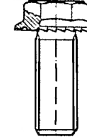
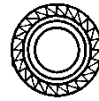
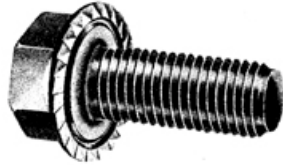


Section 1 Threaded Fasteners



HEXAGON FLANGE LOCK BOLTS # W151 FL

Tensilok™ series with Self-Locking Serrated Flange Head - Heat Treated Steel - Coarse Thread - Black
 Property Class: 90 for Dia. M 5 to M 10 (Similar to Grade 9.8), Tensile Strength: 900 MPa (130,500 psi min.)
 100 for Dia. M 12 to M 16 (Similar to Grade 10.9), Tensile Strength: 1040 MPa (145,000 psi min.)



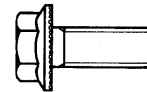
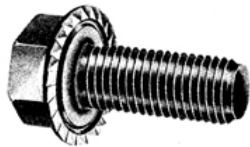
NOM. LENGTH	NOMINAL DIAMETER					
	M 5	M 6	M 8	M 10	M 12	M 16
10	X	X	-	-	-	-
12	X	X	X	-	-	-
16	X	X	X	X	-	-
20	X	X	X	X	X	-
25	-	X	X	X	X	X
30	-	X	X	X	X	X
35	-	-	X	X	X	X
40	-	-	X	X	X	X
45	-	-	-	-	X	X
50	-	-	-	-	X	X
60	-	-	-	-	-	X
70	-	-	-	-	-	X

DIMENSIONS in mm							
NOM. THREAD DIA.	M 5	M 6	M 8	M 10	M 12	M 14	M 16
PITCH	0.8	1	1.25	1.5	1.75	2	2
APPROX. THREAD/Inch	31 3/4	25 1/2	20 1/4	17	14 1/2	12 3/4	12 3/4
THREAD LENGTH	16	18	22	26	30	34	38
FLANGE DIA. max.	11.2	14.2	18.2	21	24	27.5	31
HEAD HEIGHT max.	4.3	5.5	7	7.9	8.7	10.2	11.2
ACROSS FLATS max.	8	10	13	15	17	19	22

"x" denotes stock availability
 For matching Serrated Flange Lock Nuts, see item # W196 FL on page # 1-136.

HEXAGON FLANGE LOCK SCREWS # W158 FL

RIPP™ series with Self-Locking Ribbed Flange Head - Heat Treated Steel - Coarse Thread - Black
 Property Class: 100 (Similar to Grade 10.9), Tensile Strength: 1040 MPa (145,000 psi min.)



NOM. LENGTH	NOMINAL DIAMETER					
	M 5	M 6	M 8	M 10	M 12	M 16
10	X	X	-	-	-	-
12	X	X	X	-	-	-
14	X	X	X	-	-	-
16	X	X	X	X	-	-
20	X	X	X	X	X	-
25	-	X	X	X	X	X
30	-	-	X	X	X	X
35	-	-	X	X	X	X
40	-	-	X	X	X	X
45	-	-	-	-	X	X
50	-	-	-	-	X	X
55	-	-	-	-	-	X
60	-	-	-	-	-	X
70	-	-	-	-	-	X

DIMENSIONS in mm							
NOM. THREAD DIA.	M 5	M 6	M 8	M 10	M 12	M 14	M 16
PITCH	0.8	1	1.25	1.5	1.75	2	2
APPROX.	31	25	20	17	14	12	12
THREAD LENGTH	16	18	22	26	30	34	38
FLANGE DIA. max.	11.2	14.2	18.2	21	24	27.5	31
HEAD HEIGHT max.	4.3	5.5	7	7.9	8.7	10.2	11.2
ACROSS FLATS max.	8	10	13	15	17	19	22

"x" denotes stock availability
 For matching Ribbed Flange Lock Nuts, see item # W193 FL on page # 1-136.

How to Order
 Item #: W151 FL
 Size: 8 x 25
 Quantity: 1200
 Tel: 1-888-966-MMCC