



# TORC POWER HAND TOOLS CATALOGUE

**Address:**

**TORC POWER**

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## 1. Manual Torque Wrench 2. Torque Multiplier, 3. Impact Sockets, 4. Sludge Spanner 5. Hand Tensioners



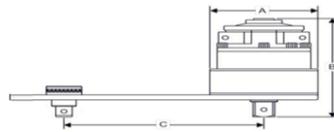
1 NM=0.738 lbf.ft

1 Kgm= 9.80 NM



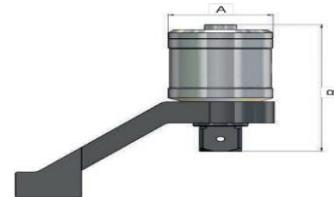
## MANUAL TORQUE WRENCH

Sr no	Model Number		Drive	Product range			Overall Length	Weight
	STANDARD	RATCHET	SQ.DR.	LB.FT.	NM	Kg.Mts.	mm	Kg
1	TPIM-100A	TPIM-100R	3/8"	2.-8	2.5-11	0.3-1.1	320/360	0.56
2	TPIM-300A	TPIM-300R	3/8"	4.-25	5.-35	05-3.5	430/465	0.75
3	TPIM-600A	TPIM-600R	1/2"	10.-50	12.-68	1.2-7	485/530	1.1
4	TPIM-1200A	TPIM-1200R	1/2"	20.-50	25-135	3.-14	545/595	2
5	TPIM-2000A	TPIM-2000R	1/2"	40 -160	50-225	5.-23	610/660	2.5
6	TPIM-3000A	TPIM-3000R	1/2"	50 -250	70-330	7.-35	835/890	4
7	TPIM-5000A	TPIM-5000R	3/4"	100 -410	140-560	14-57	1120/1195	6.56
8	TPIM-7200A	TPIM-7200R	3/4"	140 -600	200-800	22-82	1300/1400	12.8
9	TPIM-8400A	TPIM-8400R	1"	350 -700	480-940	49-95	1400/1485	14
10	TPIM-14	TPIM-14 R	3/4"	100 -400	135-540	14-56	1120/1195	6.6
11	TPIM-14 S	TPIM-14 SR	3/4"	100 -500	135-750	14-78	1110/1195	7
12	TPIM-49	TPIM-49 R	3/4"	350 -750	475-1050	49-105	1390/1480	15
13	TPIM-55	TPIM-55 R	1"	400-1000	540-1380	55-140	1305/1340	18
14	TPIM-105	TPIM-105 R	1"	750-1400	1000-1900	105-195	1305/1340	18
15	TPIM-170	TPIM-170 R	1"	1000-2000	1350-2700	135-275	1450/1530	20.5



## MANUAL TORQUE MULTIPLIER

Hand Tool Model	Maximum Torque			Bolt Size		Multiplication Factor	Female Input Square	Male Output Square	Major Dia	Height	Min	Max	Reaction plate Weight
	Ft.lbs	Nm	Kgf.m.	Inch	mm								
TPIMP-1	1250	1700	170	1.1/8"	27	5	1/2"	3/4"	115	87	75	164	4.5
TPIMP-2	1250	1700	170	1.1/8"	27	5	3/4"	1"	115	90	75	164	5
TPIMP-2/25 AWUR	1250	1700	170	1.1/8"	27	25	1/2"	1"	115	120	75	164	7
TPIMP-5	2000	2700	275	1.3/8"	36	5	3/4"	1"	136	135	89	260	11
TPIMP-5/25 AWUR	2000	2700	275	1.3/8"	36	25	1/2"	1"	136	163	89	260	11
TPIMP-6	2500	3400	345	1.1/2"	38	5	3/4"	1.1/2"	136	149	105	260	8.5
TPIMP-6/25 AWUR	2500	3400	345	1.1/2"	38	25	1/2"	1.1/2"	136	176	105	260	11.6
TPIMP-7	4500	6000	622	1.7/8"	48	5	3/4"	1.1/2"	168	174	115	310	18
TPIMP-7/25 AWUR	4500	6000	622	1.7/8"	48	25	1/2"	1.1/2"	168	226	115	310	22
TPIMP-9/25 AWUR	7000	9500	965	2.1/4"	56	25	3/4"	1.1/2"	195	256	150	350	33
TPIMP-9/125 AWUR	7000	9500	965	2.1/4"	56	125	1/2"	1.1/2"	195	301	150	350	35.7
TPIMP-11/25 AWUR	11060	15000	1500	3.3/4"	95	25	3/4"	2.1/2"	220	360	164	480	52
TPIMP-11/125 AWUR	11060	15000	1500	3.3/4"	95	125	1/2"	2.1/2"	220	404	164	480	57
TPIMP-13/125 AWUR	35000	47500	4750	4.1/2"	115	125	3/4"	2.1/2"	315	550	164	480	80.2



## VERTICAL MULTIPLIER

Model No	Gear Ratio	Torque Range		Height {B}	Diameter {A}	Weight	Input Drive	Output Drive	Suitable for Bolt Size	
		Ft/lbs	Nm						mm	mm
VTM-15	4.5:1	1000	1355	175	80	3	3/4"	1"	M16-M27	24-41
VTM-25	12.:1	1350	1630	310	80	5.2	3/4"	1"	M20-M30	30-46
VTM-35	15.:1	2125	2880	285	80	5.1	3/4"	1"	M20-M36	30-55
VTM-40	15.:1	2360	3200	245	95	6.1	3/4"	1.1/2"	M20-M39	30-60
VTM-65	21.:1	3660	4960	240	114	8.4	3/4"	1.1/2"	M27-M42	41-65
VTM-90	40.:1	5075	6880	300	172	21.5	3/4"	1.1/2"	M33-M48	50-75

**Torc Power offer Mechanical and Hydraulic Flange spreader which is suitable for spreading, piercing and wedging operation in Industrial application. Low weight deigned to easy operation up to 14 Ton capacity which can spread max 85 mm, jaw tip can fit with 6 mm gap**

<b>MECHANICAL FLANGE SPREADER</b>					
Model	Type	Max Spreading force in Ton	Max Capacity to Spread	Tip Clearance	Weight
TPIFM8	Mechanical	8 Ton	80 mm	6 mm	7 Kgs



<b>HYDRAULIC FLANGE SPREADER</b>					
Model no	Type	Max Spreading force in Ton	Max Capacity to Spread	Tip Clearance	Weight
TPIFH5	Hydraulic	5 Ton	85 mm	6 mm	7 Kg
TPIFH10	Hydraulic	10 Ton	85 mm	6 mm	9 Kg
TPIFH14	Hydraulic	14 Ton	85 mm	6 mm	12 Kg



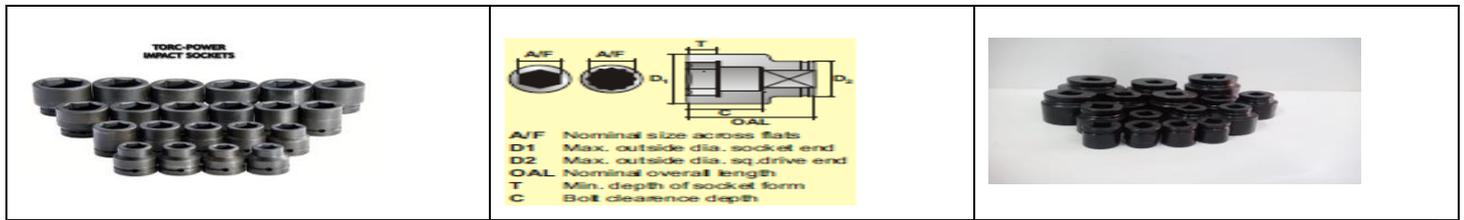
**All Flange Spreaders available in standard kit and Maxi kit**

<b>Standard Kit</b>
1 x Hydraulic Flange Spreader 1 x 700 Bar 6 feet long Hydraulic hose with quick coupler 1 x stepped block 1 x safety block 1 x carrying case 1 x Instruction manual Gross Wt- 17 kgs



<b>Maxi kit</b>
2 x Hydraulic Flange Spreader 1 x two stage hydraulic pump 2 x 700 bar 6 feet long hydraulic hose with quick coupler 2 x stepped block 2 x safety block 1 x carrying case 1 x Instruction manual Gross Wt- 28 Kgs





### 3/8" SQ DRIVE IMPACT SOCKET

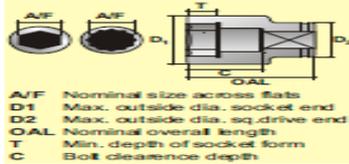
A/F		Max. Dia	IMP HEX		IMP HEX DEEP	
MM	Inch		C	OAL	C	OAL
6, 7, 8, 9,	¼", 5/16", 3/8",	19	14	26	42	54
10, 11, 12, 13,	7/16", ½",	20	14	26	42	54
14, 15, 16, 17,	9/16", 5/8", 11/16",	25	18	30	48	60
18, 19, 20,	¾", 13/16",	28	18	30	48	60
21, 22,	7/8", 15/16",	30	18	30	48	60

### 1/2" SQ DRIVE IMPACT SOCKET

A/F		Max. Dia	IMP HEX		IMP HEX DEEP	
MM	Inch		C	OAL	C	OAL
6,7,8,9,10,	¼", 5/16", 3/8"	24	15	32		80
11, 12, 13,	7/16", ½",	24	18	35		80
14, 15, 16,	9/16", 5/8",	26	18	35	63	80
17, 18, 19,	11/16", 3/4",	29	18	35		80
20, 21, 22,	13/16", 7/8"	32	21	38		80
23, 24, 25,	15/16"	36	26	43		80
26, 27,	1", 1.1/16"	40	27	44		80
28, 29, 30,	1.1/8", 1.3/16",	42	27	44		80
32, 33,	1 ¼", 1.5/16"	46	28	45		80
34, 36	1.3/8", 1.7/16"	50	30	47	63	80

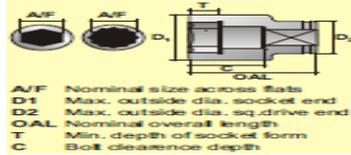
### 3/4" SQ DRIVE IMPACT SOCKET

A/F		Max. Dia	IMP HEX		IMP HEX DEEP	
MM	Inch		C	OAL	C	OAL
17, 19, 20,	11/16", 3/4",	42	21	45		85
21, 22, 24,	13/16", 7/8", 15/16",	42	21	48		85
26,27, 28,	1.1/16", 1.1/8",	47	24	48		90
30,32, 34,	1.3/16", 1.1/4", 1.5/16,	52	30	54		90
36, 38,	1.7/16", 1.1/2",	57	35	59		90
41, 42,	1.5/8",	62	35	59		90
43, 46,	1.11/16", 1.13/16",	67	38	62	76	100
48, 50,	1.7/8", 2",	70	37	65		100
52, 55,	2.1/16", 2.3/16",	77	44	68		100
57, 60,	2.1/4", 2.3/8",	84	48	72		100
62, 65,	2.7/16", 2.9/16",	90	51	75		100
67, 70	2.5/8", 2.3/4"	96	51	75	76	100



### 1" SQ DRIVE IMPACT SOCKET

A/F		Max. Dia	IMP HEX		IMP HEX DEEP	
MM	Inch		C	OAL	C	OAL
17, 19,	11/16", 3/4",	54	25	55	72	102
20, 21,	13/16",	54	25	55	72	102
22, 23,	7/8",	54	25	55	72	102
24, 25,	15/16", 1",	54	27	57	72	102
26, 27,	1.1/16"	54	27	57	72	102
28, 29,	1.1/8",	54	29	59	72	102
30, 31,	1.3/16",	54	29	59	72	102
32, 33,	1 1/4",	54	29	59	72	102
34,	1.5/16",	56	31	61	72	102
35,	1.3/8",	57	31	61	72	102
36,	1.7/16",	58	31	61	72	102
38,	1 1/2",	60	34	64	72	102
40,	1.9/16",	63	34	64	72	102
41,	1.5/8",	64	34	64	72	102
43,	1.11/16",	67	36	66	72	102
44,	-	68	36	66	72	102
45,	1 3/4",	70	36	66	72	102
46,	1.13/16",	70	38	68	72	102
48,	1.7/8",	73	38	68	72	102
50,	2",	75	40	70	80	110
52,	2.1/16",	78	40	70	80	110
55,	2.3/16",	82	44	74	80	110
57,	2 1/4",	84	44	74	80	110
60,	2.3/8",	88	47	77	85	115
62,	2.7/16",	90	49	79	85	115
65,	2.9/16",	95	51	81	85	115
67,	2.5/8",	97	51	81	90	120
70,	2 3/4",	102	54	84	90	120
75,	2.15/16",	108	59	89	90	120
80,	3.1/8",	114	61	91	90	120
85,	3.3/8",	120	63	93	95	125
90,	3.5/8",	125	65	95	95	125
95,	3 3/4",	132	67	97	100	130
100,	3.7/8",	138	70	100	100	130
105,	4.1/8",	145	75	105	100	130
108,	4 1/4",	148	75	105	110	140
110,	4.5/16",	150	75	105	110	140
115,	4 1/2"	157	75	105	110	140



### 1 1/2" SQ DRIVE IMPACT SOCKET

A/F		Max. Dia	IMP HEX		IMP HEX DEEP	
MM	Inch		C	OAL	C	OAL
30, 32,	1.3/16", 1.1/4",	86	38	80	78	120
34, 35,	1.5/16", 1.3/8",	86	38	80	78	120
36, 37,	1.7/16",	86	38	80	78	120
38, 40,	1.1/2", 1.9/16",	86	38	80	78	120
41, 42,	1.5/8",	86	38	80	83	125
43, 44,	1.11/16",	86	38	80	83	125
45, 46,	1. 3/4", 1.13/16",	86	40	82	83	125
47, 48,	1.7/8",	86	40	82	83	125
49, 50,	1.15/16",	86	40	82	83	125
51,	2",	86	40	82	88	130
52,	2.1/16",	88	40	82	88	130
54,	2.1/8",	88	40	82	88	130
55,	-	88	42	84	88	130
56,	2.3/16",	89	42	84	88	130
57,	2. 1/4",	90	43	85	88	130
58,	2.5/16",	92	44	86	88	130
60,	2.3/8",	94	44	86	88	130
62,	2.7/16",	97	46	88	88	130
65,	2.9/16",	100	48	90	98	140
67,	2.5/8",	103	48	90	98	140
70,	2. 3/4",	107	53	95	98	140
72,	2.13/16"	111	55	97	98	140
75,	2.15/16"	114	56	98	108	150
76,	3"	115	56	98	108	150
78,	3.1/16"	119	56	98	108	150
80,	3.1/8",	120	62	104	108	150
85,	3 1/4",	126	66	108	118	160
86,	3.3/8",	128	66	108	118	160
90,	3 1/2",	133	71	113	128	170
92,	3.5/8",	135	71	113	128	170
95,	3 3/4",	138	74	116	128	170
100,	3.7/8",	145	77	119	128	170
105,	4.1/8",	151	82	124	138	180
110,	4 1/4",	158	85	127	138	180
115,	4 1/2",	164	89	131	138	180
120,	4.5/8",	169	91	133	148	190
125,	4.7/8",	175	96	138	148	190
130,	5 1/4",	182	99	141	148	190
135,	5.3/8",	192	102	144	148	190
140,	5.5/8"	195	104	146	153	195

## 2 1/2" SQ DRIVE IMPACT SOCKET

A/F		Max. Dia	IMP HEX		IMP HEX DEEP	
MM	Inch		C	OAL	C	OAL
44, 46,	1¾", 1.13/16"	124	62	120	137	195
47, 48,	1.7/8", 1.15/16"	124	62	120	137	195
50, 51,	2", 2.1/16"	124	62	120	137	195
52, 53,	2.1/8"	124	62	120	137	195
54, 55,	2.3/16"	124	62	120	137	195
56, 57,	2¼"	124	62	120	137	195
60,	2.3/8"	127	62	120	137	195
62,	2.7/16"	127	62	120	137	195
65,	2.9/16"	127	62	120	137	195
67,	2.5/8"	127	62	120	137	195
70,	2¾"	127	62	120	137	195
73,	2.7/8"	127	72	130	137	195
75,	2.15/16"	127	72	130	137	195
76,	3"	127	72	130	137	195
78,	3.1/16"	128	72	130	137	195
80,	3.1/8"	130	72	130	137	195
83,	3¼"	134	77	135	137	195
85,	3.3/8"	137	77	135	137	195
90,	3.5/8"	144	79	137	137	195
95,	3¾"	150	79	137	137	195
100,	3.7/8"	156	88	146	142	200
105,	4.1/8"	161	88	146	142	200
110,	4¼"	169	98	156	152	210
115,	4½"	174	107	165	152	210
120,	4.5/8"	181	107	165	162	220
125,	4.7/8"	187	107	165	162	220
130,	5¼"	194	122	180	172	230
135,	5.3/8"	200	122	180	172	230
140,	5.5/8"	206	127	185	182	240
145,	5¾"	212	132	190	187	245
150,	6"	219	135	193	192	250
155,	6.1/8"	225	135	193	192	250
160,	6.5/16"	231	142	200	197	255
165,	6½"	237	146	204	207	265
170,	6.11/16"	244	146	204	207	265
175,	6.7/8"	250	153	211	212	270
180,	7.1/8"	256	159	217	217	275
185,	7.5/16"	262	159	217	217	275
190,	7½"	269	163	221	222	280
195,	7.11/16"	275	167	225	227	285
200,	7.7/8"	281	172	230	232	290
205,	8.1/16"	287	177	235	232	290
210,	8¼"	294	177	235	252	310
215,	8½"	300	184	242	262	320
225,	8.7/8"	312	202	260	262	320
230,	9.1/16"	317	207	265	262	320