
International Standard



6175

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION

Textile machinery and accessories — Recommended profile threads for weaver's beams

Matériel pour l'industrie textile — Profils recommandés pour les filetages des ensouples de tissage

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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of developing International Standards is carried out through ISO technical committees. Every member body interested in a subject for which a technical committee has been authorized has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work.

Draft International Standards adopted by the technical committees are circulated to the member bodies for approval before their acceptance as International Standards by the ISO Council.

International Standard ISO 6175 was developed by Technical Committee ISO/TC 72, *Textile machinery and allied machinery and accessories*, and was circulated to the member bodies in March 1982.

It has been approved by the member bodies of the following countries :

Australia	India	South Africa, Rep. of
Belgium	Indonesia	Spain
Brazil	Japan	Switzerland
China	Korea, Rep. of	Turkey
Czechoslovakia	Mexico	United Kingdom
Egypt, Arab Rep. of	Poland	USSR
Germany, F.R.	Romania	Yugoslavia

The member body of the following country expressed disapproval of the document on technical grounds :

Italy

Textile machinery and accessories — Recommended profile threads for weaver’s beams

1 Scope and field of application

This International Standard specifies the main dimensions of profile threads for weaver’s beams in order to facilitate an interchangeability of barrels and flanges.

2 Reference

ISO 5241, *Textile machinery and accessories — Weaver’s beams — Terminology and main dimensions.*

3 Dimensions

3.1 Type 1 threads

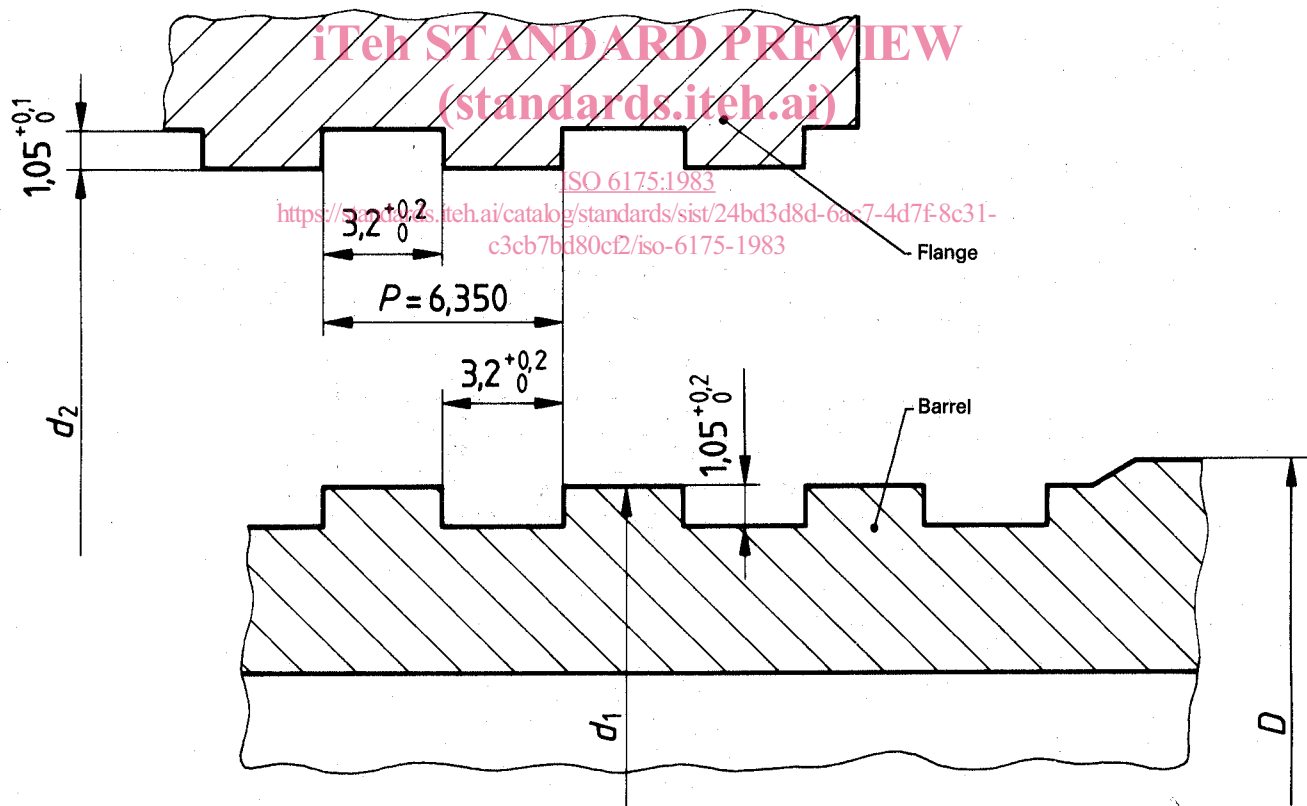


Figure 1 — Type 1 threads

Table 1 — Type 1 threads

Values in millimetres

D	d_1 0 $-0,2$	d_2 $+ 0,15$ 0
150	149,35	147,45
216	215,35	213,45

3.2 Type 2 threads

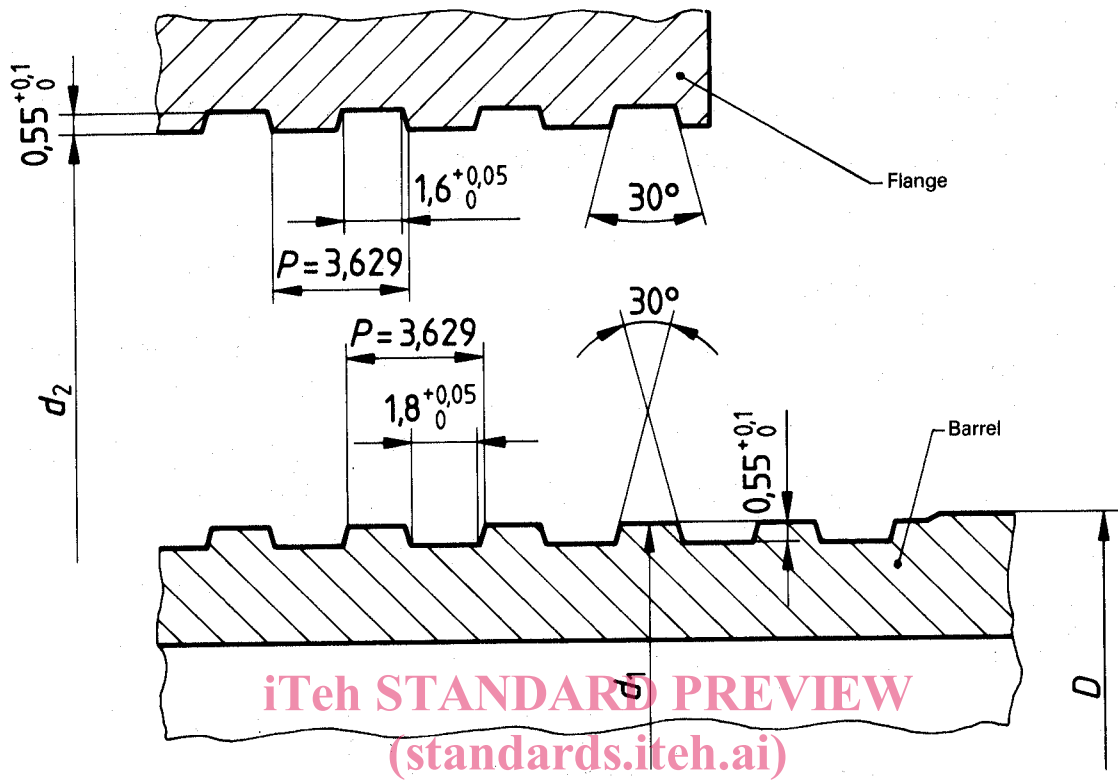


Figure 2 ISO Type 2 threads

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Table 2 — Type 2 threads

Values in millimetres

D	d_1 0 $-0,1$	d_2 $+ 0,15$ 0
150	149,9	149,2
216	215,9	215,2

NOTE — Threads of type 2 are primarily used as adjusting threads. Flanges are usually secured to the barrel by separate means.