

CFT/CAT KNURLED 360° SWAGING SERIES

CFT/ CAT SERIES



- The CFT/CAT series offers one rivet nut for materials of any thickness greater than .030 inches.

- Cadmium Free finish allows the CFT Series to be used in any industry, including automotive.

- Designed to be used in metal applications.



UNIFIED THREAD (UNIT - INCHES)

Part Number (Steel)	Thread Size	Cadmium Free & RoHS Compliant	HD ± .005	L ± .015	D Max.	Recommended Hole Size +.005/- .00			
						MAT. THICK .030-.090	MAT. THICK .091-.124	MAT. THICK .125-.186	MAT. THICK .187-Over
CAT2-0440	4-40 UNC	N	.211	.370	.1875	.1875	.1935	.1935	.1960
CAT2-0632	6-32 UNC	N	.240	.370	.2185	.2188	.2210	.2280	.2280
CAT2-0832	8-32 UNC	N	.269	.370	.2495	.2500	.2570	.2656	.2656
CAT2-1024	10-24 UNC	N	.306	.370	.2805	.2812	.2900	.2900	.2969
CAT2-1032	10-32 UNF	N	.306	.370	.2805	.2812	.2900	.2900	.2969
CAT2-2520	1/4-20 UNC	N	.400	.515	.3745	.3750	.3750	.3860	.3906
CAT2-3118	5/16-18 UNC	N	.528	.615	.4995	.5000	.5000	.5156	.5156
CAT2-3716	3/8-16 UNC	N	.588	.745	.5615	.5625	.5625	.5781	.5781
CAT2-5013	1/2-13 UNC	N	.800	.935	.7485	.7500	.7656	.7810	.7970
CFT2-0440	4-40 UNC	Y	.211	.370	.1875	.1875	.1935	.1935	.1960
CFT2-0632	6-32 UNC	Y	.240	.370	.2185	.2188	.2210	.2280	.2280
CFT2-0832	8-32 UNC	Y	.269	.370	.2495	.2500	.2570	.2656	.2656
CFT2-1024	10-24 UNC	Y	.306	.370	.2805	.2812	.2900	.2900	.2969
CFT2-1032	10-32 UNF	Y	.306	.370	.2805	.2812	.2900	.2900	.2969
CFT2-2520	1/4-20 UNC	Y	.400	.515	.3745	.3750	.3750	.3860	.3906
CFT2-3118	5/16-18 UNC	Y	.528	.615	.4995	.5000	.5000	.5156	.5156
CFT2-3716	3/8-16 UNC	Y	.588	.745	.5615	.5625	.5625	.5781	.5781
CFT2-5013	1/2-13 UNC	Y	.800	.935	.7485	.7500	.7656	.7810	.7970

METRIC THREAD (UNIT - MILLIMETERS)

Part Number (Steel)	Thread Size	Cadmium Free & RoHS Compliant	HD ± .13	L ± .38	D Max.	Recommended Hole Size +.13/- .00			
						MAT. THICK 0.76-2.29	MAT. THICK 2.31-3.15	MAT. THICK 3.17-4.72	MAT. THICK 4.72-Over
CAT2-350	M3X0.5 ISO	N	5.36	9.40	4.76	4.75	4.90	4.90	4.97
CAT2-470	M4X0.7 ISO	N	6.83	9.40	6.34	6.35	6.52	6.74	6.74
CAT2-580	M5X0.8 ISO	N	7.77	9.40	7.12	7.14	7.36	7.36	7.54
CAT2-610	M6X1.0 ISO	N	10.16	13.08	9.51	9.52	9.52	9.80	9.92
CAT2-8125	M8X1.25 ISO	N	13.41	15.62	12.69	12.70	12.70	13.09	13.09
CAT2-1015	M10X1.5 ISO	N	14.94	18.92	14.26	14.28	14.28	14.68	14.68
CAT2-12175	M12X1.75 ISO	N	20.32	23.75	19.01	19.05	19.44	19.83	20.24
CFT2-350	M3X0.5 ISO	Y	5.36	9.40	4.76	4.75	4.90	4.90	4.97
CFT2-470	M4X0.7 ISO	Y	6.83	9.40	6.34	6.35	6.52	6.74	6.74
CFT2-580	M5X0.8 ISO	Y	7.77	9.40	7.12	7.14	7.36	7.36	7.54
CFT2-610	M6X1.0 ISO	Y	10.16	13.08	9.51	9.52	9.52	9.80	9.92
CFT2-8125	M8X1.25 ISO	Y	13.41	15.62	12.69	12.70	12.70	13.09	13.09
CFT2-1015	M10X1.5 ISO	Y	14.94	18.92	14.26	14.28	14.28	14.68	14.68
CFT2-12175	M12X1.75 ISO	Y	20.32	23.75	19.01	19.05	19.44	19.83	20.24

PART NUMBERING SYSTEM

CFT/CAT Specifications

Material:

Stainless Steel, 304 L
Steel, 12L14
Steel, 1215

Finish: CAT is Cadmium Plated per QQ-P-416 Type 1, Class 3 with clear protective coating

CFT is Proprietary Tin Plated

Part Number

Example: CAT2-2520

CAT	2	2520
Cadmium T series	Material	Thread Size
Featuring 360° Swaging	1-Stainless Steel	2-Steel

Special finish or material available upon request

***CFT and CAT rivet nut styles are dimensionally the same. CFT is Cadmium Free and RoHS Compliant.**

Actual hole size can be affected by parent material and material thickness. Contact Sherex for details.
CFT/CAT series available in different finishes. Other specials available upon request.
Contact Sherex for test data.

INSTALLATION TOOLING

CFT/CAT Series can be installed with our Hand Tools, Pneumatic Tools, and Hydro-Pneumatic Tools. For additional tooling information see pages 41-45.
Sherex rivet nuts are compatible with the following hardware: **GRADE 2, GRADE 5, CLASS 8.8 and CLASS 9.8** Please contact Sherex when using other grade fasteners.

CFT Stainless Steel (CFT1) products are now produced in our Sherex Akron facility, and are available with reduced lead times!