

Requirement of Site HSFG Bolts for Karnataka Project

Annexure-B

Sl. No.	Thread Type	Thread Length (mm)	Length (mm)	Required Nos			Total Requirement in Nos	Remarks
				12 x 30.5M	9 x 45.7M	50 x 18.3M		
1	M16	35	60	432			432	Each Bolt Consists of one DTI Washer, One Plain Washer & One Hex. HD Nut.
2	M20	35	55	7908			7908	Each Bolt Consists of one DTI Washer, One Plain Washer & One Hex. HD Nut.
3	M20	35	60	144	10755	306	11205	
4	M20	35	65	900	990	450	2340	
5	M20	35	70		1134		1134	
6	M20	35	75			981	981	
7	M20	35	80			4914	4914	
8	M20	35	100			2718	2718	
9	M20	35	175			5445	5445	
10	M22	45	70	480	450		930	
11	M22	40	60	10152	1512		11664	Each Bolt Consists of one DTI Washer, One Plain Washer & One Hex. HD Nut.
12	M22	40	65	16080	3636		19716	
13	M22	40	70	11724	22230		33954	
14	M22	40	75	13068	24840		37908	
15	M22	40	80	240	6651		6891	
16	M22	40	85	6192	9072		15264	
17	M22	40	90	2016	9135		11151	
18	M22	40	95		1215		1215	
19	M22	40	100		675		675	
20	M22	40	105	3720	918		4638	
21	M22	40	110	4608			4608	
22	M22	40	120		3591		3591	
23	M22	40	125	660			660	

Note :

Extra 5% Plain Washer for M16 Bolts =	22	nos
Extra 5% Plain Washer for M20 Bolts =	1833	nos
Extra 5% DTI Washer for M20 Bolts =	1385	nos
Extra 5% Plain Washer for M22 Bolts =	7597	nos
Extra 5% DTI Washer for M22 Bolts =	4174	nos
Extra 5% Taper Washer for M22 Bolts =	49	nos