

## No. 519 a Turnbuckles

to DIN 1480 with weld studs, untreated.  
All dimensions in mm.



Thread diameter	M 6	M 8	M 10	M 12	M 14	M 16
Tension nut length	110	110	122	120	135	165
Total length	240 - 320	240 - 315	300 - 385	300 - 380	330 - 420	400 - 510
Tension travel	80	75	85	80	90	110
Weld stud length	120	120	150	160	165	200
Nut thread length	12	15	18	21	24	27
Thread length on weld stud	65	65	75	75	85	100
Weight in kg approx.	0.10	0.14	0.32	0.44	0.63	1.06

Thread diameter	M 20	M 22	M 24	M 30
Tension nut length	200	215	245	245
Total length	440 - 570	440 - 585	520 - 690	520 - 680
Tension travel	130	145	170	160
Weld stud length	220	220	260	260
Nut thread length	34	37	39	45
Thread length on weld stud	120	130	150	160
Weight in kg approx.	1.68	2.27	2.90	4.10