INTERNATIONAL STANDARD



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

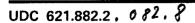
Tapping screws according to ISO/R 1478 to 1483 — Minimum and maximum lengths

Vis à tôle conformes à ISO/R 1478 à 1483 — Longueurs minimale et maximale

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ISO 2770·1974

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Descriptors: fasteners, screws, tapping screws, dimensions, length.

Ref. No. ISO 2770-1974 (E)

FOREWORD

ISO (the International Organization for Standardization) is a worldwide federation of national standards institutes (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 set up 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 2770 was drawn up by Technical Committee ISO/TC 2, Bolts, nuts and accessories, and circulated to the Member Bodies in February 1972.

It has been approved by the Member Bodies of the following countries:

Canada

South Africa, Rep. of

Denmark

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Egypt, Arab Rep. of

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Finland

New Zealand

Hungary

Norway

Turkey

India

Portugal

United Kingdom

Ireland

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The Member Bodies of the following countries expressed disapproval of the document on technical grounds:

> Austria Belgium France U.S.A.

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Tapping screws according to ISO/R 1478 to 1483 — Minimum and maximum lengths

1 SCOPE AND FIELD OF APPLICATION

This International Standard specifies minimum and maximum lengths of tapping screws, types AB and B, according to ISO/R 1478 to 1483, in order to obtain a single series for both metric and inch units. These values are based on the nominal length in inches.

2 LENGTHS

TABLE

Length /								
iTeh STAND A Minimum PREVIE Maximum								
nominal (standa			types AB and B		ai) type AB		type B	
mm		in	mm	in	mm	in	mm	in
3,2 _h	ttps://standarc	15(9,1)25)/catalog/	2770.1 star 2 ,575	<u>//+</u> sis0/,40.13 <i>7</i>	23,775	4.07149.h	3,175	0,125
4,5	3/18	(0,187,5) _{341cc}	724,163	791647	5,363	0,211	4,763	0,187 5
6,5	1/4	(0,250)	5,600	0,220	7,100	0,280	6,350	0,250
9,5	3/8	(0,375)	8,775	0,345	10,275	0,405	9,525	0,375
13	1/2	(0,500)	11,800	0,465	13,600	0,535	12,700	0,500
16	5/8	(0,625)	14,975	0,590	16,775	0,660	15,875	0,625
19	3/4	(0,750)	18,000	0,709	20,100	0,791	19,050	0,750
22	7/8	(0,875)	21,175	0,834	23,275	0,916	22,225	0,875
25	1	(1,000)	24,350	0,959	26,450	1,041	25,400	1,000
32	1 1/4	(1,250)	30,500	1,201	33,000	1,299	31,750	1,250
38	1 1/2	(1,500)	36,850	1,451	39,350	1,549	38,100	1,500
45	1 3/4	(1,750)	43,200	1,701	45,700	1,799	44,450	1,750
50	2	(2,000)	49,300	1,941	52,300	2,059	50,800	2,000