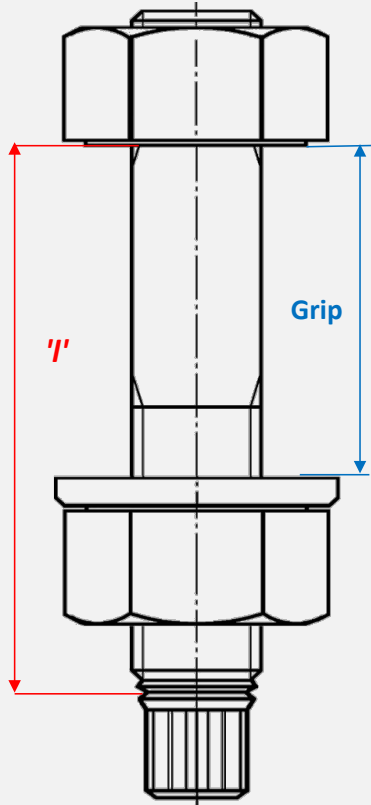


Grip Tolerances for TCB Studs (1xRH HRD nut, 1xLH HRD Nut, & 1xWasher) from In-House Production using a Standard Shear Wrench



PRODUCT CODE	Ø x "'	GRIP	
		MIN	MAX
100501720060	M20 X 60	12	31
100501720080	M20 X 80	32	51
100501720100	M20 X 100	52	71
100501720120	M20 X 120	72	91
100501720140	M20 X 140	92	111
100501720160	M20 X 160	112	131
100501720180	M20 X 180	132	151
100501720200	M20 X 200	152	171
100501720220	M20 X 220	172	191
100501720240	M20 X 240	192	211
100501720260	M20 X 260	212	231
100501720275	M20 X 275	227	246

PRODUCT CODE	Ø x "'	GRIP	
		MIN	MAX
100501722070	M22 X 70	18	39
100501722090	M22 X 90	38	59
100501722110	M22 X 110	58	79
100501722130	M22 X 130	78	99
100501722150	M22 X 150	98	119
100501722170	M22 X 170	118	139
100501722190	M22 X 190	138	159
100501722210	M22 X 210	158	179
100501722230	M22 X 230	178	199
100501722250	M22 X 250	198	219
100501722270	M22 X 270	218	239
100501722290	M22 X 290	238	259
100501722310	M22 X 310	258	279

PRODUCT CODE	Ø x "'	GRIP	
		MIN	MAX
100501727080	M27 X 80	18	42
100501727100	M27 X 100	38	62
100501727120	M27 X 120	58	82
100501727140	M27 X 140	78	102
100501727160	M27 X 160	98	122
100501727180	M27 X 180	118	142
100501727200	M27 X 200	138	162
100501727220	M27 X 220	158	182
100501727240	M27 X 240	178	202
100501727260	M27 X 260	198	222
100501727280	M27 X 280	218	242
100501727300	M27 X 300	238	262
100501727315	M27 X 315	253	277

PRODUCT CODE	Ø x "'	GRIP	
		MIN	MAX
100501736100	M36 X 100	22	50
100501736120	M36 X 120	42	70
100501736140	M36 X 140	62	90
100501736160	M36 X 160	82	110
100501736180	M36 X 180	102	130
100501736200	M36 X 200	122	150
100501736220	M36 X 220	142	170
100501736240	M36 X 240	162	190
100501736260	M36 X 260	182	210
100501736280	M36 X 280	202	230
100501736300	M36 X 300	222	250
100501736320	M36 X 320	242	270
100501736340	M36 X 340	262	290
100501736360	M36 X 360	282	310

PRODUCT CODE	Ø x "'	GRIP	
		MIN	MAX
100501724080	M24 X 80	25	45
100501724100	M24 X 100	45	65
100501724120	M24 X 120	65	85
100501724140	M24 X 140	85	105
100501724160	M24 X 160	105	125
100501724180	M24 X 180	125	145
100501724200	M24 X 200	145	165
100501724220	M24 X 220	165	185
100501724240	M24 X 240	185	205
100501724260	M24 X 260	205	225
100501724280	M24 X 280	225	245
100501724300	M24 X 300	245	265
100501724320	M24 X 320	265	285

PRODUCT CODE	Ø x "'	GRIP	
		MIN	MAX
100501730080	M30 X 80	14	38
100501730100	M30 X 100	34	58
100501730120	M30 X 120	54	78
100501730140	M30 X 140	74	98
100501730160	M30 X 160	94	118
100501730180	M30 X 180	114	138
100501730200	M30 X 200	134	158
100501730220	M30 X 220	154	178
100501730240	M30 X 240	174	198
100501730260	M30 X 260	194	218
100501730280	M30 X 280	214	238
100501730300	M30 X 300	234	258
100501730315	M30 X 315	249	273

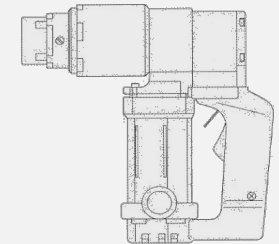
Notes:

- TCB Studs are bespoke made to order items and are not ex-stock.
- Contact us for pricing.
- Lead time To Be Determined at the time of order.
- Please quote the Product Code when ordering.
- Grip length can still be adjusted by the use of additional washers - see EN 1090-2 clause 8.2.4 and Table 16.
- All dimensions in millimetres (mm).
- Standard Shear Wrenches do not include the corner (GMC, GHC, GVC, and GSUL) models.

Notes from BS EN 1090-2:2018 section 8.2.2:

Reference Min Grip: For preloaded bolts, at least four full threads (in addition to the thread run out) shall remain clear between the bearing surface of the nut and the unthreaded part of the shank.

Reference Max Grip: The length of protrusion shall be at least the length of one thread pitch measured from the outer face of the nut to the end of the bolt.



Standard Style Shear Wrench



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