

SYNOPSIS OF INDIAN STANDARDS

Number and Title of the Indian Standard:	<p>IS 1367 (Part 8) : XXXX /ISO 2320 : 2015</p> <p>इस्पात के चूड़ीदार बंधको की तकनीकी पूर्ति शर्तें</p> <p>भाग 8 प्रीवेलिंग टार्क टाईप स्टील नट कार्यात्मक गुणधर्म --</p> <p>Technical Supply Conditions for Threaded Steel Fasteners</p> <p>Part 8 Prevailing Torque Type Steel Nuts — Functional Properties ( Fifth Revision of IS 1367 (Part 8)/ISO 2320:2015) ICS 21.060.20</p>
Scope:	<p>This Indian Standard specifies the functional properties for prevailing torque steel nuts when tested at an ambient temperature range of +10 °C to +35 °C. It includes a combined test method to determine the prevailing torque properties and the torque/clamp force properties at the same time.</p> <p>It applies to prevailing torque all metal type nuts and prevailing torque non-metallic insert type nuts:</p> <ul style="list-style-type: none"> <li>— with triangular ISO thread in accordance with ISO 68-1;</li> <li>— with diameter/pitch combination in accordance with ISO 261 and ISO 262;</li> <li>— with coarse pitch thread M5 to M39 or with fine pitch thread M8 × 1 to M39 × 3;</li> <li>— with thread tolerances in accordance with ISO 965-2;</li> <li>— with mechanical properties in accordance with ISO 898-2;</li> </ul> <p>Prevailing torque values specified in this standard are based on laboratory test conditions.</p> <p>NOTE 1 Actual prevailing torques in practical application can vary.</p> <p>NOTE 2 All metal type nuts conforming to the requirements of this International Standard are used in applications ranging from -50 °C to +150 °C.</p> <p>NOTE 3 Non-metallic insert type nuts conforming to the requirements of this International Standard are used in applications ranging from -50 °C to +120 °C.</p>
Salient features of content	<p>This standards delineates the functional requirements of the prevailing torque type steel nuts. It gives the detailed test method for testing and also the typical fixture for testing the nuts.</p>