DRAFT INTERNATIONAL STANDARD ISO/DIS 8676

ISO/TC 2/SC 11

Voting begins on: **2020-06-25**

Secretariat: **DIN**

Voting terminates on: 2020-09-17

Hexagon head screws with metric fine pitch thread — Product grades A and B

Vis à tête hexagonale à filetage métrique à pas fin entièrement filetées — Grades A et B

ICS: 21.060.10

iTeh STANDARD PREVIEW (standards.iteh.ai)

ISO/DIS 8676 https://standards.iteh.ai/catalog/standards/sist/d405777c-194a-4897-b60b-81e67a70400a/iso-dis-8676

IMPORTANT — Please use this updated version dated 2020-05-05, and discard any previous versions of this DIS.

THIS DOCUMENT IS A DRAFT CIRCULATED FOR COMMENT AND APPROVAL. IT IS THEREFORE SUBJECT TO CHANGE AND MAY NOT BE REFERRED TO AS AN INTERNATIONAL STANDARD UNTIL PUBLISHED AS SUCH.

IN ADDITION TO THEIR EVALUATION AS BEING ACCEPTABLE FOR INDUSTRIAL, TECHNOLOGICAL, COMMERCIAL AND USER PURPOSES, DRAFT INTERNATIONAL STANDARDS MAY ON OCCASION HAVE TO BE CONSIDERED IN THE LIGHT OF THEIR POTENTIAL TO BECOME STANDARDS TO WHICH REFERENCE MAY BE MADE IN NATIONAL REGULATIONS.

RECIPIENTS OF THIS DRAFT ARE INVITED TO SUBMIT, WITH THEIR COMMENTS, NOTIFICATION OF ANY RELEVANT PATENT RIGHTS OF WHICH THEY ARE AWARE AND TO PROVIDE SUPPORTING DOCUMENTATION. This document is circulated as received from the committee secretariat.

ISO/CEN PARALLEL PROCESSING



Reference number ISO/DIS 8676:2020(E)

iTeh STANDARD PREVIEW (standards.iteh.ai)

ISO/DIS 8676 https://standards.iteh.ai/catalog/standards/sist/d405777c-194a-4897-b60b-81e67a70400a/iso-dis-8676



COPYRIGHT PROTECTED DOCUMENT

© ISO 2020

All rights reserved. Unless otherwise specified, or required in the context of its implementation, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office CP 401 • Ch. de Blandonnet 8 CH-1214 Vernier, Geneva Phone: +41 22 749 01 11 Fax: +41 22 749 09 47 Email: copyright@iso.org Website: www.iso.org

Published in Switzerland

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established 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. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see www.iso.org/patents).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation on the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see the following URL: www.iso.org/iso/foreword.html.

ISO/DIS 8676

This document was prepared by Technical Committee 180/TC 2, Fasteners, Subcommittee SC 11, Fasteners with metric external thread and by Technical Committee CEN/TC 185, Fasteners in collaboration.

This fourth edition cancels and replaces the third edition (ISO 8676:2011), which has been technically revised.

The main changes compared to the previous edition are as follows:

- tables for dimensions have been entirely restructured, so that the user can find his way around on a reliable manner (no risk of picking the wrong dimension);
- standard smallest lengths have been corrected as for the other hexagon head screw standards: erroneous values for M22×2, M30×2 and M36 of l_{nom} = 40 mm have been changed to 50 mm, 60 mm and 70 mm respectively; l_{nom} = 30 mm has been added for M16×1,5 as well as 80 mm for M42×3 and 110 mm for M56×4;
- greatest lengths l_{nom} have been limited to 200 mm, longer lengths are to be agreed between the purchaser and the manufacturer;
- standard greatest lengths (accidentally removed in the third edition for non-preferred diameters M18 and above) have been restored (greatest lengths $l_{nom} = 10d$ or 200 mm whichever is the shorter as for the other hexagon head screw standards);
- property class 12.9/<u>12.9</u> has been added for steel and property class 80 has been added for stainless steel;

— specifications for marking and labelling have been added as Clause 6.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at <u>www.iso.org/members.html</u>.

iTeh STANDARD PREVIEW (standards.iteh.ai)

ISO/DIS 8676 https://standards.iteh.ai/catalog/standards/sist/d405777c-194a-4897-b60b-81e67a70400a/iso-dis-8676

Hexagon head screws with metric fine pitch thread — Product grades A and B

1 Scope

This document specifies the characteristics of hexagon head screws, in steel and stainless steel, with metric fine pitch threads $M8 \times 1$ to $M64 \times 4$, and with product grades A and B.

NOTE If in certain cases other specifications are requested, property classes and stainless steel grades can be selected from ISO 898-1 or ISO 3506-1, and dimensional options from ISO 888 or ISO 4753.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 898-1, Mechanical properties of fasteners made of carbon steel and alloy steel — Part 1: Bolts, screws and studs with specified property classes — Coarse thread and fine pitch thread

ISO 965-1, ISO general-purpose metric screw threads — Tolerances — Part 1: Principles and basic data

ISO 1891-4, Fasteners — Vocabulary — Part 4: Control, inspection, delivery, acceptance and quality

ISO 3269, Fasteners — Acceptance inspection dards.iteh.ai)

ISO 3506-1, Mechanical properties of corrosion<u>-resistant</u> stainless steel fasteners — Part 1: Bolts, screws and studs with specified property classes i/catalog/standards/sist/d405777c-194a-4897-b60b-

81e67a70400a/iso-dis-8676 ISO 4042, Fasteners — Electroplated coating systems

150 4042, Pusteners — Liectropiatea couting systems

ISO 4753, Fasteners — Ends of parts with external ISO metric thread

ISO 4759-1, Tolerances for fasteners — Part 1: Bolts, screws, studs and nuts — Product grades A, B and C

ISO 6157-1, Fasteners — Surface discontinuities — Part 1: Bolts, screws and studs for general requirements

ISO 6157-3, Fasteners — Surface discontinuities — Part 3: Bolts, screws and studs for special requirements

ISO 8992, Fasteners — General requirements for bolts, screws, studs and nuts

ISO 10683, Fasteners — Non-electrolytically applied zinc flake coating systems

3 Terms and definitions

No terms and definitions are listed in this document.

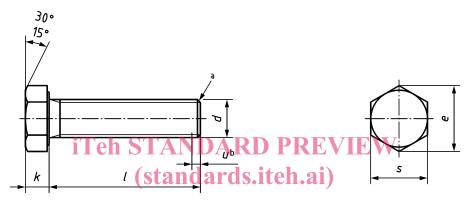
ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- ISO Online browsing platform: available at http://www.iso.org/obp
- IEC Electropedia: available at http://www.electropedia.org/

4 Dimensions

Dimensions shall be in accordance with Figures 1 and 2 and with Tables 1 to 5.

Symbols and descriptions of dimensions are defined in ISO 225.



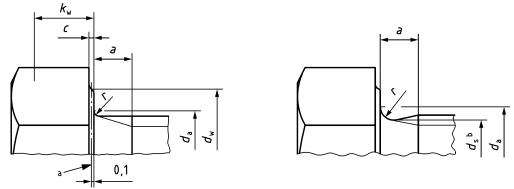
Кеу

ISO/DIS 8676

- a Chamfered end (CH) intaccordance with ISO 4753 and ards/sist/d405777c-194a-4897-b60b-
- ^b incomplete thread $u \le 2P$, where P is the fine pitch thread specified in Tables 1 to 5.

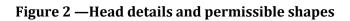
Figure 1 — Hexagon head screw

Dimensions in millimetres



Кеу

- ^a reference datum for d_{w} .
- ^b $d_s \approx$ pitch diameter.



								Dimensions i	n millimetres		
Thread , <i>d</i> × <i>P</i> ^a			M8×1	M10×1,25	(M10×1)	M12×1,5	(M12×1,25)	(M14×1,5)	M16×1,5		
a ^b		max.	3,00	3,75	3,00	4,50	3,75	4,50	4,50		
a ^s		min.	1,00	1,25	1,00	1,50	1,25	1,50	1,50		
6		max.	0,60	0,60	0,60	0,60	0,60	0,60	0,80		
С		min.	0,15	0,15	0,15	0,15	0,15	0,15	0,20		
d _a		max.	9,2	11,2	11,2	13,7	13,7	15,7	17,7		
d _w		min.	11,63	14,63	14,63	16,63	16,63	19,64	22,49		
е		min.	14,38	17,77	17,77	20,03	20,03	23,36	26,75		
		nom.	5,3	6,4	6,4	7,5	7,5	8,8	10		
k		max.	5,45	6,58	6,58	7,68	7,68	8,98	10,18		
		min.	5,15	6,22	6,22	7,32	7,32	8,62	9,82		
k _w		min.	3,61	4,35	4,35	5,12	5,12	6,03	6,87		
r		min.	0,4	0,4	0,4	0,6	0,6	0,6	0,6		
_	nom. =	max.	13,00	16,00	16,00	18,00	18,00	21,00	24,00		
S		min.	12,73	15,73	15,73	17,73	17,73	20,67	23,67		
	1		Da	ngo of stands	udined longth	a hatwaan th	a atomnod dia	antinu aug lin			
nom.	min.	max.	Range of standardized lengths between the stepped discontinuous lines								
16	15,65	16,35						Screw			
20	19,58	20,42	iTeh	STAN	DARD	PREV	TEW	too shor	t lengths		
25	24,58	25,42									
30	29,58	30,42		(stan	dards.i	teh.ai)					
35	34,5	35,5									
40	39,5	40,5	1	4 •. 4 •/ . 4	ISO/DIS 867	5					
45	44,5	45,5	https://standar	ds.iteh.ai/catalo	g/standards/sis		4a-4897-b60b	-			
50	49,5	50,5		8166	a'/0400a/1so-d	1s-8676					
55	54,4	55,6									
60 65	59,4 64,4	60,6 65,6									
70	69,4	70,6									
80	79,4	80,6									
90	89,3	90,7									
100	99,3	100,7									
110	109,3	110,7									
120	119,3	120,7									
130	129,2	130,8		Lengths to	be agreed be						
140	139,2	140,8		purchaser and the manufacturer							
150	149,2	150,8									
NOTE	Sizes s	shown in	brackets are n	on-preferred	diameters.						
a P	is the pito	ch of the t	thread.								
-	-			ISO 3508 (a _{max}	= 3 <i>P</i>) but not	rounded.					

Table 1 — Product grade A - M8×1 to M16×1,5

	read, d×	KP a	(M18×2)	(M18×1,5)	M20×2	(M20×1,5)	(M22×2)	(M22×1,5)	M24×2
	max.		6,0	4,5	6,0	4,5	6,0	4,5	6,0
a ^b	min.		2,0	1,5	2,0	1,5	2,0	1,5	2,0
		max.	0,8	0,8	0,8	0,8	0,8	0,8	0,8
min.			0,2	0,2	0,2	0,2	0,2	0,2	0,2
d _a max.			20,2	20,2	22,4	22,4	24,4	24,4	26,4
d_w		min.	25,34	25,34	28,19	28,19	31,71	31,71	33,61
e		min.	30,14	30,14	33,53	33,53	37,72	37,72	39,98
		nom.	11,5	11,5	12,5	12,5	14	14	15
k		max.	11,715	11,715	12,715	12,715	14,215	14,215	15,215
·		min.	11,285	11,285	12,285	12,285	13,785	13,785	14,785
k _w		min.	7,90	7,90	8,60	8,60	9,65	9,65	10,35
r.		min.	0,6	0,6	0,8	0,8	0,8	0,8	0,8
	nom. =		27,00	27,00	30,00	30,00	34,00	34,00	36,00
S		min.	26,67	26,67	29,67	29,67	33,38	33,38	35,38
	1	111111.	20,07	20,07	29,07	29,07	33,30	33,30	33,30
nom.	<i>i</i> min.	max.	Ra	nge of standa	rdised length	s between the	e stepped disc	ontinuous lin	es
35	34,5	35,5						Screws	with
40	39,5	40,5	:Tak	CT AN		DDEI		too short	
45	44,5	45,5	H I I en	SIAN	DARD	PREV	····		
	1 1,0								
50	495			(stan	lards, i	teh.ai)			
50 55	49,5 54.4	50,5		(stan	dards.i	teh.ai)			
50 55 60	54,4	50,5 55,6		(stan		teh.ai)			
55		50,5	https://standar	(stan)	<u>ISO/DIS 867</u>	teh.ai) 5 /d405777c-19	4a-4897-b60b	-	
55 60	54,4 59,4	50,5 55,6 60,6	https://standar		<u>ISO/DIS 867</u>	<u>6</u>	4a-4897-b60b	-	
55 60 65	54,4 59,4 64,4	50,5 55,6 60,6 65,6	https://standar	ds.iteh.ai/catalo	ISO/DIS 8670 g/standards/sist	<u>5</u> /d405777c-19	4a-4897-b60b	-	
55 60 65 70	54,4 59,4 64,4 69,4	50,5 55,6 60,6 65,6 70,6	https://standar	ds.iteh.ai/catalo	ISO/DIS 8670 g/standards/sist	<u>5</u> /d405777c-19	4a-4897-b60b	-	
55 60 65 70 80 90 100	54,4 59,4 64,4 69,4 79,4 89,3 99,3	50,5 55,6 60,6 65,6 70,6 80,6 90,7 100,7	https://standar	ds.iteh.ai/catalo	ISO/DIS 8670 g/standards/sist	<u>5</u> /d405777c-19	4a-4897-b60b	-	
55 60 65 70 80 90 100 110	54,4 59,4 64,4 69,4 79,4 89,3 99,3 109,3	50,5 55,6 60,6 65,6 70,6 80,6 90,7 100,7 110,7	https://standar	ds.iteh.ai/catalo	ISO/DIS 8670 g/standards/sist	<u>5</u> /d405777c-19	4a-4897-b60b	-	
55 60 65 70 80 90 100 110 120	54,4 59,4 64,4 69,4 79,4 89,3 99,3 109,3 119,3	50,5 55,6 60,6 65,6 70,6 80,6 90,7 100,7 110,7 120,7	https://standar	ds.iteh.ai/catalo	ISO/DIS 8670 g/standards/sist	<u>5</u> /d405777c-19	4a-4897-b60b	-	
55 60 65 70 80 90 100 110 120 130	54,4 59,4 64,4 69,4 79,4 89,3 99,3 109,3 119,3 129,2	50,5 55,6 60,6 70,6 80,6 90,7 100,7 110,7 120,7 130,8	https://standar	ds.iteh.ai/catalo	ISO/DIS 8670 g/standards/sist	<u>5</u> /d405777c-19	4a-4897-b60b		
55 60 65 70 80 90 100 110 120 130 140	54,4 59,4 64,4 69,4 79,4 89,3 99,3 109,3 119,3 129,2 139,2	50,5 55,6 60,6 70,6 80,6 90,7 100,7 110,7 120,7 130,8 140,8	https://standar	ds.iteh.ai/catalo	ISO/DIS 8670 g/standards/sist	<u>5</u> /d405777c-19	4a-4897-b60b		
55 60 65 70 80 90 100 110 120 130	54,4 59,4 64,4 69,4 79,4 89,3 99,3 109,3 119,3 129,2	50,5 55,6 60,6 70,6 80,6 90,7 100,7 110,7 120,7 130,8	https://standar	ds.iteh.ai/catalo	ISO/DIS 867/ g/standards/sist a70400a/iso-d	<u>5</u> /d405777c-19			

Table 2 — Product grade A – M18×2 to M24×2

d , <i>d</i> × <i>P</i> ^a max. min. max. min. max. min.	M16×1,5 4,5 1,5 0,8 0,2 17,7	(M18×2) 6,0 2,0 0,8 0,2	(M18×1,5) 4,5 1,5 0,8 0,2	M20×2 6,0 2,0 0,8	(M20×1,5) 4,5 1,5	(M22×2) 6,0 2,0	(M22×1,5) 4,5 1,5
min. max. min. max.	1,5 0,8 0,2	2,0 0,8 0,2	1,5 0,8	2,0	1,5		
max. min. max.	0,8 0,2	0,8 0,2	0,8		-	2,0	15
min. max.	0,2	0,2	,	0,8	0.0		1,5
max.			0.2		0,8	0,8	0,8
-	17,7		0,2	0,2	0,2	0,2	0,2
min.		20,2	20,2	22,4	22,4	24,4	24,4
	22,00	24,85	24,85	27,70	27,70	31,35	31,35
min.	26,17	29,56	29,56	32,95	32,95	37,29	37,29
nom.	10	11,5	11,5	12,5	12,5	14	14
max.		11,85	11,85	12,85	12,85	14,35	14,35
min.	9,71	11,15	11,15	12,15	12,15	13,65	13,65
min.	6,80	7,81	7,81	8,51	8,51	9,56	9,56
min.	0,6	0,6	0,6	0,8	0,8	0,8	0,8
om. = max.	24,00	27,00	27,00	30,00	30,00	34,00	34,00
min.		26,16	26,16	29,16	29,16	33,00	33,00
<i>l</i> iin. max.	Ra	nge of standa	rdised length	s between the	e stepped disc	ontinuous li	nes
	Product grade A: see Tables 1or 2						
8,0 162,0	iTeh	STAN	DARD	PRFV	TEW		
8,0 182,0							
7,7 202,3		(stand	dards.n	teh.ai)			
]	Lengths to be	agreed betwe	en the purch	aser and the i	nanufacture	r — — — — –
e pitch of the t	https://standar hread.	ds.iteh.ai/catalo	g/standards/sist		4a-4897-b60b	-	
	max. min. min. min. min. min. min. min. max. min. min. max. min. min. min. min. min. max. min. max.	max. 10,29 min. 9,71 min. 9,71 min. 0,6 m. = max. 24,00 min. min. 23,16 // max. - - 3,0 162,0 3,0 182,0 7,7 202,3 - - zes shown in brackets are n	max. 10,29 11,85 min. 9,71 11,15 min. 6,80 7,81 min. 0,6 0,6 m. = max. 24,00 27,00 min. 23,16 26,16 min. max. Range of standa min. max. max. min. 23,16 26,16 min. max. max. max. max. </td <td>max. 10,29 11,85 11,85 min. 9,71 11,15 11,15 min. 6,80 7,81 7,81 min. 0,6 0,6 0,6 min. 0,6 27,00 27,00 min. 23,16 26,16 26,16 min. max. 23,16 26,16 26,16 min. max. Product gr Product gr a.0 162,0 ITeb STAN DARD Product gr a.0 182,0 Itengths to be agreed between the second second</td> <td>max. 10,29 11,85 11,85 12,85 min. 9,71 11,15 11,15 12,15 min. 6,80 7,81 7,81 8,51 min. 0,6 0,6 0,6 0,8 m. = max. 24,00 27,00 27,00 30,00 min. 0,6 26,16 26,16 29,16 min. max. 23,16 26,16 26,16 29,16 max. max. Product grade A: see Ta Product grade A: see Ta 3,0 162,0 Image of standardised lengths between the purch 3,0 182,0 Image of standardised lengths in the purch max max Image of standardised lengths in the purch max max Image of standardised lengths in the purch max Image of standardised lengths in the purch Image of standardised lengths in the purch max Image of standardised lengths in the purch Image of standardised lengths in the purch max Image of standardised lengthsed lengths Image of standardised lengt</td> <td>max. 10,29 11,85 11,85 12,85 12,85 min. 9,71 11,15 11,15 12,15 12,15 min. 6,80 7,81 7,81 8,51 8,51 min. 0,6 0,6 0,6 0,8 0,8 m. = max. 24,00 27,00 27,00 30,00 30,00 min. 23,16 26,16 26,16 29,16 29,16 max. max. Product grade A: see Tables 1or 2 20,0 20,0 20,0 max. max. Product grade A: see Tables 1or 2 20,0 20,0 20,0 max. max. Product grade A: see Tables 1or 2 20,0 20,0 20,0 20,0 max. Product grade A: see Tables 1or 2 20,0 20,0 20,0 20,0 20,0 max. Product grade A: see Tables 1or 2 20,0 20,0 20,0 20,0 max. Product grade A: see Tables 1or 2 20,0 20,0 20,0 <t< td=""><td>max. 10,29 11,85 11,85 12,85 12,85 14,35 min. 9,71 11,15 11,15 12,15 12,15 13,65 min. 6,80 7,81 7,81 8,51 8,51 9,56 min. 0,6 0,6 0,6 0,8 0,8 0,8 min. 24,00 27,00 27,00 30,00 30,00 34,00 min. 23,16 26,16 26,16 29,16 29,16 33,00 min. max. Product grade A: see Tables 1or 2 20,16 33,00 162,0 11,85 182,0 <td< td=""></td<></td></t<></td>	max. 10,29 11,85 11,85 min. 9,71 11,15 11,15 min. 6,80 7,81 7,81 min. 0,6 0,6 0,6 min. 0,6 27,00 27,00 min. 23,16 26,16 26,16 min. max. 23,16 26,16 26,16 min. max. Product gr Product gr a.0 162,0 ITeb STAN DARD Product gr a.0 182,0 Itengths to be agreed between the second	max. 10,29 11,85 11,85 12,85 min. 9,71 11,15 11,15 12,15 min. 6,80 7,81 7,81 8,51 min. 0,6 0,6 0,6 0,8 m. = max. 24,00 27,00 27,00 30,00 min. 0,6 26,16 26,16 29,16 min. max. 23,16 26,16 26,16 29,16 max. max. Product grade A: see Ta Product grade A: see Ta 3,0 162,0 Image of standardised lengths between the purch 3,0 182,0 Image of standardised lengths in the purch max max Image of standardised lengths in the purch max max Image of standardised lengths in the purch max Image of standardised lengths in the purch Image of standardised lengths in the purch max Image of standardised lengths in the purch Image of standardised lengths in the purch max Image of standardised lengthsed lengths Image of standardised lengt	max. 10,29 11,85 11,85 12,85 12,85 min. 9,71 11,15 11,15 12,15 12,15 min. 6,80 7,81 7,81 8,51 8,51 min. 0,6 0,6 0,6 0,8 0,8 m. = max. 24,00 27,00 27,00 30,00 30,00 min. 23,16 26,16 26,16 29,16 29,16 max. max. Product grade A: see Tables 1or 2 20,0 20,0 20,0 max. max. Product grade A: see Tables 1or 2 20,0 20,0 20,0 max. max. Product grade A: see Tables 1or 2 20,0 20,0 20,0 20,0 max. Product grade A: see Tables 1or 2 20,0 20,0 20,0 20,0 20,0 max. Product grade A: see Tables 1or 2 20,0 20,0 20,0 20,0 max. Product grade A: see Tables 1or 2 20,0 20,0 20,0 <t< td=""><td>max. 10,29 11,85 11,85 12,85 12,85 14,35 min. 9,71 11,15 11,15 12,15 12,15 13,65 min. 6,80 7,81 7,81 8,51 8,51 9,56 min. 0,6 0,6 0,6 0,8 0,8 0,8 min. 24,00 27,00 27,00 30,00 30,00 34,00 min. 23,16 26,16 26,16 29,16 29,16 33,00 min. max. Product grade A: see Tables 1or 2 20,16 33,00 162,0 11,85 182,0 <td< td=""></td<></td></t<>	max. 10,29 11,85 11,85 12,85 12,85 14,35 min. 9,71 11,15 11,15 12,15 12,15 13,65 min. 6,80 7,81 7,81 8,51 8,51 9,56 min. 0,6 0,6 0,6 0,8 0,8 0,8 min. 24,00 27,00 27,00 30,00 30,00 34,00 min. 23,16 26,16 26,16 29,16 29,16 33,00 min. max. Product grade A: see Tables 1or 2 20,16 33,00 162,0 11,85 182,0 <td< td=""></td<>

Table 3 — Product grade B – M16×1,5 to M22×1,5