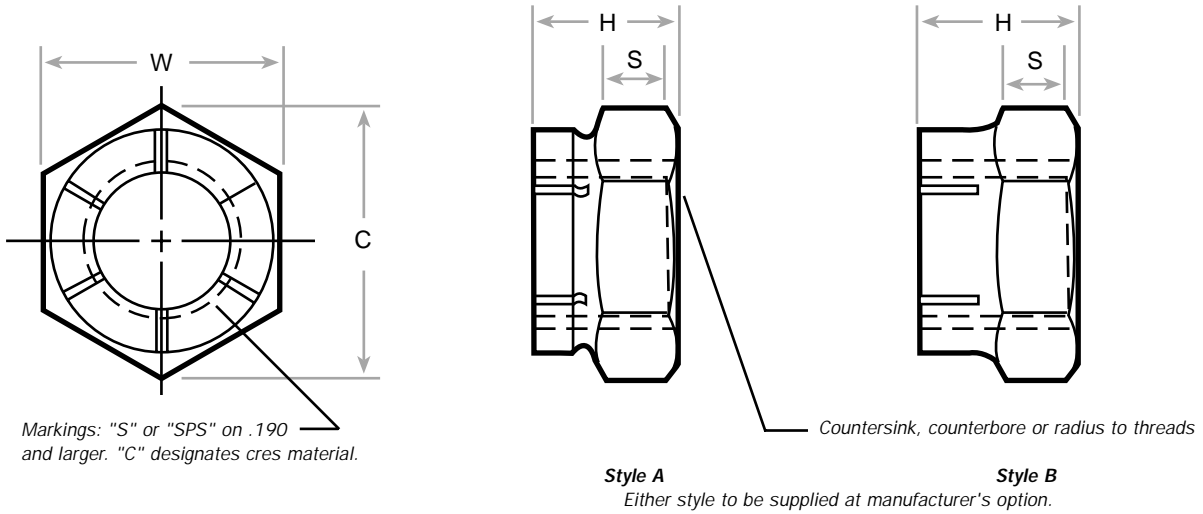


FLEXLOC® Thin Height Heavy Duty Hex



Type*	Dash No	Threads See Note 5	C Ref	H Max	S Min	W Max	W Min	Axial Strength Lbs Min		
								Steel & Cres	Aluminum	Brass
FKC	420	.250-20 UNC-2B	.552	.219	.053	.502	.492	4,450	2,290	1,960
FK	518	.312-18 UNC-2B	.622	.266	.087	.564	.553	4,980	3,030	2,590
FK	616	.375-16 UNC-2B	.696	.282	.085	.627	.616	7,360	3,890	3,330
FK	714	.437-14 UNC-2B	.837	.328	.101	.752	.741	10,100	5,290	4,530
FK	813	.500-13 UNC-2B	.907	.328	.101	.814	.803	11,400	6,480	5,550
FKC	912	.562-12 UNC-2B	1.051	.368	.104	.940	.928	14,600	10,060	8,620
FK	1011	.625-11 UNC-2B	1.119	.399	.116	1.002	.990	18,100	10,700	9,170
FK	1210	.750-10 UNC-2B	1.260	.415	.121	1.127	1.115	26,800	13,100	11,200
FK	1409	.875-9 UNC-2B	1.470	.477	.163	1.314	1.301	36,940	20,400	17,500
FK	1608	1.000-8 UNC-2B	1.682	.571	.207	1.502	1.489	48,500	26,800	22,970
FK	1807	1.125-7 UNC-2B	2.038	.634	.202	1.814	1.801	61,100	27,100	23,200
FK	2007	1.250-7 UNC-2B	2.250	.759	.287	2.002	1.988	77,600	34,500	29,600
FK	2206	1.375-6 UNC-2B	2.484	.818	.300	2.190	2.176	79,700	35,400	30,300
FK	2406	1.500-6 UNC-2B	2.697	.884	.326	2.377	2.363	96,900	43,000	36,800

Dimensions are in inches. Dimensions are prior to lubrication on dry film lubricated nuts.

FLEXLOC® Thin Height Heavy Duty Hex

- 1. Material** Steel, Carbon
Steel, Corrosion resistant austenitic
Brass, Naval half hard
Aluminum, 2024-T4 or 2024-T351
- 2. Finish** Cadmium plate per QQ P-416, Type I, Class 2
Cadmium plate per QQ-P-416, Type II, Class 2
Silver plate per AMS 2410
Zinc plate per ASTM B633, Type II
Anodize per MIL-A-8625
- 3. Lubricant** Unless otherwise specified, parts shall be supplied with a non-dry lubricant (wax type) soluble in the cleaner specified in NASM25027. Dry film lubricant per NASM25027 when specified.
- 4. Locking torque** per NASM25027 as applicable. Reusability for unplated corrosion resistant nuts not required per NASM25027.
- 5. Threads** Class 2B are per NASM25027 prior to lubrication per MIL-S-7742.
- 6. Surface Texture** USAS B46.1 unless otherwise specified, the surface texture shall not exceed 125 microinches.
- 7. Part Numbers** SPS part numbers consist of the following, plus the "type", plus applicable dash number.

20-Steel, sizes 1/4 thru 7/16
30-Steel, sizes 1/2 thru 1-1/2
21-Steel, cadmium plated, Type I, sizes 1/4 thru 7/16
31-Steel, cadmium plated, Type I, sizes 1/2 thru 1-1/2
23-Steel, zinc plated, sizes 1/4 thru 7/16
33-Steel, zinc plated, sizes 1/2 thru 1-1/2
27-Steel, cadmium plated, Type II, sizes 1/4 thru 7/16
37-Steel, cadmium plated, Type II, sizes 1/2 thru 1-1/2
28-Steel, cadmium plated, Type I, plus molybdenum disulfide dry film lubricant, sizes 1/4 thru 7/16
38-Steel, cadmium plated, Type I, plus molybdenum disulfide dry film lubricant, sizes 1/2 thru 1-1/2
50-Steel, corrosion resistant, passivated
59-Steel, corrosion resistant, silver plated
60-Brass
62-Brass, cadmium plated, Type I
70-Aluminum
75-Aluminum, anodized

Examples: 31 FK-1210 = .7500-10 UNC-2B, Type I, cadmium plated steel nut
- 8. Part numbers** other than listed on this drawing shall not be used.