia.  
(9/64" available on request)

### "UPON REQUEST"

#### Even End, Chisel Point



#### Self-Locking

Use where spreading space is limited. Up to and including 5/16"



#### Humped

1/16" thru 1/4" dia.



#### Tee Head



#### Taper Point

Align assembly for easy insertion  
3/32" thru 3/8" dia.



#### Extended Prong



#### Even End