



**JUWEL  
SCHRAUBTECHNIK GmbH**



### JUWEL TYPE 03 L

Input Force			Output Force		
kg-m	Nm	Ft/lb	kg-m	Nm	Ft/lb
3	29	36,14	108	1063	784,02
4	39	43,51	149	1462	1078,31
5	49	50,89	165	1617	1192,63
6	59	57,52	201	1967	1450,78
7	69	64,90	236	2316	1708,19
8	78	72,28	272	2665	1965,60
9	88	79,85	308	3016	2224,48
10	98	87,03	343	3365	2481,89
11	108	93,67	379	3716	2740,78
12	118	101,04	415	4065	2998,19
13	127	108,42	451	4416	3257,07
14	137	115,79	486	4765	3514,48
15	147	123,17	507	4966	3662,73
16	157	130,54	527	5167	3810,98
17	167	137,18	548	5368	3359,23

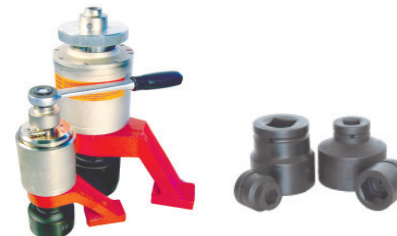


# SURKON®

### TORQUE TABLE ACCORDING TO BOLT STRENGTH

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

BOLT TYPE		BOLT QUALITY			
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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