



INDUSTRIAL TORQUE WRENCHES ADJUSTABLE & 'P' TYPE - NEW GENERATION



4AR-N shown split in case

Packed dimensions:3AR-N to 5R-N
970 x 260 x 95 mm5AR-N & 6R-N
1,172 x 243 x 91 mm
(L x W x H)

A long-time customer favourite for their unmistakable signal and robustness but now simple to accurately set and split for ease of storage and transportation.

- Unique profiled cam and reaction plate - gives clear torque break point reducing the possibility of over-torquing
- Robust construction gives accurate results to $\pm 4\%$ even in arduous working conditions, meeting the requirements of ISO 6789-1:2017
- Easy to read scale is shielded from dust, dirt and spray
- Easy to set accurately
- Can be split and packed in two parts for a smaller, easier to transport package
- Push-through ratchet allows two direction torquing
- Designed to be cost effectively serviced
- New handle - more comfortable and guides operator's hand to correct position



2	RATCHET ADJUSTABLE - DUAL SCALE
120101	3AR-N, $\frac{3}{4}$ ", 120 - 600 N·m, 100 - 450 lbf·ft
120101.01	3AR-N, 1", 120 - 600 N·m, 100 - 450 lbf·ft
120110	4AR-N, $\frac{3}{4}$ ", 200 - 800 N·m, 150 - 600 lbf·ft
120110.01	4AR-N, 1", 200 - 800 N·m, 150 - 600 lbf·ft
120115	5R-N, $\frac{3}{4}$ ", 300 - 1,000 N·m, 200 - 750 lbf·ft
120115.01	5R-N, 1", 300 - 1,000 N·m, 200 - 750 lbf·ft
120118	5AR-N, $\frac{3}{4}$ ", 700 - 1,500 N·m, 500 - 1,000 lbf·ft
120118.01	5AR-N, 1", 700 - 1,500 N·m, 500 - 1,000 lbf·ft
120120	6R-N, 1", 900 - 2,000 N·m, 700 - 1,500 lbf·ft

2	RATCHET ADJUSTABLE - N·m ONLY
120107	3AR-N, $\frac{3}{4}$ ", 120 - 600 N·m
120107.01	3AR-N, 1", 120 - 600 N·m
120114	4AR-N, $\frac{3}{4}$ ", 200 - 800 N·m
120114.01	4AR-N, 1", 200 - 800 N·m
120117	5R-N, $\frac{3}{4}$ ", 300 - 1,000 N·m
120117.01	5R-N, 1", 300 - 1,000 N·m
120119	5AR-N, $\frac{3}{4}$ ", 700 - 1,500 N·m
120119.01	5AR-N, 1", 700 - 1,500 N·m
120121	6R-N, 1", 900 - 2,000 N·m

2	TORQUE HANDLE ADJUSTABLE - DUAL SCALE
120102	3AR-N, 22 mm Spigot, 120 - 600 N·m, 100 - 450 lbf·ft

2	TORQUE HANDLE ADJUSTABLE - N·m ONLY
120108	3AR-N, 22 mm Spigot, 120 - 600 N·m



2	RATCHET PRODUCTION 'P' TYPE (Must be set using a Torque Tester, see pages 90 - 97)
120104	3AR-N, $\frac{3}{4}$ ", 120 - 600 N·m, 100 - 450 lbf·ft
120104.01	3AR-N, 1", 120 - 600 N·m, 100 - 450 lbf·ft
120111	4AR-N, $\frac{3}{4}$ ", 200 - 800 N·m, 150 - 600 lbf·ft
120111.01	4AR-N, 1", 200 - 800 N·m, 150 - 600 lbf·ft
120116	5R-N, $\frac{3}{4}$ ", 300 - 1,000 N·m, 200 - 750 lbf·ft
120116.01	5R-N, 1", 300 - 1,000 N·m, 200 - 750 lbf·ft
120130	5AR-N, $\frac{3}{4}$ ", 700 - 1,500 N·m, 500 - 1,000 lbf·ft
120130.01	5AR-N, 1", 700 - 1,500 N·m, 500 - 1,000 lbf·ft

2	TORQUE HANDLE PRODUCTION 'P' TYPE (Must be set using a Torque Tester, see pages 90 - 97)
120105	3AR-N, 22 mm Spigot, 120 - 600 N·m, 100 - 450 lbf·ft

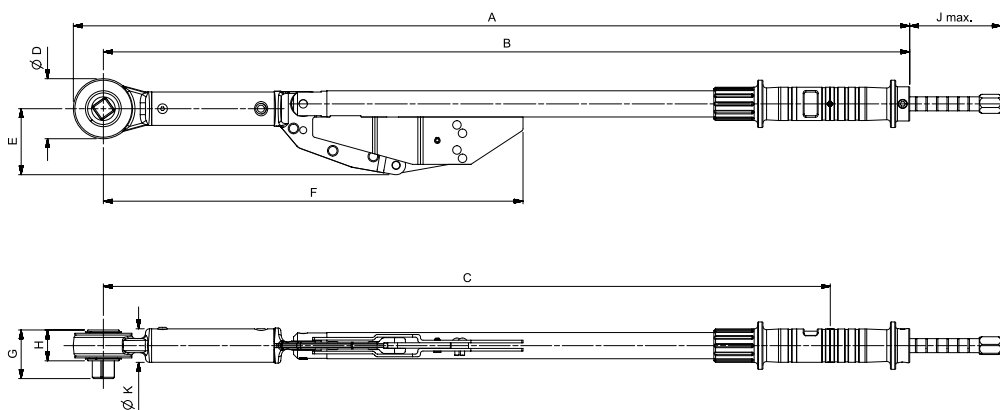


INDUSTRIAL TORQUE WRENCHES ADJUSTABLE AND 'P' TYPE - NEW GENERATION



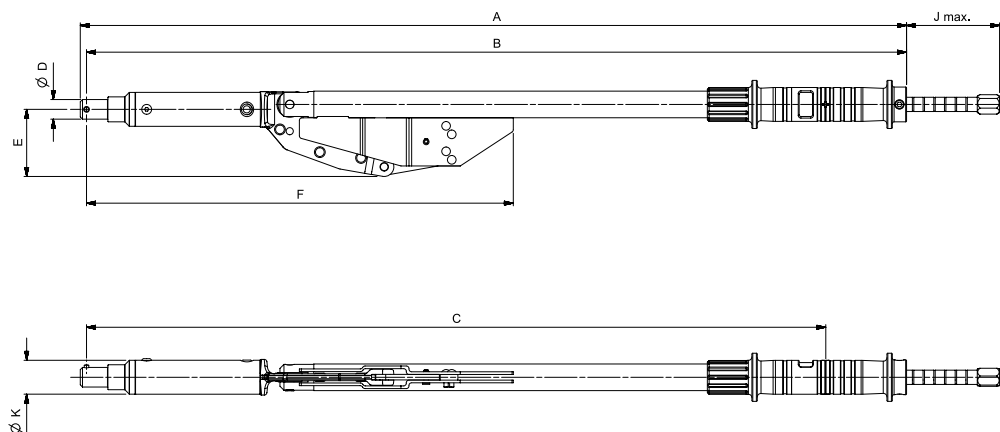
Industrial Push-Through Ratchets

Model	3AR-N	3AR-N 'P' Type	4AR-N	4AR-N 'P' Type	5R-N	5R-N 'P' Type	5AR-N	5AR-N 'P' Type	6R-N
Part Number	120101 120101.01 120107 120107.01	120104 120104.01	120110 120110.01 120114 120114.01	120111 120111.01	120115 120115.01 120117 120117.01	120116 120116.01	120118 120118.01 120119 120119.01	120130 120130.01	120120 120121
Dimensions (mm)	A	954	954	1,214	1,214	1,449	1,449	1,764	1,855
	B	920	920	1,180	1,180	1,415	1,224	1,730	1,820
	C	829	829	1,089	1,089	1,324	1,324	1,635	1,773
	ØD	69	69	69	69	69	69	69	69
	E	75	75	75	75	75	75	75	75
	F	479	479	738	738	974	974	1,379	1,379
	G	¾" = 55 1" = 63	¾" = 55 1" = 63	¾" = 55 1" = 63	¾" = 55 1" = 63	¾" = 55 1" = 63	¾" = 55 1" = 63	¾" = 55 1" = 63	63
	H	35	35	35	35	35	35	35	35
	J max.	105	18	105	18	105	18	105	85
Weight (kg)	6.0	6.0	6.7	6.7	7.4	7.4	9.6	9.6	12.75



Spigot Torque Handle

Model	3AR-N	3AR-N 'P' Type
Part Number	120102 120108	120105
Dimensions (mm)	A	927
	B	920
	C	829
	ØD	22
	E	75
	F	479
	J max.	105
Weight (kg)	6.0	5.3



Design Nos. 182086 and 182087 (Canada); Design Nos. 004671063-0001 and 004671063-0002 (EU); Design Nos. D863904 and D871870 (USA)



INDUSTRIAL TORQUE WRENCH - BI-SQUARE



The 1 1/16" Bi-square version of the Industrial Torque Wrench was developed specifically with rail track maintenance in mind. The critical need of the rail industry is to reduce the chance of any object being left on the track. Fitting directly onto rail fishplate bolts means that no socket or square drive is required, two components that could potentially be separated from the regular version of the Industrial Torque Wrench.

Other versions of this tool are available on request.

2	BI-SQUARE - DUAL SCALE
12026	1 1/16" Bi-Square, 300 - 1,000 N·m, 200 - 750 lbf·ft

ELECTRODE WRENCHES



For torque tightening of carbon electrodes

Standard torque settings are shown. Other settings are available. The 8" diameter electrode wrench uses the Professional torque handle as the control mechanism. Above 8" the Industrial wrench is used as the control mechanism.

9	LOW RANGE
12506	8" (200 mm) 312 N·m
12530	10" (250 mm) 542 N·m
12531	12" (300 mm) 780 N·m

Other models available on request.

9	HIGH RANGE
12532	14" (350 mm) 1,140 N·m
12533	16" (400 mm) 1,300 N·m
12535	18" (450 mm) 1,500 N·m
12536	20" (500 mm) 2,000 N·m
12537	22" (550 mm) 2,370 N·m
12538	24" (600 mm) 2,370 N·m
12538.HD	24" (600 mm) 3,200 N·m

Model		8" (200 mm)	10" (250 mm)	12" (300 mm)	14" (350 mm)	16" (400 mm)	18" (450 mm)	20" (500 mm)	22" (550 mm)	24" (600 mm)	24" (600 mm)
Part Number		12506	12530	12531	12532	12533	12535	12536	12537	12538	12538.HD
Dimensions (mm)	A	897	1,150	1,286	1,764	1,825	1,727	2,211	2,571	2,069	3,350
	B	159	194	239	288	299	336	386	398	424	446
	C	658	883	994	1,443	1,472	1,643	1,811	2,141	2,140	2,885
Weight (kg)		3.2	6.8	8.4	13.8	14.3	16.5	20.0	25.4	26.1	31.7

