

ISO

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION

ISO RECOMMENDATION R 413

HEADS OF AIRCRAFT LUBRICATING NIPPLES

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BRIEF HISTORY

The ISO Recommendation R 413, *Heads of Aircraft Lubricating Nipples*, was drawn up by Technical Committee ISO/TC 20, *Aircraft*, the Secretariat of which is held by the British Standards Institution (BSI).

Work on this question by the Technical Committee began in 1951 and led, in 1957, to the adoption of a Draft ISO Recommendation.

In April 1960, this Draft ISO Recommendation (No. 356) was circulated to all the ISO Member Bodies for enquiry. It was approved, subject to a few modifications of an editorial nature, by the following Member Bodies:

Belgium	Greece	Spain
Bulgaria	Israel	Sweden
Canada	Italy	Switzerland
Chile	Japan	United Kingdom
Colombia	Netherlands	U.S.S.R.
Czechoslovakia	New Zealand	Yugoslavia
France	Portugal	
Germany	Romania	

No Member Body opposed the approval of the Draft.

The Draft ISO Recommendation was then submitted by correspondence to the ISO Council, which decided, in February 1965, to accept it as an ISO RECOMMENDATION.

HEADS OF AIRCRAFT LUBRICATING NIPPLES

The envelope dimensions for the heads of aircraft lubricating nipples of the axial type and the clearance to be provided around the head should be as shown in the figures below.

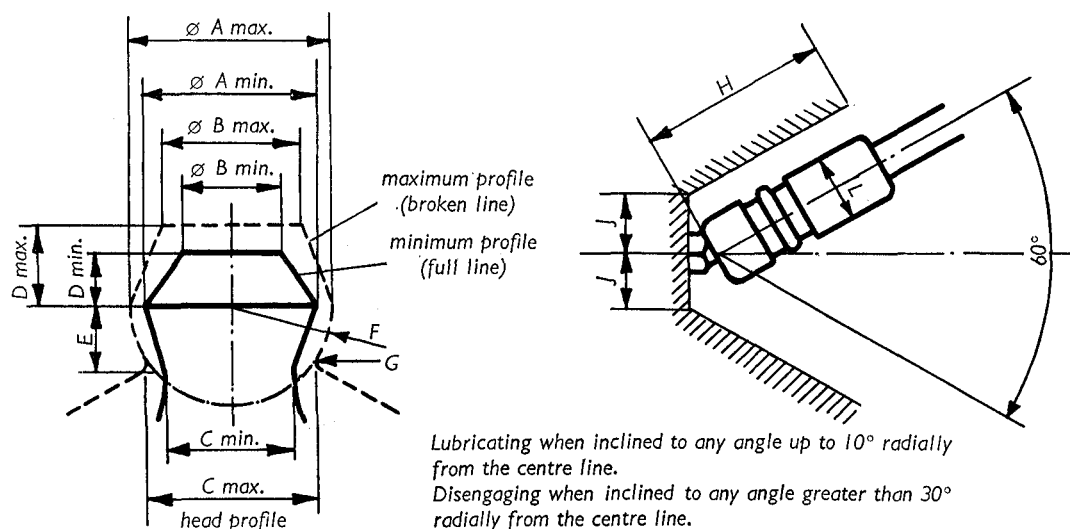


FIG. 1 (a). - Head of lubricating nipple

FIG. 1 (b). - Clearance around head of straight lubricating nipple

TABLE - DIMENSIONS

Dimension	Inches	Millimetres
A	0.270 max. 0.248 min.	6.86 max. 6.30 min.
B	0.203 max. 0.140 min.	5.16 max. 3.57 min.
C	0.234 max. 0.175 min.	5.95 max. 4.44 min.
D	0.109 max. 0.078 min.	2.77 max. 1.98 min.
E	0.094	2.38

Dimension	Inches	Millimetres
F*	0.135	3.43
G*	0.032	0.81
H	1.9	48
J	0.6	15
L	0.7	18

* Radius