



Adjustable - 16mm Spigot

Model	Part No.	Range		Length	Weight
		N.m	lbf.ft	mm	Kg
60TH	13018	8 – 60	5 – 45	301	0.55
100TH	13019	20 – 100	15 – 80	340	0.6
200TH	13020	40 – 200	30 – 150	423	0.78
300TH	13021	60 – 300	45 – 220	548	1.13



Professional Torque Wrench Torque Handles

Norbar Torque Handles are based on the 'Professional' wrench range and share the same high precision engineering.

Two end fitting styles are catered for: 16mm diameter spigot type and the 9 x 12mm and 14 x 18mm rectangular type.

For many applications a spanner end fitting rather than a socket is the best or, often, the only solution. Typically this will be because the joint is a pipe union (such as a brake pipe).

Female Ended Adjustable - 9 x 12mm and 14 x 18mm

Model	Part No.		Range		Length	Weight
	9x12	14x18	N.m	lbf.ft	mm	Kg
60TH	13022	-	8 – 60	5 – 45	300	0.55
100TH	13023	-	20 – 100	15 – 80	340	0.6
200TH	13024	13025	40 – 200	30 – 150	421/431	0.78
300TH	-	13026	60 – 300	45 – 220	546.5	1.13
330TH	-	13027	60 – 330	45 – 250	658	1.37
400TH	-	13028	80 – 400	60 – 300	658	1.78

Production 'P' Type - 16mm Spigot

Model	Part No.	Range		Length	Weight
		N.m	lbf.ft	mm	Kg
60THP	11167	8 – 60	5 – 45	280	0.55
100THP	11143	20 – 100	15 – 80	320	0.6
200THP	11144	40 – 200	30 – 150	402	0.78
300THP	11117	60 – 300	45 – 220	640	1.13

Female Ended Production 'P' Type - 9 x 12mm & 14 x 18mm

Model	Part No.		Range		Length	Weight
	9x12	14x18	N.m	lbf.ft	mm	Kg
60THP	11170	-	8 – 60	5 – 45	280	0.55
100THP	11150	-	20 – 100	15 – 80	319	0.6
200THP	11151	11152	40 – 200	30 – 150	400/410	0.78
300THP	-	11153	60 – 300	45 – 220	528	1.13
400THP	-	13068	80 – 400	60 – 300	640	1.75

Available Fittings

See pages 28 & 29





End Cap Kit and Locking Tool
Part No. 11698



'P' Type wrenches have no scale. They must be set against a torque testing device such as Norbar's Professional Torque Tester (see page 68).



Professional Torque Wrench Production 'P' Types

'P' Type wrenches are designed for the production environment where they will be set and then dedicated to a particular application. There is no scale, the wrench must be set against a torque testing device such as Norbar's Professional Torque Tester (see page 68).

'P' Type wrenches are available with two ratchet types – 'Industrial' and 'Automotive' (see explanation on pages 18 and 19) and as 'Torque Handles' for interchangeable end fittings.

Ratchet Torque Wrench Production 'P' Type - Automotive Ratchet

Model	Square Drive	Part No.	Range		Ratchet Diameter	Engagements per revolution	Length	Weight
	in		N.m	lb.ft	mm		mm	Kg
60 'P'	3/8	11164	8 – 60	5 – 45	31	72	286	0.6
60 'P'	1/2	11171	8 – 60	5 – 45	31	72	286	0.6
100 'P'	3/8	11138	20 – 100	15 – 80	31	72	326	0.69
100 'P'	1/2	11139	20 – 100	15 – 80	31	72	326	0.69
200 'P'	1/2	11140	40 – 200	30 – 150	41	72	423	1.0

Ratchet Torque Wrench Production 'P' Type - Industrial Ratchet

Model	Square Drive	Part No.	Range		Ratchet Diameter	Engagements per revolution	Length	Weight
	in		N.m	lb.ft	mm		mm	Kg
60 'P'	3/8	13051	8 – 60	5 – 45	35	72	291	0.62
60 'P'	1/2	13052	8 – 60	5 – 45	40	72	299	0.69
100 'P'	3/8	13053	20 – 100	15 – 80	35	72	332	0.68
100 'P'	1/2	13054	20 – 100	15 – 80	40	72	338	0.74
200 'P'	1/2	13055	40 – 200	30 – 150	42	72	422	0.96
300 'P'	1/2	13057	60 – 300	45 – 220	49	60	663	1.45
400 'P'	3/4	13056	80 – 400	60 – 300	49	60	663	2.04