





































	3/16 CS	1/4 CS	5/16 CS	3/8 CS	7/16 CS	1/2 CS
A	0.080	0.100	0.100	0.100	0.100	0.100
B	0.020	0.025	0.031	0.037	0.043	0.050
C	0.090	0.100	0.125	0.150	0.175	0.200
D	0.220	0.250	0.275	0.302	0.327	0.350
E	0.072	0.095	0.119	0.143	0.170	0.193
F	0.090	0.115	0.144	0.173	0.190	0.230
R	3/64"	1/16"	5/64"	3/32"	9/64"	1/8"

Dimensions are for Standard Rings and Adaptors

CHECKING STACK HEIGHTS: Precision Packing uses ANSI B93.17.1979 Method 1 for measuring Stack Heights. To measure proper Preload use Method 1 Formula: $P=(Dm) \times (CS) \times 8$
P= Preload, Dm= Mean Diameter, CS = Cross Section

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CHECKING STACK HEIGHTS: Precision Packing uses ANSI B93.17.1979 Method 1 for measuring Stack Heights. To measure proper Preload use Method 1 Formula: $P=(Dm)x(CS)x8$
 P= Preload, Dm= Mean Diameter, CS = Cross Section

3/16 CS	1/4 CS	5/16 CS	3/8 CS	7/16 CS	1/2 CS
1-1-1 Set  .410	1-1-1 Set  .500	1-1-1 Set  .562	1-1-1 Set  .625	1-1-1 Set  .645	1-1-1 Set  .750
1-2-1 Set  .520	1-2-1 Set  .625	1-2-1 Set  .719	1-2-1 Set  .812	1-2-1 Set  .863	1-2-1 Set  1.000
1-3-1 Set  .630	1-3-1 Set  .750	1-3-1 Set  .875	1-3-1 Set  1.000	1-3-1 Set  1.081	1-3-1 Set  1.250
1-4-1 Set  .740	1-4-1 Set  .875	1-4-1 Set  1.031	1-4-1 Set  1.187	1-4-1 Set  1.300	1-4-1 Set  1.500
1-5-1 Set  .850	1-5-1 Set  1.000	1-5-1 Set  1.187	1-5-1 Set  1.375	1-5-1 Set  1.517	1-5-1 Set  1.750
1-6-1 Set  .960	1-6-1 Set  1.125	1-6-1 Set  1.344	1-6-1 Set  1.562	1-6-1 Set  1.735	1-6-1 Set  2.000

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X _ _ _	Fraction	Decimal	Low End	High End
050	1/2	0.500	0.469	0.531
062	5/8	0.625	0.594	0.656
075	3/4	0.750	0.719	0.781
082		0.820	0.789	0.851
087	7/8	0.875	0.844	0.906
095		0.950	0.919	0.981
100	1	1.000	0.969	1.031
103	1 1/32	1.031	1.000	1.062
106	1 1/16	1.062	1.031	1.093
109	1 3/32	1.094	1.063	1.125
112	1 1/8	1.125	1.094	1.156
118	1 3/16	1.187	1.156	1.218
125	1 1/4	1.250	1.219	1.281
137	1 3/8	1.375	1.344	1.406
150	1 1/2	1.500	1.469	1.531
156	1 9/16	1.562	1.531	1.593
162	1 5/8	1.625	1.594	1.656
175	1 3/4	1.750	1.719	1.781
187	1 7/8	1.875	1.844	1.906
200	2	2.000	1.969	2.031
212	2 1/8	2.125	2.094	2.156
225	2 1/4	2.250	2.219	2.281
237	2 3/8	2.375	2.344	2.406
250	2 1/2	2.500	2.469	2.531
275	2 3/4	2.750	2.719	2.781
300	3	3.000	2.969	3.031

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X _ _ _	Fraction	Decimal	Low End	High End
050	1/2	0.500	0.459	0.541
062	5/8	0.625	0.584	0.666
075	3/4	0.750	0.709	0.791
082		0.820	0.779	0.861
087	7/8	0.875	0.834	0.916
095		0.950	0.909	0.991
100	1	1.000	0.959	1.041
103	1 1/32	1.031	0.990	1.072
106	1 1/16	1.062	1.021	1.103
109	1 3/32	1.094	1.053	1.135
112	1 1/8	1.125	1.084	1.166
118	1 3/16	1.187	1.146	1.228
125	1 1/4	1.250	1.209	1.291
137	1 3/8	1.375	1.334	1.416
150	1 1/2	1.500	1.459	1.541
156	1 9/16	1.562	1.521	1.603
162	1 5/8	1.625	1.584	1.666
175	1 3/4	1.750	1.709	1.791
187	1 7/8	1.875	1.834	1.916
200	2	2.000	1.959	2.041
212	2 1/8	2.125	2.084	2.166
225	2 1/4	2.250	2.209	2.291
237	2 3/8	2.375	2.334	2.416
250	2 1/2	2.500	2.459	2.541
275	2 3/4	2.750	2.709	2.791
300	3	3.000	2.959	3.041

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X _ _ _	Fraction	Decimal	Low End	High End
050	1/2	0.500	0.449	0.551
062	5/8	0.625	0.574	0.676
075	3/4	0.750	0.699	0.801
082		0.820	0.769	0.871
087	7/8	0.875	0.824	0.926
095		0.950	0.899	1.001
100	1	1.000	0.949	1.051
103	1 1/32	1.031	0.980	1.082
106	1 1/16	1.062	1.011	1.113
109	1 3/32	1.094	1.043	1.145
112	1 1/8	1.125	1.074	1.176
118	1 3/16	1.187	1.136	1.238
125	1 1/4	1.250	1.199	1.301
137	1 3/8	1.375	1.324	1.426
150	1 1/2	1.500	1.449	1.551
156	1 9/16	1.562	1.511	1.613
162	1 5/8	1.625	1.574	1.676
175	1 3/4	1.750	1.699	1.801
187	1 7/8	1.875	1.824	1.926
200	2	2.000	1.949	2.051
212	2 1/8	2.125	2.074	2.176
225	2 1/4	2.250	2.199	2.301
237	2 3/8	2.375	2.324	2.426
250	2 1/2	2.500	2.449	2.551
275	2 3/4	2.750	2.699	2.801
300	3	3.000	2.949	3.051

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X _ _ _	Fraction	Decimal	Low End	High End
050	1/2	0.500	0.439	0.561
062	5/8	0.625	0.564	0.686
075	3/4	0.750	0.689	0.811
082		0.820	0.759	0.881
087	7/8	0.875	0.814	0.936
095		0.950	0.889	1.011
100	1	1.000	0.939	1.061
103	1 1/32	1.031	0.970	1.092
106	1 1/16	1.062	1.001	1.123
109	1 3/32	1.094	1.033	1.155
112	1 1/8	1.125	1.064	1.186
118	1 3/16	1.187	1.126	1.248
125	1 1/4	1.250	1.189	1.311
137	1 3/8	1.375	1.314	1.436
150	1 1/2	1.500	1.439	1.561
156	1 9/16	1.562	1.501	1.623
162	1 5/8	1.625	1.564	1.686
175	1 3/4	1.750	1.689	1.811
187	1 7/8	1.875	1.814	1.936
200	2	2.000	1.939	2.061
212	2 1/8	2.125	2.064	2.186
225	2 1/4	2.250	2.189	2.311
237	2 3/8	2.375	2.314	2.436
250	2 1/2	2.500	2.439	2.561
275	2 3/4	2.750	2.689	2.811
300	3	3.000	2.939	3.061

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