

*Indian Standard*

**HIGH STRENGTH BOLTS IN STEEL  
STRUCTURES— CODE OF PRACTICE**

( *First Revision* )

**1 SCOPE**

**1.1** This standard covers the requirements for the design, fabrication, assembly and inspection in all types of steel structures, of structural joints using high strength bolts conforming to IS 3757 : 1985 High strength structural bolts ( *second revision* )' tensioned to the minimum bolts tension specified in this code.

**1.2** This standard applies to high strength bolts used in both friction type and bearing type shear joints and for tension joints.

**1.3** This standard is complementary to IS 800 : 1984 'Code of practice for general construction on steel ( *second revision* )'. Provisions not covered in this standard shall be conforming to IS 800 ; 1984.

**2 REFERENCES**

The Indian Standards listed in Annex A are necessary adjuncts to this standard.

**ANNEX A**

( *Item 2* )

**LIST OF INDIAN STANDARDS REFERRED**

<i>IS No</i>	<i>Title</i>
1367 (Part 3) : 1979	Technical supply conditions for threaded steel fasteners: Part 3 Mechanical properties and test, methods for bolts, screws and studs with full loadability
3757 : 1985	Specification for high strength structural bolts ( <i>second revision</i> )
6623 : 1985	Specification for high strength structural nuts ( <i>first revision</i> )
6649 : 1985	Specification for hardening and tempering washers for high strength structural bolts and nuts ( <i>first revision</i> )
8537 : 1977	Nomenclature and terminology of fasteners