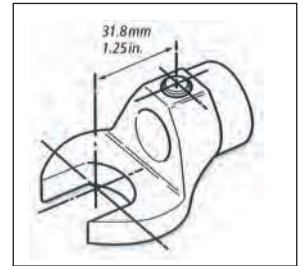


Torque Handle Fittings - Fittings for 16mm Spigot

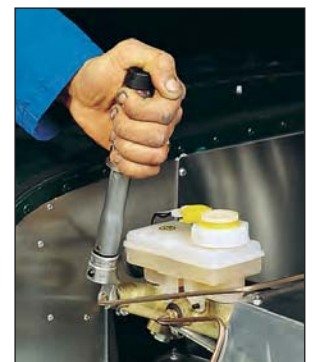
A/F Size mm	Open Ends		Ring Ends		Flare Ends	
	Part No.	Max Torque* (N.m)	Part No.	Max Torque* (N.m)	Part No.	Max Torque* (N.m)
7	29841	9	29881	25	29921	4
8	29842	13	29882	35	29922	7
9	29843	19	29883	45	29923	9
10	29844	25	29884	52	29924	12
11	29845	32	29885	73	29925	16
12	29846	41	29886	89	29926	25
13	29847	51	29887	107	29927	28
14	29848	63	29888	128	29928	31
15	29849	77	29889	150	29929	38
16	29850	92	29890	175	29930	46
17	29851	107	29891	201	29931	53
18	29876	128	29913	230	29953	65
19	29877	149	29914	261	29954	74
20	29852	172	29892	294	29932	86
21	29853	198	29893	330	29933	100
22	29854	225	29894	330	29934	112
23	29855	255	29895	330	29935	123
24	29856	287	29896	330	29936	143
25	29857	322	29897	330	-	-
26	29858	330	29202.M26	330	-	-
27	29878	330	29915	330	29955	150
30	29861	330	29202.M30	330	29204.M30	200
32	29863	330	29202.M32	330	29204.M32	200
Imperial - in						
¼	29701	7	29726	25	-	-
⅜	29702	13	29727	35	29752	7
½	29703	21	29728	42	29753	9
⅝	29704	32	29729	73	29754	15
¾	29705	48	29730	115	29755	23
⅞	29706	67	29731	170	29756	32
1	29707	90	29732	226	29757	44
1 ⅛	29708	118	29733	260	29758	58
1 ¼	29709	150	29734	305	29759	74
1 ⅜	29710	187	29735	330	29760	93
1 ½	29711	230	29736	330	29761	114
1 ⅝	29712	281	29737	330	29762	140
1 ¾	29713	330	29738	330	29763	166
1 ⅞	29714	330	29739	330	29764	166
2	29715	330	29202.118	330	-	-
2 ¼	29716	330	29202.119	330	-	-
2 ½	29717	330	29202.120	330	-	-
2 ⅞	29718	330	29202.121	330	-	-

*Max torque values listed are proof torques quoted in BS 192:1982 & BS 3555:1988 (tested on hardened hexagon test stud).

For other available sizes contact Norbar



Where the distance between centres differs from 1.25 in (31.8mm) the torque applied will not be as set on the wrench (see page 10)

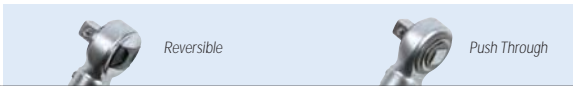


Torque Handle Fittings Fittings for 16mm Spigot



Square Drive	Part No.	Diameter	
		mm	in
3/8	29828	19	0.75
1/2	29827	25	1.0

Ratchet Heads



Square Drive	Part No.	Diameter		No. Teeth	Ratchet Type
		mm	in		
3/8	29826	34	1.3	36	Push Through
3/8	29829	30.5	1.2	72	Reversible
1/2	29825	40	1.6	72	Push Through
1/2	29830	40	1.6	72	Reversible

Accessories for 16mm Spigot

Part No.	Description
29832	Blank End Fitting for In-line Open End
85242	Blank End Fitting for Open End
11343	Blank End Fitting for Ring End
72000	Spigot Adaptor 16mm to 22mm



Part No. 29832



Part No. 85242



Part No. 11343



Part No. 72000

Fittings for 22mm Spigot

Spanner End Fittings



A/F Size mm	Open End Part No.	Ring End Part No.
22	29963.22	29960.22
24	29963.24	29960.24
27	29963.27	29960.27
30	29963.30	29960.30
32	29963.32	29960.32
36	29963.36	29960.36
41	29963.41	29960.41
46	29963.46	29960.46
Imperial - in		
1 1/8	-	29962.18
1 3/8	-	29962.19
1 1/4	-	29962.20
1 5/8	-	29962.21
1 7/8	29964.23	29962.23
1 1/2	29964.24	-

Accessories for 22mm Spigot

Part No.	Description
29969	3/4" Fixed Head
29972	3/4" Ratchet
85719	Blank End Fitting for Open End
85720	Blank End Fitting for Ring End



Part No. 29969



Part No. 29972



Part No. 85719



Part No. 85720

Ratchet Repair Kits and Square Drives

Ratchet Repair Kits

Part No.	Square Drive	Description	No. of Teeth*	To Suit Torque Wrench
	in			
13407	$\frac{3}{8}$	Reversible/Push Through	60	TruTorque 100 N.m, 75 lbf.ft
13409	$\frac{1}{2}$	Reversible/Push Through	60	TruTorque 100/150 N.m, 75/110 lbf.ft
13408	$\frac{1}{2}$	Reversible/Push Through	60	TruTorque 200 - 300 N.m, 150 - 250 lbf.ft
13491	$\frac{3}{8}$	Ratchet Replacement Kit	24	TTi 50/100 N.m, 75 ft.lb
13492	$\frac{1}{2}$	Ratchet Replacement Kit	24	TTi 50 - 300 N.m & 75 - 220 ft.lb
13493	$\frac{1}{2}$	Heavy Duty Ratchet Replacement Kit	30	TTi (over 250 N.m/185 lbf.ft)
11598	$\frac{3}{8}$	'Automotive Ratchet' - Beta Reversible	72	Model 60 & 100
13212	$\frac{3}{8}$	'Industrial Ratchet' - Push Through	24	Model 60 & 100 / TTI 50/100 N.m, 75 ft.lb
11618	$\frac{1}{2}$	'Automotive Ratchet' - Beta Reversible	72	Model 60 & 100
13213	$\frac{1}{2}$	'Industrial Ratchet' - Push Through	24	Model 60 & 100
11622	$\frac{1}{2}$	'Automotive Ratchet' - Beta Reversible	72	Model 200 & 300
11623	$\frac{1}{2}$	'Automotive Ratchet' - Beta Push Through	72	Model 200 & 300
13214	$\frac{1}{2}$	'Industrial Ratchet' - Push Through	24	Model 200 / TTI50 - 300 N.m & 75 - 220 ft.lb
13215	$\frac{1}{2}$	'Industrial Ratchet' - Push Through	30	Model 300 & 330 (13047, 13049 & 13057)
13216	$\frac{3}{4}$	'Industrial Ratchet' - Push Through	30	Model 400 (13050 & 13056)
11691	$\frac{1}{2}$	Push Through	24	Model 330
14195	$\frac{3}{4}$	Push Through	60	Model 550
14196	$\frac{3}{4}$	Push Through	60	Model 800 - 1500
14197	1	Push Through	60	Model 800 - 1500
11811	$\frac{3}{4}$	Reversible	72	SL0
11812	$\frac{3}{8}$	Reversible	72	SL0
11801	$\frac{3}{8}$	Push Through	24	SL1
11905	$\frac{1}{2}$	Narrow (13mm) - Push Through	24	SL1 & SL2
11906	$\frac{1}{2}$	Wide (19mm) - Push Through	24	SL3
12307	-	Does not include square drive 12297	36	Industrial (except 6R)
12373	1	Ratchet Repair Kit	36	6R

* Please count the teeth in the ratchet annulus. Please note: this does not always correspond with the number of 'clicks' per revolution.

Square Drive Assemblies

Part No.	Square Drive	To Suit Torque Wrench
	in	
11914	$\frac{3}{8}$	SL0 Fixed Head
11941	$\frac{3}{8}$	SL1
29682	$\frac{1}{2}$ to $\frac{3}{8}$	SL1
29684	$\frac{1}{2}$	SL1 and SL2
29683	$\frac{1}{2}$	SL3
12297	$\frac{3}{4}$	Industrials and Professional Model 550
12299	1	Industrials and Professional Model 550
14157	$\frac{3}{4}$	Professionals Models 800 - 1500
14165	1	Professionals Models 800 - 1500