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Steel furring components for gymnasium floors

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Foreword

This translation has been made based on the original Japanese Industrial Standard revised by the Minister of Economy, Trade and Industry through deliberations at the Japanese Industrial Standards Committee, as the result of proposal for revision of Japanese Industrial Standard submitted by Japan Testing Center for Construction Materials (JTCCM)/Japanese Standards Association (JSA) with the draft being attached, based on the provision of Article 12 Clause 1 of the Industrial Standardization Law applicable to the case of revision by the provision of Article 14. Consequently **JIS A 6519 : 1995** is replaced with this Standard.

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Steel furring components for gymnasium floors

1 Scope This Japanese Industrial Standard specifies steel furring components⁽²⁾ (hereafter referred to as “components”) used for gymnasium floors⁽¹⁾.

Notes ⁽¹⁾ The gymnasium herein means general gymnasium, ZYÛDÔ skill hall, KENDÔ skill hall and ZYÛDÔ and KENDÔ skill hall. Further, the floor of the gymnasium does not contain “a floor for loading an excess load, a multiple purpose floor, or the like”.

⁽²⁾ The steel furring components mean materials constituted by principal components such as a supporting leg, sleeper, floor joist, floor panel.

Further, the supporting leg herein means that comprising any one of a supporting base, adjusting bolt and nut, supporting board, buffer material and the like.

2 Normative references The standards listed in attached table contain provisions which, through reference in this Standard, constitute provisions of this Standard. The most recent editions of the standards (including amendments) indicated below shall be applied.

3 Names of respective parts The names of respective parts of the components shall be as given in figure 1 and figure 2.

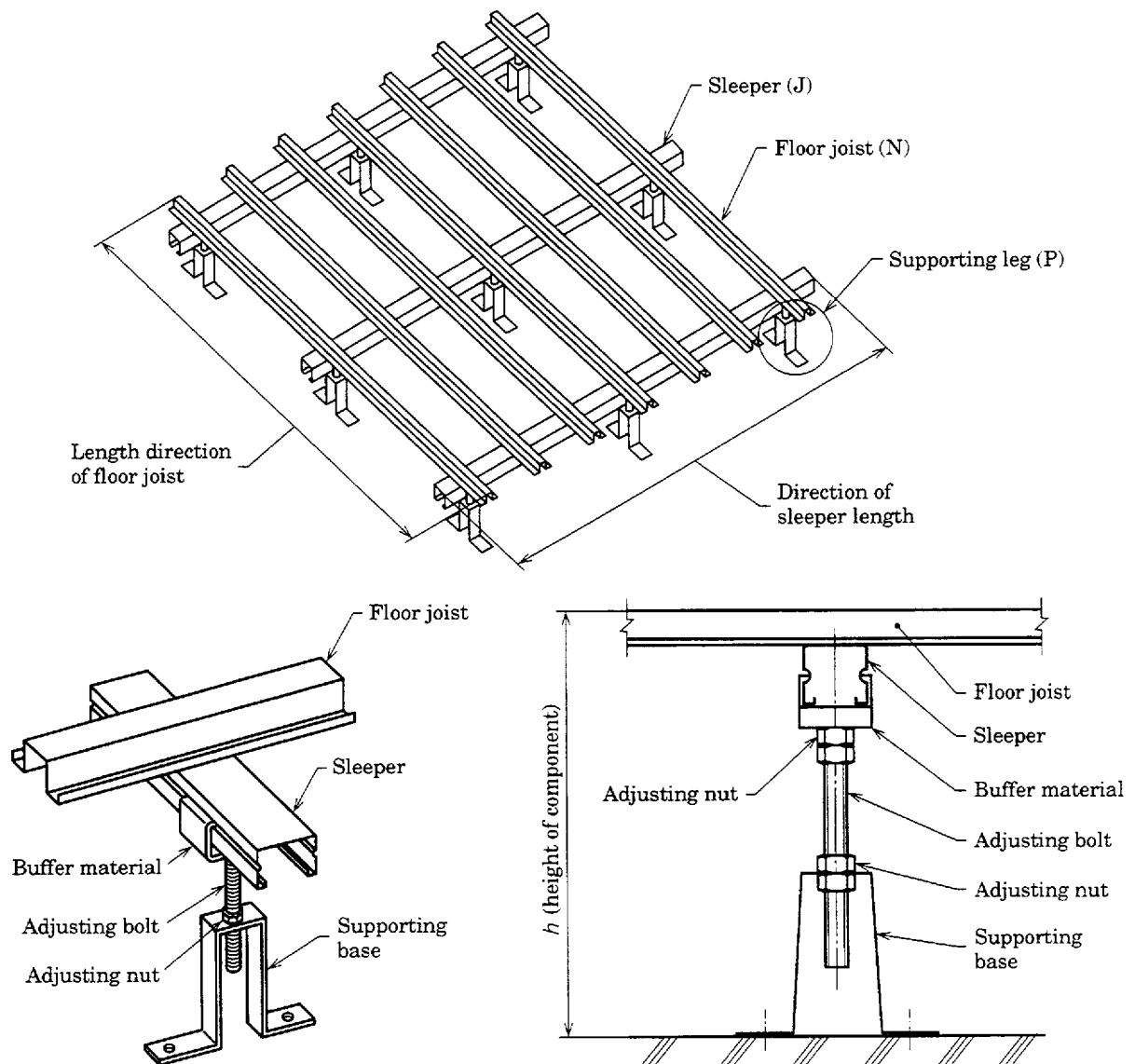


Figure 1 Assembled floor type (example figure)

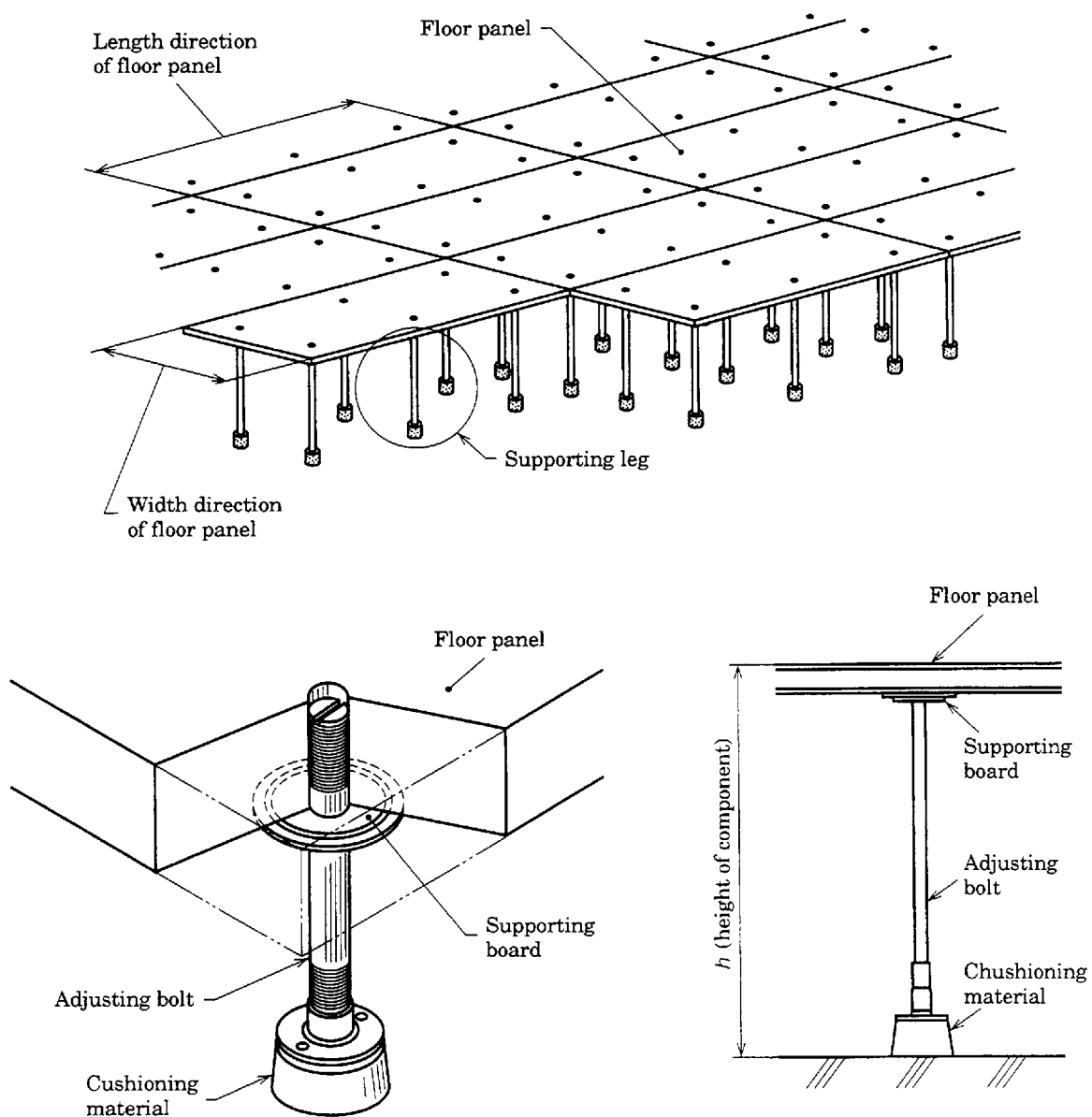


Figure 2 Preplaced floor type (example figure)

4 Type and symbol The type and symbol of components shall be as follows:

- a) **Classification by arrangement** The classification and symbol by arrangement shall be as given in table 1.

Table 1 Classification by arrangement

Classification	Symbol	Remarks
Assembled floor type	F	That constituted by assembling supporting leg, sleeper, floor joist and the like.
Preplaced floor type	S	That constituted by assembling supporting leg, floor panel and the like.

- b) **Classification by usage purpose** The classification and symbols by usage purpose shall be as given in table 2.

Table 2 Classification of usage purposes

Classification	Symbol	Remarks
General gymnasium use	G	That used as the component of general gymnasium floors.
ZYÛDÔ gymnasium use	R	That used as the component of ZYÛDÔ gymnasium floors.
KENDÔ gymnasium use	K	That used as the component of KENDÔ gymnasium floor.
ZYÛDÔ and KENDÔ gymnasium use	R • K	That used as components of the floor jointly used as ZYÛDÔ gymnasium and KENDÔ gymnasium.

5 Quality The quality of components shall be as follows:

- Assembled components shall be free from twist and deformation which are detrimental to use.
- An adjusting bolt shall be capable of levelling of floor bedrock in contact with the component.
- The nominal thickness of the steel for a component shall be at least 1.6 mm for sleeper, at least 1.2 mm for floor joist and for a floor panel, plywood, particle board, sandwich plywood and the like are used. The thickness shall be at least 20 mm including the supporting board.
- The cushioning material shall be a rubber isolator, metal spring, damper and the like and shall have sufficient durability.
- The component, when subjected to the test in clause 9 shall conform to table 3.