

NORBAR TORQUE TOOLS HYDRAULIC TOOL CALIBRATION FIXTURE



- A robust device for accurate testing of hydraulic torque wrenches
- The system comprises of a calibration fixture and transducer including harsh environment options
- Fixture capacities up to 80,000 N·m available
- Suits a wide range of hydraulic wrenches
- Interchangeable stainless steel square and round reaction posts
- Bearing support in the fixture gives improved transducer accuracy
- Robust and portable
- Wide range of hexagonal square adaptors available for hexagon link wrenches

HYDRAULIC TOOL CALIBRATION FIXTURES

PART NUMBER	CAPACITY	SQUARE DRIVE
80026	7000 N·m	1 ½"
80022	50000 N·m	2 ½"
80023	80000 N·m	3 ½"

TRANSDUCERS

PART NUMBER	DESCRIPTION	FOR USE WITH
50703.xxx	250 - 2500 N·m 1 ½" sq. dr.	80026
50704.xxx	250 - 2500 lbf·ft 1 ½" sq. dr.	80026
50791.xxx	300 - 3000 N·m 1 1/2" sq. dr.	80026
50599.xxx	500 - 5000 N·m 1 ½" sq. dr.	80026
50630.xxx	500 - 5000 lbf·ft 1 ½" sq. dr.	80026
50669.xxx	700 - 7000 N·m 1 ½" sq. dr.	80026
50776.xxx	1000 - 10000 N·m 2 ½" sq. dr.	80022
50777.xxx	1000 - 10000 lbf·ft 2 ½" sq. dr.	80022
50797.xxx	2500 - 25000 N·m 2 ½" sq. dr.	80022
50798.xxx	2500 - 25000 lbf·ft 2 ½" sq. dr.	80022
50799.xxx	3000 - 30000 lbf·ft 2 ½" sq. dr.	80022
50781.xxx	5000 - 50000 N·m 2 ½" sq. dr.	80022
50782.xxx	6000 - 60000 lbf·ft 3 ½" sq. dr.	80023
50783.xxx	8000 - 80000 N·m 3 ½" sq. dr.	80023

NOTE: Norbar can also supply the torque measuring instrument and transducer cable.



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SLEEVE ADAPTORS

PART NUMBER	MALE SQUARE	FEMALE SQUARE	MAX TORQUE
86034.4	1 1/2"	3/4"	1200 N·m
21214	1 1/2"	1"	3500 N·m
29617	2 1/2"	1 1/2"	10500 N·m
29618	3 1/2"	2 1/2"	50000 N·m



HEXAGON TO SQUARE ADAPTORS - METRIC

PART NUMBER	HEXAGON SIZE	SQUARE SIZE	MAX TORQUE
29619.24	24mm	1 1/2"	3000 N·m
29619.27	27mm	1 1/2"	4000 N·m
29619.30	30mm	1 1/2"	4000 N·m
29619.32	32mm	1 1/2"	4900 N·m
29619.36	36mm	1 1/2"	7000 N·m
29619.41	41mm	1 1/2"	8700 N·m
29619.46	46mm	1 1/2"	8700 N·m
29619.50	50mm	1 1/2"	8700 N·m
29619.55	55mm	1 1/2"	8700 N·m
29619.60	60mm	1 1/2"	8700 N·m
29619.65	65mm	1 1/2"	8700 N·m
29619.70	70mm	1 1/2"	8700 N·m
29619.75	75mm	1 1/2"	8700 N·m
29619.80	80mm	1 1/2"	8700 N·m
29620.50	50mm	2 1/2"	18500 N·m

PART NUMBER	HEXAGON SIZE	SQUARE SIZE	MAX TORQUE
29620.55	55mm	2 1/2"	25000 N·m
29620.60	60mm	2 1/2"	32000 N·m
29620.65	65mm	2 1/2"	36000 N·m
29620.70	70mm	2 1/2"	36000 N·m
29620.75	75mm	2 1/2"	36000 N·m
29620.80	80mm	2 1/2"	59000 N·m
29620.85	85mm	2 1/2"	59000 N·m
29620.90	90mm	2 1/2"	59000 N·m
29620.95	95mm	2 1/2"	59000 N·m
29620.100	100mm	2 1/2"	52000 N·m
29620.105	105mm	2 1/2"	52000 N·m
29620.110	110mm	2 1/2"	52000 N·m
29620.115	115mm	2 1/2"	52000 N·m
29620.130	130mm	2 1/2"	52000 N·m



HEXAGON TO SQUARE ADAPTORS - IMPERIAL

PART NUMBER	HEXAGON SIZE	SQUARE SIZE	MAX TORQUE
29623.I20	1 1/4"	1 1/2"	4900 N·m
29623.I23	1 7/16"	1 1/2"	7000 N·m
29623.I26	1 5/8"	1 1/2"	8700 N·m
29623.I29	1 13/16"	1 1/2"	8700 N·m
29623.I32	2"	1 1/2"	8700 N·m
29623.I35	2 3/16"	1 1/2"	8700 N·m
29623.I38	2 3/8"	1 1/2"	8700 N·m
29623.I41	2 9/16"	1 1/2"	8700 N·m
29624.I35	2 3/16"	2 1/2"	25000 N·m
29624.I38	2 3/8"	2 1/2"	32000 N·m
29624.I41	2 9/16"	2 1/2"	36000 N·m

PART NUMBER	HEXAGON SIZE	SQUARE SIZE	MAX TORQUE
29624.I44	2 3/4"	2 1/2"	36000 N·m
29624.I47	2 15/16"	2 1/2"	36000 N·m
29624.I50	3 1/8"	2 1/2"	59000 N·m
29624.I56	3 1/2"	2 1/2"	59000 N·m
29624.I62	3 7/8"	2 1/2"	52000 N·m
29624.I68	4 1/4"	2 1/2"	52000 N·m
29624.I74	4 5/8"	2 1/2"	52000 N·m
29624.I80	5"	2 1/2"	52000 N·m
29624.I86	5 3/8"	2 1/2"	52000 N·m
29624.I98	6 1/8"	2 1/2"	52000 N·m



NOTE: Special 'Engineer to Order' hexagon and square adaptors available on request.



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