

Grease Nipples



A grease nipple is a metal fitting used in mechanical systems to feed lubricants, usually lubricating grease, under moderate to high pressure, into a bearing using a grease gun.

The fitting is permanently installed by a threaded connection, leaving a nipple connection that the grease gun attaches to.

Our range of hydraulic Grease nipples are manufactured to international standards and supplied across a wide range of thread types, styles and materials.

1. HARDENING

In Seal Quench Furnaces
Eliminates Scaling, and ensures perfect control of Case Depth.

2. HARDNESS

Controlled to a minimum of 83 on rockwell 15N scale.

3. CASE DEPTH

0.005" - 0.009" (0.13mm - 0.23mm).

4. TESTING

Grease fittings are tested with 6.6 lbs load dropped at 90° to the fittings center line, to ensure proper heat treatment and resistance of the fitting to impact.

5. CONCENTRICITY OF BALL

Within 0.00004" (1 micron).

6. PLATING

Exceeds ASTM B117 standards.
Salt spray life of 75 hrs to red rust
Plating thickness within (5 microns)
*Trivalent plating (Cr 6+ free & RoHS Compliant).

7. SPRING

Special grade 3 German Music Wire ensures accurate.

8. SIZE

Controlled within +/- 0.001" (25 microns).
(12 times tighter than SAEJ534 tolerance).

9. THREADS

Super strong rolled threads.

10. LIP

Formed in turning perfect concentricity with threads.

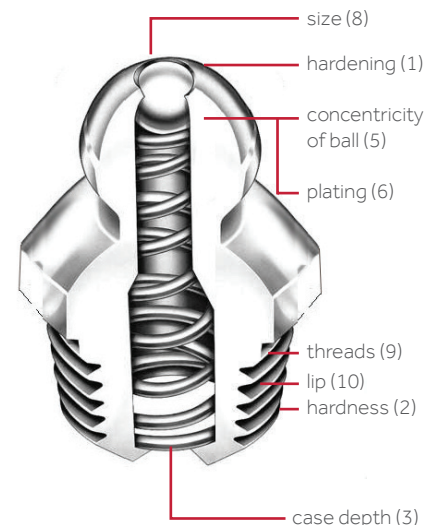


Figure 1.1 Grease nipple profile

“ Our range of grease nipples are of the **highest specification** and manufactured to **international standards**. ”