

# HAND TORQUE WRENCHES

## PRE-SET CLICK-TYPE INDUSTRIAL WRENCHES

The Norbar Professional series torque wrenches combine excellent repeatability with a durable and ease of use design. Designed to meet the requirements of professional usage, clicking type torque wrenches exceed the requirements set by ISO6789.2017 standard for torque ranges with an accuracy that is better than  $\pm 3\%$ . Long, adjustable torque scale allows for fool proof and accurate setting while the locking mechanism prevents accidental adjustment of the wrench during operation. The wrenches are delivered with a traceable calibration certificate and in own robust carry case.

- | In ratcheting wrenches, the direction change depends on the model and is done either from the top of the ratchet or via a through-drive square.
- | Torque wrenches are also available with either a rounded cap or a rectangular fitting, and there is a wide selection of interchangeable wrench heads.
- | Even if the handle is oily, a special grip coating ensures a secure hold.
- | Ratcheting models above 1000 Nm and 1500 Nm are delivered with a lockable extension handle for increased leverage.
- | The wrenches are supplied in their own storage case.
- | Designed for industrial production applications and for cases where adjustability is not necessary. These wrenches lack an external scale, making them tamper-proof.



15047



14041



15112



14025

Item	Model	Drive / Spigot / Female End Fitting	Torque Range Nm	Ratchet ø mm	Lenght mm	Weight kg
<b>Reversible Ratchet</b>						
11164	60 P	3/8"	8 - 60	30	289	0,6
11171	60 P	1/2"	8 - 60	30	289	0,6
11138	100 P	3/8"	20 - 100	30	329	0,7
11139	100 P	1/2"	20 - 100	30	329	0,7
11140	200 P	1/2"	40 - 200	42	425	1,0
<b>Mushroom Head</b>						
13051	60 P	3/8"	8 - 60	36	295	0,6
13052	60 P	1/2"	8 - 60	42	301	0,7
13053	100 P	3/8"	20 - 100	36	335	0,7
13054	100 P	1/2"	20 - 100	42	342	0,7
13055	200 P	1/2"	40 - 200	45	425	1,0
13057	300 P	1/2"	60 - 300	54	668	1,2
13056	400 P	3/4"	80 - 400	52	675	2,0
14039	650 P	3/4"	130 - 650	61	848	4,0
14017	800 P	3/4"	200 - 800	75	1 030*	5,2
14018	800 P	1"	200 - 800	75	1 030*	5,2
14007	1000 P	3/4"	300 - 1 000	75	1 238*	5,7
14008	1000 P	1"	300 - 1 000	75	1 238*	5,7
14009	1500 P	3/4"	500 - 1 500	75	1 563*	6,7
14010	1500 P	1"	500 - 1 500	75	1 563*	6,7
<b>Spigot</b>						
11167	60 THP	16 mm	8 - 60	-	283	0,6
11143	100 THP	16 mm	20 - 100	-	324	0,6
11144	200 THP	16 mm	40 - 200	-	405	0,8
11117	300 THP	16 mm	60 - 300	-	643	1,1
14042	650 THP	22 mm	130 - 650	-	800	3,6
<b>Female End Fitting</b>						
11170	60 FTHP	9 x 12 mm	8 - 60	-	286	0,6
11150	100 FTHP	9 x 12 mm	20 - 100	-	326	0,6
11151	200 FTHP	9 x 12 mm	40 - 200	-	403	0,8
11152	200 FTHP	14 x 18 mm	40 - 200	-	414	0,8
11153	300 FTHP	14 x 18 mm	60 - 300	-	534	1,1
13068	400 FTHP	14 x 18 mm	80 - 400	-	652	1,8
14043	650 FTHP	14 x 18 mm	130 - 650	-	823	3,6

\*] With extension bar + 500 mm.



13051

11144

11153



Extension Bar