

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.



UNITED KINGDOM
 Tel + 44 (0)1295 753600
 Email enquiry@norbar.com



AUSTRALIA
 Tel + 61 (0)8 8292 9777
 Email enquiry@norbar.com.au



USA
 Tel + 1 866 667 2272
 Email inquiry@norbar.us



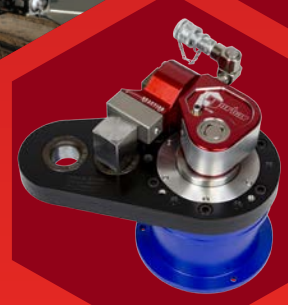
SINGAPORE
 Tel + 65 6841 1371
 Email enquires@norbar.sg



CHINA
 Tel + 86 21 6145 0368
 Email sales@norbar.com.cn



INDIA
 Tel + 91 22 2778 8480
 Email enquiry@norbar.in



NORBAR TORQUE TOOLS HYDRAULIC TOOL CALIBRATION FIXTURE

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.



UNITED KINGDOM
Tel + 44 (0)1295 753600
Email enquiry@norbar.com



AUSTRALIA
Tel + 61 (0)8 8292 9777
Email enquiry@norbar.com.au



USA
Tel + 1 866 667 2272
Email inquiry@norbar.us



SINGAPORE
Tel + 65 6841 1371
Email enquires@norbar.sg



CHINA
Tel + 86 21 6145 0368
Email sales@norbar.com.cn



INDIA
Tel + 91 22 2778 8480
Email enquiry@norbar.in