

**COMMON MATERIALS MANAGEMENT DEPARTMENT (STEEL DIVISION)**

Ref: CMM/Steel/E1453056/Corrigendum-2

Date: 15.01.26

**Sub: Corrigendum 2 in E1453056 – Various sizes of round seamless tubes:**

- Applicable technical specifications against each item is **revised** as below:

<b>Item</b>	<b>Item description</b>	<b>Original Specification</b>	<b>Applicable Specification</b>	<b>Meters</b>
<b>01</b>	(40 NB) OD 50 mm X ID 44 mm – 3 mm tk	<b>TRE 192</b>	<b>TRE 192 Rev.01</b>	40
<b>02</b>	(50 NB) OD 60.3 mm X ID 53 mm – 3.65 mm tk	<b>TRE 190</b>	<b>TRE 190 Rev.01</b>	80
<b>03</b>	(80 NB) OD 80 mm X ID 74 mm – 3 mm tk	<b>TRE 192</b>	<b>TRE 192 Rev.01</b>	200
<b>04</b>	(100 NB) OD 114.3 mm X ID 105.3 mm – 4.5 mm tk	<b>TRE 190</b>	<b>TRE 190 Rev.01</b>	1700
<b>05</b>	(125 NB) OD 139.7 mm X ID 130 mm – 4.85 mm tk	<b>TRE 190</b>	<b>TRE 190 Rev.01</b>	20
<b>06</b>	(150 NB) OD 168.3 mm X ID 158.6 mm – 4.85 mm tk	<b>TRE 190</b>	<b>TRE 190 Rev.01</b>	10
<b>07</b>	(200 NB) OD 219.1 mm X ID 207.3 mm – 5.9 mm tk	<b>TRE 190</b>	<b>TRE 190 Rev.01</b>	940
<b>08</b>	(250 NB) OD 273 mm X ID 260.4 mm – 6.3 mm tk	<b>TRE 190</b>	<b>TRE 190 Rev.01</b>	30
Total				3020

- ***Due date of submission of bids has been increased to 1600 hrs IST 28.01.26 from 16.01.26. Offers shall be opened on 1630 hrs IST of 28.01.26.***

Rest all terms and conditions of the enquiry shall remain same.

(Vineet Suman)  
**Sr. Manager (CMM – Steel)**



**TITLE: -Seam less tube of steel**

**TRE/190**

1 पृष्ठों में 1

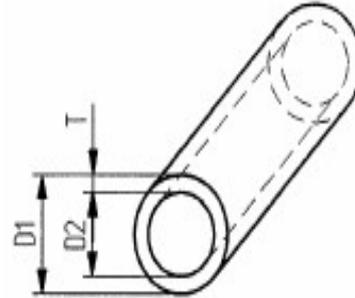
PAGE 1 OF 1

**STRUCTURAL TUBES OF STEEL, SEAMLESS**  
Based on DIN 2440

(Metric)

Old material designation: 2 1230-00, St33-2  
New material designation: EN 10 025 S 185  
ASTM A53 Grade A Type S

Dimension and tolerances: DIN 2440  
Material no.: 1.0035



Article no.	Dimensions				Weight [kg]
	Nominal diam. DN	D1	D2	T(min)	
1ZBA136001-W	6	10.2	6.2	2.00	0.41
1ZBA136001-Y	8	13.7	9.2	2.24	0.63
1ZBA136001-D	10	17.2	12.5	2.35	0.85
1ZBA136001-E	15	21.3	16	2.65	1.22
1ZBA136001-F	20	26.9	21.6	2.65	1.58
1ZBA136001-U <sup>1)</sup>	25	33.7	26.5	3.60	2.65
1ZBA136001-G		33.7	27.2	3.25	2.14
1ZBA136001-H	32	42.4	35.9	3.25	3.14
1ZBA136001-J	40	48.3	41.8	3.25	3.61
1ZBA136001-K	50	60.3	53	3.65	5.10
1ZBA136001-V	65	76.1	68.8	3.65	6.51
1ZBA136001-T <sup>1)</sup>	75	76.1	70.3	2.90	5.23
1ZBA136001-M	80	88.9	80.8	4.05	8.47
1ZBA136001-N	100	114.3	105.3	4.5	12.1
1ZBA136001-P	125	139.7	130	4.85	16.2
1ZBA136001-X	150	165.1	155.4	4.85	19.2
1ZBA136001-R <sup>1)</sup>		168.3	158.6	4.85	19.6
1ZBA136001-B <sup>1)</sup>	200	219.1	207.3	5.9	33.2
1ZBA136001-S <sup>1)</sup>	250	273	260.4	6.3	41.2

1) not in DIN 2440  
Delivery length 6m±1m

**Note:** Tolerances for D1 < 50 mm - ±1 mm  
Tolerances for D1 ≥ 50 mm - ±2 mm.

पुनः Rev. 01 10/06/26	Note added, Dim. T revised to T (min)		सं.	CHECKED & APPROVED S.K.M		दिनांक DATE 21.05.12
				A.K.D	PREPD.	

R.F.F.  
 COMP. drg  
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TITLE: -Seamless tube of steel

TRE/192

2 पृष्ठों में 1

PAGE 1 OF 2

R.F.F.

COMP. dfg

**TUBES OF STEEL.**  
Welded, cold worked  
Precision steel tubes

**ROHRE AUS STAHL.**  
Geschweisste, kaltgeformt  
Präzisionsstahlrohre

**RÖR AV STÅL.**  
Svetsade, kallbearbetade  
precisionsstålrör

Based on

Basis

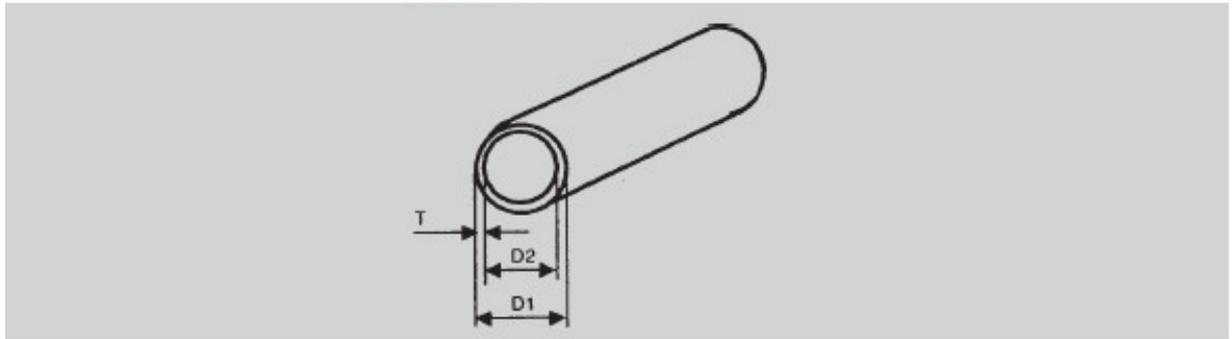
Baserad på

ISO 3305, DIN 2393-2, SMS 1895

Dimensions and mass

Abmessungen und Masse  
(Gewicht)

Dimensioner och massa



D1	T, mm					
	1	1,5	2	2,5	3	4
mm	Mass/ Masse/ Massa kg/m (7,85 kg/dm <sup>3</sup> )					
10	0,222	0,314	0,394			
12	0,271	0,388	0,493			
14	0,321		0,592			
16	0,370	0,536	0,691	0,832		
18	0,419		0,789			
20	0,469	0,684	0,888	1,08		
22	0,518		0,986		1,41	
25	0,592	0,869	1,13	1,39	1,63	
28	0,666		1,28		1,85	
30	0,715		1,38		2,00	
32		1,13	1,48	1,82	2,15	
35			1,63		2,37	
38			1,78		2,59	
40		1,42	1,87	2,31	2,74	
50			2,37		3,48	4,54
60			2,86		4,22	5,52
70			3,35		4,96	6,51
80					5,70	7,50
100					7,18	9,47
120					8,66	11,4

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पुनः Rev.  
01  
10.01.26

Note Added, sheet 2 deleted.

KDS

NM

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CHECKED &  
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A.K.Dदिनांक  
DATE  
21.05.12



TITLE: -Seamless tube of steel

TRE/192

2 पृष्ठों में 2

PAGE 2 OF 2

TUBES OF STEEL.  
Welded, cold worked  
precision steel tubesROHRE AUS STAHL.  
Geschweisste, kaltgeformt  
PräzisionsstahlrohreRÖR AV STÅL.  
Svetsade, kallbearbetade  
precisionsstålrör

Material

Werkstoff

Material

ISO 3305 - R33-BK  
DIN 2393-2 - RSt 34-2 BK"BBC" St 34-2 BK  
"ASEA" 2 1265-90

Delivery lengths

Lieferlänge

Leveranslängder

5 - 6 m

Article No.

Ident-Nr.

Artikelnummer

D1	T	D2	Article No. Ident-Nr.	1)	D1	T	D2	Article No. Ident-Nr.	1)
mm	mm	mm	Artikelnummer		mm	mm	mm	Artikelnummer	
10	1,5	8	9ADA 142-1	NBT 200320 P 147	30	1	28	9ADA 142-30	NBT 200320 P 162
10	1,5	7	9ADA 142-2	NBT 200320 P 233	30	2	26	9ADA 142-31	NBT 200320 P 338
10	2	6	9ADA 142-3	NBT 200320 P 323	30	3	24	9ADA 142-32	NBT 200320 P 526
12	1	10	9ADA 142-4	NBT 200320 P 149	32	1,5	29	9ADA 142-33	NBT 200320 P 249
12	1,5	9	9ADA 142-5	NBT 200320 P 235	32	2	28	9ADA 142-34	NBT 200320 P 339
12	2	8	9ADA 142-6	NBT 200320 P 325	32	2,5	27	9ADA 142-35	NBT 200320 P 437
14	1	12	9ADA 142-7	NBT 200320 P 151	32	3	26	9ADA 142-36	NBT 200320 P 527
14	2	10	9ADA 142-8	NBT 200320 P 327	35	2	31	9ADA 142-37	NBT 200320 P 341
16	1	14	9ADA 142-9	NBT 200320 P 153	35	3	29	9ADA 142-38	NBT 200320 P 529
16	1,5	13	9ADA 142-10	NBT 200320 P 239	38	2	34	9ADA 142-39	NBT 200320 P 343
16	2	12	9ADA 142-11	NBT 200320 P 329	38	3	32	9ADA 142-40	NBT 200320 P 531
16	2,5	11	9ADA 142-12	NBT 200320 P 427	40	1,5	37	9ADA 142-41	NBT 200320 P 254
18	1	16	9ADA 142-13	NBT 200320 P 154	40	2	36	9ADA 142-42	NBT 200320 P 344
18	2	14	9ADA 142-14	NBT 200320 P 330	40	2,5	35	9ADA 142-43	NBT 200320 P 442
20	1	18	9ADA 142-15	NBT 200320 P 155	40	3	34	9ADA 142-44	NBT 200320 P 532
20	1,5	17	9ADA 142-16	NBT 200320 P 241	50	2	46	9ADA 142-45	NBT 200320 P 348
20	2	16	9ADA 142-17	NBT 200320 P 331	50	3	44	9ADA 142-46	NBT 200320 P 536
20	2,5	15	9ADA 142-18	NBT 200320 P 429	50	4	42	9ADA 142-47	NBT 200320 P 616
22	1	20	9ADA 142-19	NBT 200320 P 156	60	2	56	9ADA 142-48	NBT 200320 P 353
22	2	18	9ADA 142-20	NBT 200320 P 332	60	3	54	9ADA 142-49	NBT 200320 P 541
22	3	16	9ADA 142-21	NBT 200320 P 520	60	4	52	9ADA 142-50	NBT 200320 P 621
25	1	23	9ADA 142-22	NBT 200320 P 158	70	2	66	9ADA 142-51	NBT 200320 P 357
25	1,5	22	9ADA 142-23	NBT 200320 P 244	70	3	64	9ADA 142-52	NBT 200320 P 545
25	2	21	9ADA 142-24	NBT 200320 P 334	70	4	62	9ADA 142-53	NBT 200320 P 625
25	2,5	20	9ADA 142-25	NBT 200320 P 432	80	3	74	9ADA 142-54	NBT 200320 P 547
25	3	19	9ADA 142-26	NBT 200320 P 522	80	4	72	9ADA 142-55	NBT 200320 P 627
28	1	26	9ADA 142-27	NBT 200320 P 161	100	3	94	9ADA 142-56	NBT 200320 P 551
28	2	24	9ADA 142-28	NBT 200320 P 337	100	4	92	9ADA 142-57	NBT 200320 P 631
28	3	22	9ADA 142-29	NBT 200320 P 525	120	3	114	9ADA 142-58	NBT 200320 P 553
					120	4	112	9ADA 142-59	NBT 200320 P 633

**Note:** Tolerances for D1 < 50 mm - ±1 mm

Tolerances for D1 ≥ 50 mm - ±2 mm

Dim. T mentioned in the table to be read as T (min).

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Note Added, sheet 2 deleted.

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