

SIDERtor^{no}

Prodotti Siderurgici - Ferramenta
Ferro Battuto e Acciaio Inox

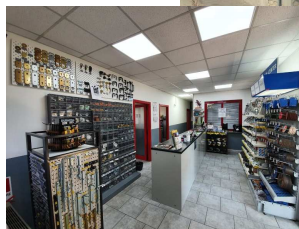
PRODOTTI SIDERURGICI

PRONTUARIO DEI PESI TEORICI

**PRODOTTI SIDERURGICI
FERRO & INOX - TUBI - LAMIERE
TRAVI - GRIGLIATI
FERRAMENTA & FERRO BATTUTO**

SIDERTorino S.p.A.

**PRODOTTI siderurgici
FERRO - INOX - Alluminio - Ottone
Tubi - Lamiere - Travi - Grigliati
Ferramenta e Ferro Battuto**



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TABELLA RAFFRONTO MISURE

POLLICI	DN	DIN	SMS/TC	ISO	CARTIERA
1/8"	5	-	-	10,3	-
1/4"	8	-	6,35	13,7	-
3/8"	10	12	9,54	17,1	-
1/2"	15	18	12,70	21,3	-
3/4"	20	22	19,05	26,9	-
1"	25	28	25,4	33,7	-
1" 1/4	32	34	(31,75)	42,4	-
1" 1/2	40	40	38,10	48,3	40
2"	50	52	50,80	60,3	54
2" 1/2	65	70	63,50	76,1	-
3"	80	85	76,10	88,9	84
4"	100	101,6/104	101,60	114,3	104
5"	125	129	129	139,7	129
6"	150	154	154	168,3	154
8"	200	204	204	219,1	204
10"	250	254	254	273	254
12"	300	-	-	323,9	306
14"	350	-	-	355,6	356
16"	400	-	-	406,4	406
18"	450	-	-	455,7	455
20"	500	-	-	508	508
24"	600	-	-	609,6	609
28"	700	-	-	711,2	711,2
32"	800	-	-	812	812

Avvertenza

I pesi sono indicativi e calcolati in base al peso specifico dell'acciaio: Kg 7,85 al dmc.
Tali dati potranno differire secondo le tolleranze ammesse dalle norme UNI.

ACCIAIO LAMINATO A CALDO

PER IMPIEGHI STRUTTURALI

EN 10027-1	EN 10027-2	PRECEDENTI DESIGNAZIONI EQUIVALENTI			ReH min. (N/mm ²)
		<i>Italia</i>	<i>Germania</i>	<i>Francia</i>	
S185	1.0035	Fe320	St33	A33	185
S235JR	1.0038	Fe360B	St37.2	E24.2	235
S235JO	1.0114	Fe360C	St37.3U	E24.3	235
S235J2	1.0117	Fe360D	St37.3N	E24.4	235
S275JR	1.0044	Fe430B	St44.2	E28.2	275
S275JO	1.0143	Fe430C	St44.3U	E28.3	275
S275J2	1.0145	Fe430D	St44.3N	E28.4	275
S355JR	1.0045	Fe510B		E36.2	355
S355JO	1.0553	Fe510C	St52.3U	E36.3	355
S355J2	1.0577	Fe510D	St52.3N		355
S355K2	1.0596	Fe510DD		E36.4	355

Esempio di designazione simbolica per prodotti laminati a caldo di acciai per impieghi strutturali

S 355 J 2 + (C) + M

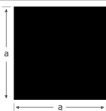
CARATTERISTICHE MECCANICHE				RESILIENZA	
Rm (N/mm ²)		A % min.		min.	
< 3	≥ 3	< 3	≥ 3	°C	J
310÷540	290÷510	12	16	-	-
360÷510	340÷470	19	24	+20	27
360÷510	340÷470	19	24	0	27
360÷510	340÷470	19	24	-20	27
430÷580	410÷560	16	20	+20	27
430÷580	410÷560	16	20	0	27
430÷580	410÷560	16	20	-20	27
510÷680	490÷630	16	20	+20	27
510÷680	490÷630	16	20	0	27
510÷680	490÷630	16	20	-20	27
510÷680	490÷630	16	20	-20	40

SIMBOLO PRINCIPALE		S: acciai da costruzione	
carico di snervamento minimo in MPa			
energia di resilienza		J energia di resilienza min. 27 J	
		K energia di resilienza min. 40 J	
resilienza (temperatura di prova)		R	+ 20° C
		0	0° C
		2	- 20° C
		4	- 40° C
		L	- 40° C (Q), - 50° C (N/M)
		L1	- 60° C
simbolo relativo al particolare impiego strutturale			
CONDIZIONI DI FORNITURA		+ AR	Grezzo di fornitura
		+ N	Laminazione normalizzata
		+ M	Laminazione termo meccanica
		+ Q	Acciaio ad alto limite di snervamento, bonificato
		+ W	Acciaio con resistenza migliorata alla corrosione atmosferica



LAMINATI TONDI

Diametro mm.	Peso Kg/m.	Diametro mm.	Peso Kg/m.	Diametro mm.	Peso Kg/m.
3	0,056	38	8,91	135	112
4	0,099	39	9,38	140	121
5	0,154	40	9,86	145	130
6	0,222	42	10,90	150	139
7	0,302	44	11,95	155	148
8	0,395	45	12,50	160	158
9	0,500	48	14,20	165	168
10	0,617	50	15,40	170	178
11	0,747	52	16,70	175	189
12	0,888	53	17,30	180	200
13	1,04	55	18,70	185	211
14	1,21	58	28,70	190	223
15	1,39	60	22,20	195	234
16	1,58	63	24,50	200	247
17	1,78	65	26,00	205	259
18	2,00	68	28,50	210	272
19	2,23	70	30,20	215	285
20	2,47	72	32,00	220	298
21	2,72	73	32,90	225	312
22	2,98	75	34,70	230	326
23	3,26	78	37,51	235	341
24	3,55	80	39,50	240	355
25	3,85	83	42,50	245	370
26	4,17	85	44,50	250	385
27	4,49	88	47,70	260	417
28	4,83	90	49,90	270	450
29	5,19	95	55,64	280	484
30	5,55	98	59,28	290	519
31	5,93	100	61,60	300	555
32	6,32	105	68,00	320	632
33	6,72	110	74,60	350	756
34	7,13	115	81,50	400	988
35	7,56	120	88,80	420	1089
36	8,00	125	96,30	450	1250
37	8,45	130	104		



LAMINATI QUADRI

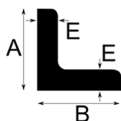
Dimensioni mm.	Peso Kg/m.	Dimensioni mm.	Peso Kg/m.	Dimensioni mm.	Peso Kg/m.
5	0,200	40	12,560	125	122,66
6	0,280	42	13,85	130	132,67
7	0,380	44	15,20	135	143,07
8	0,500	45	15,90	140	153,86
9	0,640	48	18,09	145	165,05
10	0,790	50	19,63	150	176,63
11	0,950	52	21,23	155	188,60
12	1,130	53	22,08	160	200,96
13	1,330	55	23,74	165	213,72
14	1,540	58	26,41	170	226,87
15	1,770	60	28,26	175	240,41
16	2,010	62	30,18	180	254,34
17	2,270	63	31,16	185	268,66
18	2,540	65	33,16	190	283,39
19	2,830	68	36,30	195	298,50
30	3,140	70	38,47	200	314,00
21	3,460	72	40,69	205	329,90
22	3,800	73	41,83	210	346,19
23	4,150	75	44,15	215	362,87
24	4,520	78	47,76	220	379,94
25	4,910	80	50,24	225	397,40
26	5,310	82	52,78	230	415,27
27	5,720	83	54,08	235	433,52
28	6,150	85	56,71	240	452,16
29	6,600	88	60,79	245	471,20
30	7,070	90	63,59	250	490,63
31	7,540	92	66,44	260	530,66
32	8,040	93	67,90	270	575,27
33	8,550	95	70,85	280	615,44
34	9,070	98	75,39	290	660,19
35	9,620	100	78,50	300	705,50
36	10,170	105	86,55	310	754,39
37	10,750	110	94,99	320	803,84
38	11,340	115	103,82	330	854,87
39	11,940	120	113,04	340	907,46

LAMINATI PIATTI

Dimensioni mm.	Peso Kg/m.	Dimensioni mm.	Peso Kg/m.	Dimensioni mm.	Peso Kg/m.	Dimensioni mm.	Peso Kg/m.
10x3	0,236	20x4	0,629	35x3	0,825	50x4	1,572
10x4	0,314	20x5	0,786	35x5	1,376	50x5	1,965
10x5	0,393	20x6	0,943	35x6	1,651	50x6	2,358
10x6	0,472	20x8	1,258	35x8	2,201	50x8	3,144
12x3	0,283	20x10	1,572	35x10	2,751	50x10	3,930
12x4	0,377	20x12	1,886	35x12	3,301	50x12	4,716
12x5	0,472	20x15	2,358	35x15	4,127	50x15	5,895
12x6	0,566	22x3	0,519	35x20	5,502	50x20	7,860
14x3	0,330	22x4	0,692	35x25	6,878	50x25	9,825
14x4	0,440	22x5	0,865	40x3	0,943	50x30	11,790
14x5	0,550	22x6	1,038	40x4	1,258	50x40	15,720
14x6	0,660	22x8	1,383	40x5	1,572	60x3	1,415
14x8	0,880	22x10	1,729	40x6	1,886	60x4	1,886
15x3	0,354	22x12	20,75	40x8	60x6	60x5	2,358
15x4	0,472	22x15	2,594	40x10	3,144	60x6	2,830
15x5	0,590	25x3	0,590	40x12	3,773	60x8	3,773
15x6	0,707	25x4	0,786	40x15	4,716	60x10	4,716
15x8	0,943	25x5	0,983	40x20	6,288	60x12	5,659
15x10	1,179	25x6	1,179	40x25	7,860	60x15	7,074
16x3	0,377	25x8	1,572	40x30	9,432	60x20	9,432
16x4	0,503	25x10	1,965	45x3	1,061	60x25	11,790
16x5	0,629	25x12	2,358	45x4	1,415	60x30	14,148
16x6	0,755	25x15	2,948	45x5	1,769	60x40	18,864
16x8	1,006	30x3	0,707	45x6	2,122	60x50	23,580
16x10	1,258	30x4	0,943	45x8	2,830	70x3	1,651
18x3	0,424	30x5	1,179	45x10	3,537	70x4	2,201
18x4	0,566	30x6	1,415	45x12	4,244	70x5	2,751
18x5	0,707	30x8	1,886	45x15	5,306	70x6	3,301
18x6	0,849	30x10	2,358	45x20	7,074	70x8	4,402
18x8	1,132	30x12	2,830	45x25	8,843	70x10	5,502
18x10	1,415	30x15	3,537	45x30	10,611	70x12	6,602
20x3	0,472	30x20	4,716	50x3	1,179	70x15	8,253

LAMINATI PIATTI

Dimensioni mm.	Peso Kg/m.	Dimensioni mm.	Peso Kg/m.	Dimensioni mm.	Peso Kg/m.	Dimensioni mm.	Peso Kg/m.
70x20	11,004	90x50	35,370	120x8	7,546	140x25	27,510
70x25	13,755	90x60	42,444	120x10	9,432	140x30	33,012
70x30	16,506	100x3	2,358	120x12	11,318	140x40	44,016
70x40	22,008	100x4	3,144	120x15	14,148	140x50	55,020
70x50	27,510	100x5	3,930	120x20	18,864	140x60	66,024
70x60	33,012	100x6	4,716	120x25	23,580	150x3	3,537
80x3	1,886	100x8	6,288	120x30	28,296	150x4	4,716
80x4	2,515	100x10	7,860	120x40	37,728	150x5	5,895
80x5	3,144	100x12	9,432	120x50	47,160	150x6	7,074
80x6	3,773	100x15	11,790	120x60	56,592	150x8	9,432
80x8	5,030	100x20	15,720	130x4	4,087	150x10	11,790
80x10	6,288	100x25	19,650	130x5	5,109	150x12	14,148
80x12	7,546	100x30	23,580	130x6	6,131	150x15	17,685
80x15	9,432	100x40	31,440	130x8	8,174	150x20	23,580
80x20	12,576	100x50	39,300	130x10	10,218	150x25	29,475
80x25	15,720	100x60	47,160	130x12	12,262	150x30	35,370
80x30	18,864	110x4	3,458	130x15	15,327	150x40	47,160
80x40	25,152	110x5	4,323	130x20	20,436	150x50	58,950
80x50	31,440	110x6	5,188	130x25	25,545	150x60	70,740
80x60	37,728	110x8	6,917	130x30	30,654		
90x3	2,122	110x10	8,646	130x40	40,872		
90x4	2,830	110x12	10,375	130x50	51,090		
90x5	3,537	110x15	12,969	130x60	61,308		
90x6	4,244	110x20	17,292	140x3	3,301		
90x8	5,659	110x25	21,615	140x4	4,402		
90x10	7,074	110x30	25,938	140x5	5,502		
90x12	8,489	110x40	34,584	140x6	6,602		
90x15	10,611	110x50	43,230	140x8	8,803		
90x20	14,148	110x60	51,876	140x10	11,004		
90x25	17,685	120x4	3,773	140x12	13,205		
90x30	21,222	120x5	4,716	140x15	16,506		
90x40	28,296	120x6	5,659	140x20	22,008		



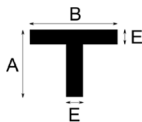
ANGOLARI (Spigoli tondi)

Dimensioni AxBxE mm.	Peso Kg/m.	Dimensioni AxBxE mm.	Peso Kg/m.	Dimensioni AxBxE mm.	Peso Kg/m.
15x15x3	0,643	65x65x7	6,83	130x130x10	19,80
20x20x3	0,879	65x65x8	7,73	130x130x11	21,60
20x20x4	1,14	70x70x7	7,38	130x130x12	23,60
25x25x3	1,11	70x70x8	8,36	130x130x13	25,50
25x25x4	1,45	70x70x9	9,34	130x130x14	27,20
25x25x5	1,77	70x70x11	11,23	140x140x12	25,63
25x25x6	2,10	80x80x8	9,66	140x140x13	27,50
30x30x3	1,36	80x80x9	10,75	140x140x15	31,40
30x30x4	1,78	80x80x10	11,85	150x150x10	23,00
30x30x5	2,18	80x80x12	14,00	150x150x11	31,40
30x30x6	2,58	90x90x8	10,90	150x150x12	27,30
35x35x4	2,09	90x90x9	12,20	150x150x14	31,60
35x35x5	2,57	90x90x10	13,40	150x150x15	33,80
35x35x6	3,04	90x90x11	14,70	150x150x16	35,90
40x40x4	2,42	100x100x7	10,80	150x150x17	38,00
40x40x5	2,97	100x100x8	12,20	150x150x18	40,10
40x40x6	3,52	100x100x10	15,10	150x150x19	42,00
45x45x5	3,38	100x100x11	16,40	150x150x20	44,20
45x45x6	3,99	100x100x12	17,80	180x180x12	33,00
50x50x5	3,77	100x100x14	20,60	180x180x14	38,40
50x50x6	4,47	110x110x10	16,60	180x180x15	41,00
50x50x7	5,15	110x110x12	19,70	180x180x16	43,65
50x50x8	5,81	110x110x14	22,80	180x180x18	48,53
50x50x9	6,47	120x120x7	13,00	200x200x14	42,90
55x55x5	4,16	120x120x8	14,75	200x200x16	48,60
55x55x6	4,95	120x120x9	16,40	200x200x18	54,30
60x60x5	4,57	120x120x10	18,20	200x200x20	59,90
60x60x6	5,42	120x120x11	19,90	200x200x22	65,60
60x60x8	7,09	120x120x12	21,60	200x200x25	76,90
65x65x5	4,96	120x120x13	23,30	250x250x25	93,50
65x65x6	5,91	120x120x15	26,60		



ELLE (spigoli tondi)

Dimensioni AxBxE mm.	Peso Kg/m.	Dimensioni AxBxE mm.	Peso Kg/m.
20x12x4	0,88	80x60x8	8,33
25x25x4,5	1,25	80x60x10	10,20
30x17,5x5	1,67	100x50x8	8,99
30x20x4	1,46	100x50x10	11,10
35x20x4	1,61	100x65x7	8,77
35x20x5,5	2,14	100x65x8	9,95
40x20x4	1,77	100x65x9	11,10
40x20x5	2,17	100x65x10	12,25
40x22x6	2,64	100x65x11	13,40
40x25x4	1,92	110x75x8	11,20
40x25x5	2,37	110x75x10	13,80
45x30x4	2,25	120x60x8	10,90
45x30x5	2,77	120x60x10	13,40
45x30x6	3,24	120x80x8	12,20
50x30x5	2,96	120x80x10	15,00
50x30x6	3,51	120x80x12	17,80
60x30x5	3,37	130x65x8	11,90
60x30x6	3,99	130x65x10	14,60
60x40x5	3,76	130x65x12	17,30
60x40x6	4,56	150x100x10	19,30
75x50x6	5,65	150x100x14	26,10
75x50x7	6,53	150x100x15	27,80
80x40x6	5,41	200x100x12	27,30
80x40x8	7,07	200x100x14	31,60
80x60x7	7,36	200x100x16	35,90



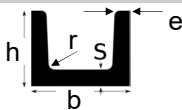
T (spigoli tondi)

Dimensioni AxBxE mm.	Peso Kg/m.	Dimensioni AxBxE mm.	Peso Kg/m.
20x20x4,0	1,13	60x60x8	7,03
25x25x4,5	1,61	70x70x9	9,26
30x30x5,0	2,16	80x80x10	11,80
35x35x5,5	2,78	100x100x11	16,40
40x40x6,0	3,49	120x120x13	23,20
45x45x6,5	4,26	140x140x15	31,30
50x50x7,0	5,11		



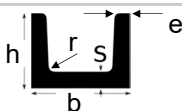
ESAGONO Trafilato

Dimensioni mm.	Peso Kg/m.	Dimensioni mm.	Peso Kg/m.	Dimensioni mm.	Peso Kg/m.
5	0,170	6	0,245	7	0,333
8	0,435	9	0,551	10	0,680
11	0,823	12	0,979	13	1,149
14	1,332	15	1,530	16	1,740
17	1,965	18	2,203	19	2,454
20	2,719	21	2,998	22	3,290
24	3,916	25	4,249	27	4,956
28	5,330	30	6,118	32	6,960
35	8,328	36	8,811	38	9,817
40	10,88	42	12,60	45	13,77
50	17,00	55	20,56	60	24,48
65	28,72	70	33,32	75	38,24
80	43,51	90	55,07	100	67,98



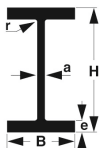
U Serie normale

UPN mm.	b mm.	h mm.	a mm.	e mm.	r mm.	sezione cm ²	Peso Kg/m
30	33	30	5,0	7,0	7,0	4,44	4,27
40	35	40	5,0	7,0	7,0	6,21	4,88
50	38	50	5,0	7,0	7,0	7,12	5,59
65	42	65	5,5	7,5	7,5	9,03	7,09
80	45	80	6,0	8,0	8,0	11,0	8,65
100	50	100	6,0	8,5	8,5	13,5	10,6
120	55	120	7,0	9,0	9,0	17,0	13,3
140	60	140	7,0	10,0	10,0	20,4	16,0
160	65	160	7,5	10,5	10,5	24,0	18,9
180	70	180	8,0	11,0	11,0	28,0	22,0
200	75	200	8,5	11,5	11,5	32,2	25,3
220	80	220	9,0	12,5	12,5	37,4	29,4
240	85	240	9,5	13,0	13,0	42,3	33,2
260	90	260	10,0	14,0	14,0	48,3	37,9
280	95	280	10,0	15,0	15,0	53,4	41,9
300	100	300	10,0	16,0	16,0	58,8	46,1



U Serie speciale

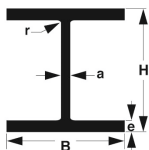
UPN mm.	b mm.	h mm.	a mm.	e mm.	r mm.	sezione cm ²	Peso Kg/m
25	12	25	4	4	4	1,68	1,30
30	15	30	4	4,5	4,5	2,21	1,98
35	17	35	5	5,5	5,5	3,27	2,52
40	20	40	5	5,5	5	3,66	3,23
50	25	50	5	6	6	4,92	4,15
60	30	60	6	6	6	6,46	5,45



TRAVI IPE

IPE mm.	B mm.	H mm.	a mm.	e mm.	r mm.	Peso Kg/m
80	80	46	3,8	5,2	5	6,0
100	100	55	4,1	5,7	7	8,1
120	120	64	4,4	6,3	7	10,4
140	140	73	4,7	6,9	7	12,9
160	160	82	5,0	7,4	9	15,8
180	180	91	5,3	8,0	9	18,8
200	200	100	5,6	8,5	12	22,4
220	220	110	5,9	9,2	12	26,2
240	240	120	6,2	9,8	15	30,7
270	270	135	6,6	10,2	15	36,1
300	300	150	7,1	10,7	15	42,2
330	330	160	7,5	11,5	18	49,1
360	360	170	8,0	12,7	18	57,1
400	400	180	8,6	13,5	21	66,3
450	450	190	9,4	14,6	21	77,6
500	500	200	10,2	16,0	21	90,7
550	550	210	11,1	17,2	24	106
600	600	220	12,0	19,0	24	122

IPE	Carico uniformemente distribuito tra due appoggi (luce in metri) Portate in Kg.							
	2,50	3,00	3,50	4,00	4,50	5,00	5,50	6,00
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
140	3925	3259	2782	2422	2140	1914	1728	1571
160	5541	4603	3931	3425	3029	2711	2450	2230
180	7428	6173	5273	4597	4068	3643	3294	3002
200	9876	8210	7016	6118	5417	4854	4391	4004
220	12837	10673	9124	7959	7050	6320	5720	5219
240	16512	13732	11741	10246	9078	8141	7371	6728
270	21874	18195	15563	13583	12040	10802	9785	8935
300	28413	23638	20222	17655	15653	14048	12731	11629
330	36383	30274	25904	22620	20060	18007	16323	14916
360	46142	38399	32860	28700	25457	22857	20724	18942
400	59226	49294	42191	36855	32697	29364	26631	24350
450	76606	63767	54585	47689	42317	38012	34482	31534
500	98589	82074	70265	61397	54490	48954	44417	40629
550	124663	103788	88863	77656	68927	61934	56202	51417
600	156879	130620	111847	97752	86775	77982	70776	64671
IPE	7,00	8,00	9,00	10,00	11,00	12,00	13,00	14,00
80	-	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-
120	896	-	-	-	-	-	-	-
140	1323	1133	-	-	-	-	-	-
160	1882	1617	1408	-	-	-	-	-
180	2538	2185	1907	1681	1492	-	-	-
200	3390	2925	2557	2259	2011	1800	1619	-
220	4424	3822	3348	2963	2644	2373	2140	1937
240	5709	4939	4332	3840	3432	3087	2791	2532
270	7592	6575	5776	5130	4595	4143	3754	3417
300	9889	8574	7542	6707	6017	5435	4935	4101
330	12564	11016	9698	8635	7756	7016	6382	5831
360	16130	14007	12343	11000	9891	8957	8158	7465
400	20747	18029	15901	14185	12769	11577	10559	9677
450	26885	23379	20635	18424	16601	15059	13760	12628
500	34656	30154	26632	23797	21460	19498	17824	16376
550	43875	38192	33748	30172	27226	24754	22646	20824
600	55283	48144	42564	38076	34381	31282	28641	26360

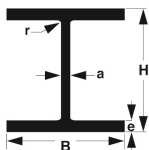


TRAVI HEA

HEA mm.	b mm.	h mm.	a mm.	e mm.	r mm.	Peso Kg/m
100	100	96	5,0	8,0	12,0	16,7
120	120	114	5,0	8,0	12,0	19,9
140	140	133	5,5	8,5	12,0	24,7
160	160	152	6,0	9,0	15,0	30,4
180	180	171	6,0	9,5	15,0	35,5
200	200	190	6,5	10,0	18,0	42,3
220	220	210	7,0	11,0	18,0	50,5
240	240	230	7,5	12,0	21,0	60,3
260	260	250	7,5	12,5	24,0	68,2
280	280	270	8,0	13,0	24,0	76,4
300	300	290	8,5	14,0	27,0	88,3
320	300	310	9,0	15,5	27,0	97,6
340	300	330	9,5	16,5	27,0	105
360	300	350	10,0	17,5	27,0	112
400	300	390	11,0	19,0	27,0	125
450	300	440	11,5	21,0	27,0	140
500	300	490	12,0	23,0	27,0	155
550	300	540	12,5	24,0	27,0	166
600	300	590	13,0	25,0	27,0	178
650	300	640	13,5	26,0	27,0	190
700	300	690	14,5	27,0	27,0	204
800	300	790	15,0	28,0	30,0	224
900	300	890	16,0	30,0	30,0	252
1000	300	990	16,5	31,0	30,2	272

HEA	Carico uniformemente distribuito tra due appoggi (luce in metri) Portate in Kg.					
	3	4	5	6	7	8
100	3065	2269	1785	1457	-	-
120	4463	3312	2614	2142	1799	-
140	6539	4861	3845	3158	2661	2282
160	9295	6918	5480	4511	3810	3277
180	12438	9266	7349	6059	5128	4420
200	16470	12279	9747	8045	6817	5886
220	21822	16278	12932	10684	9064	7836
240	28619	21359	16979	14038	11921	10318
260	35465	26479	21061	17425	14809	12830
280	42864	32014	25474	21088	17934	15549
300	53495	39967	31815	26350	22422	19454
320	62854	46970	37400	30988	26380	22899
340	71365	53340	42483	35210	29985	26040
360	80304	60032	47824	39648	33776	29344
400	98185	73420	58511	48530	41365	35960
450	123313	92240	73540	61027	52049	45280
500	151002	112980	90105	74803	63829	55560
550	176569	132136	105410	87537	74724	65072
600	203839	152568	121734	101119	86343	75216
650	232817	174280	139082	115553	98693	86000
700	265628	198864	158724	131896	112675	98208
800	327008	244864	195488	162496	138866	121088
900	403724	302352	241428	200728	171585	149664
1000	476624	256992	285104	237088	202713	176864

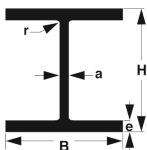
HEA	9	10	11	12	13	14
100	-	-	-	-	-	-
120	-	-	-	-	-	-
140	-	-	-	-	-	-
160	2855	2512	-	-	-	-
180	3862	3408	3031	-	-	-
200	5152	4556	4061	3642	-	-
220	6870	6087	5437	4887	4414	-
240	9057	8037	7191	6476	5862	5327
260	11276	10019	8978	8099	7345	6689
280	13677	12164	10912	9857	8951	8165
300	17125	15245	13691	12380	11258	10284
320	20170	17968	16148	14615	13304	12165
340	22948	20454	18394	16660	15177	13890
360	25872	23072	20761	18816	17153	15712
400	31728	28318	25505	23140	21120	19370
450	39984	35720	32205	29253	26734	24554
500	49094	43890	39604	36007	32939	30287
550	57528	51460	46465	42275	38704	35619
600	66522	59532	53780	48957	44849	41302
650	76086	68116	61561	56067	51388	47351
700	86911	77832	70367	64112	58788	54195
800	107211	96064	86903	79232	72706	67081
900	132559	118824	107541	98096	90096	83146
1000	156699	140512	127219	116096	106642	98501



TRAVI HEB

HEA mm.	B mm.	H mm.	a mm.	e mm.	r mm.	Peso Kg/m
100	100	100	6,0	10,0	12,0	20,4
120	120	120	6,5	11,0	12,0	26,7
140	140	140	7,0	12,0	12,0	33,7
160	160	160	8,0	13,0	15,0	42,6
180	180	180	8,5	14,0	15,0	51,2
200	200	200	9,0	15,0	18,0	61,3
220	220	220	9,5	16,0	18,0	71,5
240	240	240	10,0	17,0	21,0	83,2
260	260	260	10,0	17,5	24,0	93,0
280	280	280	10,5	18,0	24,0	103
300	300	300	11,0	19,0	27,0	117
320	300	300	11,5	20,5	27,0	127
340	300	300	12,0	21,5	27,0	134
360	300	300	12,5	22,5	27,0	142
400	300	300	13,5	24,0	27,0	155
450	300	300	14,0	26,0	27,0	171
500	300	300	14,5	28,0	27,0	187
550	300	300	15,0	29,0	27,0	199
600	300	300	15,5	30,0	27,0	212
650	300	300	16,0	31,0	27,0	225
700	300	300	17,0	32,0	27,0	241
800	300	300	17,5	33,0	30,0	262
900	300	300	18,5	35,0	30,0	291
1000	300	300	19,0	36,0	30,0	314

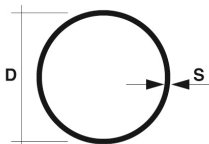
HEB	Carico uniformemente distribuito tra due appoggi (luce in metri) Portate in Kg.					
	3	4	5	6	7	8
100	3779	2798	2202	1798	1503	-
120	6064	4501	3553	2912	2446	2090
140	9115	6777	5361	4406	3714	3186
160	13142	9782	7749	6379	5389	4635
180	18022	13427	10650	8781	7431	6406
200	24136	17995	14286	11792	9994	8630
220	31188	23266	18484	15272	12958	11204
240	39772	29683	23597	19511	16570	14342
260	48788	36428	28975	23975	20378	17656
280	58571	43748	34813	28822	24513	21256
300	71329	53292	42423	35138	29901	25944
320	81966	61252	48773	40411	34402	29864
340	91758	68584	54626	45276	38559	33488
360	101974	76232	60730	50348	42892	37264
400	122415	91540	72953	60510	51578	44840
450	150954	112916	90025	74707	63717	55432
500	182479	136532	108889	90398	77137	67144
550	211456	158244	126237	104833	89487	77928
600	242564	181552	144860	120328	102745	89504
650	275805	206460	164763	136890	116916	101880
700	312450	233916	186699	155141	132530	115512
800	382361	286312	228578	190001	162372	141584
900	467607	350196	279633	232494	198740	173352
1000	549031	411224	328414	273103	233503	203728
HEB	9	10	11	12	13	14
100	-	-	-	-	-	-
120	-	-	-	-	-	-
140	2769	-	-	-	-	-
160	4040	3555	-	-	-	-
180	5598	4941	4394	-	-	-
200	7555	6683	5958	5344	-	-
220	9824	8706	7778	6993	6317	-
240	12592	11174	10000	9007	8154	7411
260	15519	13790	12359	11151	10114	9212
280	18700	16634	14925	13484	12249	11175
300	22840	20334	18262	16516	15021	13722
320	26306	23434	21061	19063	17352	15868
340	29514	26308	23661	21432	19526	17873
360	32855	29300	26365	23896	21785	19955
400	39565	35314	31808	28860	26342	24161
450	48950	43730	39428	35815	32731	30063
500	59330	53042	47863	43516	39809	36605
550	68893	61626	55644	50625	46348	42654
600	79159	70840	63995	58256	53367	49146
650	90135	80694	72929	66420	60878	56096
700	102222	91542	82760	75401	69138	63735
800	125358	112324	101613	92643	85012	78435
900	153541	137634	124566	113628	104328	96315
1000	180498	161852	146539	133725	122835	113455



TRAVI HEM

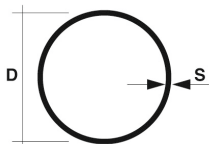
HEA mm.	B mm.	H mm.	a mm.	e mm.	r mm.	Peso Kg/m
100	106	120	12,0	20,0	12,0	41,8
120	126	140	12,5	21,0	12,0	52,1
140	146	160	13,0	22,0	12,0	63,2
160	166	180	14,0	23,0	15,0	76,2
180	186	200	14,5	24,0	15,0	88,9
200	206	220	15,0	25,0	18,0	103
220	226	240	15,5	26,0	18,0	117
240	248	270	18,0	32,0	21,0	157
260	268	290	18,0	32,5	24,0	172
280	388	310	18,5	33,0	24,0	189
300	310	340	21,0	39,0	27,0	238
320	309	359	21,0	40,0	27,0	245
340	309	377	21,0	40,0	27,0	248
360	308	395	21,0	40,0	27,0	250
400	307	432	21,0	40,0	27,0	256
450	307	478	21,0	40,0	27,0	263
500	306	524	21,0	40,0	27,0	270
550	306	572	21,0	40,0	27,0	278
600	305	620	21,0	40,0	27,0	385
650	305	668	21,0	40,0	27,0	374
700	304	716	21,0	40,0	27,0	301
800	303	814	21,0	40,0	30,0	317
900	302	910	21,0	40,0	30,0	333
1000	302	1008	21,0	40,0	30,0	349

HEM	Carico uniformemente distribuito tra due appoggi (luce in metri) Portate in Kg.					
	3	4	5	6	7	8
100	7981	5913	4655	3803	3182	2706
120	12132	9008	7112	5831	4902	4191
140	17346	12899	10206	8389	7073	6070
160	23921	17807	14109	11617	9816	8446
180	31648	23580	18704	15424	13055	11257
200	40950	30532	24240	20011	16961	14648
220	51702	38572	30647	25325	21490	18584
240	76329	56972	45295	37458	31815	27544
260	91644	68432	54436	45048	38293	33184
280	108233	80844	64335	53266	45306	39288
300	147766	110408	87898	72812	61968	53776
320	161398	120620	96055	79567	67771	58840
340	172056	128608	102440	84912	72321	62816
360	182717	136600	108830	90233	76879	66800
400	204885	153216	122112	101291	86345	75072
450	233878	174948	139485	115755	98730	85896
500	262870	196680	156858	130220	111116	93720
550	294419	220328	175762	145959	124591	108496
600	325972	243980	194671	161703	138074	120280
650	358801	268588	214343	178082	152098	1432536
700	391630	293196	234015	194461	166122	144792
800	462836	346572	276687	229991	196547	171384
900	534041	399948	319359	265522	226972	197976
1000	610366	457164	365103	303613	259591	226488
HEM	9	10	11	12	13	14
100	-	-	-	-	-	-
120	3627	-	-	-	-	-
140	5277	4629	-	-	-	-
160	7364	6483	5748	-	-	-
180	9838	8685	7726	6912	-	-
200	12826	11348	10119	9079	8182	-
220	16298	14446	12909	11609	10491	9516
240	24187	21470	19218	17316	15682	14259
260	29172	25928	23243	20976	19032	17341
280	34566	30750	27594	24932	22651	20668
300	47351	42164	37877	34264	31171	28485
320	51839	46190	41523	37593	34320	31313
340	55368	49360	44399	40224	36653	33557
360	58906	52540	47286	42867	39088	35814
400	66247	59136	53271	48341	44130	40485
450	75855	67770	61107	55511	50735	46604
500	86463	76404	68943	62680	57339	52723
550	95916	85796	77466	70477	64521	59377
600	106377	95198	86000	78287	71717	66044
650	117256	104974	94872	86404	79194	72972
700	128135	114750	103744	94521	86672	79900
800	151743	135966	123000	112143	102907	94945
900	175350	157182	142257	129764	119142	109989
1000	200663	179934	162910	148665	136558	126131



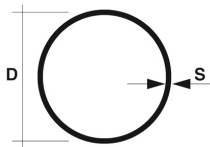
TUBI SALDATI TONDI

Diametro Ø mm.	Spessore mm.						
	1,5	2	3	4	5	6	8
	Peso Kg/m						
10	0,32						
12	0,37						
14	0,49						
15	0,59						
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	1,63				
28	0,98	1,28	1,65				
30	1,05	1,38	2,00				
32	1,13	1,48	2,15				
33	1,18	1,55	2,25	2,91			
35	1,24	1,63	2,37				
38	1,35	1,78	2,59	3,38			
40	1,42	1,88	2,74	3,55			
42	1,50	1,97	2,89	3,75			
45	1,61	2,12	3,11	4,05			
48	1,72	2,27	3,33	4,38	5,22		
50	1,79	2,37	3,48	4,54			
55	1,98	2,61	3,85	5,03			
57	2,05	2,71	4,00	5,23			
60	2,16	2,86	4,22	5,52	6,61		
63	2,27	3,01	4,40	5,70			



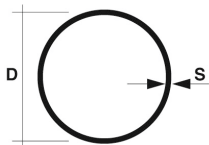
TUBI SALDATI TONDI

Diametro Ø mm.	Spessore mm.						
	1,5	2	3	4	5	6	8
	Peso Kg/m						
65	2,35	3,11	4,59	6,02			
70	2,53	3,35	4,96	6,51	8,02		
76	2,76	3,65	5,40	7,10	8,76		
80	2,90	3,85	5,70	7,50	9,26		
89		5,33	8,38	10,36	12,29	14,17	
102		6,13	9,67	11,96	14,37	16,41	
108			10,26	12,70	15,09	17,44	
114,3			10,85	13,44	15,99	18,49	
121			11,45	14,31	17,02	19,69	
127			12,13	15,04	17,90	20,74	
133			12,73	15,78	18,79	21,77	
139,7			13,39	16,61	19,78	22,93	
152			14,60	18,13	21,60	25,00	
159			15,29	18,99	22,64	26,24	
168,3			16,18	20,10	23,97	27,79	31,64
193,7			18,55	23,06	27,52	31,94	36,66
219			21,21	26,39	31,06	36,59	41,67
244,5			23,75	29,57	35,33	41,05	46,69
273			26,54	33,05	39,55	45,97	52,31
323,9			31,56	39,32	46,30	54,70	62,36
339,7			33,15	41,32	49,44	57,50	
355,6			34,72	43,28	51,79	60,25	68,62
406,4			39,74	49,55	59,32	69,03	78,65
457,2				55,83	66,84	77,81	93,00
508				62,10	74,37	86,59	103



TUBI SALDATI PER CARPENTERIA

Diametro Pollici	Diametro mm.	Spessore mm.	Peso Nero Kg/m.	Peso Zincato Kg/m.
3/8"	16,75	2,00	0,74	0,81
1/2"	21,25	2,30	0,95	1,18
3/4"	26,75	2,50	1,41	1,51
1"	33,48	2,50	2,01	2,12
1 ¼"	42,25	2,50	2,58	2,71
1 ½"	48,25	3,00	3,37	3,32
2"	60,00	3,00	4,22	4,28
2 ½"	76,00	3,00	5,40	6,04
3"	88,90	3,00	6,36	7,14
3 ½"	101,60	3,00	7,32	9,10
4"	114,30	3,00	8,21	10,30
4 ½"	127,00	4,00	12,20	-
5"	139,70	4,00	13,50	-
5 ½"	152,00	4,50	16,36	-
6"	168,00	4,50	18,20	-
8"	219,00	4,50	23,70	-

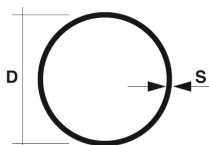


TUBI “GAS” SENZA SALDATURA

SERIE NORMALE (NERO E ZINCATO)

Disponibili solo su richiesta

Diametri			Spessore mm.	v.m. Kg/m.	Liscio Kg/m
DN	Pollici	esterno mm.			
6	1/8"	10,2	1,80	0,372	0,369
8	1/4"	13,5	2,00	0,577	0,573
10	3/8"	17,2	2,00	0,753	0,747
15	1/2"	21,3	2,35	1,11	1,10
20	3/4"	26,9	2,35	1,42	1,41
25	1	33,7	2,90	2,23	2,21
32	1 1/4"	42,4	2,90	2,87	2,84
40	1 1/2"	48,3	2,90	3,30	3,26
50	2"	60,3	3,25	4,63	4,56
70	2 1/2"	76,1	3,25	5,93	5,81
80	3"	88,9	3,65	7,82	7,65
100	4"	114,3	4,5	11,30	11,00
125	5"	139,7	4,85	16,70	16,20
150	6"	165,1	4,85	19,80	19,20

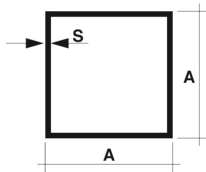


TUBI SALDATI

“MOBILIO”

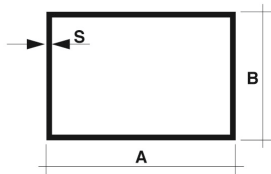
(Ricavato da nastro freddo e a caldo)

Diametro esterno mm.	Spessore				Diametro esterno mm.	Spessore	
	10/10	12/10	15/10	20/10		15/10	20/10
	Peso Kg/m.					Peso Kg/m.	
10	0,22	0,26	-	-	52	1,86	2,35
12	0,27	0,32	-	-	55	1,97	2,60
14	0,32	0,38	-	-	60	2,16	2,86
16	0,37	0,44	0,54	-	63,5	2,29	3,04
18	0,41	0,50	0,61	0,79	70	2,53	3,35
20	0,46	0,56	0,68	0,89	80	2,90	3,85
22	0,51	0,62	0,76	0,98	89	3,27	4,29
25	0,59	0,70	0,87	1,13	102	3,72	4,93
28	0,67	0,79	0,98	1,28	114	4,16	5,52
30	0,71	0,85	1,05	1,38	130	-	6,46
32	-	0,90	1,13	1,48	133	-	6,52
35	-	1,23	1,24	1,63	139	-	6,70
38	-	-	1,35	1,78	150	5,67	7,20
40	-	-	1,42	1,87	168	-	8,19
42	-	-	1,50	1,97	175	-	8,53
45	-	-	1,61	2,12	200	7,53	10,04
48	-	-	1,71	2,25	250	9,42	12,56
50	-	-	1,79	2,37	300	11,30	15,10



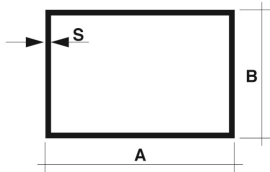
TUBOLARE QUADRO

Dim. mm.	Spessore mm.							
	1,5	2	3	4	5	6	8	10
	Peso Kg/m							
10x10	0,34							
12x12	0,43							
15x15	0,57	0,70						
20x20	0,81	1,02	1,36					
25x25	1,05	1,34	1,83					
30x30	1,28	1,65	2,30	2,84				
35x35	1,52	1,96	2,77	3,46				
40x40	1,75	2,28	3,24	4,09	4,83			
45x45	1,99	2,60	3,71	4,72	5,61			
50x50	2,22	2,91	4,19	5,35	6,40			
60x60	2,69	3,54	5,13	6,51	7,97	10,15		
65x65	2,93	3,85	5,60	7,24	8,75	10,34		
70x70		4,16	6,07	7,86	9,54	11,10		
80x80		4,79	7,02	9,12	11,11	12,99	16,38	24,89
90x90		5,42	7,96	10,38	12,68	14,87	18,89	28,03
100x100		6,07	8,90	11,64	14,26	16,76	21,41	31,17
110x110			9,84	12,89	15,83	18,64	23,93	37,45
120x120			10,79	14,15	17,40	20,53	26,44	40,59
140x140			12,72	16,76	20,52	24,28	31,43	43,73
150x150			13,62	17,92	22,11	26,19	33,98	48,44
160x160			14,61	19,27	23,66	28,04	34,46	56,29
175x175			15,98	21,07	26,04	30,90	40,27	62,57
200x200			17,19	24,29	29,94	35,58	46,51	71,99
220x220				26,73	33,12	39,39	51,59	75,13
250x250				30,57	37,79	45,00	59,07	87,69
260x260				31,76	39,41	46,94	61,61	
300x300					45,64	54,42	71,63	



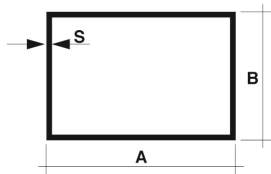
TUBOLARE RETTANGOLARE

Dim. mm.	Spessore mm.							
	1,5	2	3	4	5	6	8	10
	Peso Kg/m							
15x10	0,52							
20x10	0,64	0,81	0,81					
20x15	0,75	0,97	0,97					
25x10	0,75	0,97	0,97					
25x15	0,87	1,13	1,13					
30x10	0,87	1,13	1,13					
30x15	0,99	1,29	1,29					
30x20	1,11	1,44	1,44					
30x25	1,22	1,60	1,60					
35x10	0,99	1,29	1,29					
35x15	1,11	1,44	1,44					
35x20	1,22	1,60	1,60					
35x25	1,34	1,76	1,76					
40x10	1,11	1,44	1,44					
40x15	1,22	1,60	1,60					
40x20	1,34	1,76	1,76					
40x25	1,46	1,91	1,91					
40x30	1,58	2,07	2,07					
45x10	1,22	1,52	1,52					
45x15	1,34	1,76	1,76					
45x20	1,46	1,91	1,91					
45x25	1,58	2,07	2,07					
50x10	1,34	1,76	1,76					
50x15	1,46	1,92	1,92					
50x20	1,58	2,07	2,07	3,01				
50x25	1,77	2,23	2,23	3,25				
50x30	1,81	2,39	2,39	3,49				



TUBOLARE RETTANGOLARE

Dim. mm.	Spessore mm.							
	1,5	2	3	4	5	6	8	10
	Peso Kg/m							
50x40	2,05	2,70	3,96	8,15				
60x10	1,58	2,07						
60x15	1,77	2,23						
60x20	1,81	2,39	3,30					
60x25	1,87	2,43	3,58					
60x30	1,99	2,59	3,71	4,72				
60x40	2,22	2,91	4,19	5,35	6,39			
60x50	2,46	3,22	4,66	5,98	8,02			
70x20	1,99	2,59	3,71					
70x25	2,10	2,75	3,95					
70x30	2,22	2,91	4,19	5,35				
70x40	2,46	3,22	4,66	5,98	7,59			
70x50	2,69	3,53	5,13	6,61	7,97			
80x15	2,10	2,75						
80x20	2,22	2,91	4,19					
80x25	2,34	3,06	4,42					
80x30	2,46	3,33	4,56	5,98				
80x40	2,69	3,53	5,40	6,60	7,96	9,21		
80x50	2,93	3,85	5,56	7,24				
80x60		4,16	6,07	7,86	9,54	11,10		
90x30		3,56	5,19	6,71				
90x40		3,85	5,60	7,24				
90x50		4,16	6,07	7,86				
90x60		4,48	6,54	8,49				
100x20		3,57	6,13					
100x30		3,85	5,60	7,24				
100x40		4,16	6,07	7,86	9,54	11,10	13,86	



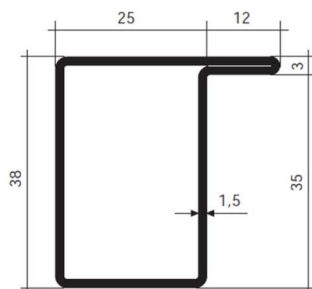
TUBOLARE RETTANGOLARE

Dim. mm.	Spessore mm.							
	1,5	2	3	4	5	6	8	10
	Peso Kg/m							
100x50		4,48	6,54	8,49	10,32	12,04	15,12	
100x60		4,79	7,02	9,11	11,10	12,98	16,38	
100x80		5,42	7,96	10,38	12,58	14,87		
110x50		4,79	7,02	9,12	11,11	12,98		
120x30		4,50	6,60	8,59				
120x40		4,52	7,02	9,12	11,11	12,98	16,38	
120x50		4,80	7,23	9,64				
120x60		5,41	7,96	10,37	12,67	14,37	18,89	
120x80		6,05	8,90	11,63	14,24	16,76	21,41	
130x50		5,42	7,96	10,38	12,68	14,87		
140x40			7,66	10,22	12,70			
140x60		6,05	8,90	11,64	14,25	16,76	21,41	
140x70		6,36	9,37	12,27	15,04	17,70		
140x80		6,68	9,84	12,89	15,83	18,64		
150x30		5,52	8,19					
150x40		5,90	8,80	10,81	13,43			
150x50		6,05	8,90	11,64	14,25	16,76	21,41	
150x60				12,97				
150x100			11,26	14,77	18,17	21,47	27,67	32,80
160x60			10,06	13,32	16,53	19,69		
160x80			10,79	14,14	17,38	20,53	26,41	
180x60			10,79	14,15	17,40	20,53	26,44	
180x80			11,73	15,41	18,97	22,42	28,95	
200x100			13,62	17,91	22,09	26,19	33,95	41,59
250x100			16,02	21,15	26,02	30,87	40,23	48,44
250x150			15,98	21,07	26,04	30,90	40,27	56,29

TUBOLARI PER SERRAMENTI

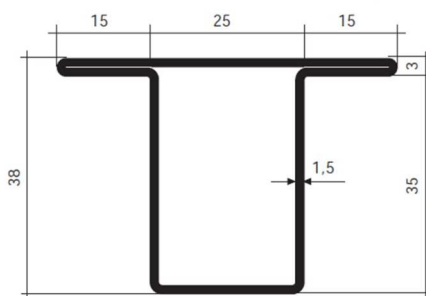
1 A

Peso kg/m. 1,72



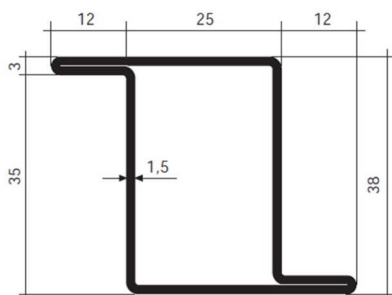
1 B

Peso kg/m. 2,10



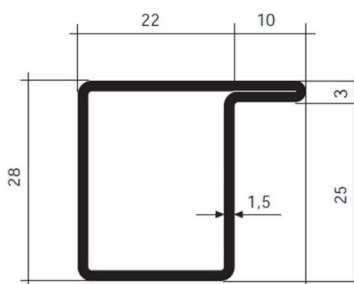
1 C

Peso kg/m. 1,99



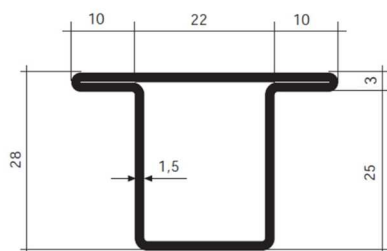
11 A

Peso kg/m. 1,57



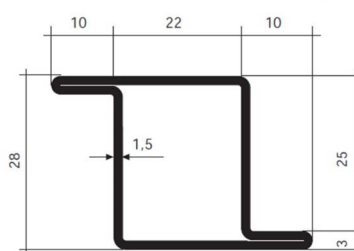
11 B

Peso kg/m. 1,57



11 C

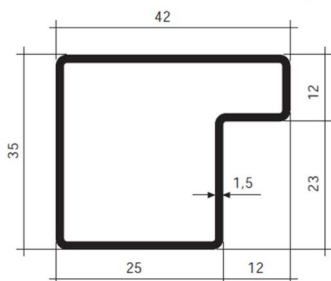
Peso kg/m. 1,57



TUBOLARI PER SERRAMENTI

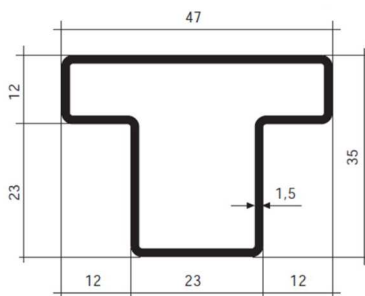
2 A

Peso kg/m. 1,76



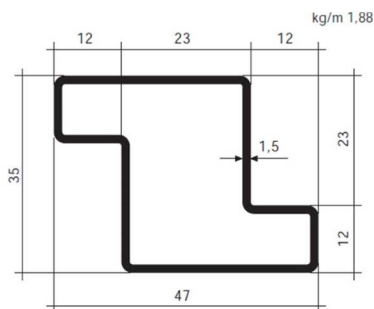
2 B

Peso kg/m. 1,88



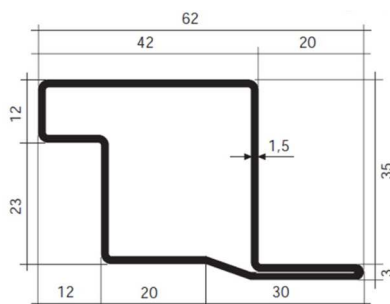
2 Z

Peso kg/m. 1,88



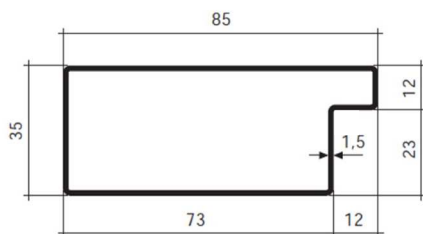
2 N

Peso kg/m. 2,30



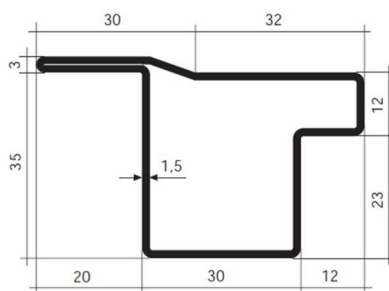
2 D

Peso kg/m. 2,78



2 T

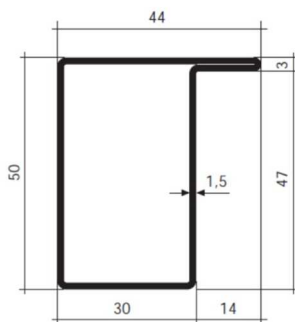
Peso kg/m. 2,30



TUBOLARI PER SERRAMENTI

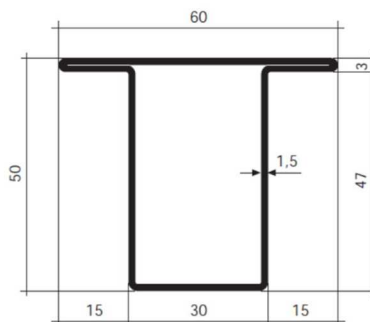
SF 1/B = 1A/50

Peso kg/m. 2,15



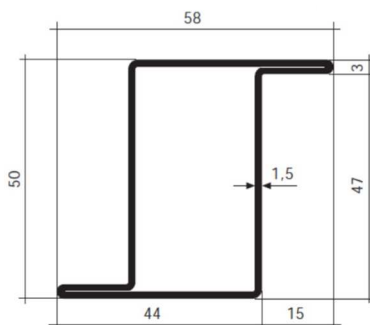
SF 2/B = 1B/50

Peso kg/m. 2,52



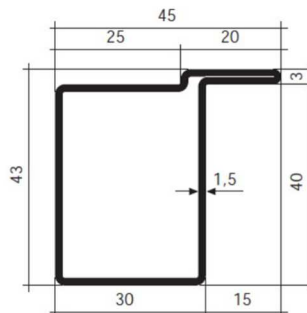
SF 3/B = 1C/50

Peso kg/m. 2,52



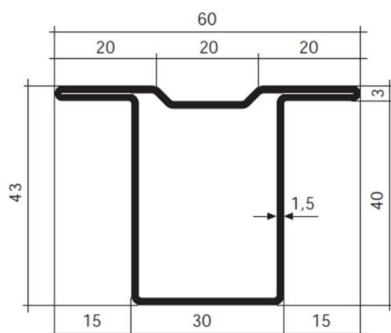
15 A

Peso kg/m. 2,04



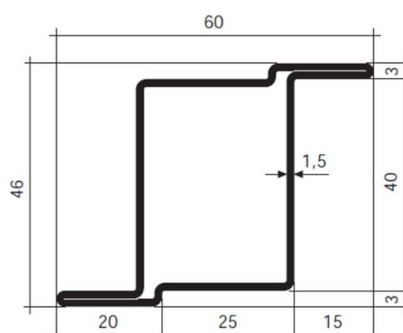
15 T

Peso kg/m. 2,45



15 Z

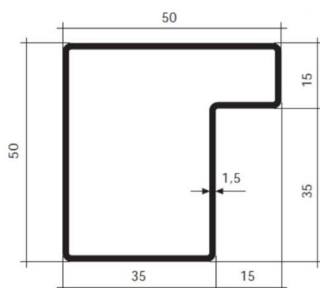
Peso kg/m. 2,16



TUBOLARI PER SERRAMENTI

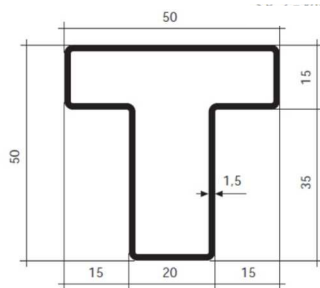
16 A

Peso kg/m. 2,33



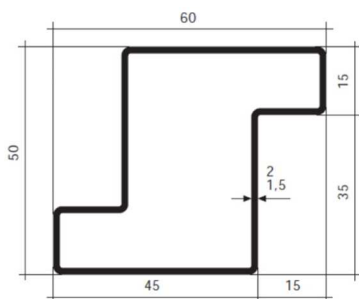
16 B

Peso kg/m. 2,33



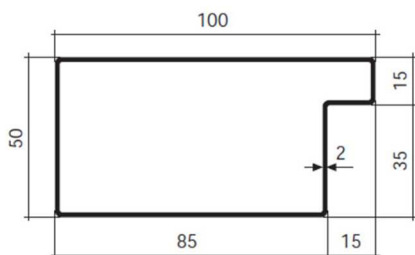
16 Z

Peso kg/m. 2,56

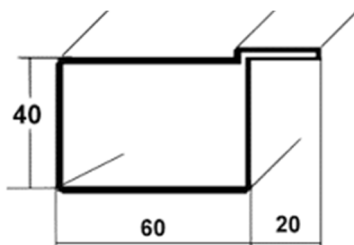


16 D

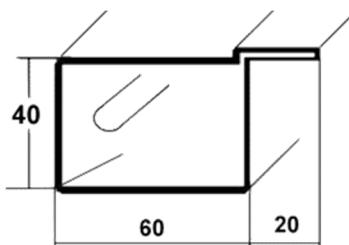
Peso kg/m. 4,56

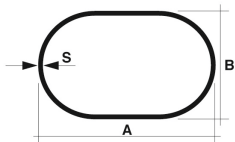


BL60 - non asolato Spessore 1,5 mm.



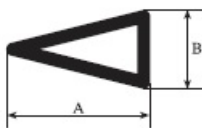
BL60 - asolato Spessore 1,5 mm.





TUBOLARI OVALI

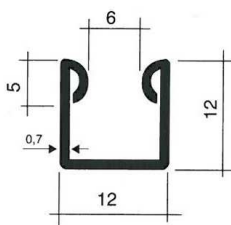
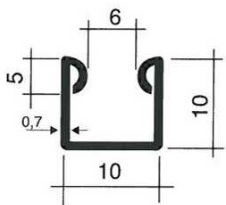
Dimensioni Ax B mm.	Spessore mm.	Peso Kg/m.
30 x 15	1,5	0,86
40 x 20	1,5	1,12
50 x 10	1,5	1,29



TUBOLARI TRIANGOLARI

Dimensioni Ax B mm.	Spessore mm.	Peso Kg/m.
30 x 15	1,5	0,86
40 x 22	1,5	1,24

FERMAVETRO A SCATTO



Fermavetro 10	Fermavetro 12
Kg/m. 0,20	Kg/m. 0,24

**Viti Autofilettanti
Zincate da 10 e 12**



**Viti in plastica
da 10 e 12**



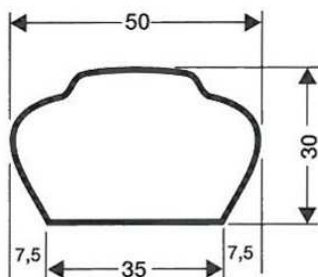
**Copriangoli zincati
da 10 e 12**



TUBOLARI MANCORRENTI

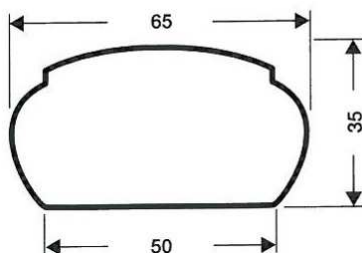
MT 5

Peso kg/m. 1,65



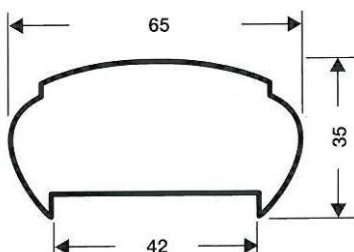
MT 6

Peso kg/m. 2,15



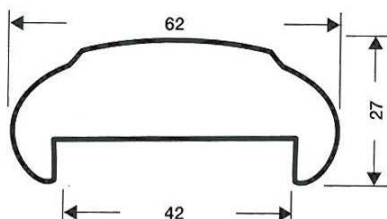
MT 7

Peso kg/m. 2,15



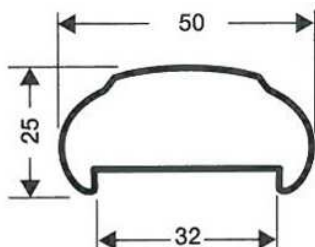
MT 8

Peso kg/m. 1,87



MT 9

Peso kg/m. 1,60



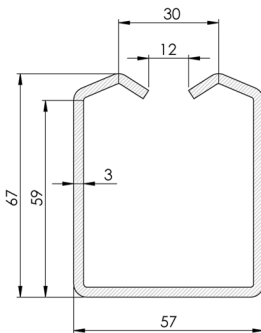
MONOROTAIE

MR1 (G9)

Peso kg/m. 4,92

Carrello a 4 ruote

Carrello a 2 ruote



Portata max
per 2 carrelli
Kg. 750



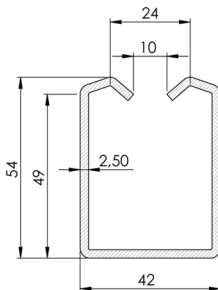
Portata max
per 2 carrelli
Kg. 400

MR2 (G10)

Peso kg/m. 3,12

Carrello a 4 ruote

Carrello a 2 ruote



Portata max
per 2 carrelli
Kg. 450



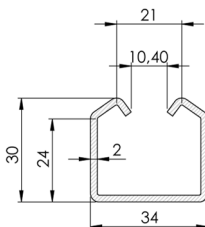
Portata max
per 2 carrelli
Kg. 200

MR3 (G12)

Peso kg/m. 1,74

Carrello a 4 ruote

Carrello a 2 ruote



Portata max
per 2 carrelli
Kg. 60



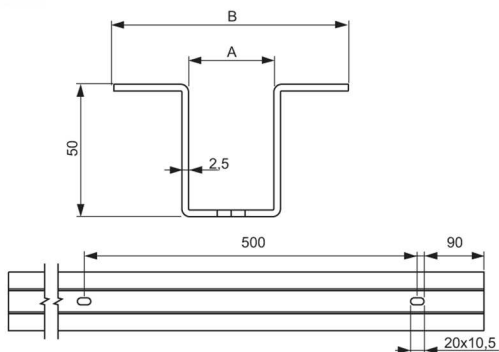
Portata max
per 2 carrelli
Kg. 40

GUIDE INFERIORI PER CANCELLI SCORREVOLI

GZCC Guida a Cementare	GZCT Guida a Tassellare	ANGULA Guida a Tassellare
		
Gola ø 20 mm. Lunghezza: 6 mt. Zincata	Gola ø 20 mm. Lunghezza: 6 mt. Zincata	Gola angolare: 28 mm. Lunghezza: 6 mt. Zincata

GUIDE INFERIORI PER PORTONI

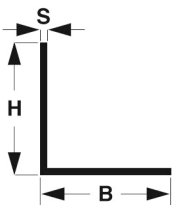
GIP (3011/32)	Peso kg/m. 3,40	GIG (3011/42)	Peso kg/m. 3,60
A = 32 mm. - B = 88 mm. - Lunghezza: 6 mt.		A = 42 mm. - B = 98 mm. - Lunghezza: 6 mt.	



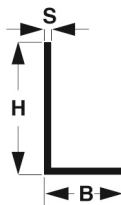
ANGOLARI

SERIE LEGGERA

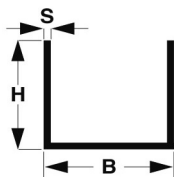
LATI UGUALI



LATI DISEGUALI

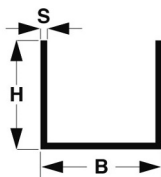


Dim. HxB mm.	S. 15/10	S. 20/10	S. 30/10	Dim. HxB mm.	S. 15/10	S. 20/10	S. 30/10
	Peso Kg/m.				Peso Kg/m.		
10x10	0,22	-	-	15x10	0,26	-	-
15x15	0,32	-	-	20x10	0,32	-	-
20x20	0,44	0,58	-	20x15	0,38	0,49	-
25x25	0,56	0,72	1,03	25x12	0,42	0,55	-
30x30	0,67	0,88	1,32	25x15	0,44	0,59	-
35x35	0,74	1,07	1,54	30x15	0,50	0,67	0,99
40x40	0,93	1,22	1,80	30x20	0,56	0,75	1,10
45x45	1,04	1,40	2,04	35x20	0,61	0,83	1,20
50x50	1,16	1,54	2,28	40x25	0,74	0,99	1,44
60x60	-	1,86	2,74	40x30	0,80	1,06	1,56
70x70	-	2,17	3,22	50x25	0,86	1,15	1,68
80x80	-	2,45	3,62	50x30	0,92	1,23	1,80
90x90	-	3,08	4,57	70x30	1,16	1,55	2,28
100x100	-	3,08	4,57	80x40	-	1,87	2,75
				100x50	-	-	3,40



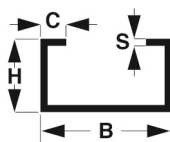
PROFILI ad “U” a LATI DISEGUALI

Dimensioni BxH mm.	Spessore mm.				
	1,5	2	2,5	3	4
	Peso Kg/m				
15x10	0,35				
15x20	0,59	0,77			
20x10	0,41	0,54			
25x12	0,52	0,68			
25x30	0,95	1,24	1,51	1,76	
25x40	1,18	1,55	1,90	2,24	
30x10	0,52				
30x12	0,49				
30x15	0,64	0,85			
30x20	0,77	1,00	1,22	1,43	
30x40	1,24	1,64	2,04	2,43	
35x17	0,75	0,99	1,20		
35x20	0,83	1,08	1,31	1,53	
40x20	0,89	1,16	1,42	1,67	
40x30	1,12	1,47	1,81	2,14	
40x35	1,24	1,64	2,04	2,43	3,18
50x20	1,00	1,33	1,65	1,96	
50x25		1,47	1,81	2,14	
50x30		1,64	2,04	2,43	3,18
50x40		1,94	2,40	2,85	3,70
60x20	1,12	1,47	1,81	2,14	
60x30		1,87	2,20	2,61	3,39
60x40		2,10	2,60	3,08	4,01
60x50		2,41	3,00	3,58	4,73
70x30		1,94	2,40	2,85	3,70
70x35		2,10	2,60	3,08	4,01
70x45		2,41	3,00	3,58	4,73
80x40		2,41	3,00	3,58	4,73
80x50		2,73	3,88	4,02	5,27
90x45		2,73	3,88	4,02	5,27
100x30		2,41	3,00		
100x50		3,04	3,77	4,50	5,90
120x60				5,44	7,15
140x60				5,91	7,78
160x65				6,55	8,61



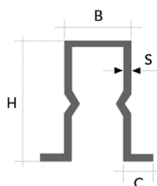
PROFILI ad “U” a LATI UGUALI

Dimensioni BxH mm.	Spessore mm.				
	1,5	2	2,5	3	4
	Peso Kg/m				
10x10	0,29				
12x12	0,36				
15x15	0,47	0,59			
20x20	0,65	0,83			
25x25	0,83	1,07	1,30	1,49	
30x30	1,00	1,31	1,60	1,87	
35x35	1,19	1,55	1,90	2,23	
40x40	1,37	1,79	2,20	2,59	3,33
45x45		2,07	2,50	2,95	3,81
50x50		2,28	2,80	3,31	4,29
60x60		2,76	3,40	4,04	5,25
70x70			4,00	4,76	6,21
75x75				5,0	6,54
80x80				5,48	7,11
90x90				6,20	8,13
100x100				6,92	9,01
120x120				8,35	11,00



PROFILI a “C” a SERIE LEGGERA

Dimensioni mm.	S. 15/10	S. 20/10	Dimensioni mm.	S. 15/10	S. 20/10
C x H x B	Peso Kg/m.		C x H x B	Peso Kg/m.	
10 x 30 x 30	1,16	1,56	15 x 40 x 50	2,39	-
10 x 40 x 40	1,51	1,95	20 x 40 x 60	2,70	3,96
10 x 20 x 40	1,10	1,39	20 x 40 x 80	3,01	4,43
15 x 40 x 40	1,62	2,20	25 x 50 x 100	3,80	5,60
20 x 30 x 50	-	2,17			



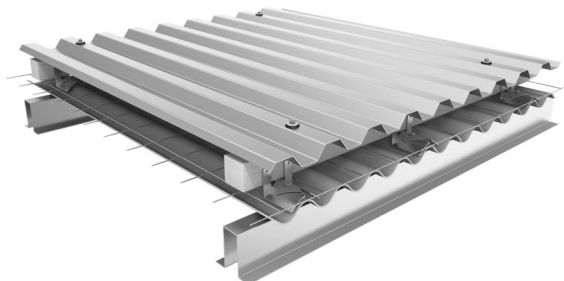
ARCARECCIO tipo FIAT

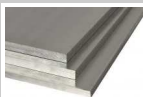
(disponibile anche zincato)

Tipo	Dimensioni mm.				Peso Kg/m.
	B	H	C	S	
50	35	50	30	2	2,70
75	50	75	30	2,5	4,52
100	60	100	30	3	7,02
120	60	120	30	3	7,96
150	80	150	45	3	10,56

PORTATE ARCARECCIO tipo FIAT

Tipo	Carichi massimi in Kg. riferiti a luci in metri								
	1,5	2	2,5	3	3,5	4	4,5	4	5,5
50	384	288	230	192	165	144	128	115	105
75	872	654	524	436	374	327	291	262	238
100	2008	1506	1205	1004	860	753	669	602	547
120	2604	1953	1562	1302	1116	976	868	781	710
150	4599	3449	2759	2299	1971	1724	1533	1379	1254

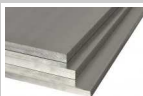




LAMIERE Fe

Spessori e dimensioni in mm. - Pesi Teorici in Kg/foglio

Spessore mm.	LAMIERA				LAMIERA			LAMIERA		
	DECAPATA/NERA			NERA	A FREDDO			ZINCATA		
	1000 x 2000	1250 x 2500	1500 x 3000	2000 x 6000	1000 x 2000	1250 x 2500	1500 x 3000	1000 x 2000	1250 x 2500	1500 x 3000
0,5	-	-	-	-	8	12,5	18	8	12,5	-
0,6	-	-	-	-	9,6	15	21,6	9,6	15	21,6
0,8	-	-	-	-	12,8	20	28,8	12,8	20	28,8
1,0	-	-	-	-	16	25	36	16	25	36
1,2	-	-	-	-	19,2	30	44	19,2	30	44
1,5	24	38	54	-	24	38	54	24	38	54
2,0	32	50	72	-	32	50	72	32	50	72
2,5	40	63	90	-	40	63	90	40	63	90
3,0	48	75	108	288	48	75	108	48	75	108
4,0	64	100	144	384	-	-	-	64	100	144
5,0	80	125	180	480	-	-	-	-	-	-
6,0	96	150	216	576	-	-	-	-	-	-
7,0	112	175	252	672	-	-	-	-	-	-
8,0	128	200	288	768	-	-	-	-	-	-
10	160	250	360	960	-	-	-	-	-	-
12	192	300	432	1152	-	-	-	-	-	-
15	240	375	530	1440	-	-	-	-	-	-



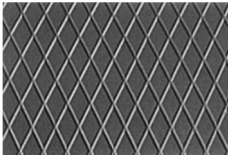
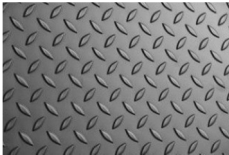
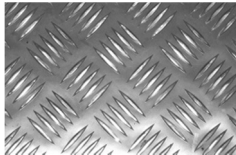
LAMIERE DA TRENO

Spessori e dimensioni in mm. - Pesi Teorici in Kg/foglio

Spessore mm.	Formati			
	1000 x 2000	1250 x 2500	1500 x 3000	2000 x 6000
15	240	390	540	1140
20	320	520	720	1920
25	400	690	900	2400
30	480	780	1080	2880
35	550	895	1240	3360
40	630	1025	1420	3780
50	790	1285	1780	4740

LAMIERE A RILIEVO

Spessori e dimensioni in mm. - Pesi Teorici in Kg/foglio

Spessore escluso il rilievo mm.									
	LAMIERA STRIATA in Ferro			LAMIERA BUGNATA in Ferro			LAMIERA MANDORALTA in Alluminio		
	1000 x 2000	1250 x 2500	1500 x 3000	1000 x 2000	1250 x 2500	1500 x 3000	1000 x 2000	1250 x 2500	1500 x 3000
2	-	-	-	-	-	-	13,0	20,0	29,5
3	56,0	87,5	126,0	53,0	82,8	119,3	18,5	29,0	41,0
4	73,0	114,1	164,3	70,0	109,4	157,5	-	-	-
5	89,0	139,1	200,3	86,0	134,4	193,5	29,0	46,0	66,0
6	105,0	164,1	236,3	102,0	159,4	229,5	-	-	-
8	137,0	214,1	308,3	134,0	209,4	301,5	-	-	-
10	168,0	262,5	378,0	165,0	257,8	371,3	-	-	-
12	201,6	315,0	453,6	-	-	-	-	-	-

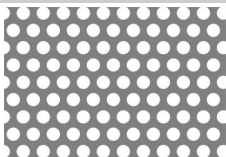
LAMIERE

Spessori e dimensioni in mm. - Pesi Teorici in Kg/foglio

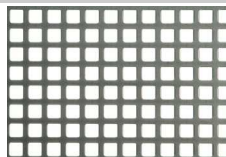
Spessore mm.	LAMIERA INOX Aisi 304 - 316			LAMIERA ALLUMINIO Lega 1050A			LAMIERA RAME
	1000 x 2000	1250 x 2500	1500 x 3000	1000 x 2000	1250 x 2500	1500 x 3000	1000 x 2000
0,8	12,8	20	28,8	4,32	-	-	14,224
1	16	25	36	5,40	8,70	12,20	17,780
1,2	19,2	30	43,2	6,48	10,10	14,50	21,336
1,5	24	37,5	54	8,10	12,60	18,20	26,670
2	32	50	72	10,80	16,80	24,30	35,560
2,5	40	62,5	90	13,50	21,10	30,38	44,450
3	48	75	108	16,20	25,30	36,40	53,340
4	64	100	144	21,60	33,75	48,60	71,120
5	80	125	180	27,00	42,18	60,75	88,900
6	96	150	216	32,40	-	-	106,680
8	128	200	288	-	-	-	142,240
10	160	250	360	-	-	-	177,800
12	192	288	432	-	-	-	-

LAMIERE FORATE

Spessori e dimensioni in mm.



FORO TONDO



FORO QUADRO

Foro Ø	Passo	Spessore	Foro ☐	Passo	Spessore
2	3,2	1 - 1,5	5 x 5	7,0	1 - 1,5
3	5,0	1 - 1,5 - 2 - 3	8 x 8	10,0	1,5
4	7,0	1 - 1,5 - 2 - 3	8 x 8	15,0	1,5
5	8,0	1 - 1,5 - 2 - 3	10 x 10	13,0	1,5
6	9,0	1 - 1,5 - 2 - 3	10 x 10	15,0	1,5
8	12,0	1 - 1,5 - 2 - 3 - 4			
10	15,0	1 - 1,5 - 2 - 3 - 4			
15	22,0	1 - 1,5 - 2 - 3			

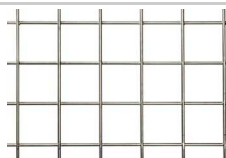
Formati: 1000x2000 - 1250x2500 - 1500x3000

RETI ONDULATE ED ELETTROSALDATE

Spessori e dimensioni in mm.



ONDULATA INTRECCIATA



ELETTROSALDATA

Maglia	Filo	Formati	Peso Kg/cad.	Maglia	Filo	Formati	Peso Kg/cad.
10 x 10	2,0	1000 x 2000	9,00	30 x 30	3	1000 x 2000	9,60
20 x 20	3,0	1000 x 2000	11,20	40 x 40	4	1000 x 2000	10,60
30 x 30	3,0	1000 x 2000	7,40	50 x 50	4	1000 x 2000	13,80
40 x 40	4,0	1000 x 2000	10,60	Tipo TEC:			
50 x 50	5,0	1000 x 2000	13,80	15 x 105	3	1200 x 2400	12,50

A richiesta forniamo rete a maglia romboidale e quadra in diagonale (quadro ribaltato di 45°)

Su richiesta disponibili altri formati

LAMIERE STIRATE

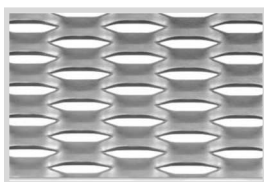
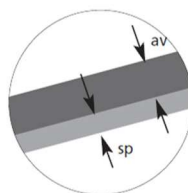
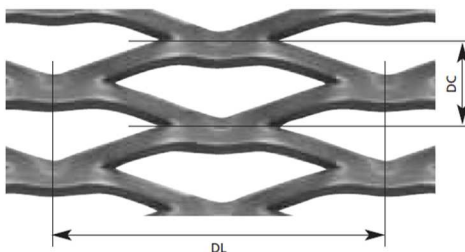
LEGENDA (mm)

DL Diagonale lunga

DC Diagonale corta

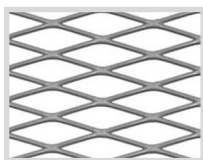
av Avanzamento

sp Spessore



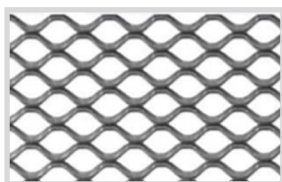
FILS 21

DL x DC mm.	av mm.	sp mm.	Kg/m ²	Larghezza massima DL mm.	Lunghezza nel senso DC mm.
46 x 13,5	5,0	3	18	1000	2000



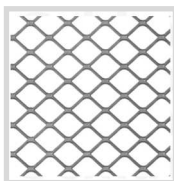
17

DL x DC mm.	av mm.	sp mm.	Kg/m ²	Larghezza massima DL mm.	Lunghezza nel senso DC mm.
43 x 13	2,5	1,5	4,4	1000	2000



MTS (Zincata)

DL x DC mm.	av mm.	sp mm.	Kg/m ²	Larghezza massima DL mm.	Lunghezza nel senso DC mm.
10 x 7,2	1,4	0,8	2,5	1000	2000



SAFE (Zincata)

DL x DC mm.	av mm.	sp mm.	Kg/m ²	Larghezza massima DL mm.	Lunghezza nel senso DC mm.
20 x 15	1,7	1,5	2,7	1000	2000



RECINZIONI MODULARI

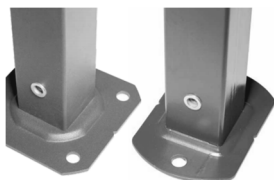


PANNELLI DI RECINZIONE

Elettrosaldati zincati e plastificati. Colore: Verde R6005, Grigio Antracite R7016

<i>Altezza mm.</i>	<i>Larghezza mm.</i>	<i>Nr. Nervature</i>	<i>Filo ø mm.</i>	<i>Piantana a tassellare H mm.</i>	<i>Piantana a cementare H mm.</i>	<i>Piantana a cementare + perno H mm.</i>
630	2045	2	4,8	670	970	670+200
830	2045	2	4,8	870	1170	870+200
960	2045	2	4,8	1000	1300	1000+200
1150	2045	3	4,8	1190	1490	1190+200
1530	2045	3	4,8	1570	1870	1570+200
1720	2045	4	4,8	1760	2060	1760+200
2030	2045	4	4,8	2070	2370	2070+200

Piantana a tassellare
Piastra a 2 o 4 fori
In tubolare 50x50x2 mm.



Piantana a cementare
Con 300 mm. ti tubo da
annegare
In tubolare 50x50x2 mm.



Piantana a cementare
Con 300 mm.
ti tubo da annegare
In tubolare 50x50x2 mm.



Sistema di montaggio
KIT A



Sistema di montaggio
KIT B

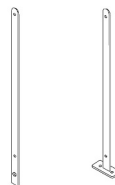
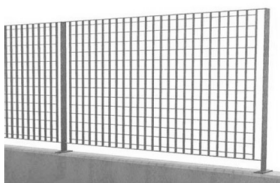


Sistema di montaggio
KIT C



PANNELLI PER RECINZIONI

Bordati e zincati

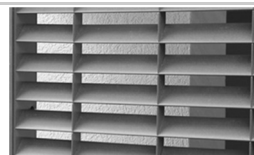


Maglia mm.	Piatto mm.	Coll.	Dimensioni Altezza x Larghezza mm.	Peso Kg/cad.	Altezza Piantana CEMENTARE mm.	Altezza Piantana TASSELLARE mm.
65x132	25x2	○ 5	930x1992	16,4	1180	1000
65x132	25x2	○ 5	1064x1992	16,9	1315	1130
65x132	25x2	○ 5	1200x1992	20,1	1450	1265
65x132	25x2	○ 5	1330x1992	22,1	1580	1395
65x132	25x2	○ 5	1460x1992	23,9	1710	1525
65x132	25x2	○ 5	1724x1992	27,6	1970	1790
65x132	25x2	○ 5	1990x1992	31,5	2250	2055

PANNELLI PER RECINZIONI

Profilo Frangisole

Bordati e zincati



Dimensioni Altezza x Larghezza mm.	Coll.	Profilo Frangisole mm.	Peso Kg/cad.	Altezza Piantana CEMENTARE mm.	Altezza Piantana TASSELLARE mm.
960x1990	○ 5	12x25x4 sp. 15-10	4,20	11180	1000
1280x1990	○ 5		5,20	1450	1320
1560x1990	○ 5		6,32	1780	1590
1970x1990	○ 5		7,80	2190	2010

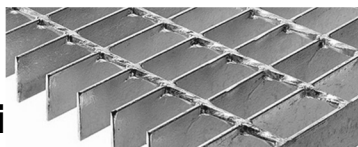
GRADINI Zincati

con rompivisuale in lamiera forata e piastre laterali di fissaggio



Maglia mm.	Piatto mm.	Coll.	Dimens. mm.	Peso Kg/cad. Zincato	Maglia mm.	Piatto mm.	Coll.	Dimens. mm.	Peso Kg/cad. Zincato
15x76	25x2	○	1000x308	10,2	25x76	25x2	○	1000x308	7,2
15x76	25x2	○	1200x308	12,1	25x76	25x2	○	900x255	5,4
15x76	30x2	○	1000x308	11,9	25x76	25x2	○	800x255	5,1
15x76	30x2	○	1200x323	14,3	25x76	25x2	○	700x255	4,5
					25x76	25x2	○	600x255	3,8
					25x76	25x2	○	600x205	3,2

GRIGLIATI ELETTROSALDATI per applicazioni orizzontali



Formati: 6100x1000 mm.

Maglia mm.	Piatto mm.	Coll.	Peso Kg/mq.		Maglia mm.	Piatto mm.	Coll.	Peso Kg/mq.	
			Grezzo	Zincato				Grezzo	Zincato
15x76	25x2	○	25,2	27,0	34x76	25x2	□	12,8	13,7
15x76	25x3	○	39,6	42,3	34x76	30x2	□	15,5	16,6
15x76	30x2	○	30,8	33,0	34x76	30x3	□	22,6	24,1
15x76	30x3	○	46,3	49,6	34x76	40x2	□	20,0	21,4
15x76	40x3	○	62,1	66,4					
25x76	25x2	○	16,6	17,7	34x38	25x2	□	15,0	16,1
25x76	25x3	○	24,2	26,1	34x38	30x2	□	17,6	18,8
25x76	30x2	○	19,6	21,0	34x38	30x3	□	24,6	26,3
25x76	30x3	○	29,8	31,9	34x38	40x2	□	22,0	23,6
25x76	40x3	○	39,3	42,1					

PANNELLI IN GRIGLIATO ELETTROSALDATO Bordati e Zincati



Maglia mm.	Piatto mm.	Coll.	Dimens. mm.	Peso Kg/cad.	Maglia mm.	Piatto mm.	Coll.	Dimens. mm.	Peso Kg/cad.
				Zincato					Zincato
15x76	25x2	○	150x1000	5,3	25x76	25x2	○	150x1000	3,7
15x76	25x2	○	200x1000	6,8	25x76	25x2	○	200x1000	4,6
15x76	25x2	○	250x1000	8,2	25x76	25x2	○	250x1000	5,5
15x76	25x2	○	300x1000	9,7	25x76	25x2	○	300x1000	6,5
15x76	25x2	○	400x1000	12,7	25x76	25x2	○	400x1000	8,3
15x76	25x2	○	500x1000	15,6	25x76	25x2	○	500x1000	10,2
15x76	25x2	○	600x1000	18,6	25x76	25x2	○	600x1000	12,1
15x76	25x2	○	700x1000	21,5	25x76	25x2	○	700x1000	13,9
15x76	25x2	○	800x1000	24,5	25x76	25x2	○	800x1000	15,8
15x76	25x2	○	900x1000	27,4	25x76	25x2	○	900x1000	17,6
15x76	25x2	○	1000x1000	30,4	25x76	25x2	○	1000x1000	19,5

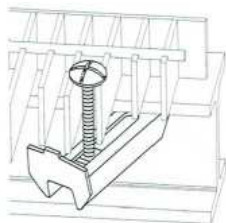
ACCESSORI PER GRIGLIATI E RECINZIONI

Fermagrigliato

Per MAGLIA 11-15

Zincato

Completo di viti



Fermagrigliato

Per MAGLIA 21-25

Zincato

Completo di viti

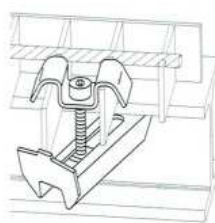


Fermagrigliato

Per MAGLIA 30-34

Zincato

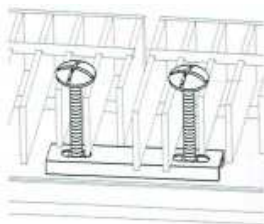
Completo di viti



Fermagrigliato doppio

Per MAGLIA 11-15

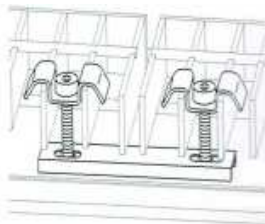
Zincato - Completo di viti



Fermagrigliato doppio

Per MAGLIA 21-25

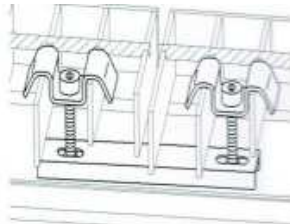
Zincato - Completo di viti



Fermagrigliato doppio

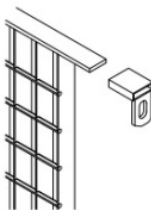
Per MAGLIA 30-34

Zincato - Completo di viti



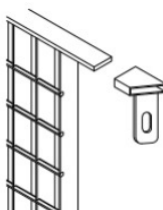
Staffe compensazione

Per recinzioni



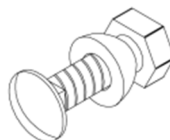
Staffe compensazione

Per recinzioni - Angolare a 45°



Bulloni M8x30

Testa tonda + dado antifurto
Inox o Zincati

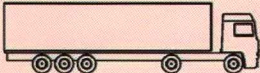


Tassello a piantare M10x90

Per l'ancoraggio delle piantante da tassellare al c.l.s.



TABELLA PORTATA GRIGLIATI

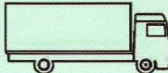


CLASSE 4



CLASSE 2

CLASSI DI PORTATA



CLASSE 3



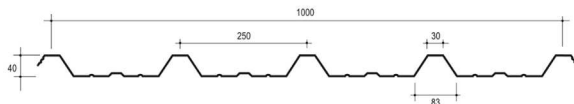
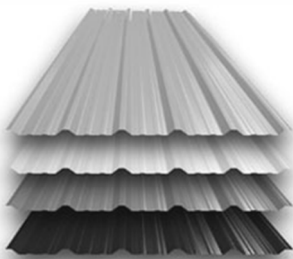
CLASSE 1

▼ **TABELLE DI CARICO** ■ PORTATA AUTOTRENO ■ PORTATA AUTOCARRO ■ PORTATA AUTO ■ PORTATA PEDONALE ▼

MAGLIA PIATTO		LUCE NETTA MASSIMA TRA GLI APPOGGI (mm)												
		300	400	500	600	700	800	900	1000	1200	1400	1600	1800	2000
15 X 76	25 x 2	305									1235			
	25 x 3	283	407								1367			
	30 x 2	276	395								1417			
	30 x 3	254	343		543							1568		
	40 x 3		352	462				887					1945	
	50 x 3			440	610					1330				2300
	70 x 4													
22 X 76 22 X 38	25 x 2	252							1123					
	25 x 3	329								1242				
	30 x 2	320								1287				
	30 x 3	290		430							1425			
	40 x 3	285	395			687						1768		
	50 x 4		435		607					1323			2246	
	60 x 4			522		787					1650		2575	
25 X 76 25 X 50	70 x 4				609				999				1924	
	25 x 2								1087					
	25 x 3	307								1203				
	30 x 2	298								1247				
	30 x 3	270	398								1380			
	40 x 3	268	375			629						1712		
	50 x 4		416		568				1204				2175	
30 X 50 30 X 100	60 x 4			500		729					1595		2494	
	70 x 4				583			921				1859		
	25 x 2								1039					
	25 x 3	265								1150				
	30 x 2	259								1191				
	30 x 3	242	339								1318			
	40 x 3	246	336		524							1636		
34 X 38 34 X 76	40 x 4	286	388			666							1758	
	50 x 4		378	495				985					2078	
	60 x 4			456	624					1374			2383	
	70 x 4				532	778					1728		2675	
	25 x 2								1007					
	25 x 3	243								1114				
	30 x 2	237								1154				
	30 x 3	306								1278				
	40 x 3	313		467							1585			
	40 x 4	264	361		590							1704		
	50 x 4		342	455			865						2014	
	60 x 4		430		567				1202				2309	
	70 x 4			502	700						1601		2592	

CARICHI CONCENTRATI SU IMPRONTA: i carichi ammissibili sono determinati imponendo una freccia massima pari a 1/200 della luce libera.

PANNELLI DA COPERTURA R/W 1000 - SOLO LAMIERA



Prodotto: Lamiere grecate per coperture, pareti e soffitti.

Spessori: 0,6 mm.

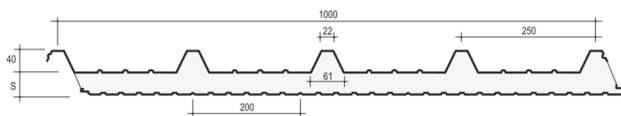
Larghezza: 1000 mm.

Lunghezza: Standard 6000 mm., a richiesta da produzione in continuo.

Materiali: acciaio zincato preverniciato.

Colori Standard: Testa di moro, bianco grigio, blu Torino.

PANNELLI DA COPERTURA DELTA 5 - COIBENTATO



Prodotto: Pannello coibentato da copertura.

Spessori (S), fuori greca: 30-40-50-60-80-100 mm.

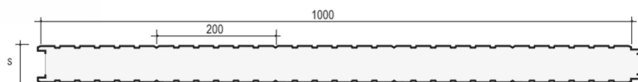
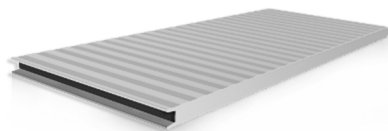
Larghezza: 1000 mm.

Lunghezza: Standard 6000 mm., a richiesta da produzione in continuo.

Materiali: acciaio zincato preverniciato.

Colori Standard: Testa di moro, bianco grigio, rosso siena.

PANNELLI DA PARETE ALFA 2



Prodotto: Lamiere grecate per pareti.

Spessori (S): 30-40-50-60-80-100 mm.

Larghezza: 1000 mm.

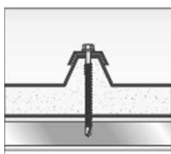
Lunghezza: Standard 6000 mm., a richiesta da produzione in continuo.

Materiali: acciaio zincato preverniciato.

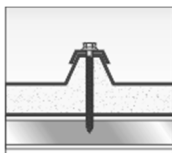
Colori Standard: bianco grigio.

FISSAGGI PER COPERTURE

Viti per ferro



Viti per legno



Rondelle in Epdm



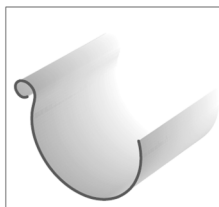
Rondella sottotesta



Cappellotti

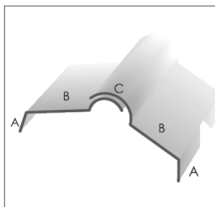


LATTONERIE PER LAMIERE DA COPERTURA



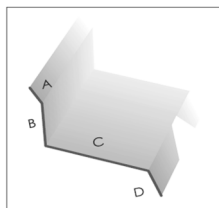
Dis. 3
Gronda tonda:
svil.: 250-300-333 mm
Colori: RS - TM - BG

Misure:
Ricciolo = 25 mm



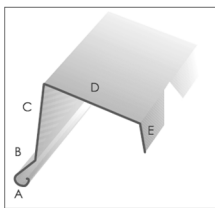
Dis. 4
Semicolmo fustellato:
svil.: 312 mm
Colori: RS - TM - BG

Misure:
A = 40 mm
B = 170 mm
C = 102 mm
(disponibile vers. non fustellata)



Dis. 5
Falda contromuro fustellata:
svil.: 312 mm
Colori: RS - TM - BG

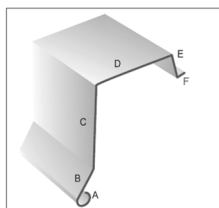
Misure:
A = 15 mm C = 170 mm
B = 87 mm D = 40 mm
(disponibile vers. non fustellata)



Dis. 6
Falda posteriore fustellata:
svil.: 412 mm
Colori: RS - TM - BG

Misure:
A = 25 mm D = 147 mm
B = 30 mm E = 40 mm
C = 170 mm

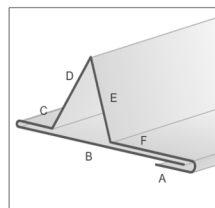
Modelli: Delta3 - Delta5
RW 1000



Dis. 10
Falda Laterale:
svil.: 412 mm
Colori: RS - TM - BG

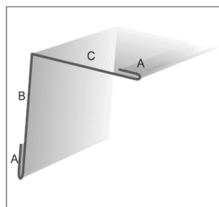
Misure:
A = 25 mm D = 127/142* mm
B = 30 mm E = 45 mm
C = 170 mm F = 15 mm

*senza aletta F



Dis. 11
Fermeneve:
svil.: 312 mm (Standard)
Colori: RS - TM - BG

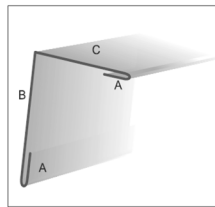
Misure:
A = 10 mm D = 65 mm
B = 122 mm E = 45 mm
C = 35 mm F = 35 mm



Dis. 13
Angolare Interno:
Colori: BG

Misure:
A = 10/15 mm
B = 50-75-100 mm
C = 50-75-100 mm

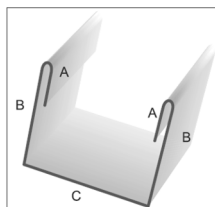
disponibile anche nella
versione con piego accennato.



Dis. 14
Angolare Esterno:
Colori: BG

Misure:
A = 10/15 mm
B = 50-75-100 mm
C = 50-75-100 mm

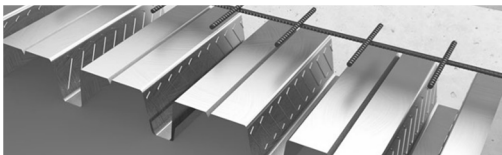
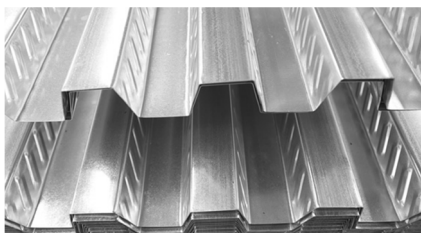
disponibile anche nella versione
con piego accennato.



Dis. 12
Canalina U:
sp. "C": 25/30/35/40/50/60/
80/100/120 mm
Colori st.: BG (ZN*)

Misure
A = 10/15 mm
B = in funzione di C

LAMIERE GRECATE PER SOLAI AD ADERENZA MIGLIORATA



E/S 4000 AM

Prodotto: Lamiere grecate ad aderenza migliorata.

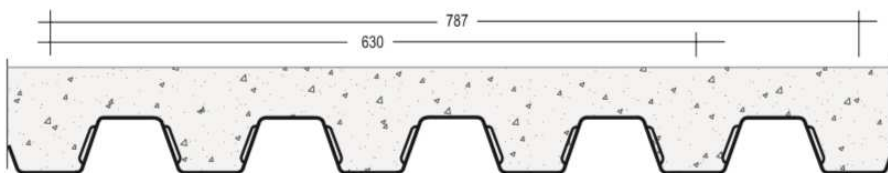
Spessori (S): 1-1,2.

Larghezza: 787 mm. - *Altezza:* 55 mm.

Lunghezza: Standard 6000 mm., a richiesta da produzione in continuo.

Materiali: acciaio zincato.

Colori Standard: acciaio zincato.



R/C 400 AM

Prodotto: Lamiere grecate ad aderenza migliorata.

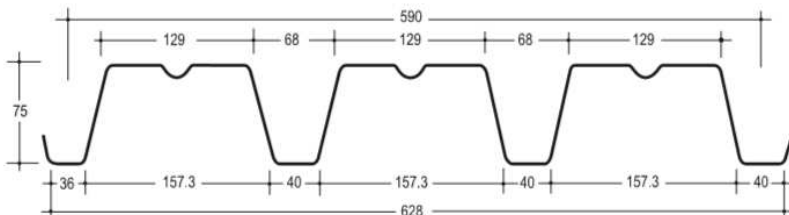
Spessori (S): 1-1,2.

Larghezza: 590 mm. - *Altezza:* 75 mm.

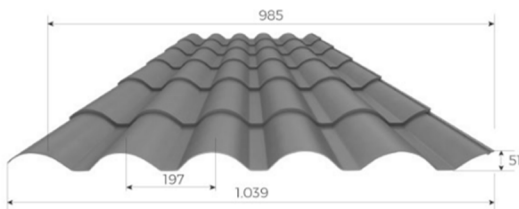
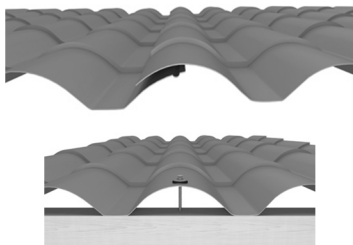
Lunghezza: Standard 6000 mm., a richiesta da produzione in continuo.

Materiali: acciaio zincato.

Colori Standard: acciaio zincato.



PANNELLI DA COPERTURA TIPO COPPO - SOLO LAMIERA



Prodotto: Lamiera metallica coppo per coperture.

Spessore coppo: 5 mm.

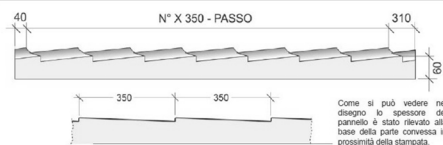
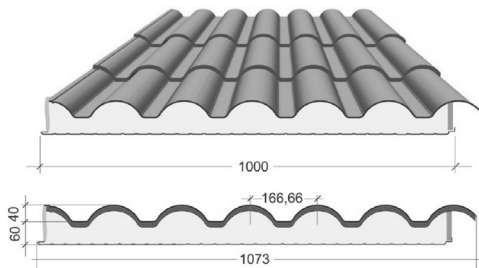
Larghezza: 1000 mm.

Lunghezza: Standard 6000 mm., a richiesta da produzione in continuo.

Materiali: acciaio zincato, acciaio zincato preverniciato.

Colori Standard: rosso coppo. Su richiesta: antichizzante.

PANNELLI DA COPERTURA TIPO COPPO - COIBENTATO



Prodotto: Pannello strutturale coibentato stampato a forma di coppo.

Spessori fuori coppo: 40-55 mm. **Altezza coppo:** 40 mm.

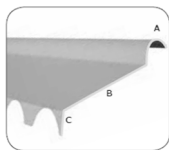
Larghezza: 1000 mm.

Lunghezza: a misura, multipli da 350 mm.

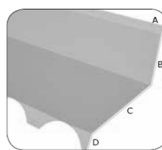
Materiali: acciaio preverniciato.

Colori Standard: rosso coppo. Su richiesta: antichizzante.

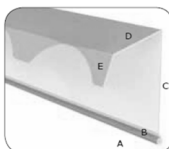
LATTONERIE PER LAMIERE COPPO



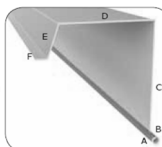
**Semicolmo
fustellato**
Colori: rosso tegola



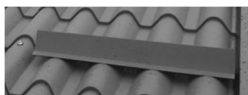
**Falda contromuro
fustellata**
Colori: rosso tegola



**Falda posteriore
fustellata**
Colori: rosso tegola



Falda laterale
Colori: rosso tegola



Fermaneve
Colori: rosso tegola

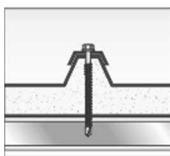


Frontalino
Colori: rosso tegola

FISSAGGI PER COPPO

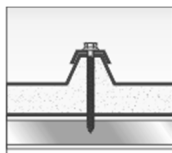
Viti per ferro

-  Autoperforante
-  Chiave Esagonale 10
-  Capacità di foratura Max 6mm
-  Pre-foro non necessario
-  Velocità di foratura 1000-1800 rpm



Viti per legno

-  Pre-foro non necessario Max 1mm
-  Chiave Esagonale 10



Rondelle in Epdm



Rondella sottotesta

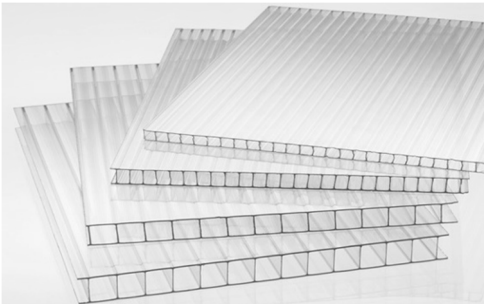


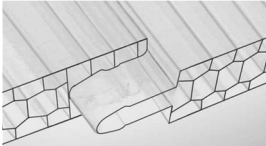
Cappellotti



POLICARBONATO E ACCESSORI

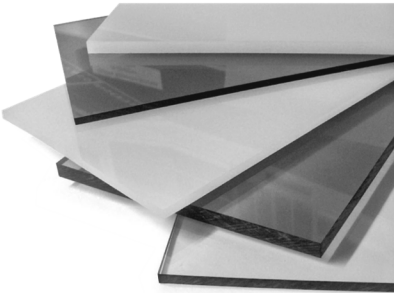
POLICARBONATO ALVEOLARE

Spessore mm.	Dimensioni mm.	
4	6000x2100	
6	6000x2100	
8	6000x2100	
10	6000x2100	
16	6000x2100	
20	6000x2100	
25	6000x2100	

40 Click	6000x500	
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Protetto U.V.
Colori Standard: trasparente, opale, bronzo.
Disponibile taglio a misura.

POLICARBONATO COMPATTO

Spessore mm.	Dimensioni mm.	Dimensioni mm.	
2	3050x2050	-	
3	3050x2050	6100x2050	
4	3050x2050	6100x2050	
5	3050x2050	6100x2050	
6	3050x2050	6100x2050	
8	3050x2050	-	
10	3050x2050	-	
12	3050x2050	-	

Protetto U.V.
Colori Standard: trasparente, opale, bronzo.
Disponibile taglio a misura.

POLICARBONATO GRECATO COMPATTO E ALVEOLARE PER DELTA5

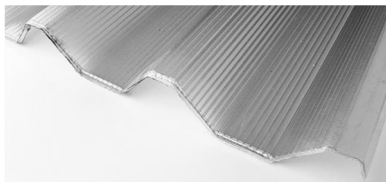
COMPATTO

Spessore: 2,5 mm.
Larghezza: 1000 mm.
Colore: trasparente, opale.



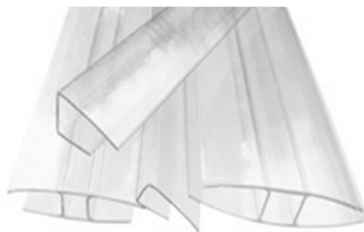
ALVEOLARE

Alveolare: spessore 10 mm.
Larghezza: 1000 mm.
Colore: trasparente, opale.



PROFILI PER POLICARBONATO

Spessore mm.	Profilo "U" Lunghezza 2100 mm.	Profilo "H" Lunghezza 2100 mm.
6	☒	☒
10	☒	☒
16	☒	☒
20	☒ *	☒
25	☒ *	☒
32	☒ *	☒
40	-	☒



Profili "H" tutti protetti UV. - Profili "U" protetti UV sono indicati dall'asterisco. - Colori: trasparente.

RONDELLONE CON DISTANZIALE

Colore Bianco in P.A.
per Policarbonato da 10 e 16 mm.
Completa di guarnizione di espanso



NASTRO ADESIVO IN ALLUMINIO CHIUSO

Larghezza 25 mm. - per lastre sp.10 mm. x 50 mt.
Larghezza 38 mm. - per lastre sp.16 mm. x 50 mt.
Larghezza 60 mm. - per lastre sp.40 mm. x 50 mt.



Ferro Battuto



Ferramenta





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