



Size <b>A</b> (See note 3)	Part No.*	Across Flats <b>B</b> Max. Min.	Flange Dia. <b>C</b> Max. Min.	Thickness <b>D</b> Max. Min.	Flange Thickness <b>E</b> Min.	Proof Load Min. Lb.	1 <sup>st</sup> Install Max. In.-lb.	1 <sup>st</sup> Remov al Min. In.-lb.	3 <sup>rd</sup> Removal Min. in.-lb.	Weight /1000 Lb.	Carton Qty.
1/4-20	25CRFT8#	0.438	0.594	0.236	0.04	4,750	40	5.0	1.5	10.9	3,600
1/4-28	25FRFT8#	0.428	0.574	0.222	0.04	5,450					
5/16-18	31CRFT8#	0.500	0.680	0.283	0.04	7,850	80	8.0	2.5	15.9	2,500
5/16-24	31FRFT8#	0.489	0.660	0.268		8,700					
3/8-16	37CRFT8#	0.562	0.750	0.347	0.04	11,600	110	12	4.0	23.5	1,600
3/8-24	37FRFT8#	0.551	0.728	0.330		13,200					
7/16-14	43CRFT8#	0.688	0.937	0.395	0.04	15,900	135	17	5.0	38.9	1,000
7/16-20	43FRFT8#	0.675	0.910	0.375		17,800					
1/2-13	50CRFT8#	0.750	1.031	0.458	0.05	21,300	204	22	7.5	55.9	650
1/2-20	50FRFT8#	0.736	1.000	0.437		24,000					
9/16-12	56CRFT8#	0.875	1.188	0.506	0.05	27,300	300	30	10.0	84.0	450
9/16-18	56FRFT8#	0.861	1.155	0.483		30,400					
5/8-11	62CRFT8#	0.938	1.281	0.569	0.05	33,900	420	39	12.5	103	350
5/8-18	62FRFT8#	0.922	1.248	0.545		38,400					
3/4-10	75CRFT8#	1.125	1.500	0.675	0.06	50,100	540	58	20	160	200
3/4-16	75FRFT8#	1.088	1.460	0.627		56,000					
7/8-9	87CRFT8#	1.312	1.750	0.788	0.07	69,300	840	88	30	237	150
7/8-14	87FRFT8#	1.269	1.706	0.735		76,400					
1-8	100CRFT8#	1.500	2.000	0.900	0.08	90,900	1080	120	40	353	90
1-14	100FRFT8#	1.450	1.950	0.850		101,900					

\*Coating Codes (substitute for “#” in the part number).  
Other available finishes may not be listed.

[blank] – Unfinished Plain

1 – Zinc/Yellow per ASTM F1941 - Fe/Zn 5C

2 – Zinc/Clear per ASTM F1941 - Fe/Zn 5AT (RoHS)

3 – Cadmium/Clear per ASTM F1941 - Fe/Cd 5A

4 – Phosphate/Oil per ASTM F 1137 Grade D

C – Commercial Cadmium/Clear

Y – Commercial Zinc/Yellow

Z – Commercial Zinc/Clear (RoHS)

**Notes:**

- Dimensions of the 7/8 and 1 inch sizes are Aztech specified others per ASME B18.2.2 Hex Flange Nuts
- Performance and material characteristics are compliant to SAE j995 Grade 8.
- Threads conform to gaging practices doc # SPL-9010 for Preload-Locking Thread Profile
- Prevailing Torque per ASME B18.16.6 Grade C or G

## FLANGE LOADLOCK with PREVAILING TORQUE FEATURE GRADE 8



Date	By	Scale	Units	Type	Rev.
5-20-15	SEK	None	In	S	-