

EDS

Engineering,
GM DAEWOO Auto & Technology
Standards

TEST METHOD OF WELD NUT

EDS-T-7169

ISSUED DATE: 1996. 12. 21

REVISED DATE: 2006. 06. 19

VERSION: 2



1. PURPOSE

This standard specifies additional test methods for weld nuts

2. SCOPE

This standard applies square and hexagon weld nuts which specified EDS-G-1306 or special standard parts in *GMDAT*

3. TEST METHODS

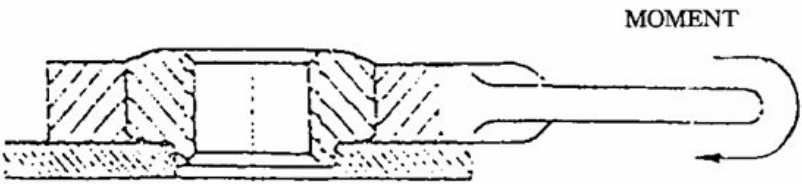
3.1. The strength of projection welding shall be sufficient as stated in table 1, when tested as figure 1. In this case, deformation of welding sections shall not be allowed.

3.2. For the purpose of observance of specified tightening torques and of the initial stressing forces resulted from it, which are important for the durability of screwing, it shall be guaranteed that possible welding spatter thread doesn't injure the function of bolted connection.

Table 1

Thread	Moment
M4	5Nm
M5	9Nm
M6	15Nm
M8	40Nm
M10	75Nm
M12	130Nm
7/16" - 20 UNF	130Nm
M14	170Nm

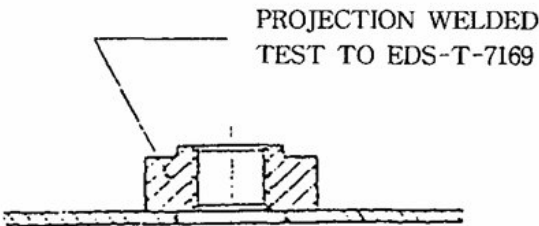
Figure 1.



4. ADDITIONAL REQUIREMENTS

As the test conditions specified here are not sufficient for constructive reasons (design), the additional requirements shall be indicated on the relevant drawings.

5. CODING SYSTEM ON THE DRAWING



6. RELATED STANDARDS

EDS-G-1306 NUT-WELD

