



ELECTRONIC SCREWDRIVER AND TORQUE WRENCHES

Norbar Torque Tools offers a range of high-precision electronic torque tools including a screwdriver and an extensive selection of torque wrenches to cover torque values from 0.45 to 800 N.m.

Many of the options in this section have the capability to connect to software that more easily manages data and configures settings. These highly accurate electronic torque and angle tools are the perfect solution for applications that require precision and control.

All Norbar torque wrenches (excluding screwdriver) are offered as standard with a quality ratchet. For applications where interchangeable end fittings are required, 'Torque Handles' which allow for interchangeable spanner fittings, are also available in various models.

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PROTRONIC® ELECTRONIC TORQUE WRENCHES



Large backlit LCD display

The ProTronic® is a high precision electronic torque wrench with a large backlit LCD display, that measures accurate and consistent torque readings. It also features an audible buzzer when pre-set torque/angle value is reached.

- Dual progressive LEDs positioned both sides of the wrench provide an easy visual representation of torque progress allowing the user to more easily anticipate torque target
- Large LCD screen with bright backlight; numbers become larger and bolder during active torque for optimal viewing
- Four alert modes (LCD, progressive LED, audible, vibration) provide excellent feedback in all working conditions
- 5 easily selectable torque units: N-m, lbf-ft, lbf-in, dN-m, kg-cm and kg-m (200 N-m and above)
- The ability to programme up to 10 pre-sets in the tool saves time in setting up frequently occurring applications
- A wide range of advanced features (cycle counter, customisable sleep timer, language selection, auto torque calculation for torque adaptors, calibration alerts, battery level indication, and numerous alert mode customisations) allow the user to tailor the tool to their work preferences
- Torque THEN Angle mode gives the user the ability to conveniently apply an angle to a fastener directly after achieving a torque target without the need to remove the torque wrench from the application
- Settings allow for operation in either English, Spanish, French, German, Italian, Dutch or Portuguese
- Power interruption technology helps to prevent loss of work and continuity if the wrench is impacted
- Patent pending built-in calibration factor feature allows different head lengths to be easily accommodated
- Handle designed for a comfortable and secure grip
- Battery cap has been designed to prevent accidental loosening
- Storage case included
- Supplied with a traceable 'Calibration Certificate' conforming with ISO 6789-2:2017, allowing end users to adhere to more stringent quality control processes

4	PROTRONIC
130517	ProTronic 100, 3/8", 5 - 100 N·m
130518	ProTronic 100, 1/2", 5 - 100 N·m
130519	ProTronic 200, 1/2", 10 - 200 N·m
130520	ProTronic 340, 1/2", 17 - 340 N·m



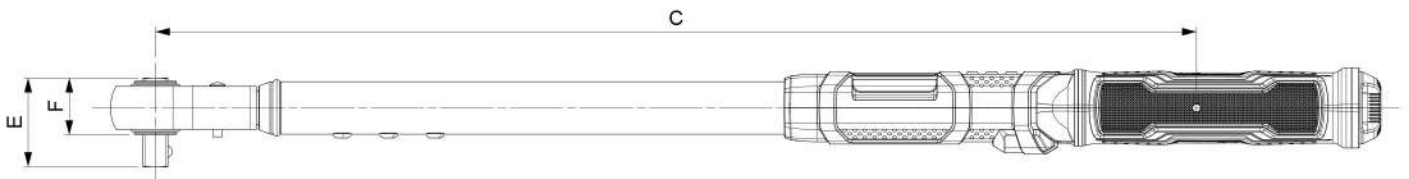
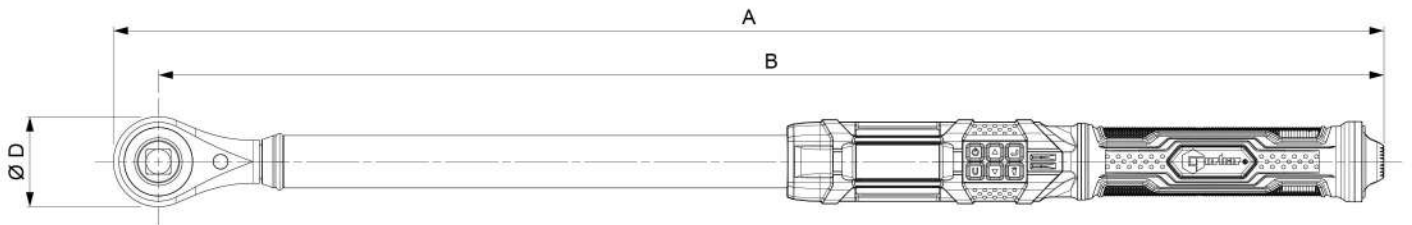
Dual progressive LEDs positioned both sides of the wrench provide an easy visual representation of torque progress



PROTRONIC® ELECTRONIC TORQUE WRENCHES



Model	ProTronic 100 ¾"	ProTronic 100 ½"	ProTronic 200 ½"	ProTronic 340 ½"	
Part Number	130517	130518	130519	130520	
Dimensions (mm)	A	458	462	650	749
	B	439	439	627	723
	C	344	344	533	629
	ØD	38	46	46	52
	E	34	45	45	45
	F	21	29	29	29
Weight (kg)	1.15	1.30	1.65	1.85	



- Accuracy of $\pm 2\%$ when operating between 20% to 100% of tool capacity.
- Angle accuracy of $\pm 1\%$ of reading, $\pm 1^\circ$ @ Angular Velocity $> 10^\circ/\text{Sec}$ $< 180^\circ/\text{Sec}$, $\pm 1^\circ$ for test fixture



PROTRONIC® PLUS ELECTRONIC TORQUE WRENCHES



ProTronic® Plus ratchets are detachable on models 100, 200 and 340 allowing for easy customisation from Norbar's huge range of fittings

The ProTronic® Plus retains all the features available in the ProTronic® standard versions and then adds more. Equipped with Bluetooth®, the ProTronic® Plus works alongside a specially created app that allows uploading of wrench configurations and logging of streamed torque and angle readings.

- Patent pending Torque AND angle combo modes allow the user to monitor torque and angle simultaneously
- Works alongside newly developed TorqApp™ designed for live streaming of readings as they are taken
- Dual progressive LEDs have additional settings allowing customisation to user preference
- Up to 50 pre-sets can be programmed into the tool. Preset lock feature allows the tool to be set-up with only these pre-sets available to the operator
- Sequence programming and job modes allows the user to chain together pre-sets in a particular sequence
- UKAS accredited torque calibration in both clockwise and counter-clockwise direction

4	PROTRONIC PLUS
130512	ProTronic Plus 100, 3/8", 5 - 100 N·m
130513	ProTronic Plus 100, 1/2", 5 - 100 N·m
130514	ProTronic Plus 200, 1/2", 10 - 200 N·m
130515	ProTronic Plus 340, 1/2", 17 - 340 N·m
130516	ProTronic Plus 800, 3/4", 40 - 800 N·m



ProTronic® Plus 100 shown with an open end fitting attached (not included)



Dual progressive LEDs positioned both sides of the wrench provide an easy visual representation of torque progress



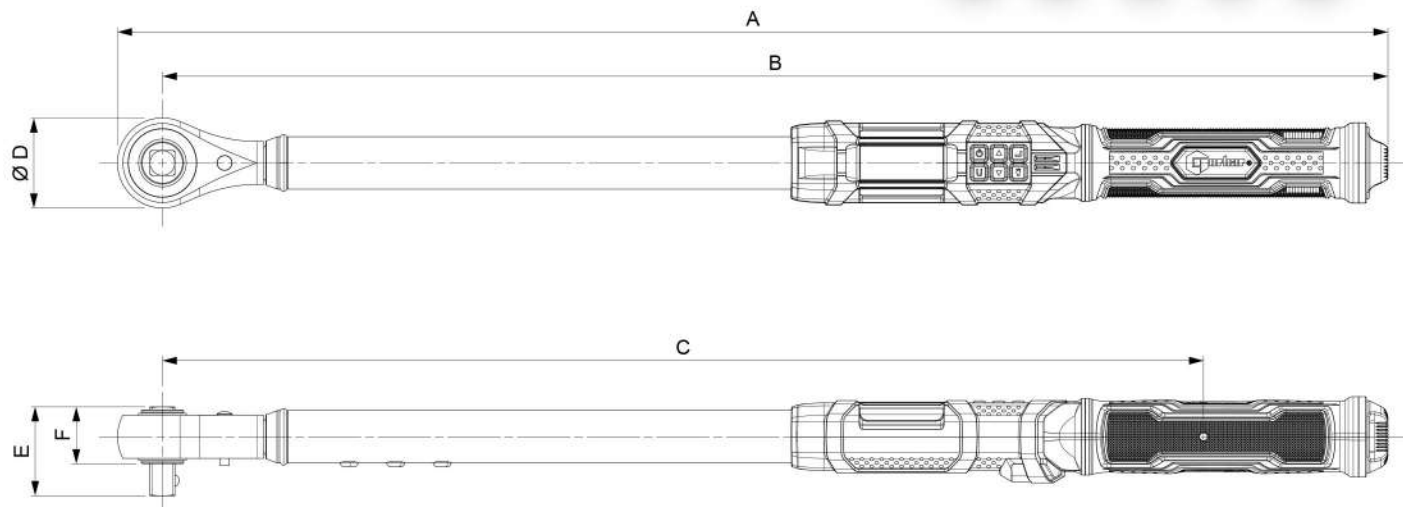
PROTRONIC® PLUS ELECTRONIC TORQUE WRENCHES



Large backlit LCD display



Model	ProTronic Plus 100 ½"	ProTronic Plus 100 ½"	ProTronic Plus 200 ½"	ProTronic Plus 340 ½"	ProTronic Plus 800 ¾"	
Part Number	130512	130513	130514	130515	130516	
Dimensions (mm)	A	458	462	650	749	1,264
	B	439	439	627	723	1,233
	C	344	344	533	629	1,138
	∅D	38	46	46	52	63
	E	34	45	45	45	55
	F	21	29	29	29	32
Weight (kg)	1.15	1.30	1.65	1.85	4.95	



- Accuracy of ±2% when operating between 20% to 100% of tool capacity.
- Accuracy of ±4% when operating between 5% to 19% of tool capacity, except for ProTronic® Plus 9, 10 and 30 where the counter clockwise accuracy between 5% to 19% will be 6%.
- Angle accuracy of ±1% of reading, ±1° @ Angular Velocity >10°/Sec < 180°/Sec, ±1° for test fixture

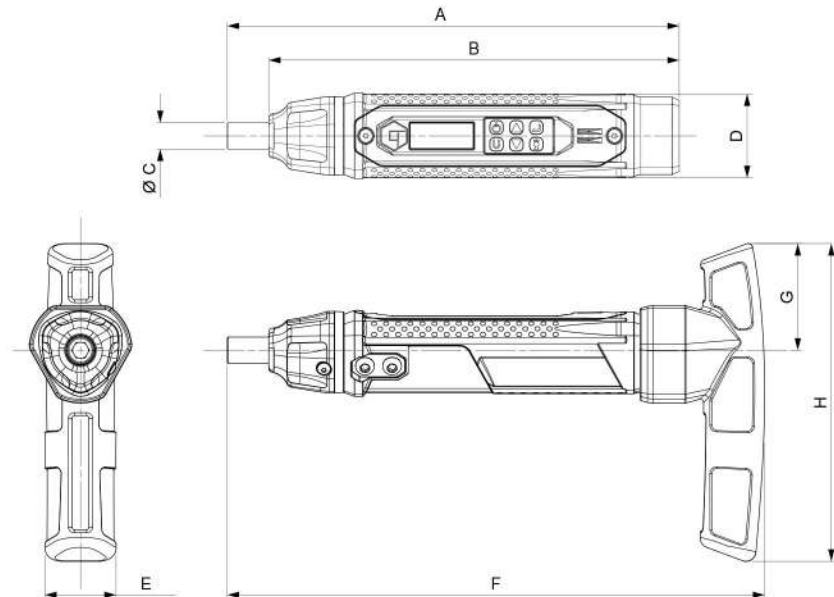


PROTRONIC® PLUS ELECTRONIC TORQUE SCREWDRIVER



4 PROTRONIC PLUS
130524 ProTronic Plus 9, ¼" Female Hex, 0.45 - 9 N-m

The ProTronic® Plus Screwdriver retains all the features of the ProTronic® standard and Plus Wrench in a smaller tool with flush fitted buttons to avoid accidental activation during use.



Model	ProTronic Plus 9 ¼"	
Part Number	130524	
Dimensions (mm)	A	190
	B	173
	C	11
	D	35
	E	30
	F	226
	G	44
	H	131
Weight (kg) without Handle	0.21	
Weight (kg) with handle	0.33	

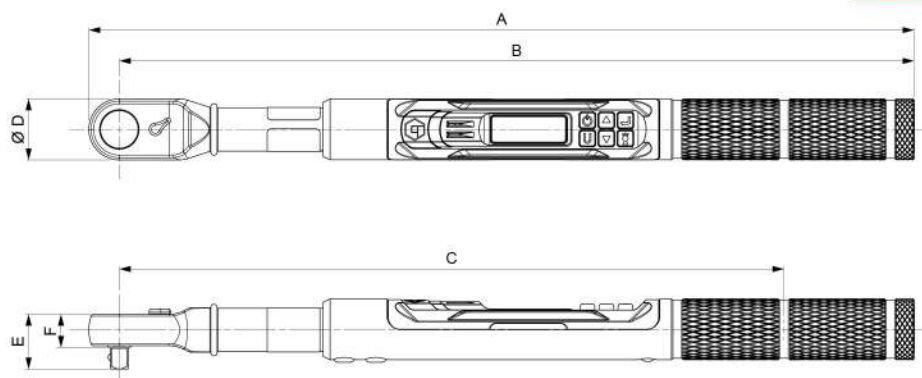


PROTRONIC® PLUS MODEL 10 AND MODEL 30



The ProTronic® Plus Model 10 and Model 30 retain all the features of the ProTronic® standard and Plus Wrench in a more compact design allowing for lower torque and access to more space limited applications.

4 PROTRONIC PLUS
 130522 ProTronic Plus 10, ¼", 0.5 - 10 N-m
 130523 ProTronic Plus 30, ¼", 1.5 - 30 N-m



Model	ProTronic Plus 10 ¼"	ProTronic Plus 30 ¼"
Part Number	130522	130523
Dimensions (mm)	A	282
	B	271
	C	234
	ØD	22
	E	20
	F	12
Weight (kg)	0.39	0.42



PROTRONIC® PLUS TORQAPP™



TorqApp™ is a free, mobile application that connects to ProTronic® Plus, allowing the user to intuitively change tool settings and download results. Currently available on Android and iOS.

- Intuitively change tool settings with ease directly from your device
- Instantly receive individually-completed results, with the ability to email these in .csv format quickly
- Monitor application data and progress in real time aiding the operator in keeping a track of bolting progress, particularly useful for sequenced/linked jobs
- Revisiting failed results when in sequence is easy
- Easily view, download or upload application and tool information for past results helping to keep a comprehensive record for traceability purposes



TorqApp™ can connect to any of these products 1 at a time





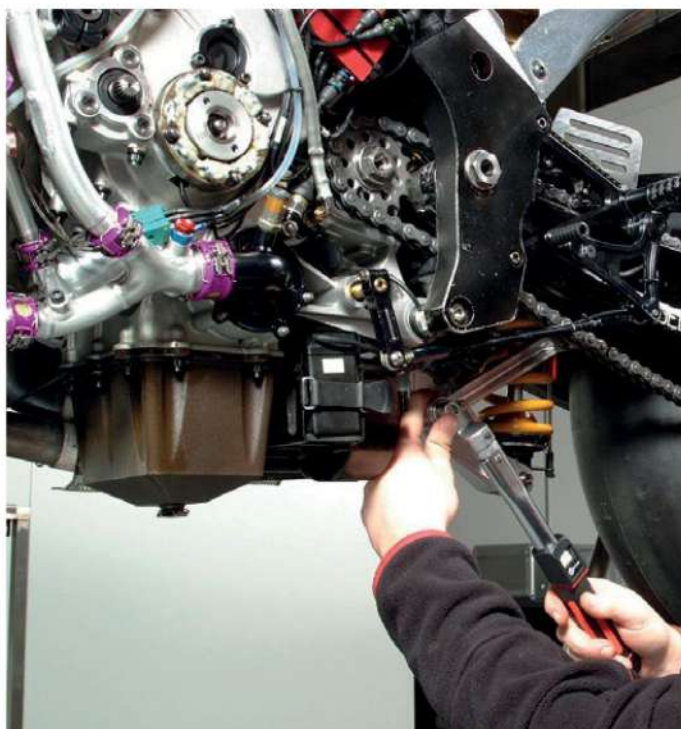
SPANNER END FITTINGS FOR 16 mm TORQUE HANDLES

See below for explanation of part numbers. Other sizes available on request – including bespoke ETO solutions.



2	OPEN ENDS METRIC	2	OPEN ENDS IMPERIAL
29841	7 mm, 9 N-m*	29701	¼", 7 N-m*
29842	8 mm, 13 N-m*	29702	⅜", 13 N-m*
29843	9 mm, 19 N-m*	29703	⅝", 21 N-m*
29844	10 mm, 25 N-m*	29704	⅞", 32 N-m*
29845	11 mm, 32 N-m*	29705	1½", 48 N-m*
29846	12 mm, 41 N-m*	29706	⅞", 67 N-m*
29847	13 mm, 51 N-m*	29707	⅝", 90 N-m*
29848	14 mm, 63 N-m*	29708	1½", 118 N-m*
29849	15 mm, 77 N-m*	29709	¾", 150 N-m*
29850	16 mm, 92 N-m*	29710	1⅜", 187 N-m*
29851	17 mm, 107 N-m*	29711	⅞", 230 N-m*
29876	18 mm, 128 N-m*	29712	1⅝", 281 N-m*
29877	19 mm, 149 N-m*	29713	1", 330 N-m*
29852	20 mm, 172 N-m*	29714	1 ⅜", 330 N-m*
29853	21 mm, 198 N-m*	29715	1 ⅝", 330 N-m*
29854	22 mm, 225 N-m*	29716	1 ⅞", 330 N-m*
29855	23 mm, 255 N-m*	29717	1 ¼", 330 N-m*
29856	24 mm, 287 N-m*	29718	1 ⅝", 330 N-m*
29857	25 mm, 322 N-m*		
29858	26 mm, 330 N-m*		
29878	27 mm, 330 N-m*		
29860	29 mm, 330 N-m*		
29861	30 mm, 330 N-m*		
29863	32 mm, 330 N-m*		
297100	36 mm, 330 N-m*		

2	RING ENDS METRIC	2	RING ENDS IMPERIAL
29881	7 mm, 25 N-m*	29726	¼", 25 N-m*
29882	8 mm, 35 N-m*	29727	⅜", 35 N-m*
29883	9 mm, 45 N-m*	29728	⅝", 42 N-m*
29884	10 mm, 52 N-m*	29729	⅞", 73 N-m*
29885	11 mm, 73 N-m*	29730	1½", 115 N-m*
29886	12 mm, 89 N-m*	29731	⅞", 170 N-m*
29887	13 mm, 107 N-m*	29732	⅝", 226 N-m*
29888	14 mm, 128 N-m*	29733	1½", 260 N-m*
29889	15 mm, 150 N-m*	29734	¾", 305 N-m*
29890	16 mm, 175 N-m*	29735	1⅜", 330 N-m*
29891	17 mm, 201 N-m*	29736	⅞", 330 N-m*
29913	18 mm, 230 N-m*	29737	1⅝", 330 N-m*
29914	19 mm, 261 N-m*	29738	1", 330 N-m*
29892	20 mm, 294 N-m*	29739	1 ⅜", 330 N-m*
29893	21 mm, 330 N-m*		
29894	22 mm, 330 N-m*		
29895	23 mm, 330 N-m*		
29896	24 mm, 330 N-m*		
29915	27 mm, 330 N-m*		



2	FLARE ENDS METRIC
29921	7 mm, 7 N-m*
29922	8 mm, 6 N-m*
29923	9 mm, 5 N-m*
29924	10 mm, 26 N-m*
29926	12 mm, 13 N-m*
29927	13 mm, 34 N-m*
29928	14 mm, 24 N-m*
29929	15 mm, 18 N-m*
29930	16 mm, 66 N-m*
29953	18 mm, 45 N-m*
29954	19 mm, 80 N-m*
29932	20 mm, 60 N-m*
29933	21 mm, 43 N-m*
29934	22 mm, 172 N-m*
29935	23 mm, 153 N-m*
29936	24 mm, 118 N-m*
29955	27 mm, 76 N-m*

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



SPANNER END FITTINGS FOR 22 mm TORQUE HANDLES

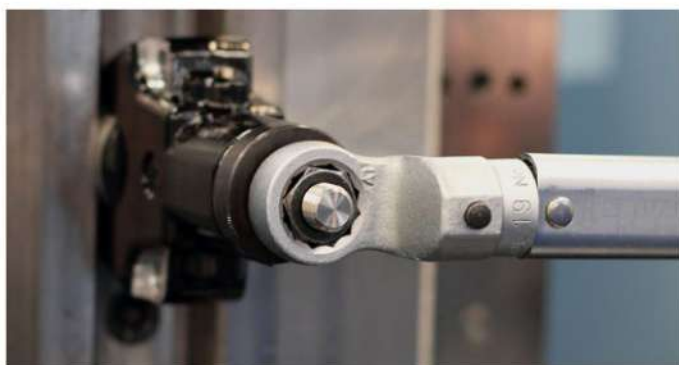
See below for explanation of part numbers. Other sizes available on request – including bespoke ETO solutions.



2	OPEN ENDS METRIC
29963.22	22 mm Open End, Max 225 N-m
29963.24	24 mm Open End, Max 287 N-m
29963.30	30 mm Open End, Max 536 N-m
29963.32	32 mm Open End, Max 550 N-m
29963.36	36 mm Open End, Max 550 N-m
29963.41	41 mm Open End, Max 550 N-m
29963.46	46 mm Open End, Max 550 N-m



2	RING ENDS METRIC
29960.22	22 mm Ring End, Max 367 N-m
29960.24	24 mm Ring End, Max 450 N-m
29960.27	27 mm Ring End, Max 550 N-m
29960.30	30 mm Ring End, Max 550 N-m
29960.32	32 mm Ring End, Max 550 N-m
29960.36	36 mm Ring End, Max 550 N-m
29960.41	41 mm Ring End, Max 550 N-m
29960.46	46 mm Ring End, Max 550 N-m



SPIGOT ACCESSORIES



2	16 mm SPIGOT ACCESSORIES
44509	3/8" Ratchet with Push-through square
29825	1/2" Ratchet with Push-through square
44510	1/2" Ratchet with Push-through square for NorTronic
29828	3/8" Fixed Square Drive
29827	1/2" Fixed Square Drive
29829	3/8" Reversible Ratchet Head
29830	1/2" Reversible Ratchet Head
29832	Blank End Fitting
85242	Blank End Fitting for Open End
11343	Blank End Fitting for Ring End
72000	Spigot Adaptor 16 mm female to 22 mm male



2	22 mm SPIGOT ACCESSORIES
29969	3/4" Square Drive Fixed Head
29972	3/4" Ratchet with Push-through square
85719	Blank End Fitting for Open End
85720	Blank End Fitting for Ring End





LARGE SPANNER END FITTINGS FOR 16 mm SPIGOT TORQUE HANDLES UP TO 300 N·m

See below for explanation of part numbers. Other sizes available on request – including bespoke ETO solutions.



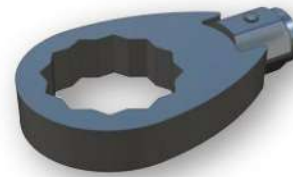
2	OPEN OFFSET METRIC 16 mm	2	OPEN OFFSET IMPERIAL 16 mm
29218.OO.Mxx	30 - 80 mm	29218.OO.lxx	1 3/16" - 3 1/4"



2	OPEN INLINE METRIC 16 mm	2	OPEN INLINE IMPERIAL 16 mm
29218.OI.Mxx	30 - 80 mm	29218.OI.lxx	1 3/16" - 3 1/4"



2	RING OFFSET METRIC 16 mm	2	RING OFFSET IMPERIAL 16 mm
29218.RO.Mxx	30 - 80 mm	29218.RO.lxx	1 3/16" - 3 1/4"



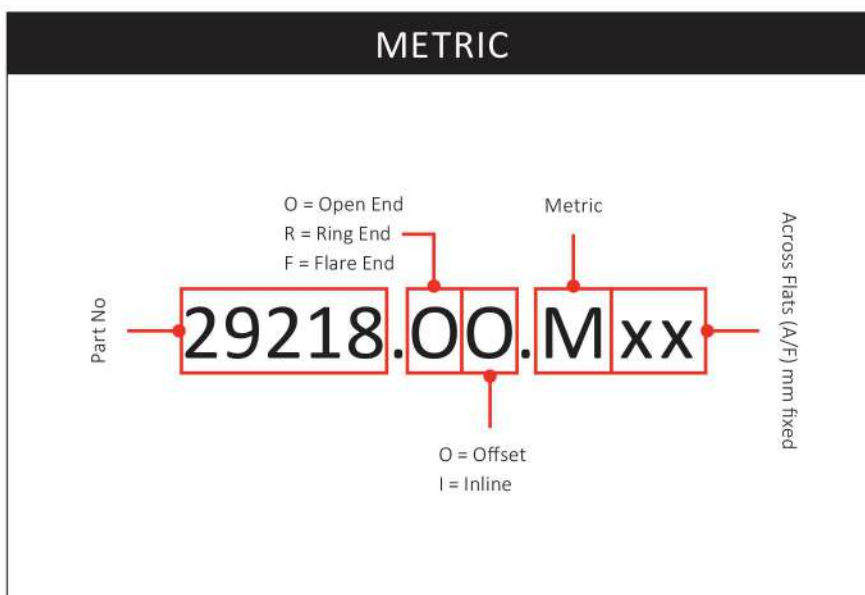
2	RING INLINE METRIC 16 mm	2	RING INLINE IMPERIAL 16 mm
29218.RI.Mxx	30 - 80 mm	29218.RI.lxx	1 3/16" - 3 1/4"



2	FLARE OFFSET METRIC 16 mm	2	FLARE OFFSET IMPERIAL 16 mm
29218.FO.Mxx	11 - 80 mm	29218.FO.lxx	1 3/16" - 3 1/4"



2	FLARE INLINE METRIC 16 mm	2	FLARE INLINE IMPERIAL 16 mm
29218.FI.Mxx	30 - 80 mm	29218.FI.lxx	1 3/16" - 3 1/4"





LARGE SPANNER END FITTINGS FOR 22 mm SPIGOT TORQUE HANDLES UP TO 650 N·m

See below for explanation of part numbers. Other sizes available on request – including bespoke ETO solutions.



2	OPEN OFFSET METRIC 22 mm	2	OPEN OFFSET IMPERIAL 22 mm
29219.OO.Mxx	30 - 80 mm	29219.OO.lxx	1 3/16" - 3 1/4"



2	OPEN INLINE METRIC 22 mm	2	OPEN INLINE IMPERIAL 22 mm
29219.OI.Mxx	30 - 80 mm	29219.OI.lxx	1 3/16" - 3 1/4"



2	RING OFFSET METRIC 22 mm	2	RING OFFSET IMPERIAL 22 mm
29219.RO.Mxx	30 - 80 mm	29219.RO.lxx	1 3/16" - 3 1/4"



2	RING INLINE METRIC 22 mm	2	RING INLINE IMPERIAL 22 mm
29219.RI.Mxx	30 - 80 mm	29219.RI.lxx	1 3/16" - 3 1/4"

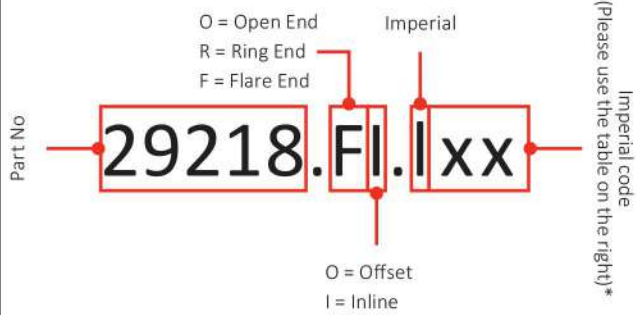


2	FLARE OFFSET METRIC 22 mm	2	FLARE OFFSET IMPERIAL 22 mm
29219.FO.Mxx	30 - 80 mm	29219.FO.lxx	1 3/16" - 3 1/4"



2	FLARE INLINE METRIC 22 mm	2	FLARE INLINE IMPERIAL 22 mm
29219.FI.Mxx	30 - 80 mm	29219.FI.lxx	1 3/16" - 3 1/4"

IMPERIAL



IMPERIAL A/F	CODE	IMPERIAL A/F	CODE	IMPERIAL A/F	CODE
1 3/16"	19	1 15/16"	31	2 11/16"	43
1 1/4"	20	2"	32	2 3/4"	44
1 5/16"	21	2 1/16"	33	2 13/16"	45
1 3/8"	22	2 1/8"	34	2 7/8"	46
1 7/16"	23	2 3/16"	35	2 15/16"	47
1 1/2"	24	2 1/4"	36	3"	48
1 9/16"	25	2 5/16"	37	3 1/16"	49
1 5/8"	26	2 3/8"	38	3 1/8"	50
1 11/16"	27	2 7/16"	39	3 3/16"	51
1 3/4"	28	2 1/2"	40	3 1/4"	52
1 13/16"	29	2 9/16"	41		
1 7/8"	30	2 5/8"	42		

*Example: 1 7/8" open inline for 22 mm Spigot = 29219.OI.I30



Accredited Calibration Laboratory No. 0256

The hallmark of Norbar’s high standard of workmanship is clearly seen in the fact that we were the first torque equipment manufacturer to have an in-house UKAS accredited calibration laboratory. We have no intention of resting on our laurels and take pride that we still provide the most comprehensive service available, ensuring we evolve to continue to meet your needs.

Norbar’s laboratory has approval for torques between 0.005 and 108,500 N·m and operates to BS EN ISO/IEC 17025:2017, which sets standards for the technical competence of the laboratory. This should not be confused with laboratories claiming ISO 9001 which relates only to a laboratory’s quality management systems.

The part numbers shown below are for a comprehensive calibration, for all new torque screwdrivers and torque wrenches up to the maximum capacity shown.

Please see page 127 for Norbar's After Sales Service.

12	ONE DIRECTION
TWCC4.CW	Up to 400 N·m / 300 lbf·ft
TWCC5.CW	Up to 1,000 N·m / 750 lbf·ft
TWCC6.CW	Up to 3,000 N·m / 2,200 lbf·ft

12	TWO DIRECTIONS
TWCC4.CW+CCW	Up to 400 N·m / 300 lbf·ft
TWCC5.CW+CCW	Up to 1,000 N·m / 750 lbf·ft
TWCC6.CW+CCW	Up to 3,000 N·m / 2,200 lbf·ft

