



**JUWEL  
SCHRAUBTECHNIK GmbH**



DIN EN ISO 9001 : 2000  
Zertifikat : 01 100 73027

### JUWEL TYPE 08

Input Force			Output Force		
kg-m	Nm	Ft/lb	kg-m	Nm	Ft/lb
4	39	28,76	40	2500	499,32
5	49	36,14	50	2743	621,76
6	59	43,51	60	3068	730,92
7	69	50,89	70	3393	853,35
8	78	57,52	80	3800	961,78
9	88	64,90	90	4295	1084,95
10	98	72,28	100	4865	1208,12
11	108	79,85	110	5440	1309,17
12	118	87,03	120	6030	1432,34
13	127	93,67	130	6560	1548,14
14	137	101,04	140	7085	1670,57
15	147	108,42	150	7585	1941,26
16	157	115,79	160	8100	1906,54
17	167	123,17	170	8630	2025,34
18	177	130,54	180	9190	2139,66
19	186	137,18	190	9760	2256,94
20	196	144,56	200	10300	2380,11
21	206	151,93	210	10790	2495,17
22	216	159,31	220	11200	2610,97
23	226	166,68	230	11610	2734,14
24	235	173,32	240	12000	2849,94
25	245	180,70	250	12490	3081,53
26	255	188,07	260	12980	3081,53
27	265	195,45	270	13470	3197,33
28	275	202,82	280	13960	3319,76
29	284	209,46	290	14450	3433,56
30	294	216,84	300	14950	3551,36

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### 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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