

PRODUCTION AND GENERAL ENGINEERING DEPARTMENT

MINUTES

MEETING	DATE and DAY	TIME	VENUE
Seventeenth Meeting of General Engineering and Fasteners Standards Sectional Committee, PGD 37	19 November 2024, Tuesday	11:00 AM	Virtual Meeting (BIS HQ)

MEMBERS PRESENT:

1. CHAIRMAN: Shri N. Srinivasa Murthy, In Personal Capacity

2. MEMBER SECRETARY: Shri Monarch Joshi, Scientist 'C'

SI No.	Name of the Member	Organization
3.	Shri KV Subba Reddy	In Personal Capacity
4.	Shri Murthy	In Personal Capacity
5.	Shri Ankit Khandelwal	Best Quality Fasteners Limited, Rudrapur
6.	Shri M. R. Senthil Kumar	BEML Ltd., Bengaluru
7.	Shri Venkatesh Dinumali	Bosch Limited, Bengaluru
8.	Shri Umakanth Pathipati	Bharat Dynamics Limited, Hyderabad
9.	Shri Sukhjeevan Singh Nokewal	Deepak Fasteners Limited, Ludhiana
10.	Shri Shri Sukhdev Singh	
11.	Shri Pankaj Kumar	EJOT - Octaqon Fastening Systems Private Ltd., Gurugram
12.	Shri Narinder Singh Bhamra	Fastener Manufacturers Association of India, Ludhiana
13.	Shri Shounak Mitra	Hilti India Private Ltd., New Delhi
14.	Dr. Sanjeev Katoch	Institute for Auto Parts and Hand Tools Technology, Ludhiana
15.	Shri Amol	
16.	Shri Vivek Asrani	Kaymo Fastener Company, Mumbai, India
17.	Shri Raghav Aggarwal	Northern India Screw Manufactures Association, Amritsar
18.	Shri Ragghav Aggarwal	
19.	Shri Parag Prakash Shah	Precise Fasteners Private Limited, Mumbai
20.	Shri Dhruv Khandelwal	Raj Industries, Chandigarh
21.	Shri Kannadasan B	Sundram Fasteners Limited, Chennai
22.	Shri Anoop Toby	Tata Motors Ltd., Pune

Item 1 GENERAL

1.1 Welcome by the Member Secretary

Shri Monarch Joshi, Scientist 'C' warmly welcomed all members attending the 17th meeting of PGD 37. He encouraged members to actively contribute to the development of standards by sharing their expertise and offering comments. Stressing the importance of regular attendance and meeting deadlines for publishing Indian Standards, he concluded by inviting the Chairperson to deliver the opening remarks.

1.2 Opening remarks by the Chairman

Shri N. Srinivasa Murthy, Chairman extended a hearty welcome to all the members to the 17th Meeting of General Engineering and Fasteners Standards Sectional Committee, PGD 37. He urged the members for better involvement in deliberations for formulation of Indian standards as per the agenda fruitfully.

Item 2 CONFIRMATION OF PROCEEDINGS OF THE LAST MEETING

There being no comments, the committee formally confirmed the minutes of the Sixteenth meeting of the General Engineering and Fasteners Standards Sectional Committee, PGD 37 held on 27 August, 2024 through WebEx and the minutes of which were circulated to all the members via mail dated 23 September, 2024.

Item 3 ISSUES ARISING OUT OF THE PREVIOUS MEETING

3.1 DRAFT QCO ON CROSS RECESSED SCREWS

The committee had formed a working group with the following members for the revision of Indian Standards on self-drilling, self-tapping and drywall screws i.e. IS 18471 (Parts 1 to 3), IS 18480 (Parts 1 to 3), IS 18476 and 18507 : 2024:

SI No.	Organization	Members
1.	In Individual Capacity	Shri N. Srinivasa Murthy (<i>Convener</i>)
2.	Institute for Auto Parts and Hand Tools Technology, Ludhiana	Dr Sanjeev Katoch
3.	In Personal Capacity	Shri Murthy
4.	Precise Fasteners Private Limited, Mumbai	Shri Parag Prakash Shah
5.	Northern India Screw Manufactures Association, Amritsar	Shri Raghav Aggarwal
6.	Raj Industries, Derra Bassi, Punjab	Dhruv Khandelwal
7.	Ejot Octagon Fastening Systems Ltd., Gurgaon, Haryana	Dr. Pankaj Kumar Bharadwaj

Based on the comments received from the panel members, the revised draft of self-tapping screws and self-drilling screws were attached as **Annex A and Annex B** respectively (*see* Agenda). The committee deliberated and decided to wide circulate the drafts for self-tapping and self-drilling screws for a period of 1 month.

For the draft of drywall screws, IS 18507, the committee deliberated and decided as follows:

- 1) Correct the drawing for Type H cross recess and provide both type H and type Z recess.
- 2) Remove Fig. ___ showing single and multi-start threads.
- 3) Introduce a new clause for any other type of drive. Rest of the dimensions for other drives shall be as already mentioned in the standard.
- 4) Remove the coating, 'As processed'.
- 5) Regarding the dimensions, the committee requested Shri Parag, Precise Fasteners Private Limited, Mumbai and Shri Dhruv Khandelwal, Raj Industries to share inputs to the Member Secretary within 10 days of circulation of minutes.

The Member Secretary to prepare a revised draft based on the decisions of the committee and wide circulate it for a period of 1 month.

Along with it, the committee deliberated and decided to adopt following ISO 10664 : 2014 'Hexalobular internal driving feature for bolts and screws' as the same is to be referred in the revised draft of self-tapping

screws for specifying the shape and basic dimensions of the hexalobular internal driving feature for bolts and screws.

Item 4 COMPOSITION OF THE SECTIONAL COMMITTEE

The committee noted the information given in the Agenda.

Item 5 PROGRAM OF WORK OF SECTIONAL COMMITTEE

The committee noted the information given in the Agenda.

Item 6 DATE AND PLACE OF THE NEXT MEETING

The committee decided to hold the next meeting of PGD 37 in January, 2025. The date and venue of the meeting to be decided by the Member Secretary in consultation with the chairperson.