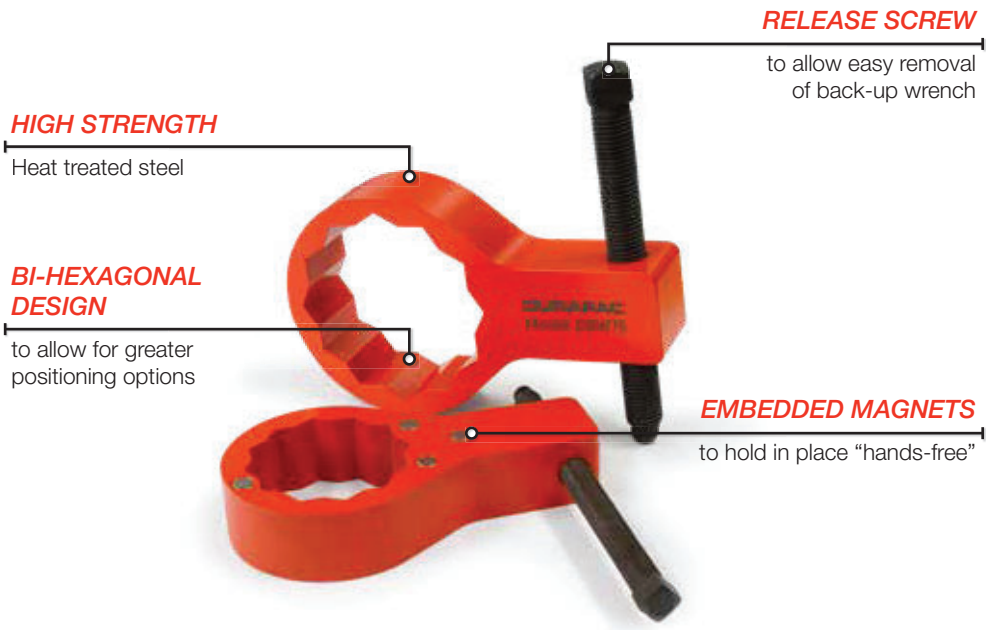


THE **DBW-SERIES** BACK-UP WRENCHES ALLOW FOR A HANDS-FREE OPERATION THAT STOP THE OPPOSITE SIDE OF A NUT OR BOLT ROTATING DURING HIGH TORQUE INSTALLATION OR REMOVAL OF THE FASTENER.

The back-up wrenches are held in place with embedded magnets, this allows hands to remain clear of any pinch points or high force areas. Once the fastener is tight, the back-up wrench can be safely removed with no residual load by releasing the release screw. Extensively used with ANSI and API flanges, it can also be used in any bolting application that involves nuts, bolt heads & studs. Special designs / sizes available on request.





DBW RANGE METRIC
16 - 145 mm

DBW RANGE IMPERIAL
5/8" - 5-3/4"

MAXIMUM OPERATING RANGE
56 - 67,532 Nm

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BOLTING SOLUTIONS

Metric Model	Metric Nut Size (mm)	Imperial Model	Imperial Nut Size (inch)	Centre Axis to Tool End Length (mm)	Thickness (mm)	Max. Load (Nm)	Release Screw Size
DBW16	16	DBW0-5/8"	5/8"	45	12	56	M8
DBW20	20	DBW0-13/16"	13/16"	60	12	100	M8
DBW24	24	DBW0-15/16"	15/16"	75	14	254	M8
DBW27	27	DBW1-1/16"	1-1/16"	75	14	349	M8
DBW30	30	DBW1-3/16"	1-3/16"	80	19	490	M10
DBW32	32	DBW1-1/4"	1-1/4"	85	19	726	M10
DBW36	36	DBW1-7/16"	1-7/16"	85	19	845	M10
DBW41	41	DBW1-5/8"	1-5/8"	100	24	1,153	M12
DBW46	46	DBW1-13/16"	1-13/16"	100	24	1,696	M12
DBW50	50	DBW2"	2"	105	29	2,128	M12
DBW55	55	DBW2-3/16"	2-3/16"	105	29	2,955	M12
DBW58	58	DBW2-1/4"	2-1/4"	115	34	2,955	M16
DBW60	60	DBW2-3/8"	2-3/8"	115	34	3,541	M16
DBW65	65	DBW2-9/16"	2-9/16"	115	34	4,742	M16
DBW70	70	DBW2-3/4"	2-3/4"	115	34	5,469	M16
DBW75	75	DBW2-15/16"	2-15/16"	120	34	7,158	M16
DBW80	80	DBW3-1/8"	3-1/8"	120	38	9,220	M20
DBW85	85	DBW3-1/2"	3-1/2"	120	38	11,476	M20
DBW90	90	DBW3-11/16"	3-11/16"	120	38	14,295	M20
DBW95	95	DBW3-7/8"	3-7/8"	125	40	17,148	M20
DBW100	100	DBW4"	4"	125	40	20,954	M20
DBW105	105	DBW4-1/8"	4-1/8"	130	40	24,824	M20
DBW110	110	DBW4-1/4"	4-1/4"	130	40	29,813	M20
DBW115	115	DBW4-1/2"	4-1/2"	135	45	33,167	M24
DBW120	120	DBW4-5/8"	4-5/8"	140	45	39,159	M24
DBW130	130	DBW5"	5"	145	50	42,423	M24
DBW135	135	DBW5-3/8"	5-3/8"	150	50	48,306	M24
DBW145	145	DBW5-3/4"	5-3/4"	155	55	67,532	M24