



PRONTUARIO PESI E MISURE



- 1** Idrotermosanitari
- 2** Prodotti siderurgici
- 3** Edilizia e ferramenta
- 4** Arredo Bagni

PRESENTAZIONE



Carboni SPA, presente sul mercato dal 1952, si presenta come una delle più importanti realtà commerciali a livello regionale.

La sede centrale di Correggio si sviluppa su una superficie di 130.000 mq sulla quale insistono 5 grandi strutture di stoccaggio per una superficie coperta di quasi 40.000 mq.

La divisione PRODOTTI SIDERURGICI, occupa una superficie unica di 13.000 mq, modernamente attrezzata con carriponte dotati di elettromagneti per la movimentazione e preparazione delle commesse.

Siamo certificati ISO 9002 dal 1997 successivamente divenute ISO 9001:2008.

Dal 2011, abbiamo ottenuto la qualifica di Centro Trasformazione Acciaio N 1231/11 per taglio travi e profilati oltre alla sagomatura del tondo per CA.

Grazie all'utilizzo di impianti dedicati a specifiche lavorazioni, presso la sede di Correggio sono operative 6 linee di taglio per laminati, travi, tubolari e pannelli coibentati in grado di fornire i prodotti a misura.

Competenza, assortimento, personalizzazione e PUNTUALITÀ del servizio sono gli elementi che caratterizzano la Divisione PRODOTTI SIDERURGICI della CARBONI SPA e che ne fanno un importante punto di riferimento per la clientela più qualificata del settore.



INDICE



DIVISIONE **PRODOTTI SIDERURGICI**

5 TUBI E TUBOLARI A CALDO

15 TUBI E TUBOLARI A FREDDO

21 SERRAMENTI

25 TRAFILATI

31 LAMINATI

39 TRAVI

53 PROFILI APERTI

59 RETI

65 LAMIERE

71 LAMIERE ZINCATE GREGATE

TUBI E
TUBOLARI
A CALDO

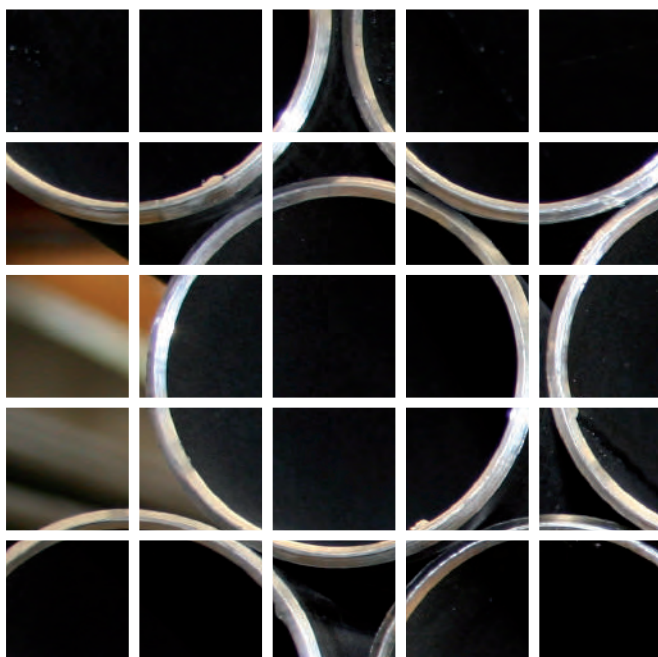
TUBI TONDI A CALDO

Diametro esterno mm	Spessore mm										
	1,5	2	2,5	3	4	5	6	7	8	9	10
	Peso kg/ml										
16	0,54	0,69									
18	0,61	0,79									
20	0,68	0,89									
22	0,76	0,99									
25	0,87	1,13	1,39	1,63							
28	0,98	1,28	1,57	1,85							
30	1,05	1,38	1,70	2,00							
32	1,13	1,48	1,82	2,15							
35	1,24	1,63	2,00	2,37							
38	1,35	1,78	2,19	2,59	3,35						
40	1,42	1,87	2,31	2,74	3,55						
42	1,49	1,97	2,43	2,88	3,75						
45	1,61	2,12	2,62	3,11	4,04						
48	1,72	2,27	2,80	3,33	4,34	5,34					
50	1,79	2,37	2,93	3,48	4,54						
52	1,87	2,47	3,05	3,63	4,74						
55	1,98	2,61	3,24	3,85	5,03						
57	2,05	2,71	3,36	4,00	5,23						
60	2,16	2,86	3,56	4,21	5,52	6,78					
62	2,24	2,96	3,67	4,37	5,72	7,03					
63	2,27	3,01	3,73	4,44	5,82	7,17					
65	2,35	3,11	3,85	4,59	6,02	7,40					
70	2,53	3,35	4,16	4,96	6,51	8,01					
76	2,76	3,65	4,54	5,41	7,11	8,77	10,37				
80	2,90	3,85	4,78	5,70	7,50	9,25	10,95				
83	3,01	4,00	4,96	5,92	7,80	9,62	11,40				
89	3,23	4,29	5,33	6,36	8,38	10,35	12,27	14,14	15,96		
96		4,64	5,76	6,88	9,08	11,22	13,32	15,36			
102		4,93	6,13	7,32	9,67	11,96	14,21	16,40	18,47		
108		5,23	6,50	7,77	10,26	12,70	15,09	17,44			
114		5,52	6,87	8,21	10,90	13,44	15,99	18,48	20,97	23,37	25,72
121		5,87	7,31	8,73	11,45	14,31	17,02	19,69			
127		6,17	7,68	9,17	12,13	15,04	17,90	20,72	23,48	26,19	28,85

Diametro esterno mm	Spessore mm										
			2,5	3	4	5	6	7	8	9	10
	Peso kg/ml										
133			8,05	9,62	12,73	15,78	18,83	21,76			
139			8,42	10,06	13,32	16,53	19,69	22,80	25,98	29,01	31,99
152			9,22	11,05	14,64	18,18	21,66	25,10	28,49	31,83	35,12
159				11,54	15,69	18,99	22,64	26,24	29,79	33,29	36,75
168,3			10,23	12,23	16,21	20,14	24,02	27,85	31,63	35,36	39,04
177,8				12,93	17,14	21,31	25,42	29,49	35,50	37,47	41,38
193,7				14,11	18,71	23,27	27,77	32,23	36,64	40,99	45,30
219,1				15,99	21,22	26,40	31,53	36,61	41,65	46,63	51,57
244,5					23,72	29,53	35,29	41,00	46,66	52,27	57,83
273,0					26,54	33,05	39,51	45,92	52,28	58,60	64,86
323,9					31,56	39,32	47,04	54,71	62,32	69,89	77,41
339,7						41,27	49,38	57,43	65,44	73,40	81,31
355,6						43,23	51,73	60,18	68,58	76,93	85,23
406,4						49,50	59,25	68,95	78,60	88,20	97,76
457,2							66,76	77,72	88,62	99,48	101,29
508,0							74,28	86,49	98,65	110,75	122,81

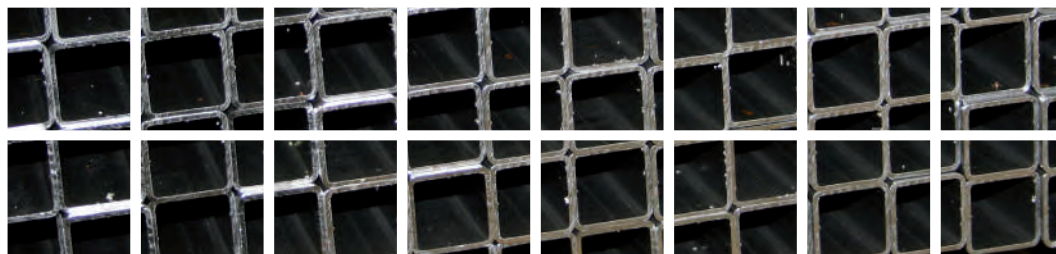
TUBI CARPENTERIA A CALDO

Diametro		Spess. mm	Peso Kg/ml
Pollici	Est. Mm		
3/8"	16,75	1,8	0,66
1/2"	21,25	2,2	1,03
3/4"	26,75	2,5	1,50
1"	33,50	2,65	2,02
1 1/4"	42,40	3	2,91
1 1/2"	48,30	3	3,35
2"	60,30	3	4,24
2 1/2"	76,10	3	5,41
3"	88,90	3	6,36
3 1/2"	101,60	3	7,29
4"	114,30	3	8,23
4 1/2"	127,00	3,7	11,26
5"	139,70	3,7	12,41
5 1/2"	152,00	4	14,61
6"	168,00	4	16,18
7 1/2"	193,70	4	18,65
8"	219,00	5	26,40



TUBI QUADRI A CALDO

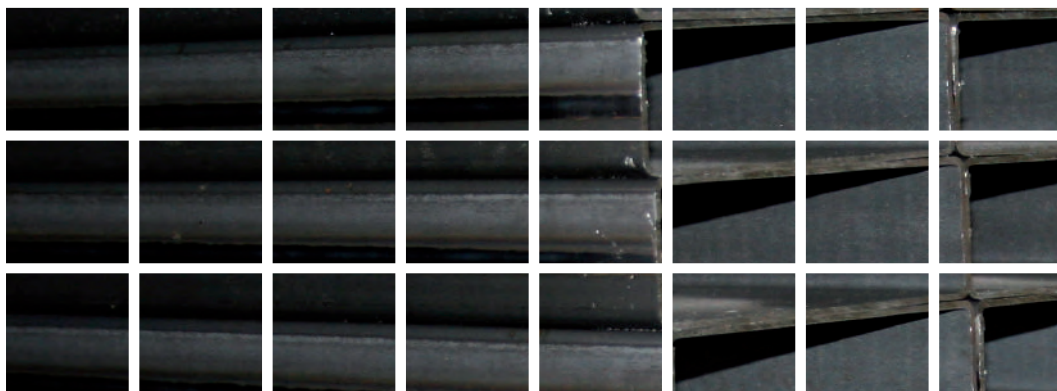
Dimensione lati (AxA) mm	Spessore mm									
	1,5	2	3	4	5	6	7	8	9	10
	Peso kg/ml									
15 x 15	0,64	0,88								
20 x 20	0,87	1,13	1,60							
22 x 22	0,98	1,28	1,85							
25 x 25	1,11	1,44	2,07							
30 x 30	1,34	1,76	2,54	3,27						
35 x 35	1,58	2,07	3,01	4,04						
40 x 40	1,81	2,39	3,48	4,09	4,83					
45 x 45	2,05	2,70	3,96	4,72	5,61					
50 x 50	2,28	3,01	4,43	5,83	6,40					
60 x 60	2,75	3,64	5,37	7,03	7,97	10,34				
70 x 70	3,23	4,27	6,31	8,33	9,54	11,10	12,53			
80 x 80		4,90	7,25	9,55	11,11	12,99	14,72	16,36		
90 x 90		5,50	8,20	10,80	12,68	14,87	16,92			
100 x 100		6,15	9,14	12,06	14,26	16,76	19,12	21,39	22,99	24,89
110 x 110			9,84	12,89	15,83	18,64	21,32	23,90	25,81	28,03
120 x 120			11,00	14,54	17,40	20,53	23,52	26,41	28,64	31,17
140 x 140			12,72	16,76	20,52	24,98	27,91	31,43	34,29	37,45
150 x 150			13,86	18,35	22,11	26,19	30,11	33,95	37,12	40,59
160 x 160			14,61	19,27	23,66	28,04	32,31	36,46	39,94	43,73
175 x 175			16,00	21,22	26,04	30,90	35,61	40,23	44,18	48,44
180 x 180				21,78	26,80	31,81	36,70	41,48	45,60	50,01
200 x 200				24,29	29,94	35,58	41,10	46,51	51,25	56,29
220 x 220			20,06	26,81	33,12	39,39	45,50	51,53	56,90	62,57
250 x 250				30,57	37,79	45,00	52,09	59,07	65,38	71,99
260 x 260				31,76	39,41	46,94	54,29	61,58	68,20	75,13
300 x 300					45,64	54,42	63,08	71,63	79,51	87,69
325 x 325					49,57	59,13	68,58	77,91	86,57	95,54



TUBI RETTANGOLI A CALDO

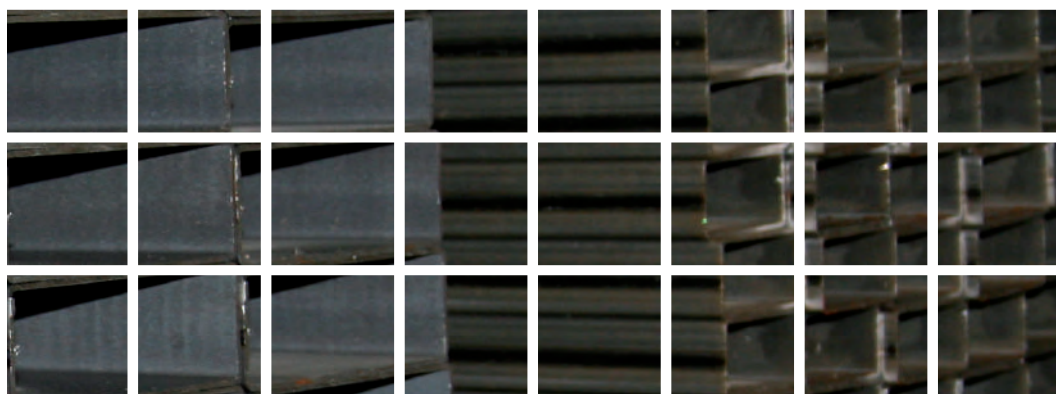
Dimensione lati (AxB) mm	Spessore mm									
	1,5	2	3	4	5	6	7	8	9	10
	Peso kg/ml									
20 x 15	0,75	0,98								
25 x 10	0,75	0,97								
25 x 15	0,87	1,13								
25 x 20	0,99	1,29								
30 x 10	0,87	1,13								
30 x 15	0,99	1,29								
30 x 20	1,11	1,44	2,07							
30 x 25	1,22	1,60	2,31							
35 x 10	0,99	1,29								
35 x 15	1,11	1,44	2,07							
35 x 20	1,22	1,60	2,31							
35 x 25	1,34	1,76	2,54							
40 x 10	1,11	1,44								
40 x 15	1,22	1,60	2,31							
40 x 20	1,34	1,76	2,54	3,35						
40 x 25	1,46	1,91	2,78	3,75						
40 x 30	1,58	2,07	3,01	4,04						
45 x 10	1,22	1,60	2,31							
45 x 15	1,34	1,76	2,54							
45 x 20	1,46	1,91	2,78	3,75						
45 x 25	1,58	2,07	3,01	4,04						
45 x 30	1,69	2,23	3,25	4,34						
50 x 10	1,34	1,76	2,54							
50 x 15	1,46	1,92	2,78							
50 x 20	1,58	2,07	3,01							
50 x 25	1,69	2,23	3,25	4,34						
50 x 30	1,81	2,39	3,48	4,52						
50 x 40	2,05	2,70	3,95	5,15						
60 x 10	1,58	2,07	3,01							
60 x 15	1,69	2,23	3,25							
60 x 20	1,81	2,39	3,48	4,63						
60 x 25	1,93	2,54	3,74	4,93						
60 x 30	2,05	2,70	3,95	5,07						
60 x 40	2,28	3,01	4,43	5,39	6,39					
60 x 50	2,52	3,33	4,90	5,98	8,02					
70 x 20	2,05	2,70	3,95	5,23						

Dimensione lati (AxB) mm	Spessore mm									
	1,5	2	3	4	5	6	7	8	9	10
	Peso kg/ml									
70 x 25	2,17	2,86	4,19							
70 x 30	2,28	3,01	4,43	5,35						
70 x 40	2,52	3,33	4,90	5,98	8,02					
70 x 50	2,76	3,64	5,37	7,05	7,97	9,21	10,34			
80 x 15	2,16	2,86								
80 x 20	2,28	3,01	4,43							
80 x 30	2,52	3,33	4,90	5,98						
80 x 40	2,76	3,64	5,37	7,05	7,97	9,21	10,34			
80 x 50	2,99	3,96	5,84	7,66	9,62					
80 x 60	3,23	4,27	6,31	7,86	9,54	11,10	12,54			
90 x 30	2,76	3,64	5,37	7,10						
90 x 40	2,99	3,96	5,84	7,66	9,62	11,40				
90 x 50	3,23	4,27	6,31	7,86	10,36	12,28				
90 x 60		4,58	6,78	8,92	11,10	13,17				
100 x 20	2,76	3,64	5,37	7,10						
100 x 30	3,00	3,95	5,84	7,66						
100 x 40	3,22	4,27	6,31	7,86	9,54	11,10	12,54			
100 x 50	3,46	4,58	6,78	8,92	11,40	12,04	13,64			
100 x 60		4,90	7,25	9,55	11,77	12,98	14,74			
100 x 70		5,21	7,72	10,17	12,56	13,93				
100 x 80		5,53	8,19	10,80	13,35	14,87	16,94			
110 x 50		4,90	7,25	9,55	11,77					
120 x 30		4,59	6,81	9,55	11,77	12,98	14,74			
120 x 40		4,90	7,25	9,55	11,77					
120 x 60		5,53	8,19	10,80	13,35	14,87	16,94			
120 x 80		6,15	9,14	12,06	14,91	16,76	19,14	21,39		



TUBOLARI RETTANGOLI A CALDO

Dimensione lati (AxB) mm	Spessore mm									
	1,5	2	3	4	5	6	7	8	9	10
	Peso kg/ml									
120 x 100			9,90	12,99	15,81	18,62	21,32			
130 x 50		5,50	8,20	10,80	13,35	14,87				
130 x 60		5,84	8,67	11,43	14,31	17,02	19,60			
140 x 40		5,53	8,19	10,80	13,35	14,87				
140 x 50		5,84	8,67	11,43	14,31	17,02	19,60			
140 x 60		6,15	9,14	12,06	14,91	16,76	19,14			
140 x 70		6,47	9,61	12,27	15,04	17,70	21,76	23,60		
140 x 80			9,90	12,99	15,81	18,62	21,32			
150 x 30		5,50	8,20	10,80	13,35					
150 x 40		5,87	8,73	12,27	15,04	17,70				
150 x 50		6,16	9,14	12,06	14,91	16,76	19,14			
150 x 60			9,60	12,70	15,80	18,80				
150 x 100			11,49	15,20	18,84	21,47	24,90			
160 x 40		6,07	8,96	11,73	14,24	16,74				
160 x 50			9,43	12,36	15,03	17,68				
160 x 60			9,90	12,99	15,81	18,62	21,32			
160 x 80			11,05	14,60	17,38					
180 x 60			11,05	14,60	17,38					
180 x 80			11,73	15,41	18,97					
200 x 100			13,85	18,34	22,09					
250 x 100			15,98	21,07	26,04					
300 x 150				27,36	33,90					
400 x 250				39,89	49,57					

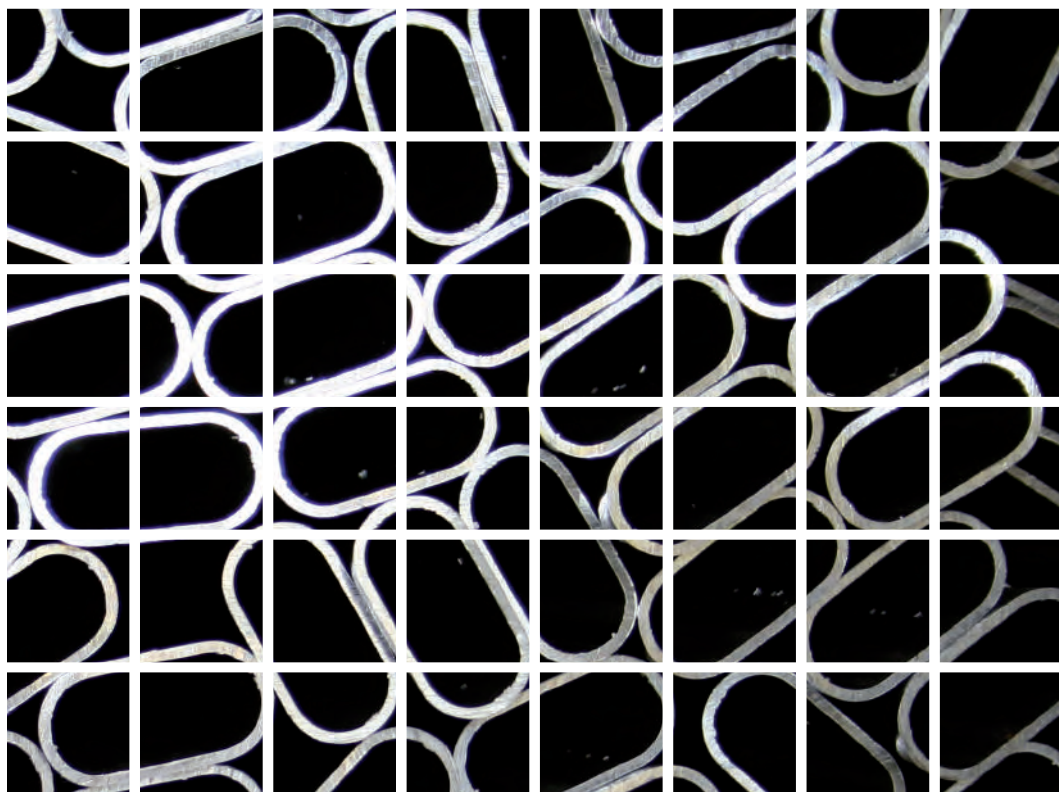


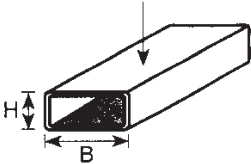
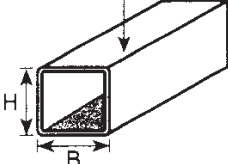
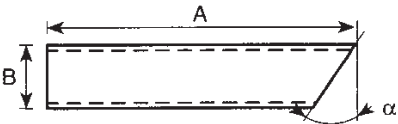
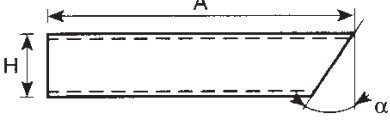
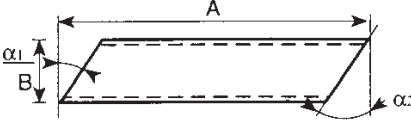
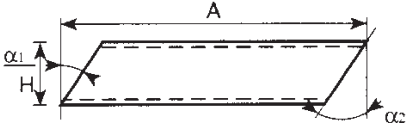
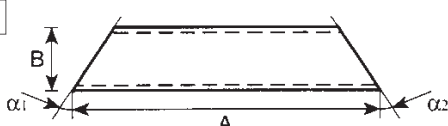
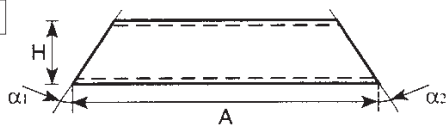
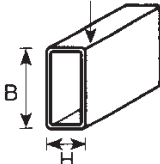
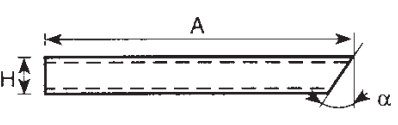
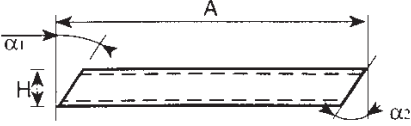
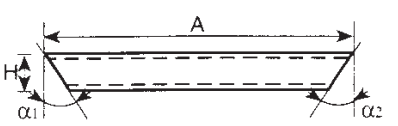
TUBI OVALI A CALDO

Dimensione lati (AxB) mm	Derivato D mm	Spessore mm			
		1,5	1,8	2	2,5
		Peso kg/ml			
20 x 10	16	0,534	0,628	0,688	
25 x 10	19	0,645	0,761	0,835	
25 x 12	20	0,682	0,805	0,884	
25 x 15	22	0,755	0,893	0,983	
30 x 10	23	0,792	0,937	1,032	
30 x 15	25	0,866	1,026	1,130	
30 x 20	26,5	0,921	1,092	1,204	
36 x 18	30	1,050	1,247	1,376	
40 x 20	33	1,161	1,380	1,523	1,873
50 x 20	39	1,345	1,601	1,769	2,180
50 x 25	42	1,492	1,778	1,965	2,426
50 x 30	43	1,529	1,822	2,015	2,487
60 x 20	45	1,603	1,910	2,113	2,610
60 x 30	50	1,787	2,131	2,358	2,917
80 x 45					4,64

TRIANGOLI A CALDO

Dimensione lati (AxB) mm	Spessore mm	
	1,5	2
	Peso kg/ml	
30 x 15	0,860	1,130
40 x 22	1,240	1,630
65 x 30	1,790	2,370
70 x 40	2,090	2,760



	
T1 	T7 
T2 	T8 
T3 	T9 
	
T4 	
T5 	
T6 	

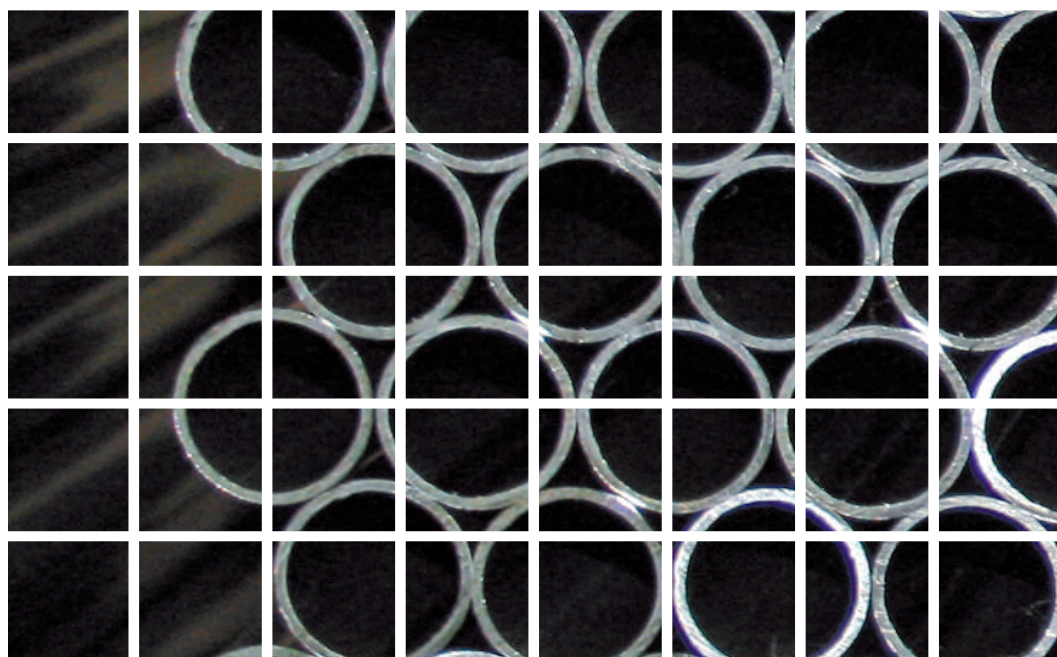
TUBI E
TUBOLARI
A FREDDO

TUBI TONDI A FREDDO

Diametro esterno mm	Spessore mm							
	0,8	0,9	1	1,2	1,5	1,8	2	2,5
	Peso kg/ml							
8			0,180					
9,5	0,171	0,190	0,209	0,245				
10	0,181	0,201	0,221	0,259	0,313			
12	0,220	0,245	0,270	0,318	0,387	0,451		
13	0,240	0,268	0,295	0,348	0,424	0,495	0,540	
14	0,259	0,290	0,319	0,377	0,461	0,539	0,590	
15	0,279	0,312	0,344	0,437	0,497	0,584	0,639	
16	0,299	0,334	0,369	0,436	0,534	0,628	0,688	
17	0,318	0,356	0,393	0,466	0,571	0,672	0,737	
18	0,338	0,378	0,418	0,495	0,608	0,716	0,786	
19	0,358	0,400	0,442	0,525	0,645	0,761	0,835	
20	0,377	0,422	0,467	0,554	0,682	0,805	0,884	1,075
22	0,417	0,467	0,516	0,613	0,755	0,893	0,983	1,198
25	0,476	0,533	0,590	0,702	0,866	1,026	1,130	1,382
27	0,515	0,577	0,639	0,761	0,940	1,114	1,228	1,505
28	0,535	0,599	0,663	0,790	0,977	1,159	1,277	1,566
30	0,574	0,430	0,712	0,849	1,050	1,247	1,376	1,689
32	0,613	0,688	0,762	0,908	1,124	1,335	1,474	1,812
33	0,633	0,710	0,786	0,937	1,161	1,380	1,523	1,873
34	0,653	0,732	0,811	0,967	1,198	1,424	1,572	1,935
35	0,672	0,754	0,835	0,996	1,235	1,468	1,621	1,996
38			0,909	1,085	1,345	1,601	1,769	2,180
40			0,958	1,144	1,419	1,689	1,867	2,303
42			1,007	1,203	1,492	1,778	1,965	2,426
45			1,081	1,291	1,603	1,910	2,113	2,710
48			1,155	1,380	1,714	2,043	2,260	2,795
50			1,204	1,439	1,787	2,131	2,358	2,917
54			1,302	1,557	1,935	2,308	2,555	3,163
57			1,376	1,645	2,045	2,441	2,702	3,347
60			1,449	1,733	2,156	2,574	2,850	3,532
63,5				1,837	2,285	2,728	3,022	3,747
65				1,881	2,340	2,795	3,095	3,839
70					2,524	3,016	3,741	4,146
76				2,200	2,745	3,281	3,636	4,514
80				2,314	2,893	3,458	3,832	4,760
89					3,2			

TUBI QUADRI A FREDDO

Dimensione lati (Ax)A) mm	Derivato D mm	Spessore mm							
		0,8	0,9	1	1,2	1,5	1,8	2	2,5
		Peso kg/ml							
10 x 10	13	0,240	0,268	0,295	0,348	0,424			
12 x 12	15	0,279	0,312	0,344	0,507	0,497	0,584	0,639	
14 x 14	18	0,338	0,348	0,418	0,495	0,608	0,716	0,786	
15 x 15	19	0,358	0,400	0,442	0,525	0,645	0,761	0,835	
16 x 16	20	0,377	0,422	0,467	0,554	0,682	0,805	0,884	
18 x 18	22	0,417	0,467	0,516	0,613	0,755	0,893	0,983	
19 x 19	24	0,456	0,511	0,565	0,672	0,829	0,982	1,081	
20 x 20	25	0,476	0,533	0,590	0,702	0,866	1,026	1,130	
22 x 22	28	0,535	0,599	0,663	0,790	0,997	1,159	1,277	
24 x 24	30	0,574	0,643	0,712	0,849	1,050	1,247	1,376	
25 x 25	32	0,613	0,688	0,762	0,908	1,124	1,335	1,474	1,812
28 x 28	35		0,754	0,835	0,996	1,235	1,468	1,621	1,996
30 x 30	38			0,909	1,085	1,345	1,601	1,769	2,180
35 x 35	45			1,081	1,291	1,603	1,910	2,113	2,610
40 x 40	50			1,204	1,439	1,787	2,131	2,358	2,917
45 x 45	57			1,376	1,645	2,045	2,441	2,702	3,347
50 x 50	63,5				1,837	2,285	2,728	3,022	3,747
60 x 60	76					2,745	3,281	3,636	4,514



TUBI RETTANGOLI A FREDDO

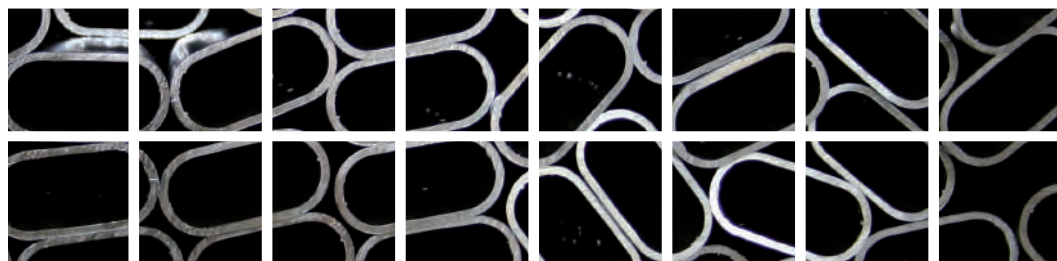
Dimensione lati (AxA) mm	Derivato D mm	Spessore mm							
		0,8	0,9	1	1,2	1,5	1,8	2	2,5
		Peso kg/ml							
15 x 10	16	0,299	0,334	0,369	0,436	0,534	0,628	0,688	
20 x 10	19	0,358	0,400	0,442	0,525	0,645	0,761	0,835	
20 x 15	22	0,417	0,467	0,516	0,613	0,755	0,893	0,983	
25 x 10	22	0,417	0,467	0,516	0,613	0,755	0,893	0,983	
25 x 20	28	0,535	0,599	0,663	0,790	0,977	1,159	1,277	
30 x 10	25	0,476	0,533	0,590	0,702	0,866	1,026	1,130	
30 x 15	28	0,535	0,599	0,663	0,790	0,977	1,159	1,277	
30 x 20	32	0,613	0,688	0,762	0,908	1,124	1,335	1,474	
35 x 15	32	0,613	0,688	0,762	0,908	1,124	1,335	1,474	
40 x 10	32	0,613	0,688	0,762	0,908	1,124	1,335	1,474	
40 x 25	42			1,007	1,203	1,492	1,778	1,965	2,426
40 x 30	45			1,081	1,291	1,603	1,910	2,113	2,610
50 x 10	38			0,909	1,085	1,345	1,601	1,769	
50 x 15	42			1,007	1,203	1,492	1,778	1,965	
50 x 20	45			1,081	1,291	1,603	1,910	2,113	
50 x 25	48			1,155	1,380	1,714	2,043	2,260	2,795
50 x 30	50			1,204	1,439	1,787	2,131	2,358	2,917
50 x 40	57			1,376	1,645	2,045	2,441	2,702	3,347
60 x 10	45			1,081	1,291	1,603	1,910	2,113	
60 x 20	50			1,204	1,439	1,787	2,131	2,358	2,917
60 x 25	55			1,302	1,557	1,935	2,308	2,555	3,163
60 x 30	57			1,376	1,645	2,045	2,441	2,702	3,347
60 x 40	63,5			1,535	1,837	2,285	2,728	3,022	3,747
70 x 30	63,5				1,837	2,285	2,728	3,022	3,747
70 x 40	70				2,028	2,524	3,016	3,741	4,146
70 x 50	76				2,205	2,745	3,281	3,636	4,514
80 x 20	63,5				1,837	2,285	2,728	3,022	3,747
80 x 30	70					2,524	3,016	3,741	4,146
80 x 40	76					2,745	3,281	3,636	4,514
100 x 40						3,230	3,870	4,290	

TUBI OVALI A FREDDO

Dimensione lati (Ax B) mm	Derivato D mm	Spessore mm							
		0,8	0,9	1	1,2	1,5	1,8	2	2,5
		Peso kg/ml							
20 x 10	16	0,299	0,334	0,369	0,436	0,534	0,628	0,688	
25 x 10	19	0,358	0,400	0,442	0,525	0,645	0,761	0,835	
25 x 12	20	0,377	0,422	0,467	0,554	0,682	0,805	0,884	
25 x 15	22	0,417	0,467	0,516	0,613	0,755	0,893	0,983	
30 x 10	23	0,436	0,489	0,540	0,643	0,792	0,937	1,032	
30 x 15	25	0,476	0,533	0,590	0,702	0,866	1,026	1,130	
30 x 20	26,5	0,505	0,566	0,626	0,746	0,921	1,092	1,204	
36 x 18	30	0,574	0,643	0,712	0,849	1,050	1,247	1,376	
40 x 20	33	0,633	0,710	0,786	0,937	1,161	1,380	1,523	1,873
50 x 20	39		0,820	0,909	1,035	1,345	1,601	1,769	2,180
50 x 25	42		0,909	1,007	1,203	1,492	1,778	1,965	2,426
50 x 30	43			1,032	1,232	1,529	1,822	2,015	2,487
60 x 20	45			1,081	1,291	1,603	1,910	2,113	2,610
60 x 30	50			1,204	1,439	1,787	2,131	2,358	2,917
80 x 40									4,610

TUBI ELLITTICI A FREDDO

Dimensione lati (Ax B) mm	Derivato D mm	Spessore mm							
		0,8	0,9	1	1,2	1,5	1,8	2	2,5
		Peso kg/ml							
30 x 15	23	0,436	0,489	0,540	0,643	0,792	0,937	1,032	
40 x 20	30	0,574	0,643	0,712	0,849	1,050	1,247	1,376	
60 x 30						1,720		2,270	
80 x 40						2,300		3,060	
76 x 25								2,610	

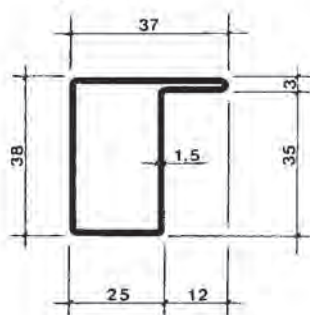


TUBI SEMIOVALI A FREDDO

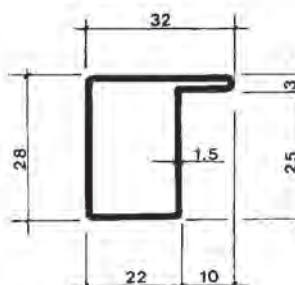
Dimensione lati (AxB) mm	Derivato D mm	Spessore mm							
		0,8	0,9	1	1,2	1,5	1,8	2	2,5
		Peso kg/ml							
30 x 10	24	0,456	0,511	0,565	0,672				
30 x 15	26	0,495	0,555	0,614	0,731				
38 x 22	35	0,672	0,754	0,835	0,996				
40 x 20	35	0,672	0,754	0,835	0,996				
40 x 25	38		0,820	0,909	1,085	1,345	1,601		
30 x 33	38		0,820	0,909	1,085	1,345	1,601		
40 x 30	41			0,983	1,173	1,456	1,733	1,916	2,365
50 x 25	45			1,081	1,291	1,603	1,910	2,113	2,610
50 x 30	48			1,155	1,380	1,714	2,043	2,260	2,795
50 x 35	48					1,714	2,043	2,260	2,795
60 x 30	53,5					1,913	2,286	2,530	3,132
80 x 25	63,5					2,285	2,728	3,022	3,747
80 x 40						2,670		3,550	
100 x 50						3,470		4,540	

SERRAMENTI

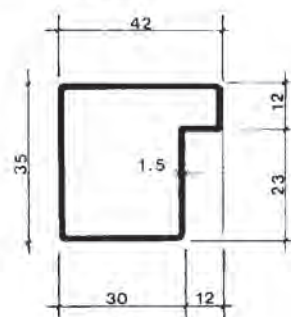
1A kg. ml. 1,72



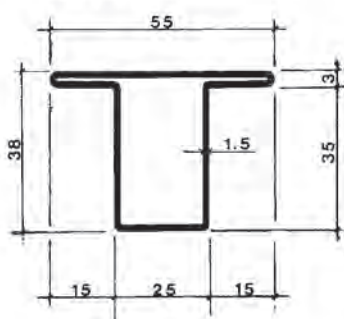
11A kg. ml. 1,34



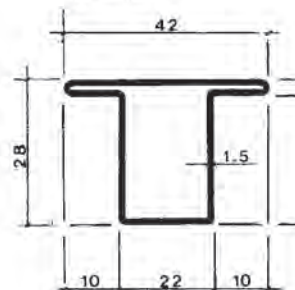
2A kg. ml. 1,76



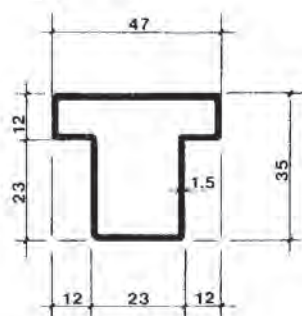
1B kg. ml. 2,10



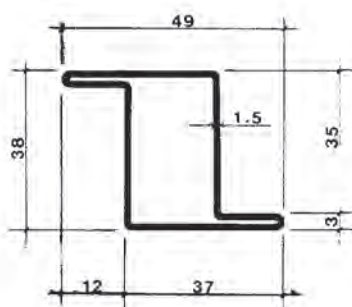
11B kg. ml. 1,57



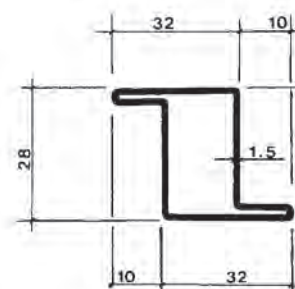
2B kg. ml. 1,88



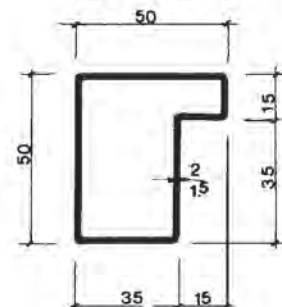
1C kg. ml. 1,99



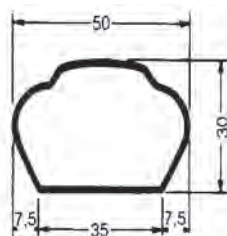
11C kg. ml. 1,57



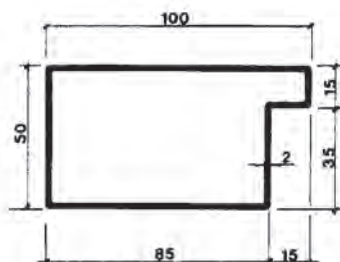
16A SP. 1.5 = kg. ml. 2,33
SP. 2 = kg. ml. 3,08



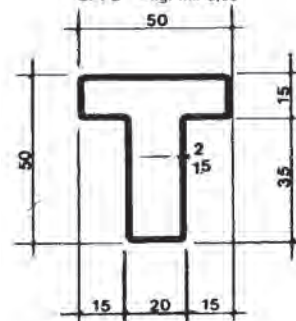
MT 5 SP 1,65



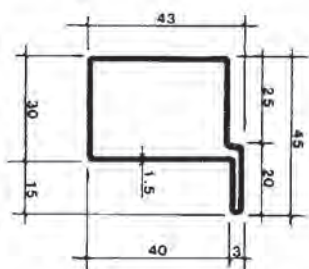
16 D kg. ml. 4,65



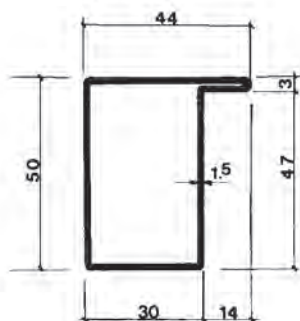
16B SP. 1.5 = kg. ml. 2,33
SP. 2 = kg. ml. 3,08



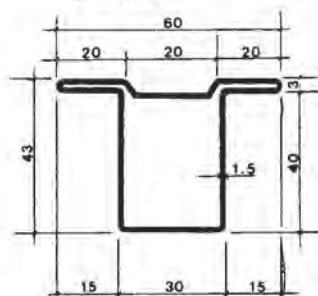
15A kg. ml. 2,04



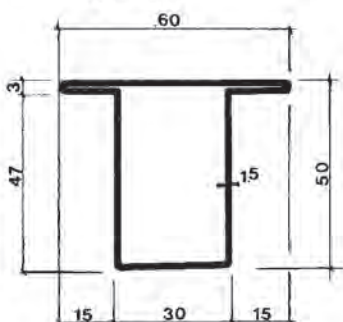
SF1 B kg. ml. 2,15



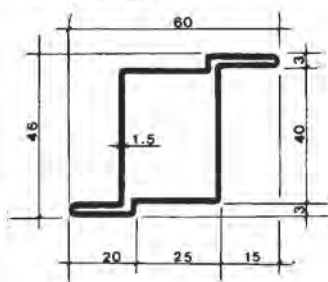
15T kg. ml. 2,45



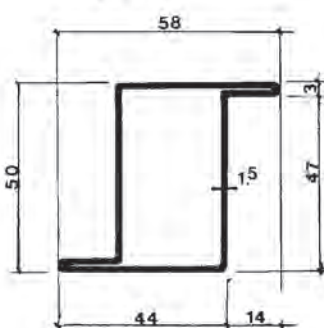
SF2 B kg. ml. 2,52



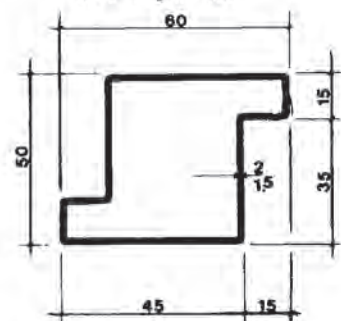
15Z kg. ml. 2,45



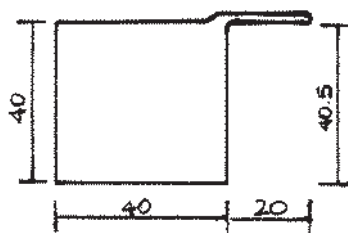
SF3 B kg. ml. 2,52



16Z SP. 1,5 = kg. ml. 2,56
SP. 2 = kg. ml. 3,39



40 A SP 2,280



TRAFILATI

TONDI QUADRI ESAGONI TRAFILATI

Dimensioni diametro mm	peso Kg/ml		
	TONDI	QUADRI	ESAGONO
3	0,055	0,071	
4	0,099	0,125	
5	0,154	0,196	0,170
6	0,222	0,283	0,245
7	0,302	0,385	0,333
8	0,395	0,502	0,435
9	0,499	0,636	0,551
10	0,617	0,785	0,680
11	0,746	0,95	0,823
12	0,888	1,13	0,979
13	1,040	1,33	1,149
14	1,210	1,54	1,332
15	1,390	1,77	1,530
16	1,58	2,01	1,740
17	1,78	2,27	1,965
18	2,00	2,54	2,203
19	2,23	2,83	2,454
20	2,47	3,14	2,719
21	2,72	3,46	2,998
22	2,98	3,80	3,290
23	3,26	4,15	
24	3,55	4,52	3,916
25	3,85	4,91	4,249
26	4,17	5,31	
27	4,49	5,72	4,956
28	4,83	6,15	5,330
29	5,18	6,60	

Dimensioni diametro mm	peso Kg/ml		
	TONDI	QUADRI	ESAGONO
30	5,55	7,07	6,118
31	5,93	7,54	
32	6,31	8,04	6,960
33	6,71	8,55	
34	7,13	9,07	
35	7,55	9,62	8,328
36	7,99	10,20	8,811
37	8,44	10,75	
38	8,90	11,30	9,817
39	9,38	11,90	
40	9,86	12,60	10,88
42	10,90	13,80	12,60
44	11,90	15,20	
45	12,50	15,90	13,77
48	14,20	18,10	
50	15,40	19,60	17,00
55	18,70	23,70	20,56
60	22,20	28,30	24,48
65	26,00	33,20	28,72
70	30,20	38,50	33,32
75	34,70	44,20	38,24
80	39,50	50,20	43,51
85	44,50	56,70	
90	49,50	63,60	55,07
95	55,60	70,90	
100	61,70	78,50	67,98

ANGOLARI TRAFILATI

Dim. Mm	Kg/ml
10x10x2	0,200
12x12x2	0,280
12x12x3	0,320
15x15x2	0,442
15x15x3	0,643
15x15x4	0,850
16x16x3	0,560
18x18x3	0,710
20x20x2	0,580
20x20x3	0,879
20x20x4	1,140
20x20x5	1,420
25x25x2	0,910
25x25x3	1,110

Dim. Mm	Kg/ml
25x25x4	1,450
25x25x5	1,770
30x30x2	0,900
30x30x3	1,360
30x30x4	1,780
30x30x5	2,180
30x30x6	2,580
32x32x3	1,540
32x32x4	2,030
32x32x5	2,480
35x35x3	1,560
35x35x4	2,090
35x35x5	2,570
40x40x3	1,810

Dim. Mm	Kg/ml
40x40x4	2,420
40x40x5	2,970
40x40x6	3,520
45x45x4	2,700
45x45x5	3,380
45x45x6	3,990
50x50x4	3,010
50x50x5	3,770
50x50x6	4,470
60x60x5	4,570
60x60x6	5,420
80x80x6	7,240
80x80x8	9,660
80x80x10	11,85

ELLE TRAFILATI

Dim. Mm	Kg/ml
15x10x3	0,480
20x10x2	0,430
20x10x3	0,640
20x10x4	0,850
20x15x2	0,490
20x15x3	0,740
20x15x4	0,990
25x15x2	0,550
25x15x3	0,830
25x15x4	1,110
25x15x5	1,380
30x20x3	1,090
30x20x4	1,460
30x20x5	2,140

Dim. Mm	Kg/ml
35x20x4	1,700
35x20x5	1,940
40x20x3	1,330
40x20x4	1,770
40x20x5	2,170
40x20x6	2,600
45x30x4	2,220
45x30x5	2,770
45x30x6	3,320
50x30x4	2,360
50x30x5	2,960
50x30x6	3,510
60x30x4	2,700
60x30x5	3,370

Dim. Mm	Kg/ml
60x30x6	3,990
60x40x5	3,760
60x40x6	4,560
80x40x6	5,410
80x40x8	7,210

PIATTI TRAFILATI

Largh. Mm	Peso Kg/ml															
	Spessore in mm															
	3	4	5	6	7	8	10	12	15	20	25	30	35	40	50	60
10	0,24	0,31	0,39	0,47	0,55	0,63	—	—	—	—	—	—	—	—	—	—
12	0,24	0,38	0,47	0,57	0,66	0,74	0,94	—	—	—	—	—	—	—	—	—
15	0,35	0,47	0,59	0,71	0,82	0,94	1,18	—	—	—	—	—	—	—	—	—
16	0,38	0,50	0,63	0,75	0,88	1,00	1,26	—	—	—	—	—	—	—	—	—
18	0,42	0,57	0,71	0,85	0,99	1,13	1,41	—	—	—	—	—	—	—	—	—
20	0,47	0,63	0,79	0,94	1,10	1,26	1,57	1,88	2,36	—	—	—	—	—	—	—
25	0,59	0,77	0,98	1,18	1,37	1,57	1,96	2,36	2,94	3,93	—	—	—	—	—	—
30	0,71	0,94	1,18	1,41	1,65	1,88	2,36	2,83	3,53	4,71	5,89	—	—	—	—	—
35	0,82	1,10	1,37	1,65	1,92	2,20	2,75	3,30	4,19	5,50	6,85	8,24	—	—	—	—
40	0,94	1,26	1,57	1,88	2,20	2,51	3,14	3,77	4,71	6,28	7,85	9,42	—	—	—	—
45	1,06	1,41	1,77	2,12	2,47	2,83	3,53	4,24	5,30	7,06	8,83	10,60	12,36	14,13	—	—
50	1,18	1,57	1,96	2,36	2,75	3,14	3,92	4,71	5,89	7,85	9,81	11,80	13,70	15,70	—	—
55	—	—	2,16	2,59	3,02	3,45	4,32	5,18	6,48	8,64	10,80	13,00	15,11	17,27	—	—
60	—	1,88	2,36	2,83	3,30	3,77	4,71	5,65	7,05	9,42	11,80	14,10	16,50	18,80	23,55	—
65	—	2,04	2,55	3,06	3,57	4,08	5,10	6,12	7,65	10,20	12,80	15,30	17,86	20,40	—	—
70	—	2,20	2,75	3,30	3,85	4,40	5,50	6,59	8,24	11,00	13,70	16,50	19,20	22,00	27,50	—
80	—	2,51	3,14	3,77	4,40	5,02	6,28	7,54	9,42	12,60	15,70	18,80	22,00	25,10	31,40	37,70
90	—	—	3,53	4,24	4,95	5,65	7,06	8,48	10,60	14,10	17,70	21,20	24,70	28,30	35,30	42,40
100	—	—	3,93	4,71	5,50	6,28	7,85	9,42	11,80	15,70	19,60	23,60	27,50	31,40	39,20	47,10
110	—	—	4,32	5,18	6,04	6,91	8,64	10,40	13,00	17,30	21,60	25,90	30,20	34,50	43,20	51,80
120	—	—	4,71	5,65	6,59	7,54	9,42	11,30	14,10	18,80	23,60	28,30	33,00	37,70	47,10	56,50
130	—	—	—	—	—	8,16	10,20	12,20	15,30	20,40	25,50	30,60	35,70	40,80	51,00	61,20
140	—	—	—	—	—	8,79	11,00	13,20	16,50	22,00	27,50	33,00	38,50	44,00	55,00	65,90
150	—	—	—	—	—	9,42	11,80	14,10	17,70	23,60	29,40	35,30	41,20	47,10	58,90	70,60
160	—	—	—	—	—	10,00	12,60	15,10	18,80	25,10	31,40	37,70	44,00	50,20	62,80	75,40
180	—	—	—	—	—	11,30	14,00	16,80	21,00	28,20	35,00	42,50	49,50	56,50	70,70	84,80
200	—	—	—	—	—	12,60	15,70	18,80	23,60	31,40	39,20	47,10	55,00	63,00	79,00	94,20
220	—	—	—	—	—	13,82	17,50	21,00	26,50	35,20	44,00	53,00	61,00	70,00	88,00	103,62
250	—	—	—	—	—	—	20,00	24,00	30,00	40,00	50,00	60,00	70,00	80,00	100,00	117,80
280	—	—	—	—	—	—	22,00	26,40	33,00	44,00	55,00	65,90	76,90	87,90	110,00	—
300	—	—	—	—	—	—	24,00	29,00	36,00	48,00	60,00	72,00	84,00	96,00	120,00	—

LAMINATI

Largh. Mm	Peso Kg/ml															
	Spessore in mm															
	3	4	5	6	7	8	10	12	15	20	25	30	35	40	50	60
10	0,24	0,31	0,39	0,47	0,55	0,63	—	—	—	—	—	—	—	—	—	—
12	0,24	0,38	0,47	0,57	0,66	0,74	0,94	—	—	—	—	—	—	—	—	—
15	0,35	0,47	0,59	0,71	0,82	0,94	1,18	—	—	—	—	—	—	—	—	—
16	0,38	0,50	0,63	0,75	0,88	1,00	1,26	—	—	—	—	—	—	—	—	—
18	0,42	0,57	0,71	0,85	0,99	1,13	1,41	—	—	—	—	—	—	—	—	—
20	0,47	0,63	0,79	0,94	1,10	1,26	1,57	1,88	2,36	—	—	—	—	—	—	—
25	0,59	0,77	0,98	1,18	1,37	1,57	1,96	2,36	2,94	3,93	—	—	—	—	—	—
30	0,71	0,94	1,18	1,41	1,65	1,88	2,36	2,83	3,53	4,71	5,89	—	—	—	—	—
35	0,82	1,10	1,37	1,65	1,92	2,20	2,75	3,30	4,19	5,50	6,85	8,24	—	—	—	—
40	0,94	1,26	1,57	1,88	2,20	2,51	3,14	3,77	4,71	6,28	7,85	9,42	—	—	—	—
45	1,06	1,41	1,77	2,12	2,47	2,83	3,53	4,24	5,30	7,06	8,83	10,60	12,36	14,13	—	—
50	1,18	1,57	1,96	2,36	2,75	3,14	3,92	4,71	5,89	7,85	9,81	11,80	13,70	15,70	—	—
55	—	—	2,16	2,59	3,02	3,45	4,32	5,18	6,48	8,64	10,80	13,00	15,11	17,27	—	—
60	—	1,88	2,36	2,83	3,30	3,77	4,71	5,65	7,05	9,42	11,80	14,10	16,50	18,80	23,55	—
65	—	2,04	2,55	3,06	3,57	4,08	5,10	6,12	7,65	10,20	12,80	15,30	17,86	20,40	—	—
70	—	2,20	2,75	3,30	3,85	4,40	5,50	6,59	8,24	11,00	13,70	16,50	19,20	22,00	27,50	—
80	—	2,51	3,14	3,77	4,40	5,02	6,28	7,54	9,42	12,60	15,70	18,80	22,00	25,10	31,40	37,70
90	—	—	3,53	4,24	4,95	5,65	7,06	8,48	10,60	14,10	17,70	21,20	24,70	28,30	35,30	42,40
100	—	—	3,93	4,71	5,50	6,28	7,85	9,42	11,80	15,70	19,60	23,60	27,50	31,40	39,20	47,10
110	—	—	4,32	5,18	6,04	6,91	8,64	10,40	13,00	17,30	21,60	25,90	30,20	34,50	43,20	51,80
120	—	—	4,71	5,65	6,59	7,54	9,42	11,30	14,10	18,80	23,60	28,30	33,00	37,70	47,10	56,50
130	—	—	—	—	—	8,16	10,20	12,20	15,30	20,40	25,50	30,60	35,70	40,80	51,00	61,20
140	—	—	—	—	—	8,79	11,00	13,20	16,50	22,00	27,50	33,00	38,50	44,00	55,00	65,90
150	—	—	—	—	—	9,42	11,80	14,10	17,70	23,60	29,40	35,30	41,20	47,10	58,90	70,60
160	—	—	—	—	—	10,00	12,60	15,10	18,80	25,10	31,40	37,70	44,00	50,20	62,80	75,40
180	—	—	—	—	—	11,30	14,00	16,80	21,00	28,20	35,00	42,50	49,50	56,50	70,70	84,80
200	—	—	—	—	—	12,60	15,70	18,80	23,60	31,40	39,20	47,10	55,00	63,00	79,00	94,20
220	—	—	—	—	—	13,82	17,50	21,00	26,50	35,20	44,00	53,00	61,00	70,00	88,00	103,62
250	—	—	—	—	—	—	20,00	24,00	30,00	40,00	50,00	60,00	70,00	80,00	100,00	117,80
280	—	—	—	—	—	—	22,00	26,40	33,00	44,00	55,00	65,90	76,90	87,90	110,00	—
300	—	—	—	—	—	—	24,00	29,00	36,00	48,00	60,00	72,00	84,00	96,00	120,00	—
350	—	—	13,65	16,38	—	21,84	27,30	32,76	40,95	54,60	68,25	81,90	95,50	109,20	134,50	163,80
400	—	—	15,60	18,72	—	24,96	31,20	37,44	46,80	62,40	78	93,60	106,08	—	156	187

NORMA DI RIFERIMENTO EN 10025-2

QUALITÀ S355J0

QUALITÀ S355J2+AR

TONDI LAMINATI

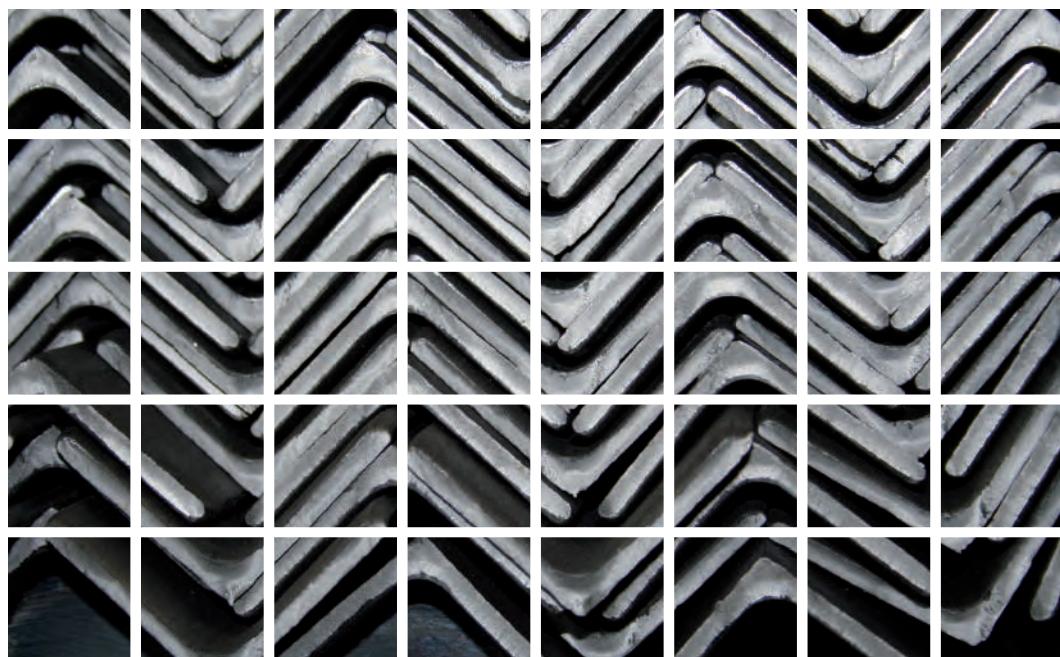
Dimensioni diametro mm	peso Kg/ml	Dimensioni diametro mm	peso Kg/ml	Dimensioni diametro mm	peso Kg/ml	Dimensioni diametro mm	peso Kg/ml
5	0,154	24	3,550	53	17,300	110	74,600
6	0,222	25	3,850	55	18,700	115	81,500
7	0,302	26	4,170	58	20,700	120	88,800
8	0,395	27	4,490	60	22,200	125	96,300
9	0,499	28	4,830	63	24,500	130	104,000
10	0,617	30	5,550	65	26,000	135	112,000
11	0,746	32	6,310	68	28,500	140	121,000
12	0,888	33	6,710	70	30,200	145	130,000
13	1,040	34	7,130	73	32,900	150	139,000
14	1,210	35	7,550	75	34,700	155	148,000
15	1,390	36	7,990	78	37,500	160	158,000
16	1,580	37	8,440	80	39,500	170	178,000
17	1,780	38	8,900	83	42,500	180	200,000
18	2,000	40	9,860	85	44,500	190	223,000
19	2,230	42	10,900	88	47,700	200	247,000
20	2,470	45	12,500	90	49,900	220	289,000
21	2,720	48	14,200	95	55,600	230	326,190
22	2,960	50	15,400	100	61,600	240	355,160
23	3,260	52	16,700	105	68,000	250	385,380

QUADRI LAMINATI

Dimensioni lato mm	peso Kg/ml	Dimensioni lato mm	peso Kg/ml	Dimensioni lato mm	peso Kg/ml	Dimensioni lato mm	peso Kg/ml
5	0,196	15	1,770	32	8,040	80	50,200
6	0,283	16	2,010	35	9,620	90	63,600
7	0,385	18	2,540	38	11,300	100	76,500
8	0,502	19	2,830	40	12,600	110	95,000
9	0,636	20	3,140	45	15,900	120	113,000
10	0,765	22	3,800	50	19,600	130	133,000
11	0,950	25	4,910	55	23,700	140	154,000
12	1,130	26	5,310	60	28,300	150	177,000
13	1,330	28	6,150	65	33,200		
14	1,540	30	7,070	70	38,500		

ANGOLARI LAMINATI

Dimensioni lato spess mm mm	peso Kg/ml	Dimensioni lato spess mm mm	peso Kg/ml	Dimensioni lato spess mm mm	peso Kg/ml	Dimensioni lato spess mm mm	peso Kg/ml
15 x 3	0,64	50 x 5	3,77	80 x 10	11,90	130 x 12	23,60
20 x 3	0,88	50 x 6	4,47	80 x 12	14,10	130 x 14	27,20
20 x 4	1,14	50 x 7	5,15	90 x 8	10,90	130 x 16	30,90
25 x 3	1,11	50 x 9	6,47	90 x 9	12,20	140 x 13	27,50
25 x 4	1,45	55 x 5	4,18	90 x 11	14,70	140 x 15	31,40
25 x 5	1,77	55 x 6	4,95	90 x 13	17,10	140 x 17	35,30
30 x 3	1,36	55 x 8	6,46	90 x 15	19,50	150 x 14	31,60
30 x 4	1,78	60 x 6	5,42	100 x 10	15,10	150 x 16	35,90
30 x 5	2,18	60 x 8	7,09	100 x 12	17,80	150 x 18	40,10
30 x 6	2,56	60 x 10	8,69	100 x 14	20,60	160 x 15	36,20
35 x 4	2,09	65 x 7	6,83	100 x 16	23,20	160 x 17	40,70
35 x 5	2,57	65 x 9	8,62	110 x 10	16,60	160 x 19	45,10
35 x 6	3,04	70 x 7	7,38	110 x 12	19,70	180 x 16	43,50
40 x 4	2,42	70 x 9	9,34	110 x 14	22,80	180 x 18	48,60
40 x 5	2,97	70 x 11	11,20	120 x 11	19,90	180 x 20	53,70
40 x 6	3,52	75 x 8	9,03	120 x 13	23,30	200 x 16	48,50
45 x 5	3,38	75 x 10	11,10	120 x 15	26,60	200 x 18	54,30
45 x 6	4,00	75 x 12	13,10	120 x 18	31,50	200 x 20	59,90
45 x 7	4,60	80 x 8	9,66				

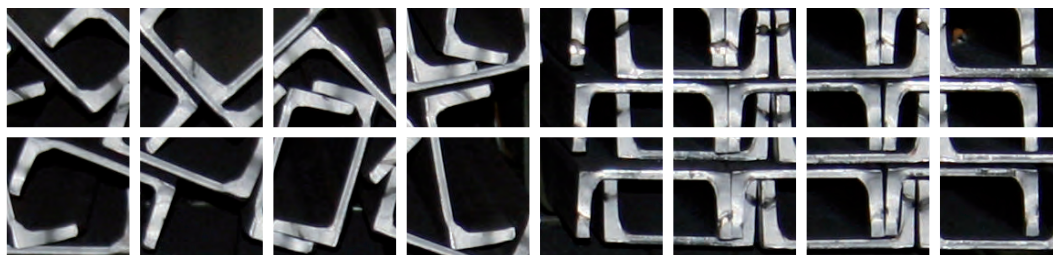


ELLE LAMINATI

Dimensioni lato alt spes mm mm	peso Kg/ml	Dimensioni lato alt spes mm mm	peso Kg/ml	Dimensioni lato alt spes mm mm	peso Kg/ml	Dimensioni lato alt spes mm mm	peso Kg/ml
30x20x4	1,45	60x30x7	4,59	100X65X9	11,10	150x100x10	19,00
30x20x5	1,77	60x40x5	3,76	100X65X11	13,40	150x100x12	22,60
35x20x4	1,61	60x40x6	4,46	100X75X8	11,20	200x100x10	23,00
35x20x5	1,97	60x40x7	5,14	100X75X10	13,80	200x100x12	27,30
40x20x4	1,77	75x50x6	5,65	120X60X8	10,90	200x100x14	31,60
40x20x5	2,17	75x50x7	6,53	120X60X10	13,40	200x100x15	35,90
40x25x4	1,92	75x50x9	8,23	120X80X8	12,20		
40x25x5	2,36	80x40x6	5,41	120X80X10	15,00		
45x30x4	2,25	80x40x8	7,07	120X80X12	17,80		
45x30x5	2,77	80x60x7	7,35	130X65X8	11,80		
45x30x6	3,27	80x60x8	8,33	130X65X10	14,60		
50x30x5	2,96	80x60x10	10,30	150X75X9	15,40		
50x30x6	3,51	100x50x8	8,99	150x75x11	18,60		
60x30x5	3,37	100x50x10	11,10				
60x30x6	3,99	100x65x7	8,77				

FERRI A "T"

dim. profilo base mm	altezza mm	spessore mm	peso kg/ml	dim. profilo base mm	altezza mm	spessore mm	peso kg/ml
20	20	4	1,13	45	45	5,5	3,65
25	25	4,5	1,61	50	50	6	4,43
30	30	4	1,76	60	60	7	6,23
35	35	5,5	2,78	70	70	9	9,26
40	40	5	2,29	80	80	10	11,8
				100	100	11	16,50



FERRI A "U"

h	b	a	e	r	sez.	peso	momenti di inerzia		moduli di resistenza		raggi di inerzia	
							Jx	Jy	Wx	Wy	Lx	Ly
mm	mm	mm	mm	mm	cm ²	kg/ml	cm ⁴	cm ⁴	cm ³	cm ³	cm	cm
30	33	5,0	7,0	7,0	5,44	4,27	6,39	5,33	4,26	2,68	1,08	0,99
40	35	5,0	7,0	7,0	6,21	4,87	14,1	6,68	7,05	3,08	1,5	1,04
50	38	5,0	7,0	7,0	7,12	5,59	26,4	9,12	10,6	3,75	1,92	1,13
65	42	5,5	7,5	7,5	9,03	7,09	57,5	14,10	17,7	5,07	2,52	1,25
80	45	6,0	8,0	8,0	11	8,65	106	19,40	26,5	6,35	3,1	1,33
100	50	6,0	8,5	8,5	13,5	10,60	205	29,10	41,1	8,45	3,91	1,47
120	55	7,0	9,0	9,0	17	13,30	364	43,10	60,7	11,1	4,63	1,59
140	60	7,0	10,0	10,0	20,4	16,00	605	62,50	86,4	14,7	5,45	1,75
160	65	7,5	10,5	10,5	24	18,90	925	85,10	116	18,2	6,21	1,88
180	70	8,0	11,0	11,0	28	22,00	1354	114,00	150	22,4	6,96	2,01
200	75	8,5	11,5	11,5	32,2	25,30	1911	148,00	191	26,9	7,71	2,14
220	80	9,0	12,5	12,5	37,4	29,40	2691	196,00	245	33,5	8,48	2,29
240	85	9,5	13,0	13,0	42,3	33,20	3599	247,00	300	39,5	9,22	2,42
260	90	10,0	14,0	14,0	48,3	37,90	4824	317,00	371	47,8	10	2,56
280	95	10,0	15,0	15,0	53,4	41,90	6276	398,00	448	57,2	10,8	2,73
300	100	10,0	16,0	16,0	58,8	46,10	8028	493,00	535	67,6	11,7	2,9

FERRI A "U" SERIE SPECIALE

h	b	a	e	r	sez.	peso	momenti di inerzia		moduli di resistenza		raggi di inerzia	
							Jx	Jy	Wx	Wy	Lx	Ly
mm	mm	mm	mm	mm	cm ²	kg/ml	cm ⁴	cm ⁴	cm ³	cm ³	cm	cm
*25	12	4	4,00	4,00	1,68	1,30						
30	15	4	4,50	4,50	2,21	1,98	2,53	0,38	1,69	0,39	1,07	0,42
		5	7,00	7,00	5,44	4,27	6,39	5,33	4,26	2,68	1,08	0,99
* 35	17	5	5,50	5,50	3,27	2,52						
40	20	5	5,50	5,00	3,66	3,23	7,58	1,14	3,79	0,86	1,44	0,56
					6,21	4,87	14,10	6,68	7,05	3,08	1,50	1,04
50	25	5	6,00	6,00	4,92	4,15	16,80	2,49	6,73	1,46	1,85	0,71
					7,12	5,59	26,4	9,12	10,60	3,75	1,92	1,13
60	30	6	6,00	6,00	6,46	5,45	31,60	4,51	10,50	2,16	2,21	0,84
					9,03	7,09	57,5	14,1	17,70	5,07	2,52	1,25

TRAVI



ATTESTATO DI DENUNCIA DELL'ATTIVITA' DI CENTRO DI TRASFORMAZIONE

N. 1231/11

In conformità al DM 14 gennaio 2008 "Norme Tecniche per le Costruzioni" si attesta che la Ditta:

CARBONI SPA

per il proprio stabilimento di:

Via Mandrio, 1/b - 42015 - CORREGGIO (RE)

ha depositato presso il **Servizio Tecnico Centrale** la documentazione inerente il possesso dei requisiti richiesti dalla norma per la lavorazione dell'acciaio finalizzata alla :

**SAGOMATURA FERRO PER C.A.
OFFICINA PER LA PRODUZIONE DI CARPENTERIA
METALLICA**

Ogni confezione del prodotto lavorato è riconducibile alla Ditta di cui sopra, con tutte le informazioni utili ad individuare la commessa, attraverso la seguente etichetta:



Il presente attestato di deposito ha il solo obiettivo di identificare il Centro di Trasformazione. In tal senso l'attestato di deposito non è finalizzato a certificare la concreta idoneità tecnica del prodotto di lavorazione alle diverse utilizzazioni cui può essere destinato e non può trasferire la responsabilità del Centro di Trasformazione e del progettista al Servizio Tecnico Centrale, restando nella responsabilità delle figure suddette ogni specifica applicazione del prodotto. Il presente attestato ha validità sino a che le condizioni iniziali, sulla base delle quali è stato rilasciato, non subiscano modifiche significative. Il presente attestato annulla e sostituisce il precedente attestato n. 953/10 rilasciato il 11.10.2010 ed ha validità sino a che le condizioni iniziali, sulla base delle quali è stato rilasciato, non subiscano modifiche significative.

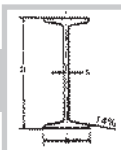
Roma, 03.03.2011

IL DIRIGENTE DELLA DIVISIONE III DEL
SERVIZIO TECNICO CENTRALE

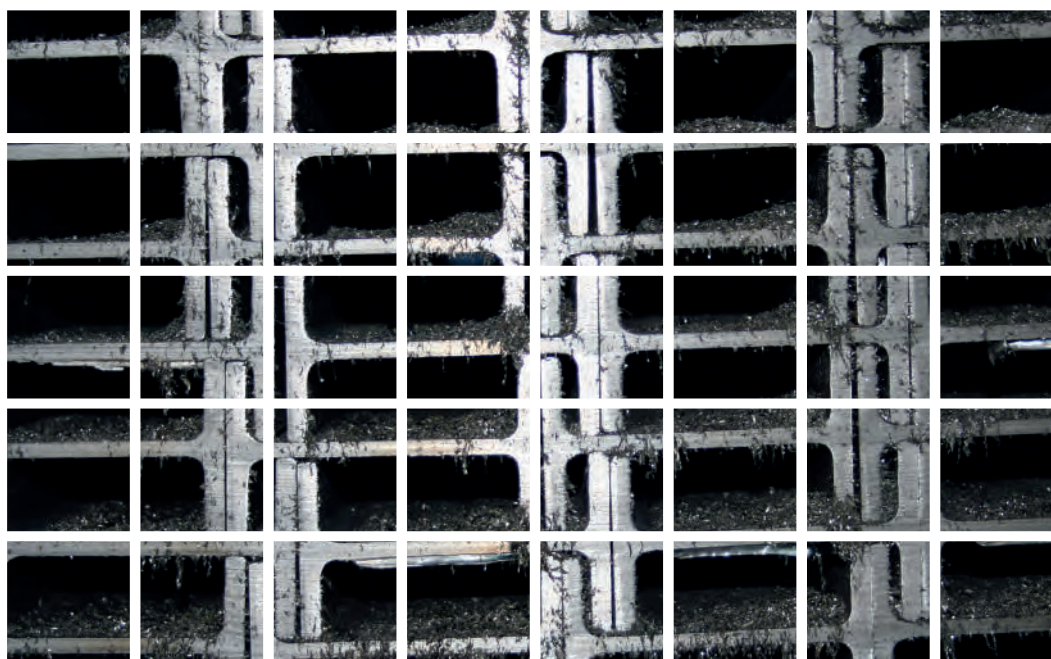
Ing. Bruno SANTORO

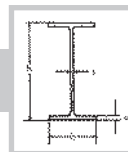
ORGANISMO DI CERTIFICAZIONE ED ISPEZIONE SUI PRODOTTI DA COSTRUZIONE
AI SENSI DELL'ART. 8 DEL D.P.R. 246/93 (NOTIFICA COMMISSIONE EUROPEA N. 0969)
ORGANISMO DI BENESTARE TECNICO EUROPEO (MEMBRO EOTA) AI SENSI DELL'ART. 5 DEL D.P.R. N. 246/93
ORGANISMO DI QUALIFICAZIONE AI SENSI DEL D.M. 14.01.2008

VIA NOMENTANA, 2 - 00161 ROMA -
TEL. 06.4412.4101 FAX 06.4426.7383

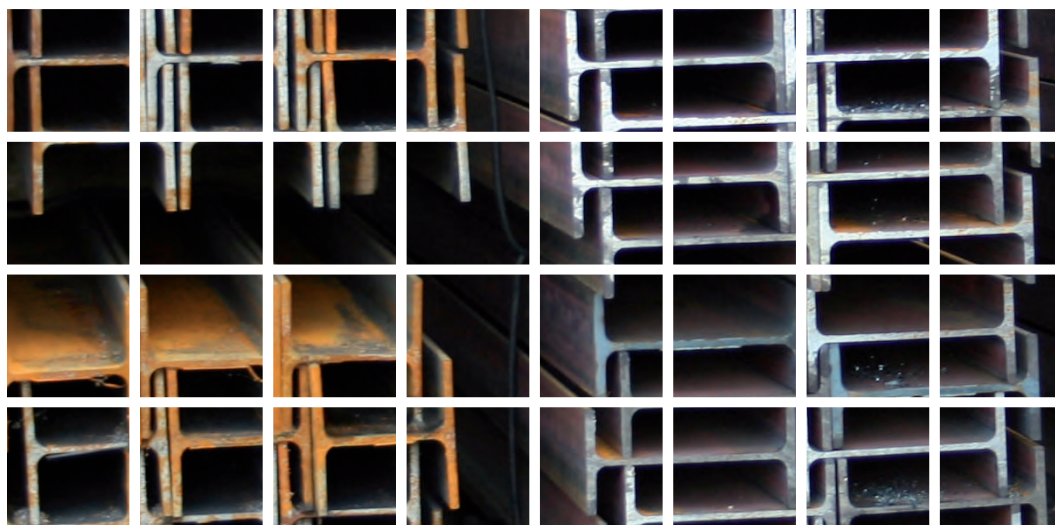


Profilo					kg/ml	Sez. cm ²	Wx cm ³	Jx cm ⁴
h	b	a	e	r				
80	42	3,9	5,9	3,9	5,9	7,6	19,4	78
100	50	4,5	6,8	4,5	8,3	10,6	34,1	170
120	58	5,1	7,7	5,1	11,1	14,2	54,5	327
140	66	5,7	8,6	5,7	14,3	18,2	81,8	572
160	74	6,3	9,5	6,3	17,9	22,8	117,0	934
180	82	6,9	10,4	6,9	21,9	27,9	161,0	1444
200	90	7,5	11,3	7,5	26,2	33,4	214,0	2138
220	98	8,1	12,2	8,1	31,0	39,5	278,0	3050
240	106	8,7	13,1	8,7	36,2	46,1	353,0	4239
260	113	9,4	14,1	9,4	41,9	53,3	441,0	5735
280	119	10,1	15,2	10,1	47,9	61,0	541,0	7575
300	125	10,8	16,2	10,8	54,2	69,0	652,0	9785
320	131	11,5	17,3	11,5	61,0	77,7	781,0	12490
340	137	12,2	18,3	12,2	68,0	86,7	922,0	15670
360	143	13,0	19,5	13,0	76,1	97	1087,0	19580

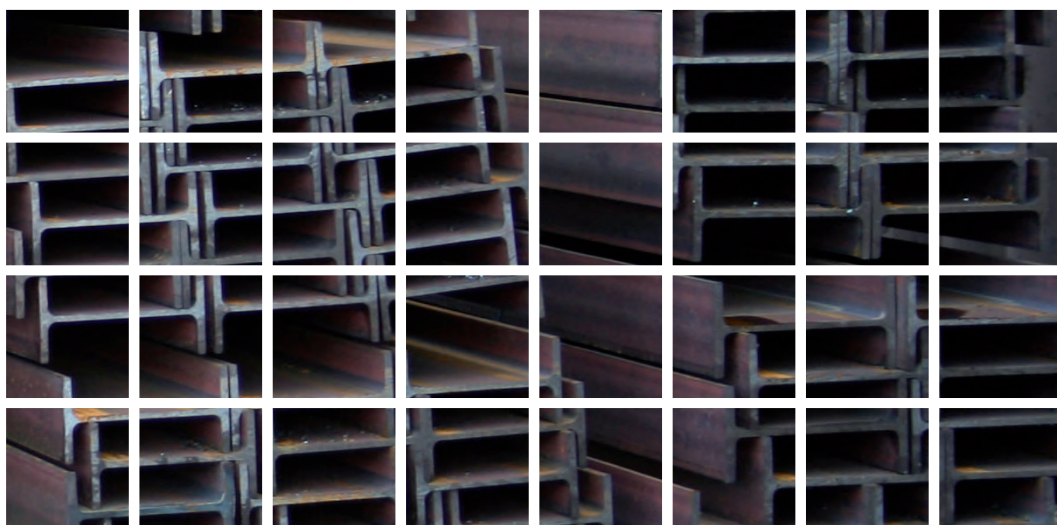


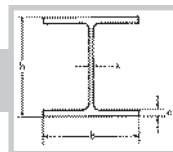


Profilo					kg/ml	Sez. cm ²	Wx cm ³	Jx cm ⁴
h	b	a	e	r				
80	46	3,8	5,2	5,0	6,0	7,6	20	80
100	55	4,1	5,7	7,0	8,1	10,3	34,2	171
120	64	4,4	6,3	7,0	10,4	13,2	53	318
140	73	4,7	6,9	7,0	12,9	16,4	77,3	541
160	82	5,0	7,4	9,0	15,8	20,1	109	869
180	91	5,3	8,0	9,0	18,8	23,9	146	1317
200	100	5,6	8,5	12,0	22,4	28,5	194	1943
220	110	5,9	9,2	12,0	26,2	33,4	252	2772
240	120	6,2	9,8	15,0	30,7	39,1	324	3892
270	135	6,6	10,2	15,0	36,1	45,9	429	5790
300	150	7,1	10,7	15,0	42,2	53,8	557	8356
330	160	7,5	11,5	18,0	49,1	62,6	713	11770
360	170	8,0	12,7	18,0	57,1	72,7	904	16270
400	180	8,6	13,5	21,0	66,3	84,5	1160	23130
450	190	9,4	14,6	21,0	77,5	98,8	1500	33740
500	200	10,2	16,0	21,0	90,7	116	1930	48200
550	210	11,1	17,2	24,0	106	134	2440	67120
600	220	12,0	19,0	24,0	122	156	3070	92080

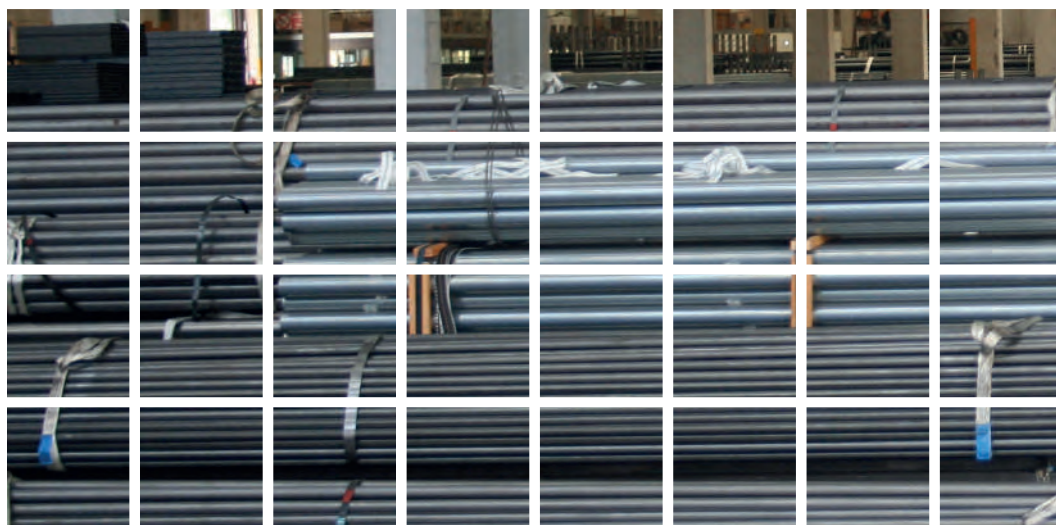


h	distanza tra gli appoggi in metri															
	2,5	3	3,5	4	4,5	5	5,5	6	7	8	9	10	11	12	13	14
80	1009	835	710	616	542	482	—	—	—	—	—	—	—	—	—	—
100	1731	1435	1222	1062	936	835	751	681	—	—	—	—	—	—	—	—
120	2687	2230	1902	1654	1460	1305	1176	1068	896	—	—	—	—	—	—	—
140	3925	3259	2782	2422	2140	1914	1728	1571	1323	1133	—	—	—	—	—	—
160	5541	4603	3931	3425	3029	2711	2450	2230	1882	1617	1408	—	—	—	—	—
180	7428	6173	5273	4597	4068	3643	3294	3002	2538	2185	1907	1681	1492	—	—	—
200	9876	8210	7016	6118	5417	4854	4391	4004	3390	2925	2557	2259	2011	1800	1619	—
220	12837	10673	9124	7959	7050	6320	5720	5219	4424	3822	3348	2963	2644	2373	2140	1937
240	16512	13732	11741	10246	9078	8141	7371	6728	5709	4939	4332	3840	3432	3087	2791	2532
270	21874	18195	15563	13583	12040	10802	9785	8935	7592	6575	5776	5130	4595	4143	3754	3417
300	28413	23638	20222	17655	15653	14048	12731	11629	9889	8574	7542	6707	6017	5435	4935	4101
330	36383	30274	25904	22620	20060	18007	16323	14916	12694	11016	9698	8635	7756	7016	6382	5831
360	46142	38399	32860	28700	25457	22857	20724	18942	16130	14007	12343	11000	9891	8957	8158	7465
400	59226	49294	42191	36855	32697	29364	26631	24350	20747	18029	15901	14185	12769	11577	10559	9677
450	76606	63767	54585	47689	42317	38012	34482	31534	26885	23379	20635	18424	16601	15069	13760	12628
500	98589	82074	70265	61397	54490	48954	44417	40629	34656	30154	26632	23797	21460	19498	17824	16376
550	124663	103788	88863	77656	68927	61934	56202	51417	43875	38192	33748	30172	27226	24754	22646	20824
600	156879	130620	111847	97752	86775	77982	70776	64761	55283	48144	42564	38076	34381	31282	28641	26360





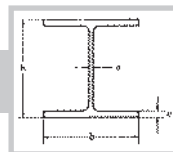
Profilo						kg/ml	Sez. cm ²	Wx cm ³	Jx cm ⁴
HEA	h	b	a	e	r				
100	96	100	5,0	8,0	12,0	16,7	21,2	73	349
120	114	120	5,0	8,0	12,0	19,9	25,3	106	606
140	133	140	5,5	8,5	12,0	24,7	31,4	155	1033
160	152	160	6,0	9,0	15,0	30,4	38,8	220	1673
180	171	180	6,0	9,5	15,0	35,5	45,3	294	2510
200	190	200	6,5	10,0	18,0	42,3	53,8	389	3692
220	210	220	7,0	11,0	18,0	50,5	64,3	515	5410
240	230	240	7,5	12,0	21,0	60,3	76,8	675	7763
260	250	260	7,5	12,5	24,0	68,2	86,8	836	10455
280	270	280	8,0	13,0	24,0	76,4	97,3	1010	13673
300	290	300	8,5	14,0	27,0	88,3	112	1260	18263
320	310	300	9,0	15,5	27,0	97,6	124	1480	22928
340	330	300	9,5	16,5	27,0	105	133	1680	27693
360	350	300	10,0	17,5	27,0	112	143	1890	33090
400	390	300	11,0	19,0	27,0	125	159	2310	45069
450	440	300	11,5	21,0	27,0	140	178	2900	63722
500	490	300	12,0	23,0	27,0	155	197	3550	86975





h	distanza tra gli appoggi in metri											
	3	4	5	6	7	8	9	10	11	12	13	14
100	3064	2269	1785	1457	—	—	—	—	—	—	—	—
120	4463	3312	2614	2142	1800	—	—	—	—	—	—	—
140	6539	4861	3844	3158	2661	2282	—	—	—	—	—	—
160	9295	6918	5480	4511	3810	3276	2855	2512	—	—	—	—
180	12437	9265	7348	6059	5127	4419	3861	3408	3030	—	—	—
200	16470	12278	9746	8044	6816	5885	5151	4556	4061	3641	—	—
220	21821	16277	12931	10683	9063	7835	6869	6087	5437	4887	4414	—
240	28618	21358	16978	14037	11920	10317	9057	8036	7191	6476	5862	5327
260	35464	26478	21060	17425	14809	12830	11275	10018	8977	8098	7344	6688
280	42863	32013	25473	21087	17933	15548	13676	12163	10912	9856	8951	8164
300	53493	39965	31813	26349	22421	19453	17125	15244	13690	12380	11258	10283
320	62852	46368	37400	30987	26379	22898	20170	17967	16147	14615	13306	12164
340	71363	53338	42481	35209	29984	26039	22947	20453	18393	16659	15176	13889
360	80301	60034	47822	39646	33775	29343	25871	23071	20760	18815	17152	15711
400	98162	73418	58509	48528	41364	35959	31790	28317	25567	23139	21119	19369
450	123310	92237	73538	61025	52047	45278	39983	35719	32204	29252	26733	24553
500	150997	112977	90102	74801	63827	55558	49092	43888	39603	36005	32937	30286



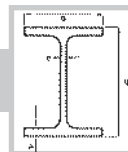


HEB	Profilo					kg/ml	Sez. cm ²	Wx cm ³	Jx cm ⁴
	h	b	a	e	r				
100	100	100	6,0	10,0	12,0	20,4	26,0	90	450
120	120	120	6,5	11,0	12,0	26,7	34,0	144	864
140	140	140	7,0	12,0	12,0	33,7	43,0	216	1509
160	160	160	8,0	13,0	15,0	42,6	54,3	311	2492
180	180	180	8,5	14,0	15,0	51,2	65,3	426	3831
200	200	200	9,0	15,0	18,0	61,3	78,1	570	5696
220	220	220	9,5	16,0	18,0	71,5	91,0	736	8091
240	240	240	10,0	17,0	21,0	83,2	106	938	11259
260	260	260	10,0	17,5	24,0	93,0	118	1150	14919
280	280	280	10,5	18,0	24,0	103	131	1380	19270
300	300	300	11,0	19,0	27,0	117	149	1680	25166
320	320	300	11,5	20,5	27,0	127	161	1930	30823
340	340	300	12,0	21,5	27,0	134	171	2160	36656
360	360	300	12,5	22,5	27,0	142	181	2400	43193
400	400	300	13,5	24,0	27,0	155	198	2880	57680
450	450	300	14,0	26,0	27,0	171	218	3550	79887
500	500	300	14,5	28,0	27,0	187	239	4290	107176
550	550	300	15,0	29,0	27,0	199	254	4970	136691
600	600	300	15,5	30,0	27,0	212	270	5700	171041
650	650	300	16,0	31,0	27,0	225	286	6480	210616

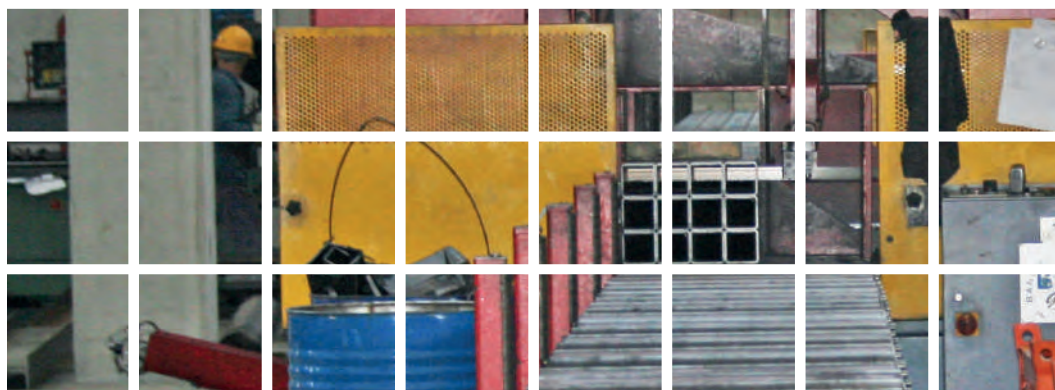


h	distanza tra gli appoggi in metri											
	3	4	5	6	7	8	9	10	11	12	13	14
100	3778	2798	2202	1797	1502	—	—	—	—	—	—	—
120	6063	4501	3553	2911	2446	2090	—	—	—	—	—	—
140	9114	6777	5361	4405	3713	3186	2768	—	—	—	—	—
160	13141	9781	7748	6379	5388	4635	4039	3554	—	—	—	—
180	18022	13427	10649	8780	7431	6486	5597	4940	4393	—	—	—
200	24135	17994	14285	11792	9993	8629	7554	6683	5958	5344	—	—
220	31187	23265	18483	15272	12957	11203	9823	8705	7777	6992	6317	—
240	39770	29662	23596	19511	16569	14342	12591	11174	10000	9006	8153	7411
260	48786	36427	28974	23974	20377	17655	15518	13789	12358	11150	10113	9212
280	58569	43747	34812	28821	24512	21255	18700	16633	14924	13483	12248	11174
300	71327	53290	42422	35137	29900	25943	22839	20333	18261	16515	15020	13721
320	81963	61250	48771	40410	34401	29863	26305	23433	21060	19062	17351	15867
340	91755	68582	54624	45274	38558	33467	29513	26307	23659	21431	19525	17872
360	101971	76130	60728	50346	42890	37263	32854	29300	26364	23895	21784	19954
400	122412	91568	72951	60508	51576	44838	39641	35313	31962	28859	26341	24160
450	150949	112913	90022	74705	63715	55430	49948	43728	39427	35813	32729	30062
500	182474	136528	108886	90395	77134	67142	59326	53040	47861	43514	42238	38149



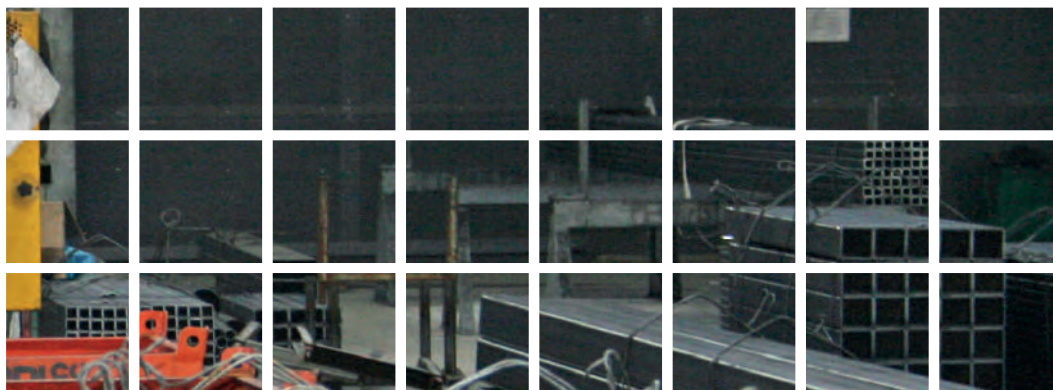


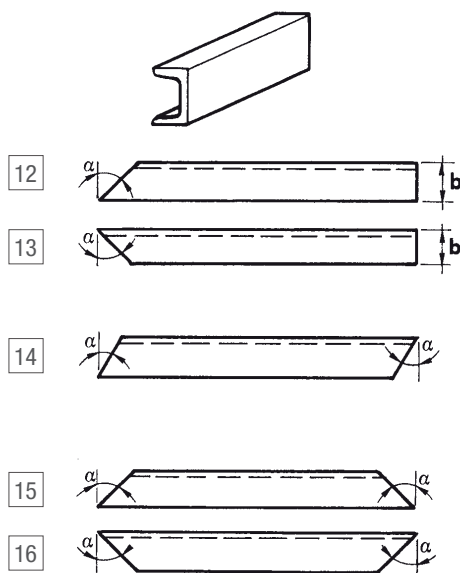
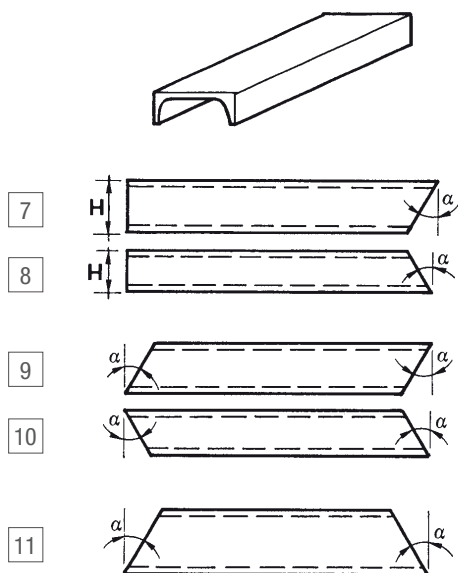
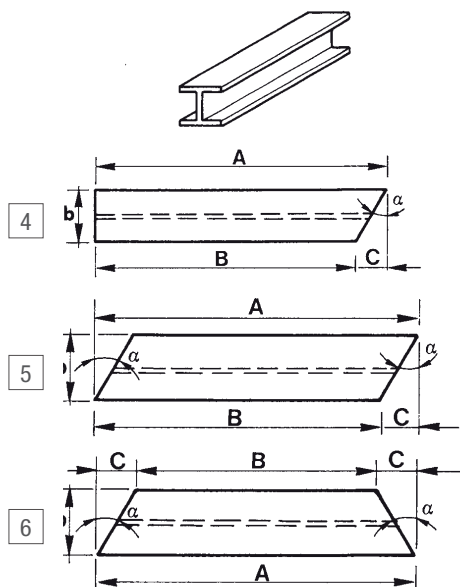
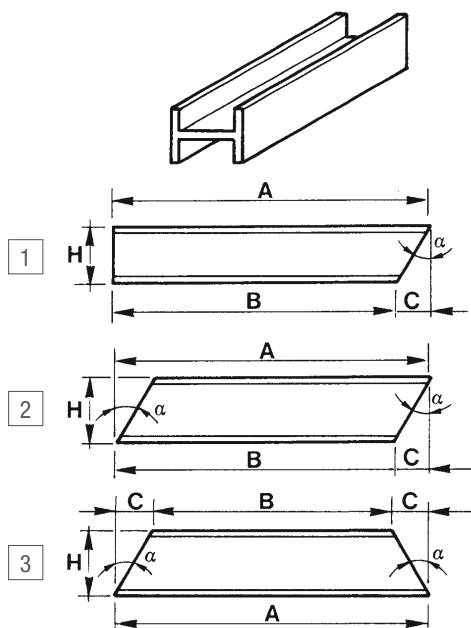
Profilo						kg/ml	Sez. cm ²	Wx cm ³	Jx cm ⁴
HEM	h	b	a	e	r				
100	120	106	12,0	20,0	12,0	41,8	53,2	190	1143
120	140	126	12,5	21,0	12,0	52,1	66,4	288	2018
140	160	146	13,0	22,0	12,0	63,2	80,6	411	3291
160	180	166	14,0	23,0	15,0	76,2	97,1	566	5098
180	200	186	14,5	24,0	15,0	88,9	113	748	7483
200	220	206	15,0	25,0	18,0	103	131	967	10642
220	240	226	15,5	26,0	18,0	117	149	1220	14605
240	270	248	18,0	32,0	21,0	157	200	1800	24289
260	290	268	18,0	32,5	24,0	172	220	2160	31307
280	310	288	18,5	33,0	24,0	189	240	2550	39547
300	340	310	21,0	39,0	27,0	238	303	3480	59201
320	359	309	21,0	40,0	27,0	245	312	3800	68135
340	377	309	21,0	40,0	27,0	248	316	4050	76372
360	395	308	21,0	40,0	27,0	250	319	4300	84867
400	432	307	21,0	40,0	27,0	256	326	4820	104119
450	478	307	21,0	40,0	27,0	263	335	5500	131484
500	524	306	21,0	40,0	27,0	270	344	6180	161929
550	572	306	21,0	40,0	27,0	278	354	6920	197984
600	620	305	21,0	40,0	27,0	285	364	7660	237447
650	668	305	21,0	40,0	27,0	293	374	8430	281667
700	716	304	21,0	40,0	27,0	301	383	9200	329278
800	814	303	21,0	40,0	30,0	317	404	10870	442598





h	distanza tra gli appoggi in metri											
	3	4	5	6	7	8	9	10	11	12	13	14
100	7981	5912	4654	3802	3181	2705	—	—	—	—	—	—
120	12131	9007	7112	5771	4901	4191	3627	—	—	—	—	—
140	17346	12900	10205	8388	7072	6070	5276	4628	—	—	—	—
160	23920	17806	14108	11617	9816	8446	7363	6482	5747	—	—	—
180	31647	23580	18704	15423	13055	11256	9837	8685	7726	6911	—	—
200	40948	30531	24239	20011	16961	14647	12825	11347	10119	9070	8182	—
220	51701	38571	30646	25324	21489	218583	16297	14445	12909	11609	10491	9516
240	76327	56970	45294	37457	31814	27543	24186	21469	19217	17315	15681	14258
260	91641	68430	54434	45047	38292	33183	29171	25927	23242	20975	19031	17340
280	108230	80842	64333	53264	45304	39287	34564	30749	27593	24931	22650	20667
300	147762	110405	87895	72810	61966	53774	47350	42163	37875	34263	31169	28484
320	161394	120617	96052	79594	67769	58838	51838	46188	41522	37592	34229	31312
340	172451	128604	102437	84909	72319	62814	55366	49358	44398	40222	36651	33555
360	182712	136596	108827	90231	76876	66798	58904	52663	47285	42885	39087	35813
400	204880	153212	124748	101288	86342	75070	66245	59134	53269	48840	44129	40283
450	233871	174943	139481	115752	98727	85893	75853	67668	61105	55509	50733	46602
500	262863	196675	156854	130216	111112	96717	85461	76402	68940	62678	57337	52721
550	294467	220322	175757	145955	124588	108493	95913	85793	77463	70475	64519	59375



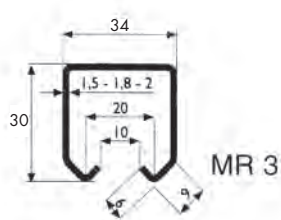
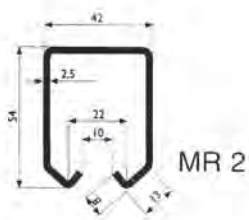
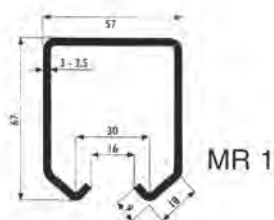


PROFILI
APERTI

ANGOLARI

Dimensione lati (AxA) mm	Spessore mm							
	1,5	2	2,5	3	4	5	6	7
	Peso Kg/ml							
10 x 10	0,20							
15 x 15	0,31	0,40						
20 x 20	0,43	0,56	0,69					
25 x 25	0,55	0,72	0,90	1,03				
30 x 30	0,67	0,88	1,10	1,25				
35 x 35		1,03	1,30	1,53				
40 x 40		1,20	1,45	1,75				
45 x 45		1,35	1,69	2,00	2,63			
50 x 50		1,51	1,87	2,20	2,95	3,65		
60 x 60			2,27	2,70	3,50	4,40	5,22	
70 x 70				3,15	4,15	5,22	6,68	
80 x 80				3,65	4,76	6,75	7,16	
90 x 90				4,12	5,46	6,80	8,10	
100 x 100				4,60	6,00	7,45	8,85	10,22

MONOROTAIE



CARRELLI



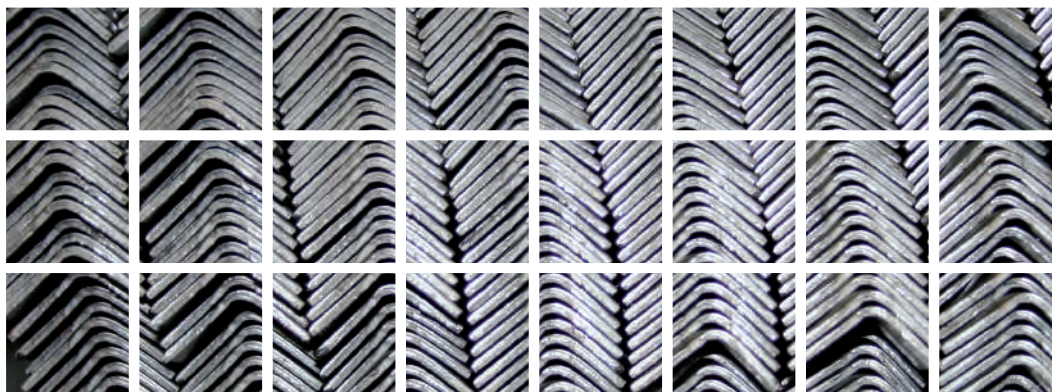
Dimensione lati (AxA) mm	Spessore mm				
	1,5	2	2,5	3	4
	Peso Kg/ml				
20 x 15	0,38	0,48			
25 x 12	0,42	0,55			
25 x 15	0,44	0,59			
30 x 15	0,51	0,66	0,83	0,99	
30 x 20	0,55	0,72	0,90	1,06	
35 x 20	0,61	0,83		1,20	
40 x 15	0,60	0,79	0,96	1,15	
40 x 20	0,67	0,88	1,10	1,25	
40 x 25	0,74	0,99		1,44	
40 x 30	8,00	1,03	1,30	1,53	
50 x 25	0,86	1,15		1,68	
50 x 30		1,20	1,45	1,75	
60 x 30		1,46	1,72	2,04	
60 x 40		1,51	1,87	2,20	2,90
70 x 30	1,16	1,55		2,28	
80 x 40				2,70	3,50
100 x 50				3,40	

“U” LATI UGUALI

Dimensione lati (AxAx) mm	Spessore mm				
	1,5	2	2,5	3	4
	Peso Kg/ml				
15 x 15 x 15	0,47	0,59			
20 x 20 x 20	0,65	0,83			
25 x 25 x 25	0,83	1,07	1,30		
30 x 30 x 30	1,00	1,31	1,60	1,87	
35 x 35 x 35	1,19	1,55	1,90	2,23	
40 x 40 x 40	1,37	1,79	2,20	2,59	
45 x 45 x 45		2,07	2,50	2,95	
50 x 50 x 50		2,28	2,80	3,31	4,29
60 x 60 x 60		2,76	3,40	4,00	5,25
70 x 70 x 70				4,00	6,21
80 x 80 x 80				5,38	7,05

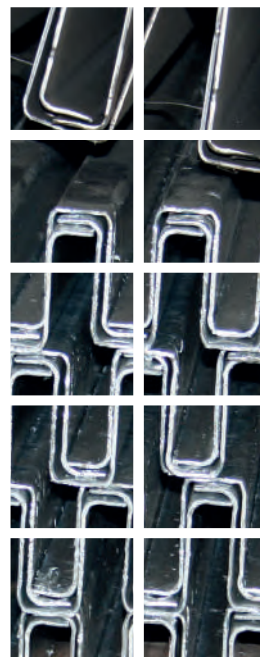
“U” LATI DISUGUALI

Dimensione lati (AxAx) mm	Spessore mm				
	1,5	2	2,5	3	4
	Peso Kg/ml				
15 x 8 x 15	0,380				
20 x 10 x 20	0,528				
10 x 15 x 10	0,348				
10 x 20 x 10	0,408	0,512			
15 x 30 x 15	0,640	0,850			
20 x 30 x 20	0,770	1,220	1,430		
20 x 40 x 20	0,890	1,160	1,420	1,670	
30 x 40 x 30	1,120	1,470	1,780	2,080	
20 x 50 x 20	1,000	1,310	1,600	1,870	
25 x 50 x 25	1,120	1,470	1,780	2,080	2,690
30 x 50 x 30	1,250	1,630	2,000	2,350	3,000
40 x 50 x 40	1,460	1,920	2,350	2,760	3,600
30 x 60 x 30		1,790	2,200	2,590	3,390
40 x 60 x 40		2,080	2,550	3,040	3,970
30 x 70 x 30		1,920	2,350	2,760	3,600
35 x 70 x 35		2,080	2,550	3,040	3,970
40 x 80 x 40		2,430	3,000	3,550	4,600
50 x 100 x 50		3,070	3,800	4,510	5,890
60 x 120 x 60		3,710	4,600	5,380	7,050
60 x 140 x 60		4,060	5,000	5,950	7,800
60 x 160 x 60				6,300	8,290
65 x 160 x 65				6,550	8,610
80 x 180 x 80				7,790	10,300
80 x 200 x 80				8,200	10,810



OMEGA

Dimensione lati (AxAxA) mm	Spessore mm			
	1,5	2	2,5	3
	Peso Kg/ml			
20 x 10 x 10	0,600			
30 x 15 x 10	0,810			
20 x 20 x 10	0,840	1,120		
30 x 30 x 15	1,270	1,630		
35 x 30 x 15	1,400	1,790		
40 x 30 x 20	1,630	2,100		
50 x 30 x 20	1,860	2,420	2,940	
60 x 30 x 30	2,400	3,104	3,840	
60 x 40 x 25	2,400	3,104	3,840	
80 x 40 x 25	2,856	3,700	4,500	5,400
100 x 50 x 30			5,560	6,550
120 x 60 x 30			6,540	7,730
150 x 80 x 45				10,320



'C' SIMMETRICI

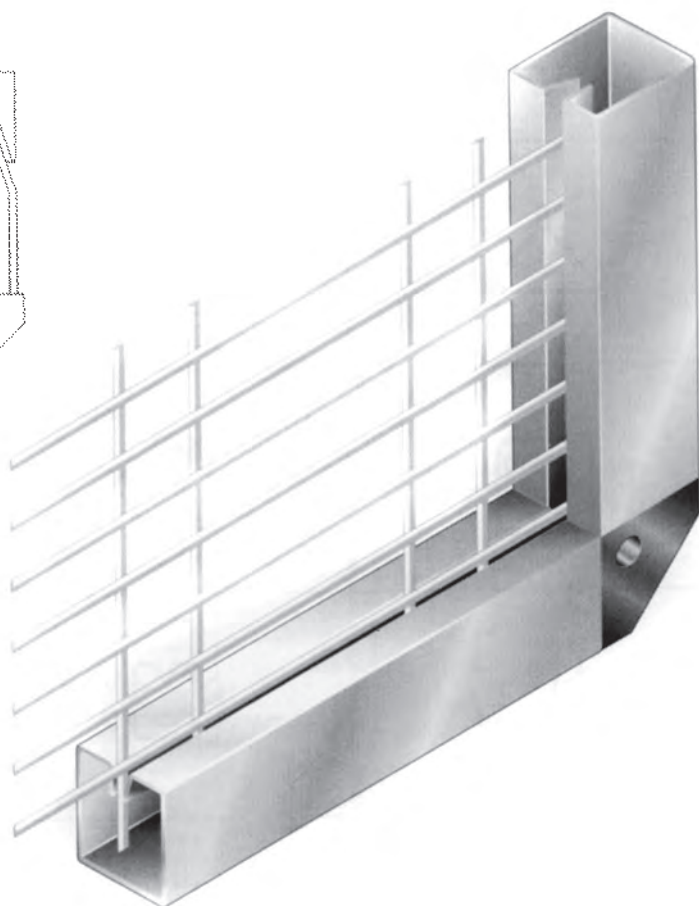
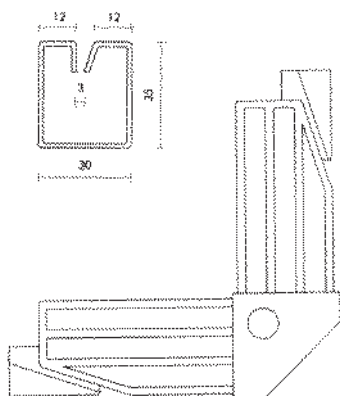
Dimensione lati (AxAxA) mm	Spessore mm				
	1,5	2	2,5	3	4
	Peso Kg/ml				
20x20x5	0,700	0,870			
27x13x7,5	0,700	0,920			
28x12x7	0,760	0,830			
30x15x10	0,816	1,024			
30x30x10	1,150	1,500			
35x35x10	1,340	1,710			
40x20x10	1,090	1,340			
40x20x12,5		1,410			
40x20x15	1,520	1,500			
40x40x10	1,570	1,960			
40x40x12,5	1,656	2,040			
40x40x15	1,890	2,120	2,600	3,250	3,800
60x40x15	2,256	2,433	3,000	3,500	4,400
60x50x20		2,900	3,600	4,200	

RETI

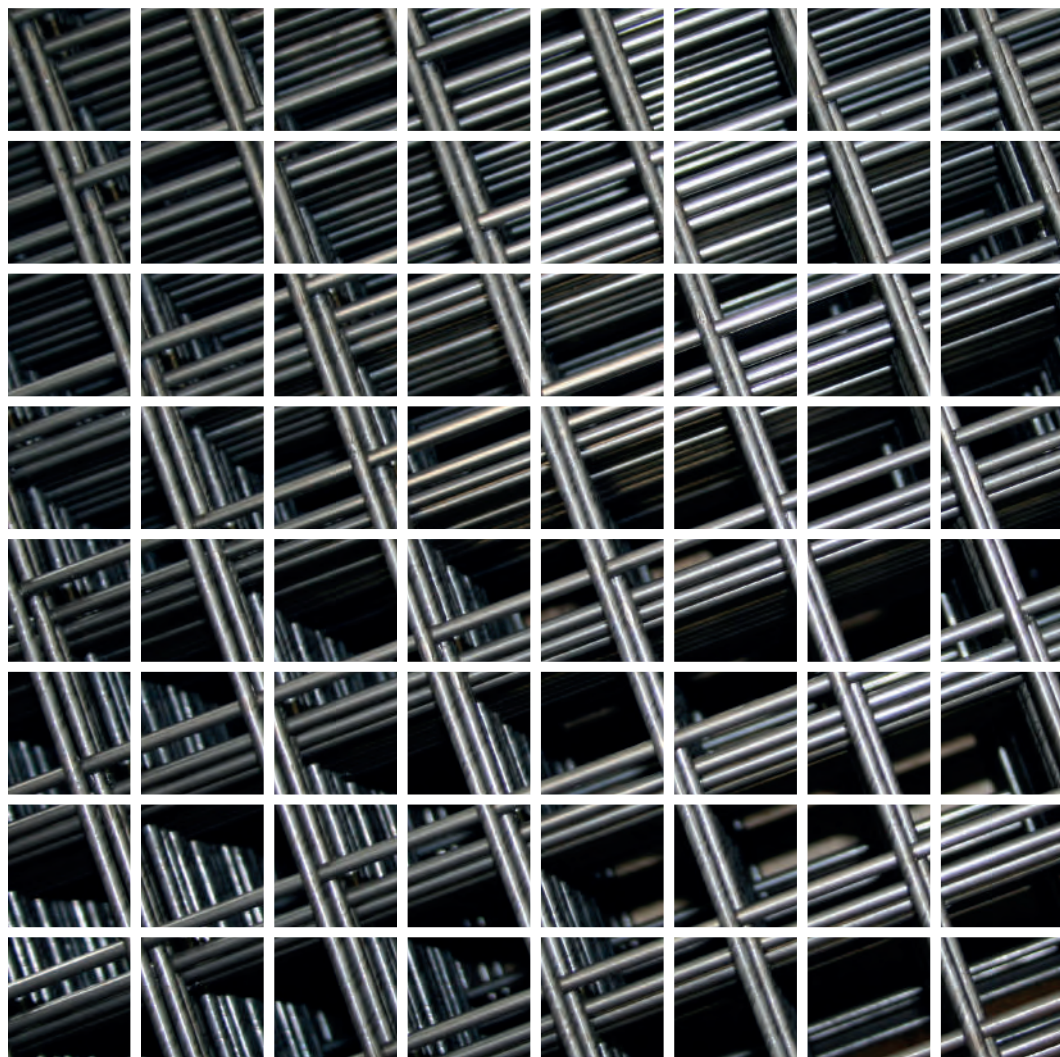
RETI PER PROTEZIONE ANTINFORTUNISTICHE

Maglia mm	Diametro filo	Dimensione Pannello
105 x 15 x 105	2,85	1000 x 2000
105 x 15 x 105	2,85	1200 x 2400

- Praticità
- Estetica
- Convenienza

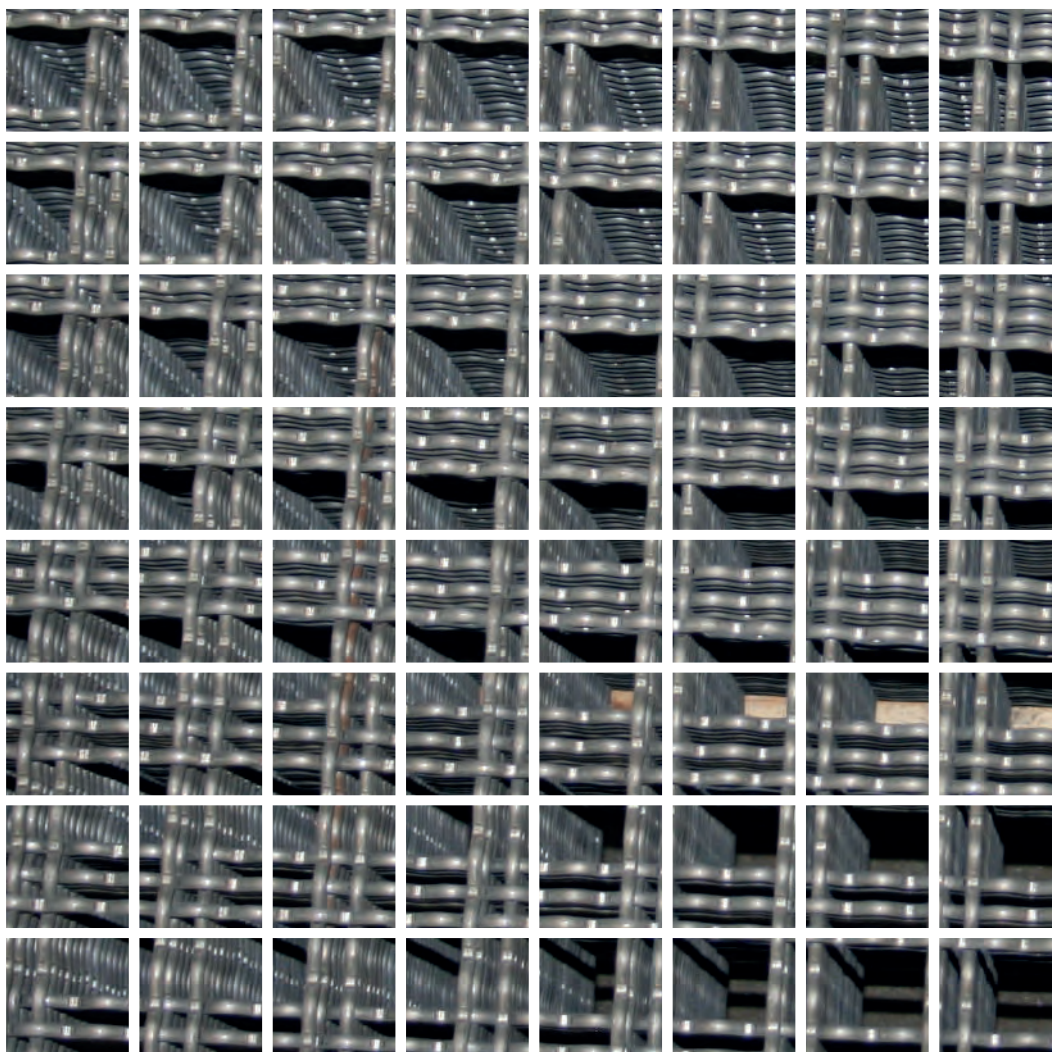


Maglia mm	Diametro filo	Dimensione Pannello
30 x 30	3,00	1000 x 2000
30 x 30	3,00	1200 x 2400
40 x 40	4,00	1200 x 2400
50 x 50	3,00	1000 x 2000
50 x 50	3,00	1200 x 2400
50 x 50	4,00	1000 x 2000
50 x 50	4,00	1200 x 2400
50 x 50	5,00	1000 x 2000
50 x 50	5,00	1200 x 2400



RETI ONDULATA

Maglia mm	Diametro filo	Dimensione Pannello
10 x 10	2,00	1000 x 2000
20 x 20	3,00	1000 x 2000
30 x 30	3,00	1000 x 2000
40 x 40	4,00	1000 x 2000
50 x 50	5,00	1000 x 2000



LAMIERE

LAMIERE PIANE NERE LUCIDE DECAPATE E ZINCATE

Spessore mm	Peso Kg/m ²	Formato		
		1000x2000	1250x2500	1500x3000
0,4	3,140	6,28	9,81	14,13
0,5	3,925	7,85	12,27	17,66
0,6	4,71	9,42	14,72	21,20
0,8	6,28	12,56	19,63	28,26
1	7,85	15,70	24,53	35,33
1,2	9,42	18,84	29,44	42,39
1,5	11,77	23,55	36,80	52,99
2	15,70	31,40	49,06	70,65
2,5	19,62	39,25	61,33	88,31
3	23,55	47,10	73,59	105,98
4	31,40	62,80	98,13	141,30
5	39,25	78,50	122,66	176,63
6	47,10	94,20	147,19	211,95
7	54,95	109,90	171,72	247,28
8	62,80	125,60	196,25	282,60
10	78,50	157,00	245,31	353,25
12	94,20	188,40	294,28	423,90
15	117,75	235,50	367,97	529,88
20	157,00	314,00	490,63	706,50

LAMIERE CORTEN S 355

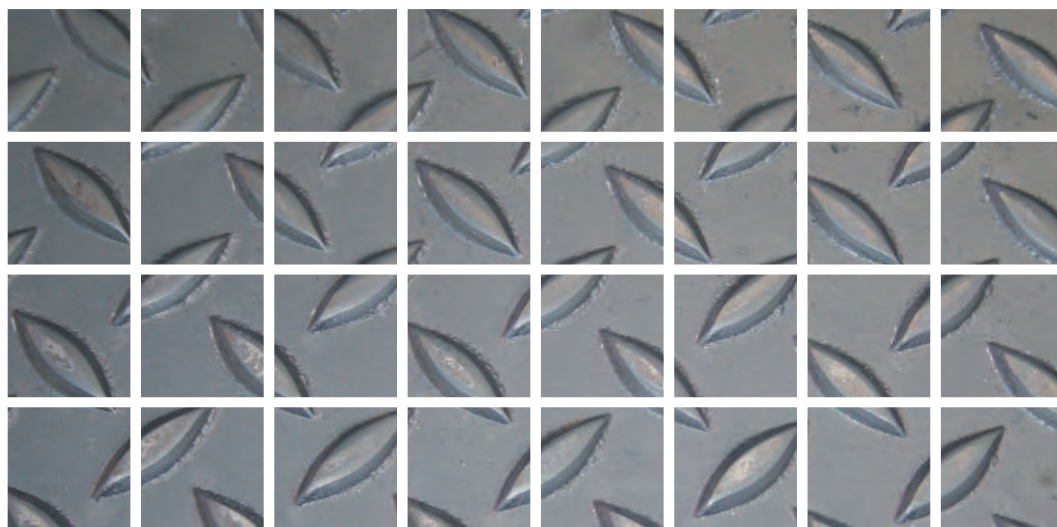
Spessore mm	Peso Kg/m ²	Formato		
		1000x2000	1250x2500	1500x3000
3	23,55	47,10	73,59	105,98
4	31,40	62,80	98,13	141,30
5	39,25	78,50	122,66	176,63
6	47,10	94,20	147,19	211,95
7	54,95	109,90	171,72	247,28
8	62,80	125,60	196,25	282,60
10	78,50	157,00	245,31	353,25

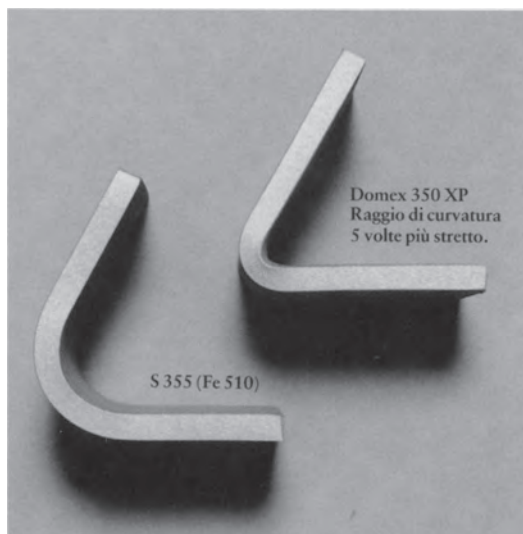
LAMIERE STRIATE

Spessore mm	Peso Kg/m ²	Formato		
		1000x2000	1250x2500	1500x3000
2,5	22,2	44,4	69,4	99,9
3	28,6	57,2	89,4	127,7
4	36,5	73,0	114,1	164,3
5	44,3	88,6	138,4	199,4
6	52,1	104,2	162,8	234,5
8	67,8	135,6	211,9	305,1
10	83,6	167,2	261,2	376,2

LAMIERE BUGNATE

Spessore mm	Peso Kg/m ²	Formato		
		1000x2000	1250x2500	1500x3000
2	16,97	33,9	53,0	76,4
2,5	20,87	41,7	65,2	93,9
3	27,05	52,1	81,4	117,2
4	33,95	67,9	106,1	152,8
5	41,75	83,5	130,5	187,9
6	52,10	104,2	162,8	234,5
8	67,9	135,8	212,2	305,6





CARATTERISTICHE TECNICHE

Tipo di acciaio	ReH N/mm2 min.	Rm N/mm2 min.	A5 % min.	Piegabilità, Ri	
				2-6 mm	>6 mm
Domex 220 YP	220	320	30	0,3 x t	0,5 x t
Domex 240 YP	240	360	28	0,5 x t	0,7 x t
Domex 280 YP	280	350	28	0,8 x t	0,9 x t
Domex 310 YP	310	380	26	1,0 x t	1,1 x t
Domex 355 YP	355	420	24	1,0 x t	1,3 x t
Domex 390 YP	390	460	22	1,2 x t	1,5 x t
Domex 420 YP	420	480	21	1,2 x t	1,5 x t

Tipo di acciaio	ReH N/mm2 min.	Rm N/mm2 min.	A5 % min.	Piegabilità, Ri	
				2-6 mm	>6 mm
Domex 355 XP	355	420	24	0,5 x t	0,8 x t
Domex 390 XP	390	460	22	0,6 x t	1,0 x t
Domex 420 XP	420	480	21	0,6 x t	1,0 x t
Domex 490 XP	490	550	18	0,8 x t	1,4 x t
Domex 590 XP	590	650	15	1,5 x t	1,8 x t
Domex 640 XP	640	700	15	1,5 x t	1,8 x t
Domex 690 XP	690	750	15	1,6 x t	1,8 x t
Domex 740 XP	740	790	13	1,8 x t	2,0 x t



LAMIERE FORATE

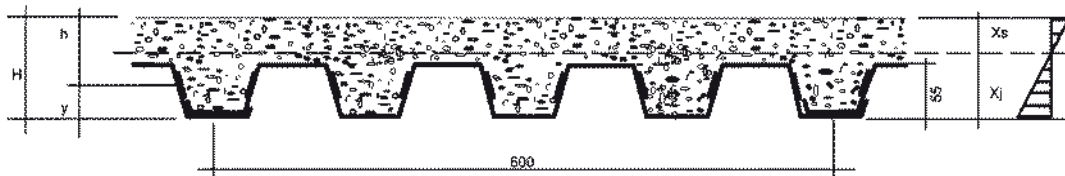
Spessore	Diametro foro	Passo	Formato
1	2,00	3,5	1000 x 2000
1	5,00	8	1000 x 2000
1	8,00	12	1000 x 2000
1,2	5,00	8	1000 x 2000
1,2	8,00	12	1000 x 2000
1,5	6	9	1000 x 2000
1,5	8	12	1000 x 2000
1,5	10	15	1000 x 2000
2	8	12	1000 x 2000
2	10	15	1000 x 2000
2	12	18	1000 x 2000
2	20	28	1000 x 2000
3	8	12	1000 x 2000
2	asola 10 x 20	-	1000 x 2000

LAMIERE
GRECATE
ZINCATE

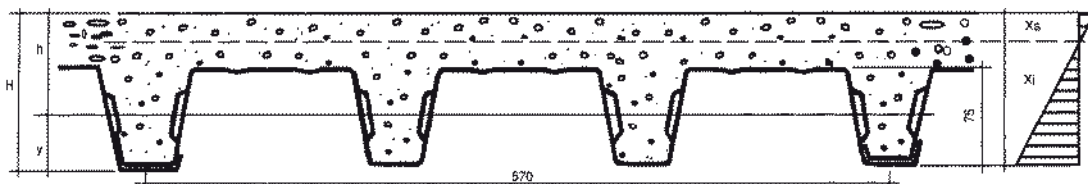
LAMIERE GRECATE PER COPERTURA

Peso Kg/m ²		Spessore mm			
		0,6	0,7	0,8	1
		6,42	7,49	8,57	10,72
Peso kg/m ²	1000	4,71	5,49	6,28	7,85
	1250	5,88	6,86	7,85	9,81
	1500	7,06	8,24	9,42	11,77

Formato					
Spessore	0,6	0,7	0,8	1,0	1,2
Peso Kg/m ²	7,85	9,16	10,47	10,08	15,07
1000 Peso Kg/m ² 1250	4,71	5,49	6,28	7,85	9,42
	5,88	6,86	7,85	9,81	11,77
J cm ^{4/m}	42,19	51,28	60,67	79,92	98,39
W cm ^{3/m}	12,2	15,15	18,28	25,01	32,19

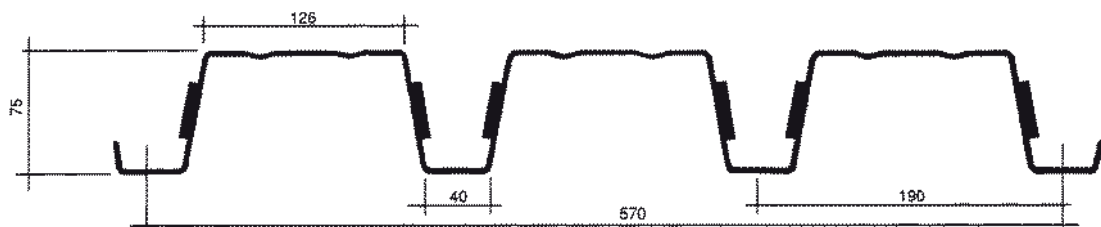


H cm	peso soletta kg/m ²	spessore lamiera mm	X _S cm	J _{tot} cm ⁴ /m	W _S cm ³ /m	W _i cm ³ /m	T kg/m
9	165	0,7	2,90	291	1003	47,70	1030
		0,8	3,04	320	1052	53,51	
		1,0	3,28	374	1140	65,38	
		1,2	3,48	423	1215	76,63	
		1,5	3,73	490	1313	92,97	
10	165	0,7	3,18	383	1204	56,15	1130
		0,8	3,33	422	1267	63,26	
		1,0	3,61	493	1365	77,15	
		1,2	3,83	557	1454	93,51	
		1,5	4,12	664	1563	109,52	
11	215	0,7	3,44	493	1433	65,20	1250
		0,8	3,61	543	1504	73,47	
		1,0	3,91	634	1621	89,42	
		1,2	4,17	718	1721	105,12	
		1,5	4,48	830	1852	127,30	
12	240	0,7	3,68	621	1687	74,63	1360
		0,8	3,87	684	1767	84,13	
		1,0	4,21	800	1900	102,69	
		1,2	4,49	905	2015	120,50	
		1,5	4,83	1047	2167	146,02	



CARATTERISTICHE STATICHE DELLA SOLETTA m = 10

H cm	peso soletta kg/m ²	spessore lamiera mm	X _S cm	J _{tot} cm ⁴ /m	W _S cm ³ /m	W _i cm ³ /m	T kg/m
12	175	0,7	3,26	456	1400	52,24	1420
		0,8	3,42	504	1473	58,74	
		1,0	3,69	592	1606	71,31	
		1,2	3,92	674	1720	83,45	
		1,5	4,24	787	1869	101	
13	200	0,7	3,53	572	1620	60,38	1535
		0,8	3,70	631	1705	67,85	
		1,0	4,01	741	1848	82,44	
		1,2	4,26	842	1977	96,38	
		1,5	4,58	981	2141	116,48	
14	225	0,7	3,78	705	1866	69,02	1635
		0,8	3,97	835	2103	83,23	
		1,0	4,30	914	2126	94,25	
		1,2	4,59	1039	2263	110,37	
		1,5	4,94	1208	2446	133,36	
15	250	0,7	4,02	857	2133	78,09	1765
		0,8	4,23	946	2237	87,88	
		1,0	4,59	1112	2423	106,83	
		1,2	4,90	1264	2579	125,11	
		1,5	5,28	1470	2784	151,23	



CARATTERISTICHE STATICHE DELLA LAMIERA

Spessore mm		0,7	0,8	1,0	1,2	1,5
peso	kg/m ²	9,64	11,02	13,77	16,53	20,66
peso	kg/m	5,49	6,28	7,85	9,42	11,77
J _{tot}	cm ⁴ /m	110,82	126,65	158,32	189,98	237,48
J _{ridotto}	cm ⁴ /m	80,03	94,71	126,23	159,47	207,06
W _s	cm ³ /m	18,98	22,96	31,79	41,66	58,13
W _i	cm ³ /m	21,67	25,16	32,34	39,68	50,92
Y	cm	4,41	4,41	4,41	4,41	4,41
A _f	cm ² /m	12,28	14,03	17,54	21,05	26,31

DIAMETRI RETE A MAGLIA SALDATA DA 150 X 150 mm

Spessore mm 0,7	Altezza soletta cm 1,5			
Distanza fra gli appoggi	12	13	14	15
< 2,00 m	3,5	3,5	3,5	4,0
2,00 : 3,60 m	4,5	4,5	4,5	4,5
> 3,60	5,0	5,0	5,0	5,0

The quality management system of

CARBONI S.p.A.

Via Mandrio, 1/B - 3/A - 42015 CORREGGIO (RE) - Italy

has been assessed and certified as meeting the requirements of

ISO 9001 / UNI EN ISO 9001:2008

For the following activities

Trading under manufacturer's brandname of hydro-thermo sanitary products, bathroom furnishings, iron products, ironmongery and industry tooling, products and equipment for the building industry. Steel forming for reinforced concrete. Steel beams and rolled sections forming.

EA Sector: 29A, 17

This certificate is valid from 22/12/2012 until 22/12/2015 and remains valid subject to satisfactory surveillance audits.
Re certification audit due before 22/12/2015.
Issue.6. Certified since 28/12/2000.

Further clarifications regarding the scope of this certificate and the applicability of ISO 9001:2008 requirements may be obtained by consulting the organization.

Authorized by
Paola Santarelli



SGS ITALIA S.p.A. - Systems & Services Certification
Via G. Gozzi, 1/A 20129 MILANO - Italy
t +39 02 73 93 1 f +39 02 70 10 94 89 www.sgs.com

Page 1 of 1



This document is issued by the Company subject to its General Conditions of Certification Services accessible at www.sgs.com/terms_and_conditions.htm. Attention is drawn to the limitations of liability, indemnification and jurisdictional issues established therein. The authenticity of this document may be verified at <http://www.sgs.com/VeriOur-Company/Certified-Client-Directories/Certified-Client-Directories.aspx>. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.



CARBONI SPA
42015 Correggio (RE) - Via Mandrio, 1/B - 3/A
Tel. 0522.633211 - Fax. 0522.631971
prodottisiderurgici@carboni.com
www.carboni.com

Ufficio commerciale:
Via del Tappezziere, 5
Zona Roveri, Bologna
Tel. 051.6821337 - Fax. 051.6822406
www.carboni.com