

# Precision Wheel Nut Bolting for Mining

PNEUMATIC



RAD Wheel Nut Bolting & Off-The-Road (OTR) tools were designed with one job in mind – to secure wheel nuts on OTR mining trucks. This pneumatic torque wrench comes with a nose extension that is ideal for reaching wheel nut studs that are recessed and have tight clearances.

## FEATURES

- Removable custom reaction arms designed to fit virtually on any wheel configuration.
- Extended reaction point for safe and quick operation
- Accuracy to ensure correct tightened wheels.

## FRL UNIT

- Low weight tool holder made from high-density polypropylene
- Includes pressure gauge, filter, regulator and oiler



## NOSE EXTENSION (-R)

Developed exclusively for extreme-duty maintenance of mining haul trucks from 50–400-ton capacities and front-end loaders. The extended nose allows safe access of virtually all wheel configurations found on today's heavy equipment.

## NOSE EXTENSION KIT (-NX)

Designed with flexibility in mind. Complete with 3 different reaction arms and a nose extension for hard-to-reach areas, the NX Kit is a “go anywhere” tool capable of a variety of applications but especially suitable for off-road construction equipment.

## IMPERIAL

| PART NUMBER | TOOL MODEL    | DRIVE SIZE | TORQUE (ft. lbs.) LOW HIGH | RPM | WEIGHT (lbs.) | NOISE LEVEL | DIMENSION A | DIMENSION B | DIMENSION C | DIMENSION D | DIMENSION E | DIMENSION F |
|-------------|---------------|------------|----------------------------|-----|---------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 13495       | RAD 7GX-R     | 0.75"      | 300 700                    | 106 | 12            | 80 db       | 13.61"      | 2.48"       | 3.06"       | 1.68"       | 2.75"       | 8.98"       |
| 13691       | RAD 10GX-NX   | 0.75"      | 200 1000                   | 20  | 8             | 80 db       | 20.4"       | 2.48"       | 9.55"       | 1.68"       | 2.75"       | 8.98"       |
| 20810       | RAD 15NDX-R   | 1.0"       | 300 1500                   | 10  | 16            | 80 db       | 20.19"      | 2.7"        | 12.1"       | 1.75"       | 2.75"       | 8.98"       |
| 19339       | RAD 15DX-NX   | 1.0"       | 300 1500                   | 10  | 8.6           | 80 db       | 20.2"       | 2.7"        | 9.77"       | 1.75"       | 2.75"       | 8.98"       |
| 13477       | RAD 1800NGX-R | 1.0"       | 500 1800                   | 13  | 27.5          | 85 db       | 20.26"      | 3"          | 11"         | 2"          | 3.31"       | 9.53"       |

## METRIC

| PART NUMBER | TOOL MODEL      | DRIVE SIZE | TORQUE (Nm) LOW HIGH | RPM | WEIGHT (Kg) | NOISE LEVEL | DIMENSION A (mm) | DIMENSION B (mm) | DIMENSION C (mm) | DIMENSION D (mm) | DIMENSION E (mm) | DIMENSION F (mm) |
|-------------|-----------------|------------|----------------------|-----|-------------|-------------|------------------|------------------|------------------|------------------|------------------|------------------|
| 13541       | RAD 10GX-R-M    | 0.75"      | 400 1000             | 106 | 5.4         | 80 db       | 345              | 63               | 78               | 43               | 70               | 228              |
| 14550       | RAD 14GX-NX-M   | 0.75"      | 275 1400             | 20  | 3.6         | 80 db       | 518              | 63               | 243              | 43               | 70               | 228              |
| 20809       | RAD 20NDX-R-M   | 1.0"       | 400 2000             | 10  | 7.2         | 80 db       | 513              | 69               | 307              | 44               | 70               | 228              |
| 19340       | RAD 20DX-NX-M   | 1.0"       | 400 2000             | 10  | 3.9         | 80 db       | 513              | 69               | 248              | 44               | 70               | 228              |
| 13563       | RAD 2400NGX-R-M | 1.0"       | 700 2400             | 13  | 12.4        | 85 db       | 515              | 76               | 279              | 51               | 84               | 242              |

Accuracy of +/-4%, Repeatability of +/-2%