



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 |