ACROSS

3 ______ _______ use hardened steel balls between the inner and outer race to reduce friction.
7 Another name for the inner race is the ____.
8 By design a tapered roller bearing can withstand ______ _____.
9 The lip is often held in contact with the moving part with the aid of a ______ _______.
11 The ____ uses the penetration test as a guide to assign the grease a number.
12 The most commonly used automotive wheel bearing is the ______ ______ ________.
14 ______________ ________ use rolling parts inside the bearing to reduce friction.

DOWN

1 A needle bearing is a type of roller bearing that uses smaller rollers called ______ _______.
2 Install a new ______ ____ flush with the hub using a seal driver.
4 ______ is oil with a thickening agent to allow it to be installed in places where a liquid lubricant would not stay.
5 ______ ______ use rollers between the inner and outer race to reduce friction.
6 Tapered roller bearings can withstand ______ ______ in one direction.
10 If a bump is hit while driving with a heavy load, the balls of a ball bearing or the rollers of a roller bearing can make an indent in the race of the bearing, this dent is called __________.
13 The rollers are held in place by a ______ between the inner race and the outer race.
15 Another name for the outer race is the ____.