



**JUWEL  
SCHRAUBTECHNIK GmbH**



### JUWEL TYPE 06

Input Force			Output Force		
kg-m	Nm	Ft/lb	kg-m	Nm	Ft/lb
3	29	28,76	140	1372	1011,93
4	39	36,14	190	1862	1373,34
5	49	43,51	240	2352	1734,74
6	59	50,89	280	2744	2023,87
7	69	57,52	340	3430	2529,83
8	78	64,90	390	3822	2818,96
9	88	72,28	450	4410	3252,64
10	98	79,85	500	4900	3614,05
11	108	87,03	540	5292	3903,17
12	118	93,67	570	5586	4120,02
13	127	101,04	620	6076	4481,42
14	137	108,42	660	6468	4770,55
15	147	115,79	700	6860	5059,67
16	157	123,17	740	7252	5348,80
17	167	130,54	800	7840	5782,48
18	177	137,18	830	8134	6036,20
19	186	144,56	875	8575	6324,59
20	196	151,93	925	9065	6686,00
21	206	159,31	960	9408	6938,98
22	216	166,68	1000	9806	7232,53

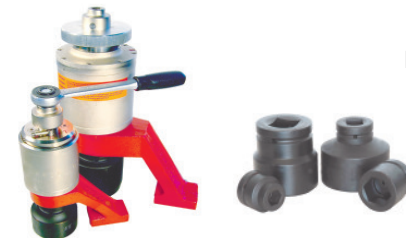


# SURKON®

### 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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