

**HOT-ROLLED STEEL FOR STRUCTURAL PURPOSE (10025-2)**

S235JRH - S275J0H – S275J2H - S355J0H – S355J2H

Diameter (mm)	Thickness (mm)					
	1,5*	2*	2.5	3	4	5
12	0,39					
14	0,46					
15	0,50	0,64				
16	0,54	0,69				
17,2 (3/8")		0,74				
18	0,61	0,79				
20	0,68	0,89				
21,3 (1/2")	0,72	0,95	1.16	1.35	1.68	
22	0,76	0,99				
25	0,87	1.13	1.39	1.63		
26,9 (3/4")	0,94	1.23	1.5	1.77	2,27	
28	0,98	1.28	1.57	1.85		
30	1,05	1.38	1.7	2,00	2,56	
32	1,13	1.48	1.82	2,15		
33,7 (1")	1,17	1.56	1.92	2,27	2,86	3,45
35	1,24	1.63	2,00	2,37	3,06	
38	1,35	1.78	2,19	2,59	3,35	
40	1,42	1.87	2,31	2,74	3,55	4,32
42,4 (1" 1/4)	1,50	1.99	2,46	2,91	3,79	4,56
45	1,61	2,12	2,62	3,11	4,04	
48,3 (1" 1/2)	1,72	2,27	2,81	3,33	4,34	5,30
50	1,79	2,37	2,93	3,48	4,54	5,55
56	2,02	2,66	3,30	3,92		
57	2,05	2,71	3,36	4,00	5,23	6,41
60,3 (2")	2,18	2,88	3,56	4,24	5,55	6,82
63.5		3,03	3,76	4,48	5,87	7,21
70	2,53	3,35	4,16	4,96	6,51	8,01
76,1 (2" 1/2)	2,76	3,65	4,54	5,41	7,11	8,77
80	2,90	3,85	4,78	5,70	7,50	9,25
83	3,01	4,00	4,96	5,92	7,79	9,62
88,9 (3")	3,23	4,29	5,33	6,36	8,38	10,3
101,6 (3" 1/2)		4,91	6,11	7,29	9,63	11,9
108		5,23	6,50	7,77	10,3	12,70
114,3 (4")		5,54	6,89	8,23	10,9	13,50
121		5,87	7,31	8,73	11,5	14,30
127 (4" 1/2)		6,17	7,68	9,17	12,10	15,00
133		6,46	8,05	9,62	12,70	15,80
139,7 (5")				10,1	13,40	16,60
152.4			9,24	11,1	14,60	18,20
159		7,42	9,65	11,5	15,30	19,00
168,3 (6")				12,20	16,20	20,1
177.8				12,93	17,15	21,31
193.7				14,10	18,70	23,30
219,1 (8")				16,00	21,2	26,40
244.5				17,90	23,70	29,50
273 (10")				20,00	26,50	33,00
323,9 (12")						39,33
355,6 (14")						43,20

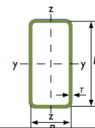
**HOT-ROLLED STEEL FOR STRUCTURAL PURPOSE (10025-2)**

S235JRH - S275J0H – S275J2H - S355J0H – S355J2H

Dimensions	Thickness (mm)					
	1,5*	2*	2.5	3	4	5
10x10	0,36					
12x12	0,45					
15x15	0,59	0,74				
20x20	0,83	1,05	1,25	1,42		
25x25	1,06	1,36	1,64	1,89		
30x30	1,30	1,68	2,03	2,36	2,94	3,42
35x35	1,53	1,99	2,42	2,83	3,57	
40x40	1,77	2,31	2,82	3,30	4,20	4,99
45x45	2,00	2,62	3,21	3,77	4,83	5,77
50x50	2,24	2,93	3,60	4,25	5,45	6,56
55x55		3,25	3,99	4,72	6,08	
60x60	2,71	3,56	4,39	5,19	6,71	8,13
70x70	3,18	4,19	5,17	6,13	7,97	9,70
80x80	3,65	4,82	5,96	7,07	9,22	11,30
90x90		5,45	6,74	8,01	10,50	12,80
100x100		6,07	7,53	8,96	11,70	14,40
110x110				9,90	13,00	16,00
120x120				10,80	14,20	17,50
130x130				6,01	15,50	19,10
140x140				12,70	16,80	20,70
150x150				13,70	18,00	22,30
160x160				14,60	19,30	23,80
175x175				16,00	21,20	26,20
180x180				16,50	21,80	27,00
200x200				18,40	24,30	30,10
220x220				20,30	26,80	33,20
250x250				23,10	30,60	38,00
260x260				24,00	31,80	39,50
280x280				25,90	34,30	42,70
300x300					36,90	45,80
* We can supply it pickled						

**HOT-ROLLED STEEL FOR STRUCTURAL PURPOSE (10025-2)**

S235JRH - S275J0H – S275J2H - S355J0H – S355J2H

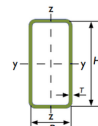
 Rectangular structural tubes  
 Tubes rectangulaire structurales  
 Tubos rectangular estructural


Dimensions	Thickness (mm)					
	1,5*	2*	2.5	3	4	5
15x10	0.36					
20x10	0.59	0.74				
20x15	0.71	0.89	1.05			
25x10	0.71	0.89	1.05			
25x15	0.83	1.05	1.25	1.42		
25x20	0.94	1.21	1.44	1.65		
30x10	0.83	1.05	1.25			
30x15	0.94	1.21	1.44	1.65		
30x20	1.06	1.36	1.64	1.89		
30x25	1.18	1.52	1.84	2.13		
35x10	0.94	1.21	1.44			
35x15	1.06	1.36	1.64	1.89		
35x20	1.18	1.52	1.84	2.13		
35x25	1.3	1.68	2.03	2.36		
40x10	1.06	1.36	1.64			
40x15	1.18	1.52	1.84	2.13		
40x20	1.3	1.68	2.03	2.36		
40x25	1.41	1.83	2.23	2.6	3.26	
40x27	1.46	1.9	2.31			
40x30	1.53	1.99	2.42	2.83	3.57	
45x15	1.3	1.68	2.03			
45x20	1.41	1.83	2.23	2.6		
45x25	1.53	1.99	2.42	2.83		
45x30	1.65	2.15	2.62	3.07		
50x10	1.3	1.68	2.03			
50x15	1.41	1.83	2.23			
50x20	1.53	1.99	2.42	2.83		
50x25		2.15	2.62	3.07		
50x30	1.77	2.31	2.82	3.3	4.2	
50x40	2,00	2.62	3.21	3.77	4.83	5.77
60x10	1.53	1.99	2.42			
60x15	1.65	2.15	2.62	3.07		
60x20	1.77	2.31	2.82	3.3		
60x30	2,00	2.62	3.21	3.77	4.83	5.77
60x40	2.24	2.93	3.6	4.25	5.45	6.56
60x50		3.25	3.99	4.72	6.08	7.34
65x35		2.93	3.6			
70x20	2,00	2.62	3.21	3.77		
70x30	2.24	2.93	3.6	4.25	5.45	
70x40	2.47	3.25	3.99	4.72	6.08	7.34
70x50	2.71	3.56	4.39	5.19	6.71	8.13
80x15	2.12	2.78		4.01		
80x20	2.24	2.93	3.6	4.25		

**HOT-ROLLED STEEL FOR STRUCTURAL PURPOSE (10025-2)**

S235JRH - S275J0H – S275J2H - S355J0H – S355J2H

Rectangular structural tubes  
 Tubes rectangulaire structurales  
 Tubos rectangular estructural

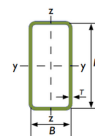


Dimensions	Thickness (mm)					
	1,5*	2*	2.5	3	4	5
80x30	2.47	3.25	3.99	4.72	6.08	
80x40	2.71	3.56	4.39	5.19	6.71	8.13
80x50	2.95	3.88	4.78	5.66	7.34	8.91
80x60	3.18	4.19	5.17	6.13	7.97	9.7
90x20	2.47	3.25	3.99			
90x30	2.71	3.56	4.39	5.19	6.71	
90x40		3.88	4.78	5.66	7.34	8.91
90x50		4.19	5.17	6.13	7.97	9.7
90x60		4.5	5.56	6.6	8.59	10.5
100x20	2.71	3.56	4.39	5.19		
100x30	2.95	3.88	4.78	5.66	7.34	8.91
100x40	3.18	4.19	5.17	6.13	7.97	9.7
100x50	3.42	4.5	5.56	6.6	8.59	10.5
100x60		4.82	5.96	7.07	9.22	11.3
100x80		5.45	6.74	8.01	10.5	12.8
110x50		4.82	5.96	7.07	9.22	11.3
120x30		4.5	5.56	6.6	8.59	
120x40	3.65	4.82	5.96	7.07	9.22	11.3
120x50		5.13	6.35	7.54	9.85	12.1
120x60		5.45	6.74	8.01	10.5	12.8
120x80		6.07	7.53	8.96	11.7	14.4
120x100				9.9	13,00	16,00
130x50		5.45	6.74	8.01	10.5	12.8
130x60				8.48	11.1	13.6
140x40		5.45	6.74	8.01	10.5	12.8
140x60		6.07	7.53	8.96	11.7	14.4
140x70			7.92	9.43	12.4	15.2
140x80		6.7	8.31	9.9	13,00	16,00
150x30		5.45	6.74	8.01	10.5	
150x40		5.76	7.13	8.48	11.1	13.6
150x50		6.07	7.53	8.96	11.7	14.4
150x60				9.43	12.4	15.2
150x100		7.64	9.49	11.3	14.9	18.3
160x60				9.9	13,00	16,00
160x80				10.8	14.2	17.5
180x60				10.8	14.2	17.5
180x80				11.8	15.5	19.1
180x100				12.7	16.8	20.7
180x120					18,00	22.3
200x40					14.2	17.5
200x80				12.7	16.8	20.7
200x100				13.7	18,00	22.3
200x120					19.3	23.8

**HOT-ROLLED STEEL FOR STRUCTURAL PURPOSE (10025-2)**

S235JRH - S275J0H – S275J2H - S355J0H – S355J2H

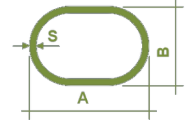
Rectangular structural tubes  
 Tubes rectangulaire structurels  
 Tubos rectangular estructural



Dimensions	Thickness (mm)					
	1,5*	2*	2.5	3	4	5
200x150				16,00	21.2	26.2
220x80					18,00	22.3
220x100					19.3	23.8
220x120					20.5	25.4
250x100				16,00	21.2	26.2
250x150					24.3	30.1
300x100					24.3	30.1
300x150					27.4	34,00
300x200					30.6	38,00
400x100					30.6	38,00
400x200					36.9	45.8
* We can supply it pickled						

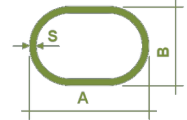
**OVAL TUBES EN 10305-3 S1, S2, S3, S4**  
**S235JRH - S275J0H – S275J2H - S355J0H – S355J2H**

**Oval tubes**  
**Tubes oval**  
**Tubos ovales**



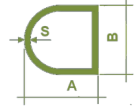
external dimensions	wall thickness mm												
	0,6	0,7	0,8	0,9	1	1,1	1,2	1,4	1,5	1,8	2	2,5	3
<b>A x B mm</b>													
<b>12,8 x 3,8</b>	0,131	0,152	0,171	0,190	0,209	0,227	0,245	0,280					
<b>13,5 x 4,5</b>	0,139	0,160	1,181	0,202	0,222	0,241	0,260	0,300					
<b>14 x 8</b>	0,168	0,195	0,221	0,246	0,271	0,296	0,320	0,359	0,398				
<b>17,5 x 5</b>	0,183	0,212	0,240	0,268	0,296	0,323	0,349	0,387	0,425				
<b>18 x 10</b>	0,213	0,247	0,280	0,313	0,345	0,377	0,408	0,454	0,499				
<b>20 x 10</b>	0,228	0,264	0,300	0,335	0,370	0,404	0,438	0,487	0,536	0,630	0,691		
<b>20 x 15</b>	0,260	0,300	0,340	0,380	0,420	0,460	0,500	0,570	0,610	0,720	0,790		
<b>21,5 x 4</b>	0,213	0,247	0,280	0,313	0,345	0,377	0,408	0,454	0,499	0,630	0,691		
<b>22 x 10</b>	0,250	0,290	0,333	0,372	0,411	0,449	0,487	0,542	0,597	0,717	0,796		
<b>22 x 12</b>	0,263	0,305	0,347	0,388	0,429	0,469	0,509	0,567	0,625	0,737	0,809		
<b>22 x 14</b>	0,272	0,316	0,359	0,401	0,444	0,486	0,527	0,587	0,647	0,763	0,838		
<b>22 x 15</b>	0,279	0,324	0,369	0,413	0,456	0,499	0,541	0,604	0,666	0,786	0,863		
<b>23 x 13</b>	0,279	0,324	0,369	0,413	0,456	0,499	0,541	0,604	0,666	0,786	0,863		
<b>24 x 16</b>	0,300	0,350	0,400	0,450	0,490	0,540	0,590	0,680	0,720	0,850	0,940		
<b>25 x 12</b>	0,279	0,324	0,385	0,480	0,476	0,521	0,565	0,630	0,695	0,884	0,927		
<b>25 x 8,6</b>	0,272	0,316	0,359	0,401	0,444	0,486	0,527	0,587	0,647	0,763	0,838		
<b>25 x 15</b>	0,307	0,357	0,406	0,455	0,503	0,551	0,598	0,667	0,736	0,870	0,957		
<b>26 x 16</b>		0,367	0,418	0,468	0,518	0,567	0,616	0,687	0,758	0,897	0,986		
<b>27,6 x 12,7</b>		0,367	0,418	0,468	0,518	0,567	0,616	0,687	0,758	0,897	0,986		
<b>28 x 15</b>		0,380	0,440	0,490	0,540	0,590	0,650	0,750	0,790	0,940	1,030		
<b>30 x 10</b>		0,380	0,429	0,482	0,536	0,587	0,637	0,712	0,786	0,921	1,023		
<b>30 x 15</b>		0,419	0,477	0,535	0,592	0,648	0,704	0,787	0,869	1,030	1,130		
<b>30 x 17</b>		0,420	0,485	0,544	0,602	0,659	0,716	0,800	0,884	1,040	1,150		
<b>30 x 20</b>		0,454	0,548	0,615	0,681	0,746	0,811	0,906	1,000	1,190	1,310		
<b>31 x 16</b>		0,430	0,500	0,562	0,622	0,681	0,740	0,827	0,914	1,085	1,194		
<b>32 x 16</b>		0,440	0,501	0,561	0,621	0,681	0,740	0,827	0,914	1,080	1,190		
<b>33 x 10</b>		0,410	0,467	0,525	0,583	0,639	0,694	0,775	0,856	1,006	1,117		
<b>34 x 16</b>		0,482	0,549	0,615	0,681	0,746	0,811	0,940	1,003	1,190	1,313		
<b>34 x 17,5</b>		0,472	0,537	0,602	0,660	0,730	0,794	0,888	0,981	1,164	1,283		
<b>35 x 11</b>		0,440	0,501	0,561	0,621	0,681	0,740	0,860	0,914	1,080	1,190		
<b>35 x 12</b>		0,449	0,512	0,574	0,635	0,696	0,756	0,845	0,934	1,100	1,220		
<b>35 x 15</b>			0,537	0,602	0,666	0,730	0,793	0,887	0,980	1,163	1,283		
<b>35 x 20</b>			0,576	0,646	0,715	0,784	0,852	0,953	1,054	1,252	1,381		
<b>36 x 18</b>			0,576	0,646	0,715	0,784	0,852	0,951	1,050	1,250	1,380	1,700	
<b>38 x 16</b>			0,576	0,646	0,715	0,784	0,852	0,951	1,050	1,250	1,380	1,700	
<b>38 x 20</b>			0,615	0,690	0,764	0,838	0,912	1,016	1,120	1,340	1,480	1,810	
<b>39,7 x 14,7</b>			0,576	0,646	0,715	0,784	0,852	0,951	1,050	1,250	1,380	1,700	
<b>40 x 10</b>			0,576	0,646	0,715	0,784	0,852	0,951	1,050	1,250	1,380	1,700	
<b>40 x 14</b>			0,576	0,646	0,715	0,784	0,852	0,951	1,054	1,252	1,381	1,730	
<b>40 x 20</b>			0,635	0,712	0,789	0,865	0,941	1,051	1,160	1,380	1,520	1,880	2,220
<b>40 x 22</b>			0,640	0,721	0,801	0,878	0,955	1,069	1,182	1,400	1,555	1,910	
<b>40 x 25</b>			0,675	0,757	0,839	0,920	1,001	1,121	1,240	1,475	1,629	2,005	
<b>40 x 28</b>			0,690	0,780	0,860	0,950	1,030	1,190	1,270	1,510	1,670	2,060	
<b>44,5 x 15</b>			0,655	0,735	0,814	0,893	0,971	1,130	1,200	1,430	1,570	1,940	
<b>45 x 15</b>			0,657	0,736	0,816	0,896	0,976	1,088	1,200	1,430	1,580	1,950	
<b>45 x 17</b>			0,657	0,757	0,838	0,919	1,000	1,120	1,240	1,470	1,630	1,990	
<b>45 x 20</b>			0,690	0,779	0,863	0,947	1,030	1,150	1,270	1,510	1,670	2,060	
<b>45 x 25</b>			0,730	0,823	0,913	1,001	1,089	1,220	1,351	1,607	1,776	2,180	
<b>47 x 18</b>			0,695	0,780	0,864	0,947	1,030	1,154	1,277	1,519	1,678	2,067	
<b>48 x 20</b>			0,730	0,823	0,912	1,001	1,090	1,220	1,350	1,610	1,780	2,190	
<b>48,5 x 10,2</b>			0,675	0,757	0,839	0,920	1,001	1,121	1,240	1,474	1,628	2,005	
<b>50 x 10</b>			0,694	0,779	0,863	0,947	1,030	1,150	1,270	1,510	1,670	2,000	
<b>50 x 11</b>			0,690	0,780	0,860	0,950	1,030	1,190	1,270	1,510	1,670	2,060	
<b>50 x 20</b>			0,770	0,868	0,962	1,055	1,148	1,287	1,425	1,696	1,875	2,313	2,730
<b>50 x 25</b>			0,808	0,912	1,010	1,105	1,200	1,345	1,490	1,780	1,970	2,430	2,880
<b>50 x 30</b>			0,832	0,934	1,036	1,137	1,237	1,387	1,536	1,829	2,023	2,498	
<b>56 x 11</b>			0,773	0,868	0,962	1,056	1,149	1,287	1,425	1,696	1,875	2,313	

Oval tubes  
Tubes oval  
Tubos ovals



**OVAL TUBES EN 10305-3 S1, S2, S3, S4**  
S235JRH - S275J0H – S275J2H - S355J0H – S355J2H

external dimensions	wall thickness mm												
	0,6	0,7	0,8	0,9	1	1,1	1,2	1,4	1,5	1,8	2	2,5	3
<b>A x B mm</b>													
<b>57 x 12</b>			0,773	0,881	0,978	1,076	1,173	1,320	1,467	1,761	1,907	2,360	
<b>57,5 x 10</b>			0,813	0,868	0,962	1,056	1,150	1,285	1,420	1,700	1,870	2,310	
<b>60 x 10,4</b>			0,813	0,912	1,010	1,105	1,200	1,400	1,490	1,780	1,970	2,430	
<b>60 x 15</b>				0,979	1,090	1,195	1,300	1,455	1,610	1,920	2,120	2,620	
<b>60 x 20</b>				0,990	1,097	1,204	1,310	1,468	1,626	1,930	2,144	2,650	
<b>60 x 25</b>				1,030	1,142	1,257	1,371	1,542	1,713	2,011	2,234	2,760	
<b>60 x 30</b>				1,090	1,220	1,330	1,440	1,615	1,790	2,140	2,370	2,930	3,470
<b>63 x 9</b>				0,979	1,085	1,191	1,296	1,453	1,610	1,918	2,122	2,620	
<b>65 x 30</b>				1,135	1,258	1,381	1,504	1,687	1,869	2,230	2,468	3,054	
<b>68 x 45</b>				1,310	1,450	1,595	1,740	2,020	2,160	2,580	2,860	3,550	
<b>69,3 x 8</b>				1,040	1,150	1,265	1,380	1,610	1,720	2,050	2,270	2,800	
<b>70 x 8</b>				0,646	0,716	0,785	0,853	0,952	1,055	1,202	1,382	1,696	
<b>70 x 10</b>				1,090	1,210	1,325	1,440	1,615	1,790	2,140	2,370	2,930	
<b>70 x 11</b>				1,090	1,209	1,332	1,455	1,625	1,795	2,141	2,369	2,930	
<b>70 x 20</b>					1,260	1,380	1,500	1,685	1,870	2,230	2,470	3,050	
<b>70 x 25</b>					1,330	1,460	1,590	1,785	1,980	2,360	2,610	3,160	
<b>75 x 14</b>					1,280	1,405	1,530	1,715	1,900	2,260	2,510	3,100	
<b>77 x 38</b>					1,520	1,670	1,820	2,045	2,270	2,710	3,010	3,730	4,440
<b>80 x 20</b>					1,410	1,545	1,680	1,885	2,090	2,490	2,760	3,420	
<b>80 x 25</b>						1,600	1,740	1,950	2,160	2,580	2,860	3,550	
<b>80 x 30</b>						1,670	1,820	2,130	2,270	2,710	3,010	3,730	
<b>80 x 45</b>						1,790	2,036	2,283	2,530	3,030	3,350	4,160	
<b>85 x 25</b>						1,680	1,827	2,055	2,283	2,718	3,019	3,740	
<b>90 x 30</b>						1,810	1,975	2,222	2,468	2,939	3,265	4,160	
<b>95 x 30</b>						1,920	2,096	2,440	2,609	3,230	3,445	4,287	
<b>100 x 20</b>						1,920	2,096	2,440	2,609	3,230	3,455	4,287	
<b>98 x 38</b>									2,750	3,290	3,650	4,530	5,400
<b>100 x 30</b>							2,030	2,215	2,580	2,758	3,420	3,652	4,534
<b>103 x 16</b>									2,640	3,160	3,500	4,350	5,180
<b>110 x 25</b>									2,906	3,473	3,848	4,410	4,781
<b>140 x 50</b>										4,710	5,230	6,500	7,770
<b>250 x 50</b>										7,820	8,680	10,810	12,940
<b>245 x 100</b>										8,490	9,430	11,750	14,070



**SEMIOVAL TUBES EN 10305-3 S3**

external dimensions		wall thickness mm												
A x B mm	0,6	0,7	0,8	0,9	1	1,1	1,2	1,4	1,5	1,8	2	2,5	3	
14 x 10				0,260	0,290	0,320	0,350	0,379	0,421	0,462				
25 x 25				0,534	0,601	0,667	0,734	0,800	0,894	0,988	1,161	1,289		
30 x 15				0,510	0,730	0,637	0,701	0,765	0,843	0,921	1,080	1,200		
30 x 20				0,576	0,646	0,715	0,784	0,852	0,951	1,050	1,250	1,380	1,700	
30 x 30				0,655	0,735	0,814	0,893	0,971	1,086	1,200	1,430	1,570	1,940	
35 x 20				0,615	0,690	0,764	0,838	0,912	1,016	1,120	1,340	1,480	1,810	
35 x 25				0,632	0,710	0,789	0,852	0,941	1,051	1,160	1,380	1,520	1,880	
35 x 30				0,729	0,818	0,906	0,994	1,082	1,212	1,341	1,596	1,764	2,174	
35 x 35				0,773	0,868	0,962	1,056	1,150	1,285	1,420	1,700	1,870	2,320	
38 x 20				0,655	0,735	0,814	0,893	0,971	1,086	1,200	1,430	1,570	1,940	
38 x 22				0,675	0,757	0,838	0,919	1,000	1,120	1,239	1,474	1,628	2,004	
40 x 15				0,635	0,712	0,789	0,865	0,941	1,051	1,160	1,380	1,520	1,880	
40 x 20				0,694	0,779	0,863	0,947	1,030	1,150	1,270	1,520	1,670	2,005	
40 x 25				0,734	0,823	0,912	0,956	1,000	1,175	1,350	x	1,780	2,190	
40 x 30				0,774	0,868	0,962	1,055	1,148	1,287	1,425	1,696	1,875	2,313	
40 x 32				0,813	0,912	1,010	1,105	1,200	1,400	1,490	1,780	1,970	2,430	
41 x 35				0,883	0,934	1,034	1,133	1,232	1,379	1,525	1,811	1,999		
48,5 x 35				0,930	1,040	1,150	1,270	1,380	1,610	1,720	2,050	2,270	2,810	
45 x 40				0,931	1,040	1,150	1,265	1,380	1,550	1,720	2,050	2,270	2,800	
50 x 25				0,872	0,979	1,090	1,195	1,300	1,455	1,610	1,920	2,120	2,660	
50 x 30				0,908	1,019	1,130	1,240	1,350	1,570	1,676	1,998	2,210	2,732	
55 x 35							1,260	1,380	1,510	1,750	1,870	2,230	2,470	3,060
60 x 30							1,310	1,430	1,560	1,820	1,940	2,310	2,560	3,170
60 x 40							1,380	1,515	1,650	1,850	2,050	2,450	2,710	3,360
80 x 40							1,738	1,917	2,096	2,353	2,609	3,118	3,454	4,287
90 x 15							1,684	1,853	2,021	2,262	2,502	3,032	3,305	4,108
102 x 20								2,000	2,213	2,540	2,755	3,294	3,649	4,543





**ELLIPTICAL TUBES - 3 S1, S2, S3, S4**

external dimensions A x B mm	wall thickness mm													
	0,6	0,7	0,8	0,9	1	1,1	1,2	1,4	1,5	1,8	2	2,5	3	3,7
18,5 x 13,4		0,264	0,300	0,335	0,370	0,404	0,438	0,487	0,536	0,630				
22 x 14		0,333	0,379	0,424	0,469	0,513	0,556	0,605	0,654	0,808	0,888			
24 x 16		0,333	0,379	0,424	0,469	0,513	0,556	0,605	0,654	0,808	0,888			
26 x 17		0,367	0,418	0,468	0,513	0,565	0,616	0,687	0,758	0,897	0,986			
26 x 18		0,370	0,420	0,470	0,520	0,570	0,620	0,710	0,760	0,900	0,990			
28 x 20		0,402	0,457	0,513	0,567	0,621	0,675	0,780	0,832	0,986	1,080			
29 x 20		0,419	0,477	0,535	0,592	0,648	0,704	0,787	0,869	1,030	1,130			
30 x 14		0,385	0,438	0,490	0,542	0,594	0,645	0,750	0,795	0,941	1,030			
30 x 15		0,367	0,418	0,468	0,513	0,565	0,616	0,687	0,758	0,897	0,986			
30 x 18		0,402	0,457	0,513	0,567	0,621	0,675	0,754	0,832	0,986	1,080			
30 x 19		0,419	0,477	0,535	0,592	0,648	0,704	0,810	0,869	1,030	1,130			
30 x 22		0,471	0,536	0,601	0,666	0,730	0,793	0,887	0,980	1,160	1,280			
31 x 18		0,419	0,477	0,535	0,592	0,648	0,704	0,787	0,869	1,030	1,130			
33 x 16		0,419	0,477	0,535	0,592	0,648	0,704	0,787	0,869	1,030	1,130			
35 x 20		0,481	0,548	0,615	0,681	0,746	0,811	0,906	1,000	1,190	1,310			
36 x 12		0,440	0,501	0,561	0,621	0,681	0,740	0,827	0,914	1,080	1,190	1,462		
40 x 20		0,506	0,576	0,646	0,715	0,784	0,852	0,951	1,050	1,250	1,380	1,696		
40,5 x 15,5		0,506	0,576	0,646	0,715	0,784	0,852	0,951	1,050	1,250	1,380	1,696		
41 x 15		0,506	0,576	0,646	0,715	0,784	0,852	0,951	1,050	1,250	1,380	1,696		
42,3 x 14,2		0,506	0,576	0,646	0,715	0,784	0,852	0,951	1,050	1,250	1,380	1,696		
45 x 15		0,540	0,615	0,690	0,764	0,838	0,912	1,016	1,120	1,340	1,480	1,820		
48 x 25			0,723	0,810	0,898	0,984	1,070	1,199	1,328	1,580	1,740	2,150		
50 x 20			0,723	0,810	0,898	0,984	1,070	1,199	1,328	1,580	1,740	2,150		
50 x 25			0,734	0,823	0,912	1,001	1,090	1,220	1,350	1,610	1,780	2,210		
55 x 15				0,823	0,912	1,001	1,090	1,220	1,350	1,610	1,780	2,190		
60 x 30				0,981	1,095	1,202	1,308	1,464	1,619	1,921	2,121	2,623		
60 x 32				1,046	1,160	1,273	1,386	1,554	1,721	2,052	2,270	2,807		
65 x 18				0,979	1,090	1,195	1,300	1,455	1,610	1,920	2,120	2,620		
70 x 42					1,380	1,515	1,650	1,920	2,050	2,450	2,710	3,360		
73 x 46									2,165	2,585	2,862	3,547	4,219	
76 x 25					1,330	1,460	1,590	1,785	1,980	2,360	2,610	3,240		
76 x 45					1,530	1,670	1,820	2,130	2,270	2,710	3,010	3,730		
93,5 x 59									2,646	3,162	3,504	4,349	5,182	
101 x 50,8						2,140	2,331	2,620	2,908	3,462	3,846	4,776		
120 x 60										4,540	4,590	5,710	6,810	8,340
165 x 125													10,730	13,20