



JUWEL TYPE 01

Input Force			Output Force		
kg-m	Nm	Ft/lb	kg-m	Nm	Ft/lb
3	29	21,23	12	118	87,03
4	39	28,76	16	157	115,79
5	49	36,14	20	196	144,56
6	59	43,51	24	236	174,06
7	69	50,89	28	275	202,82
8	78	57,52	32	314	231,59
9	88	64,90	36	353	260,35
10	98	72,28	40	393	289,86
11	108	79,85	44	431	317,88
12	118	87,03	48	471	347,39
13	127	93,67	52	510	376,15
14	137	101,04	55	539	397,54
15	147	108,42	58	569	419,67
16	157	115,79	62	608	448,43
17	167	123,17	66	647	477,20
18	177	130,54	68	667	491,95
19	186	137,18	72	706	520,71
20	196	144,56	75	735	542,10
21	206	151,93	78	765	564,23
22	216	159,31	82	804	592,99
23	226	166,68	86	843	621,76
24	235	173,32	90	883	651,26
25	245	180,70	93	912	672,65
26	255	188,07	96	941	694,64
27	265	195,45	100	981	723,54
28	275	202,82	103	1010	744,93
29	284	209,46	106	1040	767,06
30	294	216,84	109	1069	788,45
31	304	224,21	111	1089	803,20
32	314	231,59	114	1118	824,59
33	324	238,97	117	1147	845,98
34	333	245,60	120	1177	868,11
36	353	260,35	127	1245	918,26

TORQUE TABLE ACCORDING TO BOLT STRENGTH

Screw thread DIN 13/Bolt heads DIN 912 - 931 - 934 - 6912 - 7984 and 7990

B O L T T Y P E		B O L T Q U A L I T Y			
METRIC SIZE	SOCKET SIZE (mm)	6.9	8.8	10.9	12.9
		Nm	Nm	Nm	Nm
M 14	22	116	138	194	235
M 16	24	178	210	299	357
M 18	27	245	289	411	490
M 20	30	384	411	578	696
M 22	32	470	559	784	941
M 24	36	598	711	1,00	1,196
M 28	41	887	1,049	1,481	1,775
M 30	46	1,206	1,422	2,010	2,403
M 33	50	1,628	1,932	2,716	3,266
M 36	55	2,099	2,481	3,491	4,197
M 39	60	2,716	3,226	4,531	5,443
M 42	65	3,364	3,991	5,609	6,727
M 45	70	4,207	4,992	7,012	8,414
M 48	75	5,080	6,021	8,473	10,150
M 52	80	6,541	7,747	10,885	13,092
M 56	85	8,149	9,650	13,582	16,279
M 60	90	10,101	11,964	16,867	20,202
M 64	95	12,160	14,416	20,300	24,320
M 68	100	14,863	17,615	24,771	29,725
M 72	105	17,787	21,081	29,645	35,573
M 76	110	21,071	24,973	35,118	42,141
M 80	115	24,733	29,314	41,222	49,497
M 90	130	35,880	42,525	59,801	71,761
M 100	145	49,950	59,200	83,250	99,900



High Pressure Hydraulic Tools & Torque Equipments

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