



**Seamless hot rolled cylindertube according EN 10210-1/2 (DIN 2448/1629)
Material E355 (St. 52.0) of S355J2H (St. 52.3 N),min 27J /-20°C, inw. diam H8**

articlecode: **152**

According to

Material	: E355 - (St. 52.0) or S355J2H (St. 52.3 N), min 27J /-20°C, inw. diam H8 materialnumber 1.0576
Outside diameter	: EN 10210-1/2 (DIN 2448 (hot rolled))
Inside diameter	: honed or skived + roller burnished with H8 tolerance surface roughness (Ra) max. 0,4 µm measured with cut-off length of 0,8 mm
Straightness	: maximum 1:1000 mm maximum deviation compared to straight line the outside diameter tolerance not calculated
Wall thickness deviation	: according EN 10210 (DIN 2448)
Lengths	: deliveries in commercial lengths, or fixed lengths on request during the cutting there is a possibility that tube-ends slightly (outside H8) ovalise
Ends	: the ends of the tubes are protected

Mechanical properties

Tensile strength	: $\geq 500-650$ N/mm ²
Yieldstrength	: ≥ 335 N/mm ²
Elongation (A5)	: ≥ 21 %
Internal pressure	: DIN 2413 safety factor 2

**Seamless hot rolled cylindertube according EN 10210-1/2
(DIN 2448/1629) E355 (St. 52.0) or S355J2H (St. 52.3N),min 27J /-20°C,
inw. diam H8**



	Inside mm	Wall thickness mm	Outside mm	Kg/m	Int. pressure in bar (S=2)	articlecode 152
	116	18,20	152,4	60,23	367	
	130	11,20	152,4	39,00	226	
	180	19,55	219,1	96,20	274	
	180	24,50	229,0	123,55	329	
	190	19,50	229,0	101,00	262	
	200	22,25	244,5	121,95	280	
	200	27,00	254,0	151,14	327	
	200	36,50	273,0	212,87	411	
	220	17,00	254,0	99,40	206	
	220	26,50	273,0	161,10	298	
	250	24,25	298,5	164,00	250	
	250	36,95	323,9	261,47	351	
	280	21,95	323,9	163,44	208	
	280	37,80	355,6	296,24	327	
	300	34,00	368,0	280,10	284	
	300	27,80	355,6	224,72	241	
	320	24,00	368,0	203,60	200	
	320	43,20	406,4	386,92	327	
	360	23,20	406,4	219,23	174	

Seamless hot rolled cylindertube according EN 10210-1/2
(DIN 2448/1629) E355 (St. 52.0) or S355J2H (St. 52.3N), min 27 J /-20°C,
inw. diam H8

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**Seamless cold drawn cylindertube according EN 10305-1 / E355+SR
(DIN 2391) H8 - E355+SR (St. 52.0 BK + S) (annealed)**

articlecode:

151

According to

Material	: H8 - E355+SR (St. 52.0 BK + S) annealed materialnumber 1.0421
Outside diameter	: EN 10305-1 (DIN 2391) bright drawn
Inside diameter	: honed or skived + roller burnished with H8 tolerance surface roughness (Ra) max. 0,4 µm measured with cut-off length of 0,8 mm
Straightness deviation	: maximum 1:1000 mm maximum deviation compared to straight line the outside diameter tolerance not calculated
Wall thickness deviation	: maximum +/- 10%
Lengths	: deliveries in commercial lengths, or fixed lengths on request during the cutting there is a possibility that tube-ends slightly ovalise

Mechanical properties

Tensile strength	: ≥ 570 N/mm ²
Yieldstrength	: ≥ 470 N/mm ²
Elongation (A5)	: ≥ 15 %
Internal pressure	: DIN 2413-part 1 safety factor 2

**Seamless cold drawn cylindertube according EN 10305-1 (DIN 2391)
H8 - E355+SR (St. 52.0 BK+S)**

	Inside mm	Wall thickness mm	Outside mm	Kg/m	Int. pressure in bar (S=2)	articlecode 151
Seamless cold drawn cylindertybe according EN 10305-1 (DIN 2391) H8 - E355+SR (St. 52.0 BK+S)	25	5	35	3,70	616	215200
	25	7,5	40	6,01	808	
	30	5	40	4,32	539	
	32	5	42	4,56	513	
	35	5	45	4,93	479	
	40	5	50	5,55	431	
	40	6	52	6,81	517	
	40	7,5	55	8,79	588	
	40	10	60	12,33	719	
	45	5	55	6,17	392	
	45	7,5	60	9,71	539	
	50	5	60	6,78	359	
	50	7,5	65	10,63	498	
	50	10	70	14,80	616	
	50	12,5	75	19,27	719	
	50,8	4,75	60,3	6,51	340	
	55	5	65	7,40	332	
	55	7,5	70	11,56	462	
	55	10	75	16,03	410	
	57,15	6,35	69,85	9,94	392	
	60	5	70	8,01	308	
	60	6	72	9,77	359	
	60	7,5	75	12,48	431	
	60	10	80	17,26	539	
	60	12,5	85	22,50	470	
	63	5	73	8,38	295	
	63	6	75	10,21	345	
	63	7,5	78	13,03	415	
	63	10	83	18,01	520	
	65	5	75	8,63	287	
	65	7,5	80	13,41	404	
	65	10	85	18,50	498	
	65	12,5	90	23,89	564	
	70	5	80	9,25	269	
	70	6	82	11,24	316	
	70	7,5	85	14,33	380	
	70	10	90	19,73	479	
	70	12,5	95	25,43	567	
	70	15	100	31,44	479	
	75	5	85	9,87	253	
	75	7,5	90	15,26	359	
75	10	95	20,96	454		
76,2	6,35	88,9	12,93	308		
76,2	9,525	95,25	20,14	431		
80	5	90	10,50	239		
80	6	92	12,73	281		
80	7,5	95	16,18	340		
80	10	100	22,19	431		
80	15	110	35,14	588		
82,5	9,55	101,6	21,68	405		
85	7,5	100	17,11	323		
85	10	105	23,43	411		

	Inside mm	Wall thickness mm	Outside mm	Kg/m	Int. pressure in bar (S=2)	articlecode 151
Seamless cold drawn cylindertybe according EN 10305-1 (DIN 2391) H8 - E355+SR (St. 52.0 BK+S)	90	5	100	11,71	216	215200
	90	7,5	105	18,03	308	
	90	10	110	24,66	392	
	90	15	120	38,84	539	
	95	7,5	110	18,96	218	
	95	12,5	120	33,14	449	
	100	5	110	12,95	196	
	100	7,5	115	19,88	281	
	100	10	120	27,13	359	
	105	7,5	120	20,81	269	
	105	10	125	28,40	345	
	110	5	120	14,18	180	
	110	7,5	125	21,73	259	
	100	12,5	125	34,68	431	
	100	15	130	42,54	498	
	100	20	140	59,18	616	
	105	12,5	130	36,22	415	
	110	10	130	29,59	332	
	110	15	140	46,24	462	
	114,3	6,35	127	18,84	160	
	115	7,5	130	22,66	249	
	115	10	135	30,83	319	
	115	12,5	140	39,30	385	
	120	7,5	135	23,58	240	
	120	10	140	32,06	308	
	120	12,5	145	40,85	365	
	120	15	150	49,94	431	
	125	5	135	16,03	160	
	125	7,5	140	24,51	237	
	125	10	145	33,29	297	
	125	12,5	150	42,39	359	
	125	15	155	51,79	417	
	125	17,5	160	61,50	472	
	130	10	150	34,52	287	
	130	15	160	53,64	404	
	135	12,5	160	45,47	330	
	140	7,5	155	27,28	209	
	140	10	160	37,00	269	
	140	12,5	165	47,00	327	
	140	15	170	57,33	380	
140	20	180	78,91	479		
145	12,5	170	48,55	235		
150	7,5	165	29,13	196		
150	10	170	39,46	254		
150	15	180	61,03	359		
160	7,5	175	30,98	185		
160	12,5	185	53,18	291		
160	15	190	64,73	340		
160	10	180	41,92	240		
160	20	200	88,78	431		
165	12,5	190	54,71	210		
170	15	200	68,43	323		
170	10	190	44,39	227		
180	10	200	46,85	216		
180	15	210	72,14	309		

* All mentioned sizes have a delivery time of minimum 1 week s.b.u.

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	Inside mm	Wall thickness mm	Outside mm	Kg/m	Int. pressure in bar	articlecode 151	
Seamless cold drawn cylindertybe according EN 10305-1 (DIN 2391) H8 - E355+SR (St. 52.0 BK+S)	215200						
	180	20	220	98,64	392		
	190	15	220	75,83	294		
	190	19,5	229	100,74	367		
	190	20	230	103,57	375		
	200	7,5	215	38,38	150		
	200	15	230	79,53	281		
	200	10	220	51,79	196		
	200	17,5	235	93,86	315		
	200	22,5	245	123,45	396		
	220	12,5	245	71,49	220		
	220	15	250	86,93	259		
	240	15	270	94,32	240		
	250	15	280	98,02	231		
	250	25	300	169,54	359		
	1215240		(min. 27J/-20° C)				
	170	15	200	68,43	323		
	180	10	200	46,85	216		
	180	15	210	72,13	309		
	200	10	245	123,45	388		
	200	22,5	245	123,45	388		
	220	15	250	86,93	259		
	220	25,5	271	154,38	406		
	250	15	280	98,02	231		
	250	25	300	169,54	359		

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**Welded cold drawn DOM cylindertube according EN 10305-2 (DIN 2393)
H8 - E355+SR (St. 52.3 BKS)**

articlecode: **292**

According to

Material	: H8 - E355+SR (St. 52.3 BKS) (normalised)
Diameter	: EN 10305-2 (DIN 2393) (bright drawn)
Inside diameter	: honed or skived + roller burnished with H8 tolerance surface roughness (Ra) max. 0,4 µm measured with cut-off length of 0,8 mm
Straightness deviation	: maximum 1:1000 mm measured on the outside diameter compared to straight line while the diameter tolerance is not calculated
Wall thickness tolerance	: maximum +/- 3%
Lengths	: deliveries in commercial lengths, or fixed lengths on request

Mechanical properties

Yieldstrength	: ≥ 585 N/mm ²
Tensile strength	: ≥ 520 N/mm ²
Elongation (A5)	: ≥ 18 %
Internal pressure	: DIN 2413-part 1 safety factor 2

**Welded cold drawn DOM cylindertube according
EN 10305-2 (DIN 2393) H8 - E355-SR (St. 52.3 BKS)-**



	Inside mm	Wall thickness mm	Outside mm	Kg/m	Int. pressure in bar	articlecode 292
<p>Welded cold drawn DOM cylindertube according EN 10305-2 (DIN 2393) H8 - E355-SR (St. 52.3 BKS)</p>		<p>Sizes on request</p>				

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**Welded cold bright drawn cylindertube according EN 10305-2
(DIN 2393) H9 - E355+C (St. 52 BK)**

articlecode: **292**

According to

Material	: H9 - E355+C (St. 52 BK)
Diameter	: EN 10305-2 (DIN 2393) (bright drawn)
Inside diameter	: cold drawn with H9 tolerance surface roughness (Ra) max. 0,8 µm measured with cut-off length of 0,8 mm
Straightness deviation	: maximum 1:1000 mm measured on the outside diameter compared to straight line while the diameter tolerance is not calculated
Wall thickness tolerance	: maximum +/- 5%
Lengths	: deliveries in commercial lengths, or fixed lengths on request

Mechanical properties

Yieldstrength	: ≥ 650 N/mm ²
Tensile strength	: ≥ 590 N/mm ²
Elongation (A5)	: ≥ 10 %
Internal pressure	: DIN 2413-part 1 safety factor 2

**Welded cold bright drawn cylindertube according
DIN 2393 H9 - St. 52 BK**



	Inside mm	Wall thickness mm	Outside mm	Int. pressure Kg/m in bar (S=2)	articlecode 292
	25	5	35	3,70	795
	30	5	40	4,32	695
	32	5	42	4,56	662
	35	5	45	4,93	618
	40	5	50	5,55	556
	45	5	55	6,17	506
	50	5	60	6,78	464
	52	5	62	7,03	437
	55	5	65	7,40	428
	60	5	70	8,01	397
	60	6	72	9,77	464
	60	7,5	75	12,48	556
	65	5	75	8,63	371
	63	6	75	10,21	445
	70	5	80	9,25	348
	63	5	73	8,38	381
	70	6	82	11,25	407
	80	5	90	10,48	309
	80	6	92	12,72	365
	85	7,5	100	17,10	417
	90	6	102	14,20	330
	90	7,5	105	18,03	397
	100	7,5	115	19,88	363
	110	7,5	125	21,73	334

**Welded cold bright drawn cylindertube according
DIN 2393 H9 - St. 52 BK**

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Not mentioned sizes on request

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