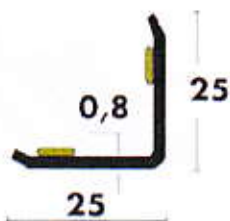


OK



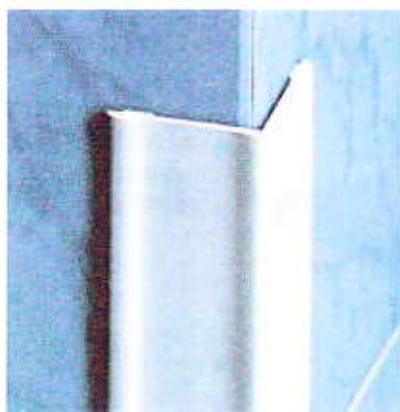
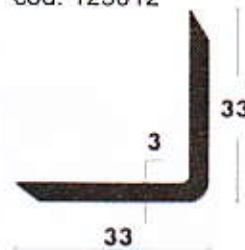
**Spigal**

Lunghezza mt 3,00  
Ox. argento/bronzo  
cod. 125046



**Angleplast**

Lunghezza mt 3,00  
PROFILO P.V.C.  
cod. 125012



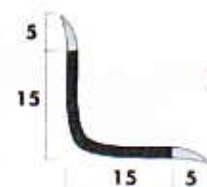
**Spigplast**

Lunghezza mt 3,00  
PROF. P.V.C. grigio  
cod. 125013



**Coprisil**

Lunghezza mt 3,00  
PROFILO P.V.C.  
cod. 125005



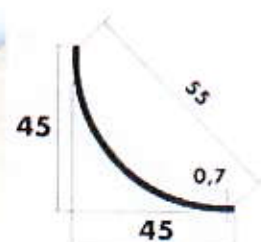
**Decorgrall**

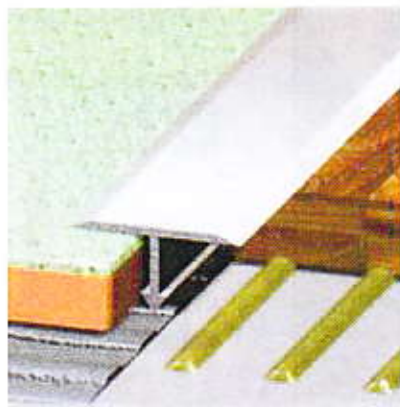
Lunghezza mt 3,30  
Ox. argento  
cod. 125010



**Raccordinox**

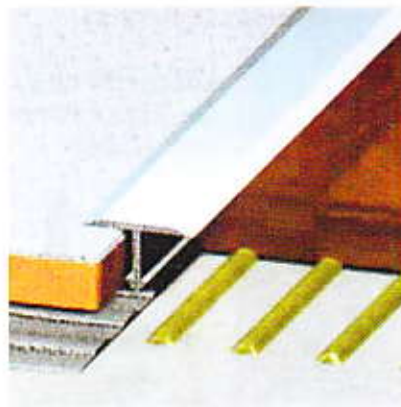
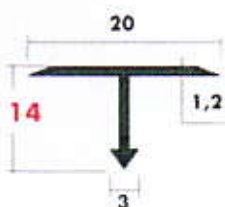
Lunghezza mt 2,50  
Acciaio inox  
cod. 125021





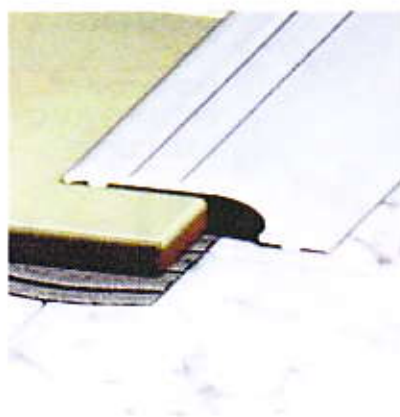
## Tiventi

Lunghezza mt 2,50  
Argento e Bronzo  
cod. 125064



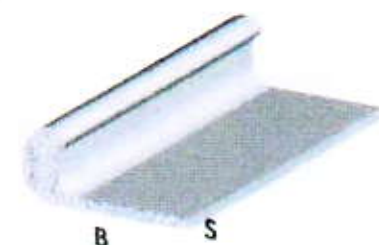
## Tialu

Lunghezza mt 2,70  
Brillantato  
cod. 125063



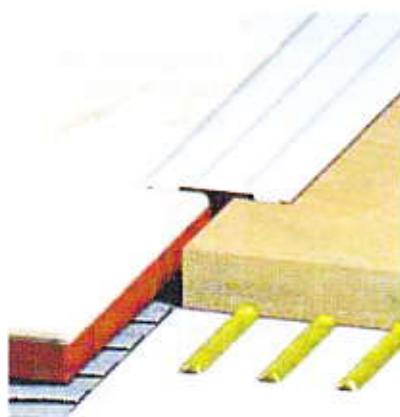
## Piedal

Lunghezza mt 2,70  
Ox. Argento/Bronzo  
cod. 125032



## Unghietta

Argento e Bronzo  
Dimensioni mm. 22x1  
Lunghezza mt 2,00  
Cod. 125042



## Piattorig

Lunghezza mt 2,70  
cod. ~~125043~~  
125067



## Semial

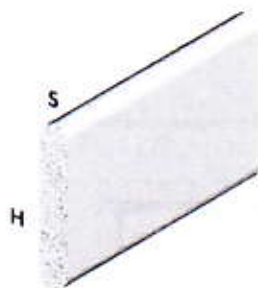
Lunghezza mt 2,70  
Ox. argento  
Ox. bronzo  
cod. 125024



OK

**Contrappeso  
tende**

Formato mm. 30x4  
Lunghezza mt 2,00  
cod. 125065



**Barra piatta**

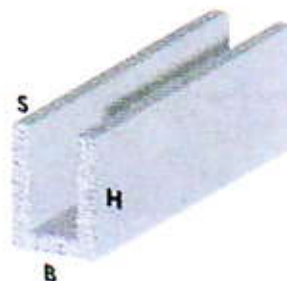
Argento/Oro  
Dimensioni mm. 30x2  
Lunghezza mt 2,00  
cod. 125019/125020

Bianco  
Dimensioni mm. 30x2  
Lunghezza mt 2,00  
cod. 125022



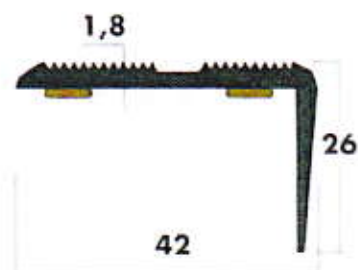
**Profilo "U"**

Misure interne mm. 21x21x2  
Lunghezza mt 2,10  
Anodizzato Argento  
cod. 125007



**Paragrad**

Lunghezza mt 3,30  
Ox. argento  
cod. 125045



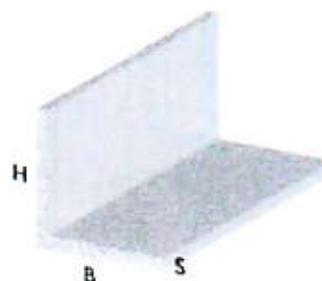
**Angolare  
brillantato**

Dimensione mm. 20x10x1  
Lunghezza mt 2,00  
cod. 125009

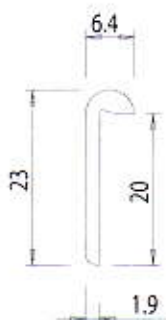


**Angolare  
brillantato**

Dimensione mm. 20x20x1  
Lunghezza mt 2,00  
cod. 125008



OK



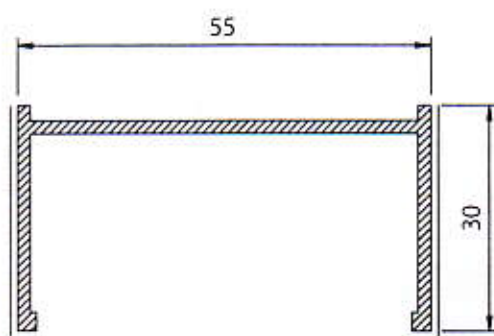
**Art. 41121**

Lunghezza mt 6,50  
143 gr.ml.



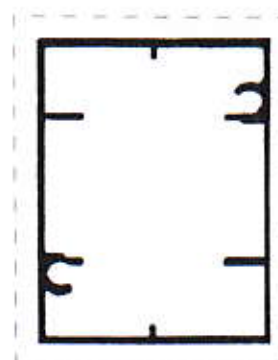
**Art. F 406**

275 gr.ml.



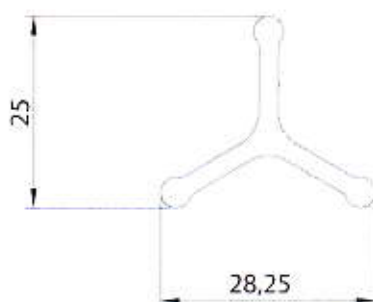
**Art. 7745**

Lunghezza mt 6,50  
532 gr.ml.



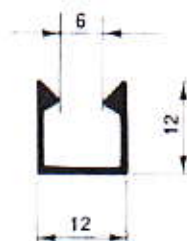
**Art. 200727**

845 gr.ml.



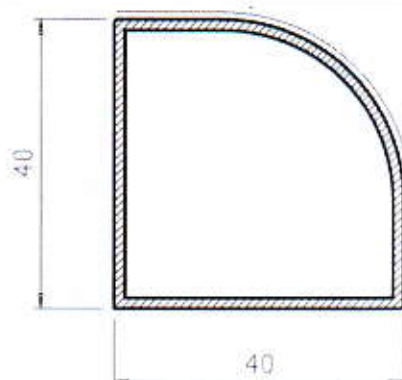
**Art. 6817**

355 gr.ml.



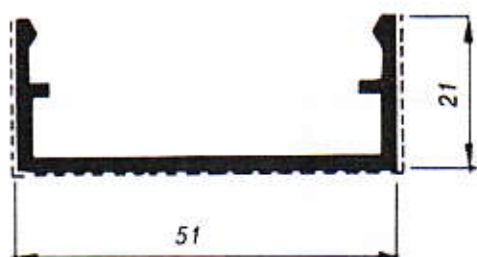
**Art. I 76**

110 gr.ml.



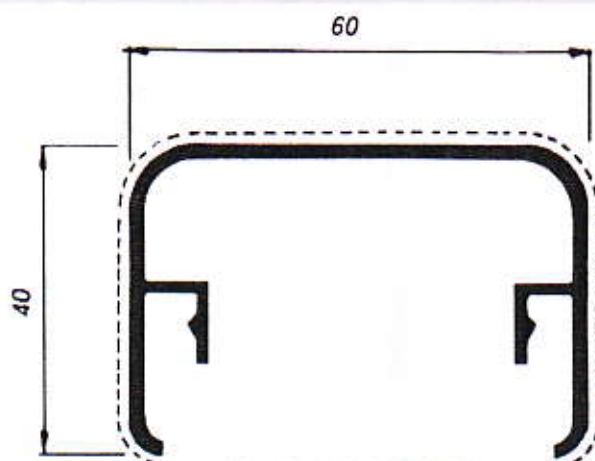
**Art. 9814**

kg/ml 0,585  
--sv/mm 68



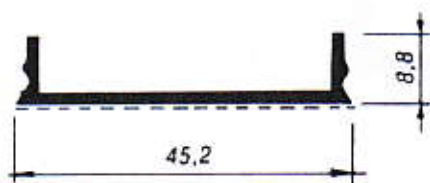
**Art. 200591**

599 gr.ml.



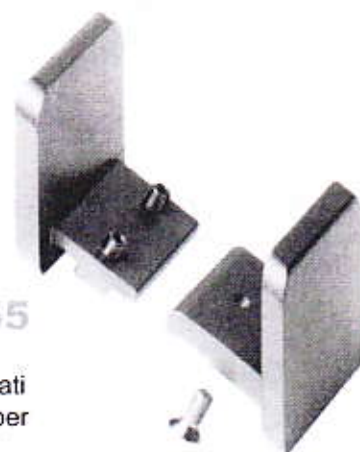
**Art. 200725**

783 gr.ml.



**Art. 200592**

246 gr.ml.



**Art. RA 655**

Coppia tappi inclinati a 30° in alluminio per profilato 200725

**Art. RA 573**

Supporto di fissaggio passamano al muro registrabile in alluminio estruso



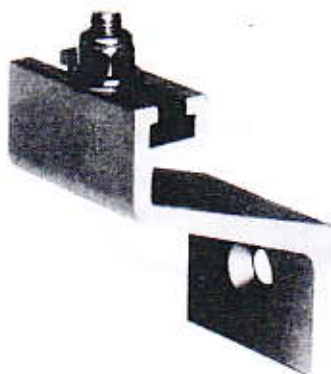
**Art. RA 450**

Tappo terminale in nylon nero



**Art. RA 718**

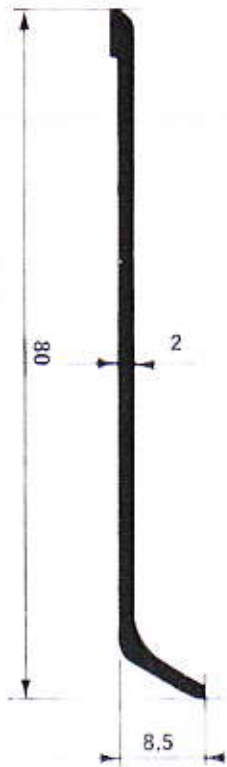
Supporto di fissaggio passamano al muro registrabile in alluminio estruso



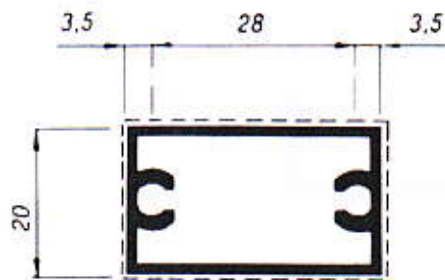
**Art. RA 415**

Tappo terminale in alluminio



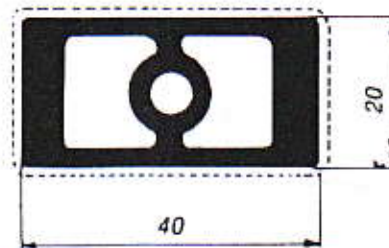


**Art. D 553** 470 gr.ml.



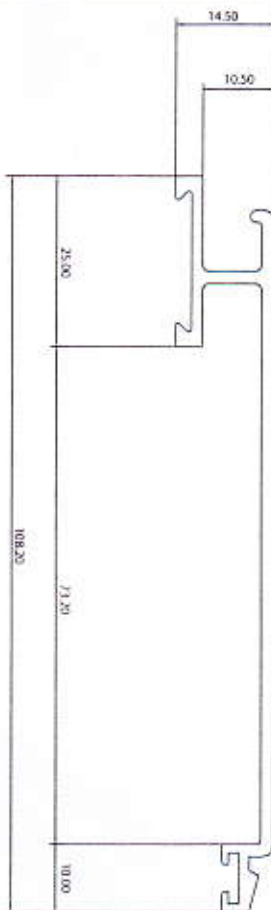
**Art. 200507**

567 gr.ml.



**Art. 201005**

1239 gr.ml.

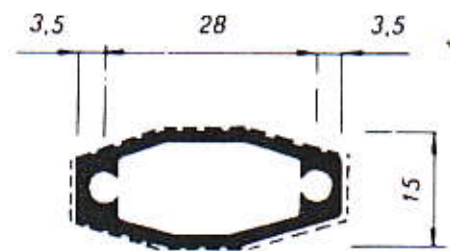


**Art. 7454** 748 gr.ml.



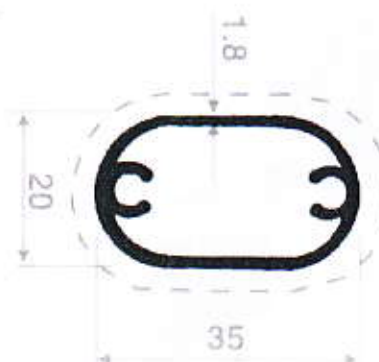
**Art. R 780**

325 gr.ml.



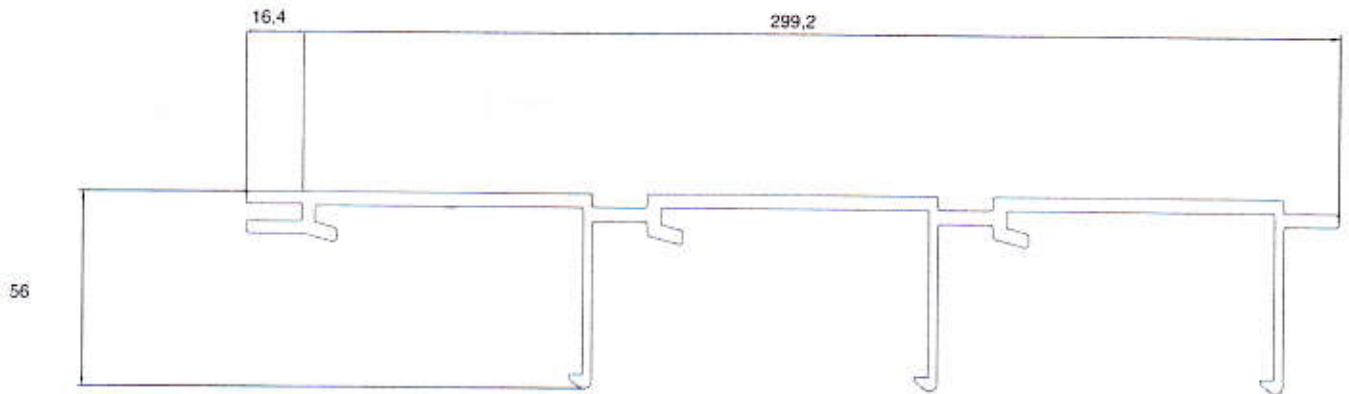
**Art. 200752**

416 gr.ml.



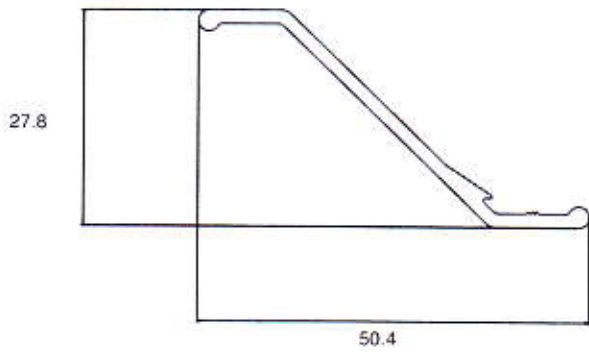
**Art. 200004**

435 gr.ml.



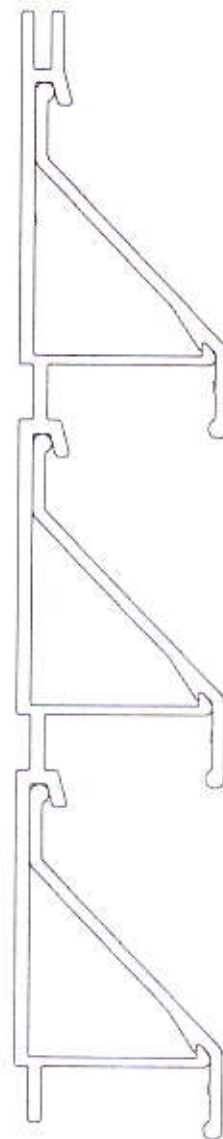
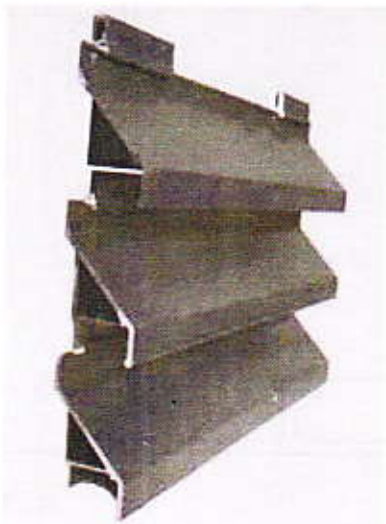
**Art. 17207**

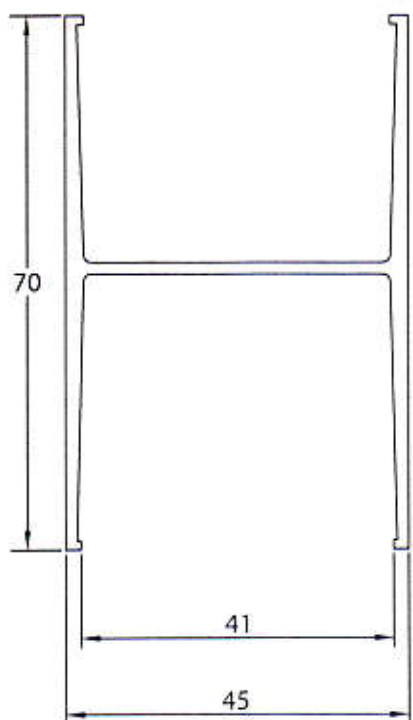
1230 gr.ml.



**Art. 17208**

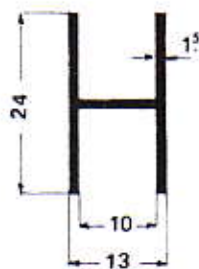
294 gr.ml.





**Art. 1756**

915 gr.ml.



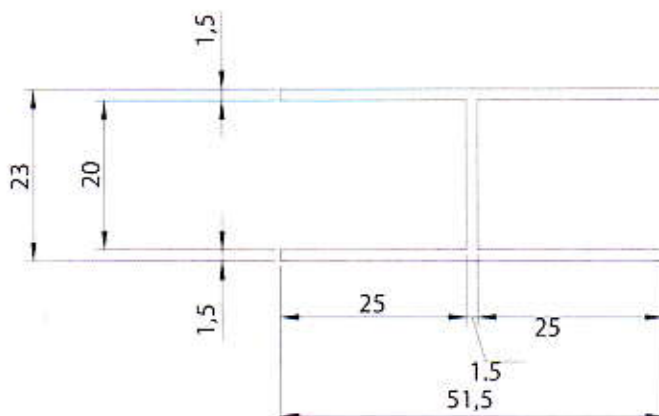
**Art. 4387**

235 gr.ml.



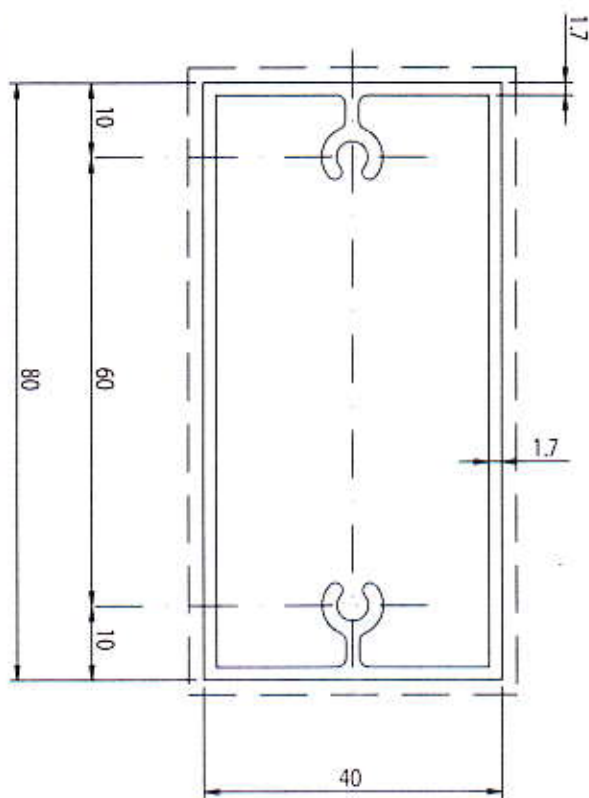
**Art. F 25**

170 gr.ml.



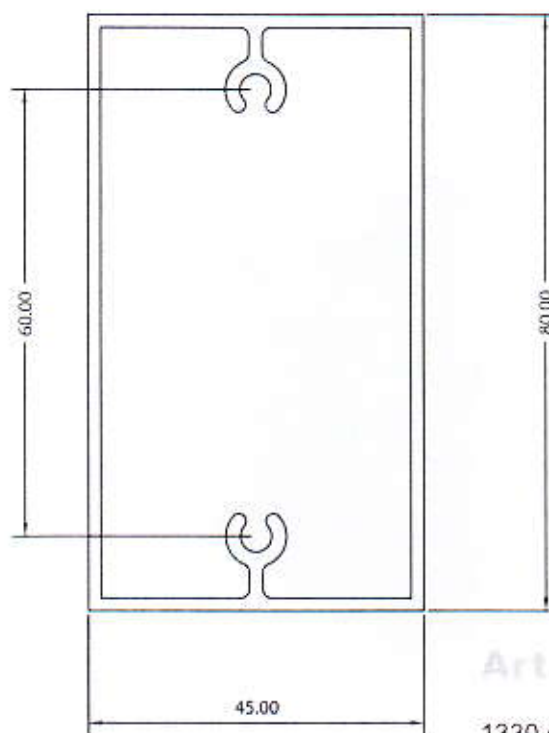
**Art. 5380**

498 gr.ml.



**Art. 5299**

1288 gr.ml.



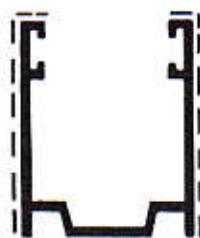
**Art. 6441**

1330 gr.ml.



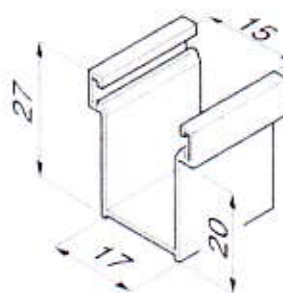
**Art. R 2343**

505 gr.ml.



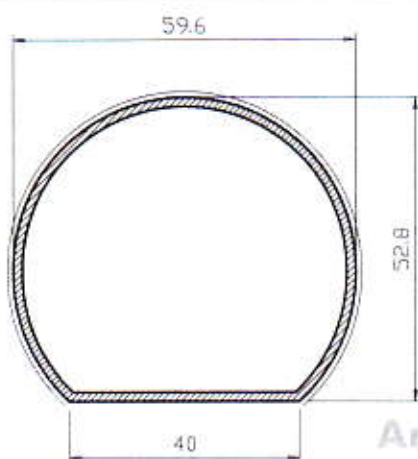
**Art. B 354**

380 gr.ml.



**Art. MB2717**

lunghezza mt. 6,00

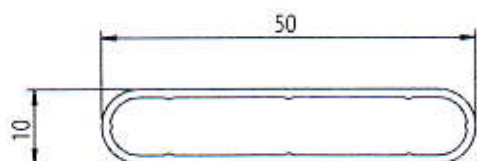
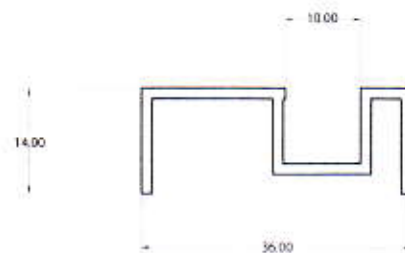


**Art. 9881**

kg/ml 0,783  
--sv/mm 145

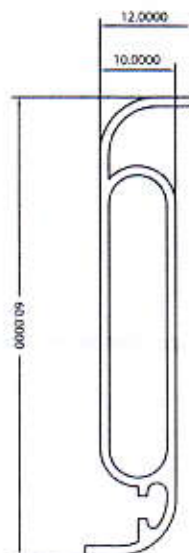
**Art. 7583**

416 gr.ml.



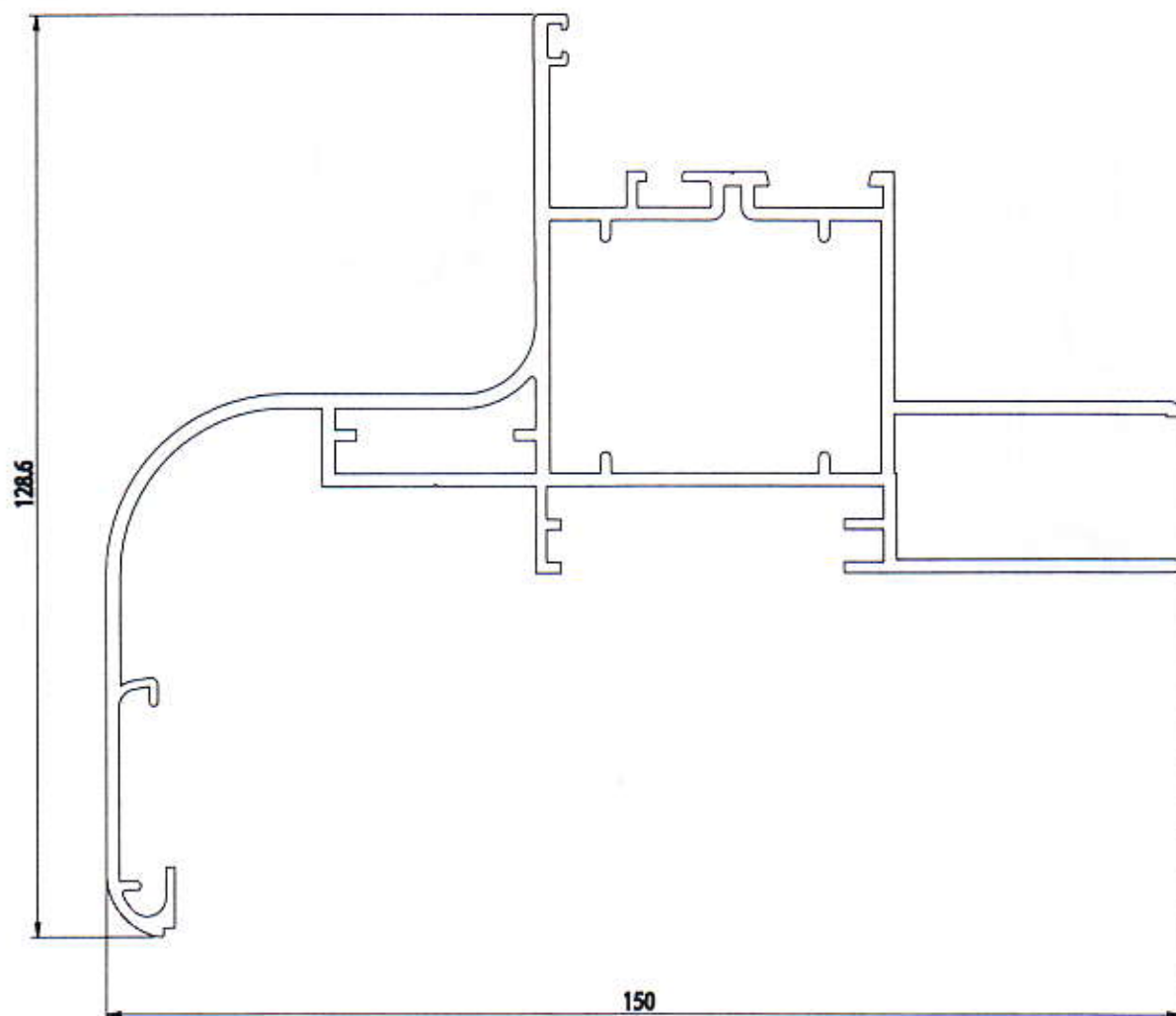
**Art. 30323**

322 gr.ml.



**Art. 7582**

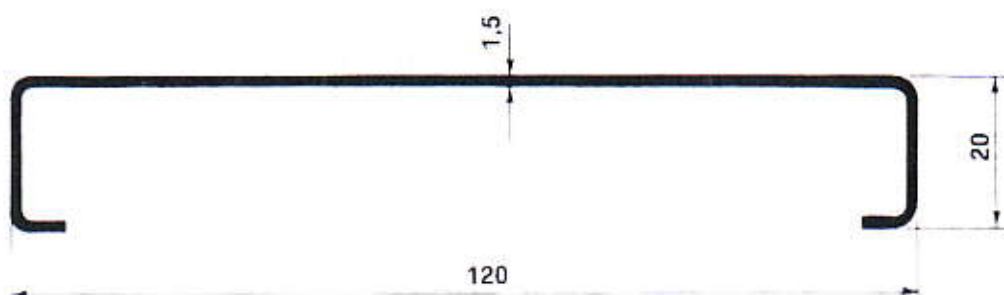
309 gr.ml.



Art. 14870 2660 gr.ml.



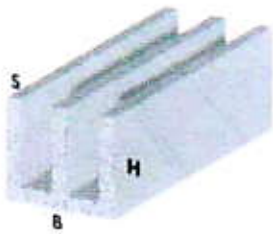
Art. N 15 554 gr.ml.



Art. N 54  
730 gr.ml.

**Art. 1032**

BXHXS = 20X18X1  
Lunghezza mt 2,00  
Anodizzato argento  
cod. 124422



**Art. 1635**

BXHXS = 6X25X1  
Lunghezza mt 2,00  
Anodizzato argento  
cod. 124436

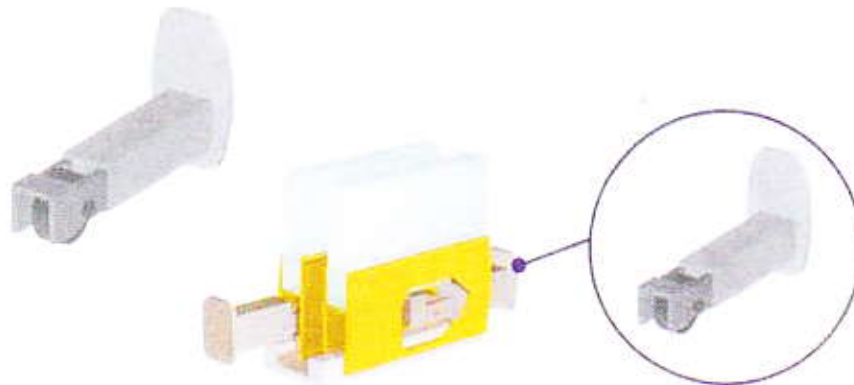


**Art. 1640**

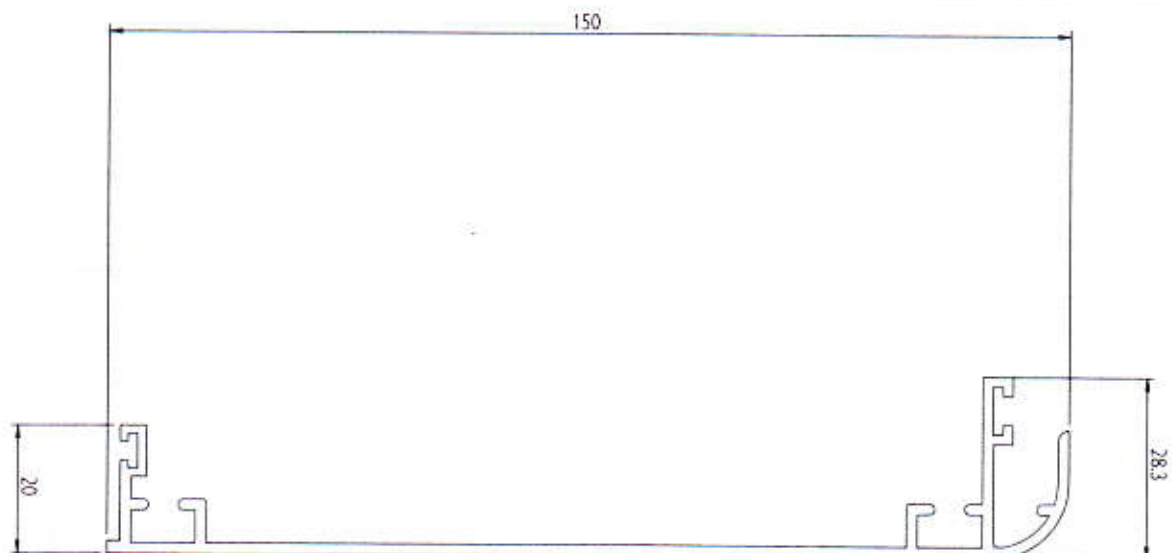
BXHXS = 20X7X5  
Lunghezza mt 2,00  
Anodizzato argento  
cod. 124437



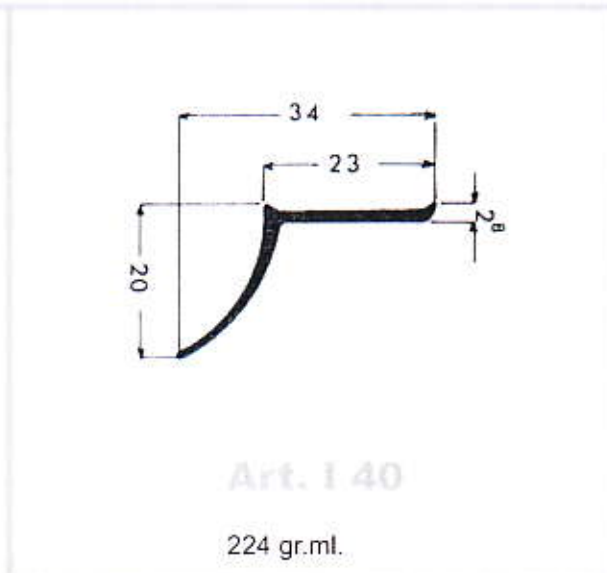
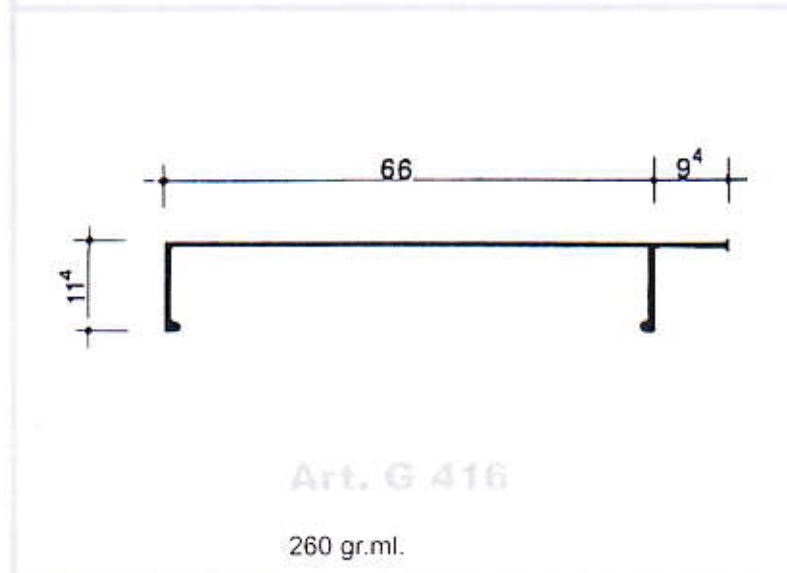
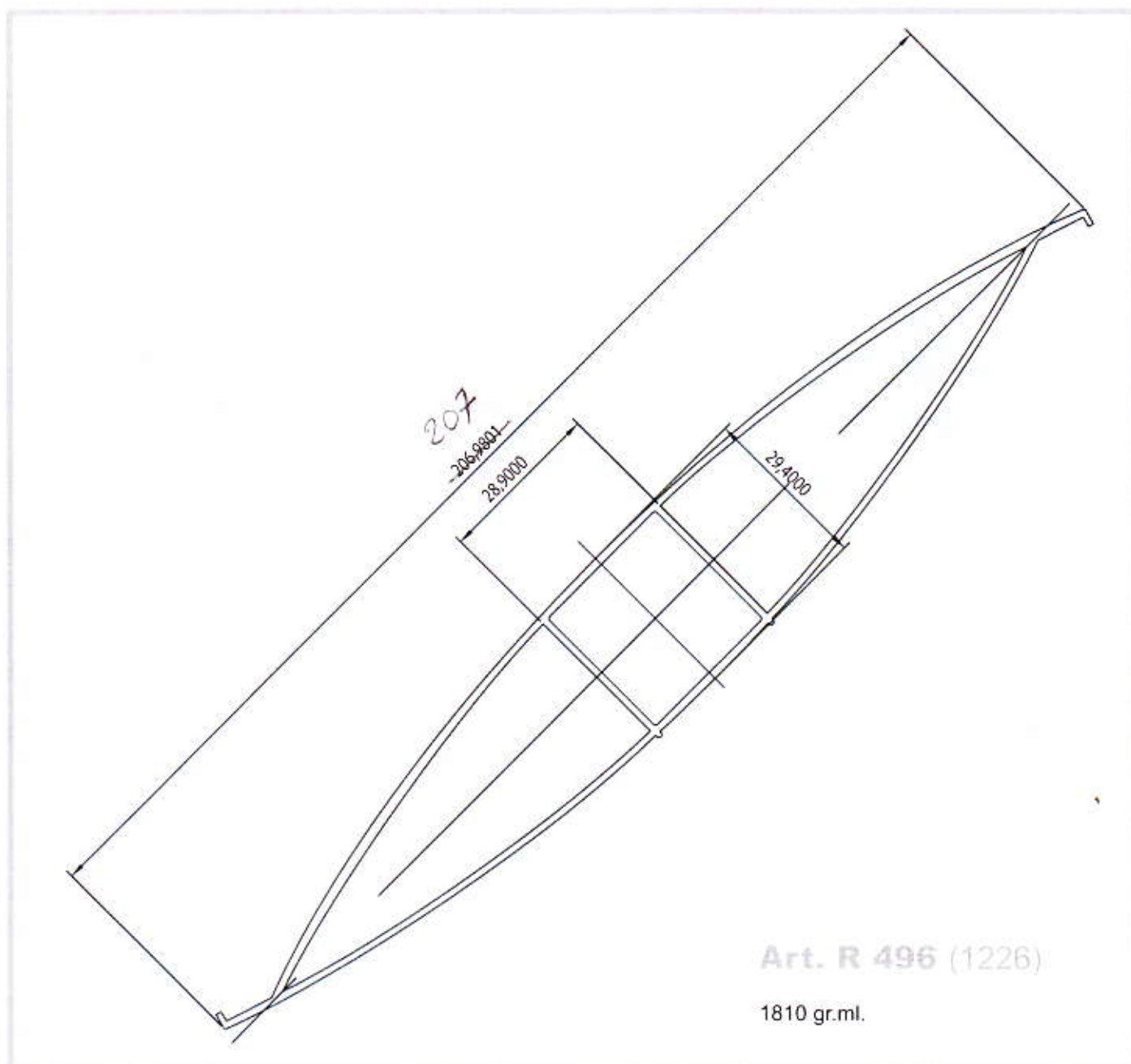
PATTINI Art. 464 (610194)

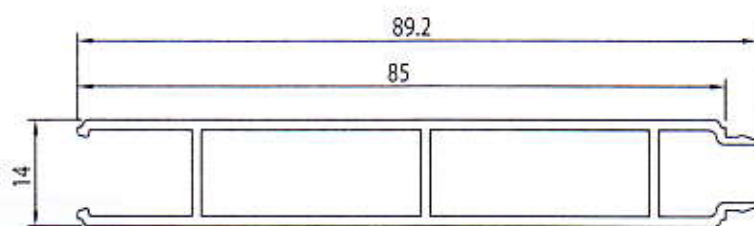


Schema di assemblaggio  
Hookup  
Schéma d'assemblage  
Montageschema  
Esquema de ensamblaie

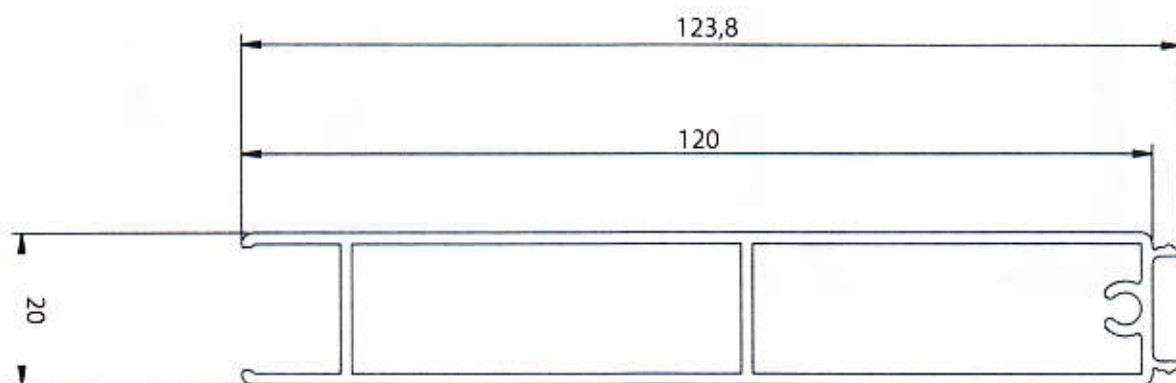


**Art. 13973** 1132 gr.ml.

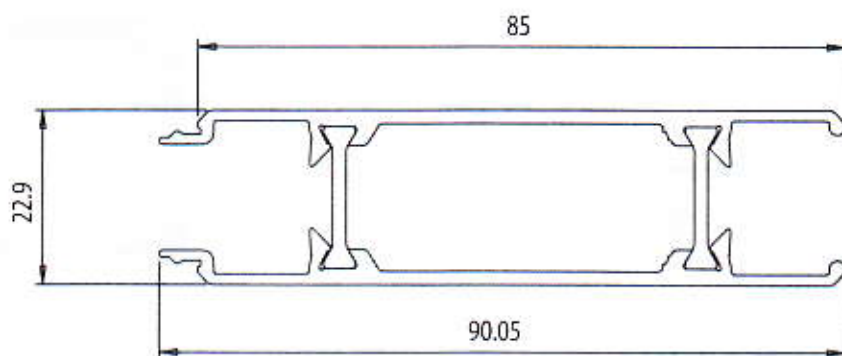




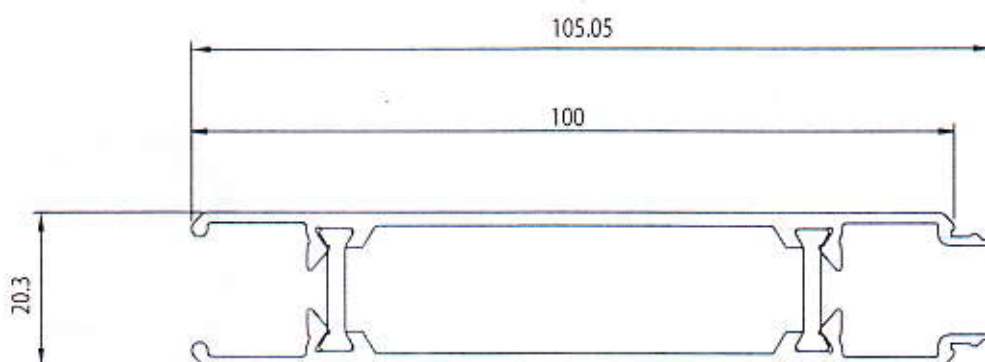
**Art. 14718** 684 gr.ml.



**Art. 9640** 1251 gr.ml.

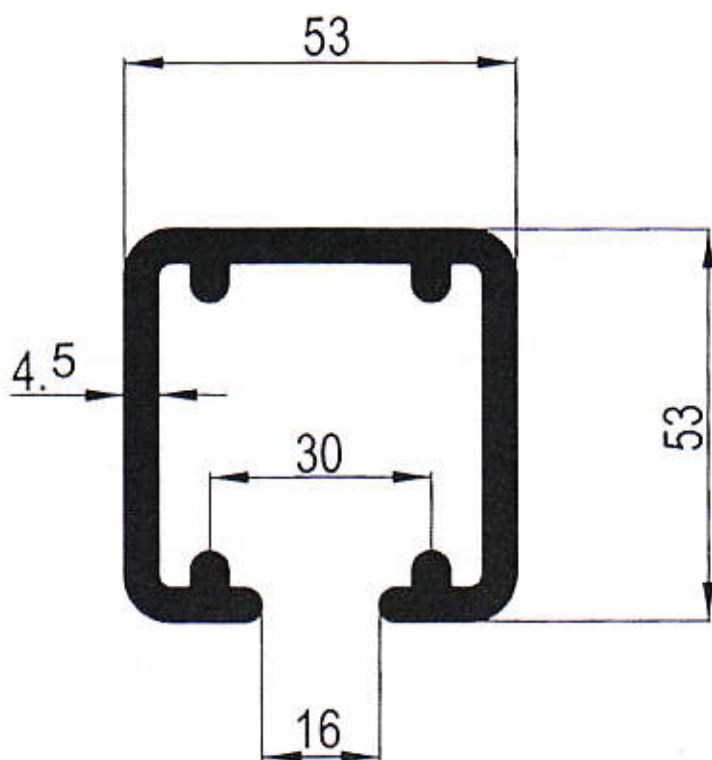


**Art. 60713** 1134 gr.ml.

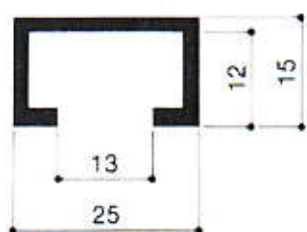


**Art. 60711** 1258 gr.ml.

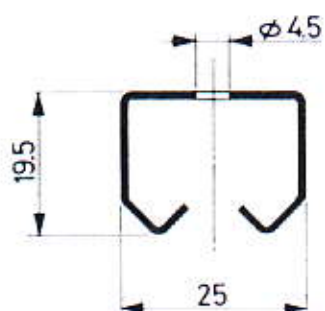
OK



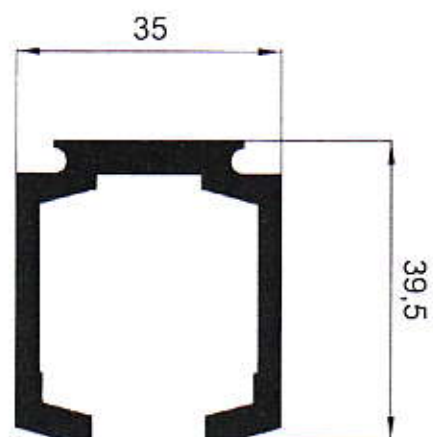
Art. MS 300



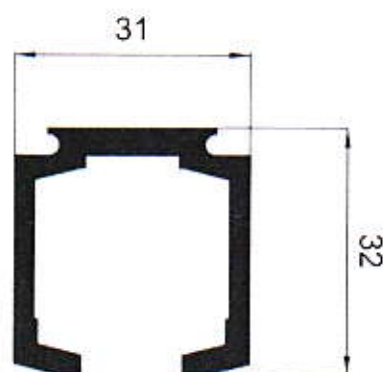
Art. A 3000



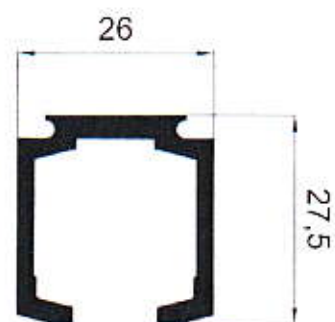
Art. 180



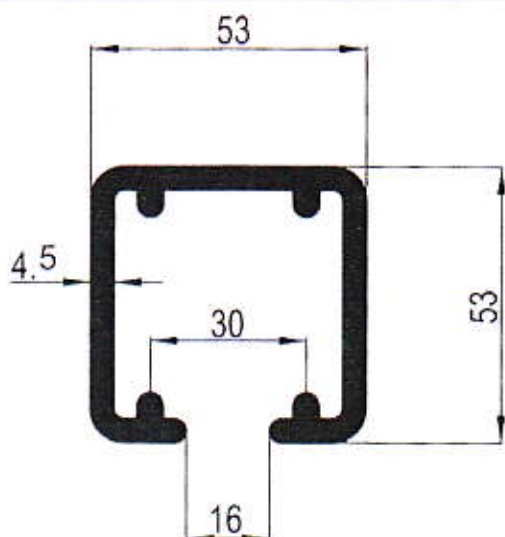
Art. MS 120



Art. MS 80

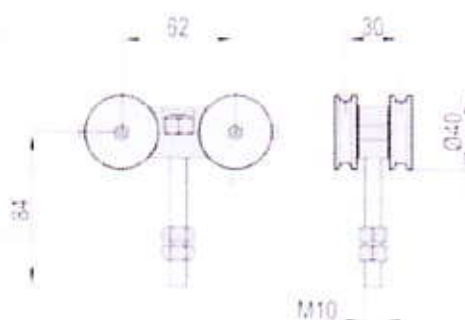
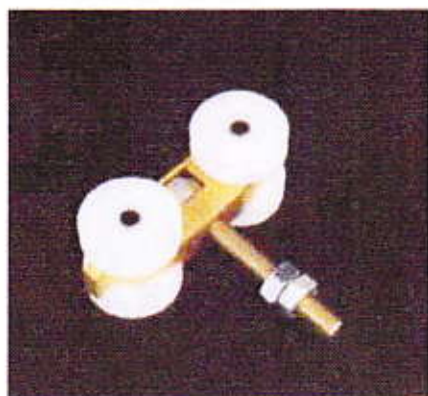


Art. MS 40



**Serie Monosilent**  
Carrelli ed accessori  
per monorotaia MS 300

**Art. MS300**



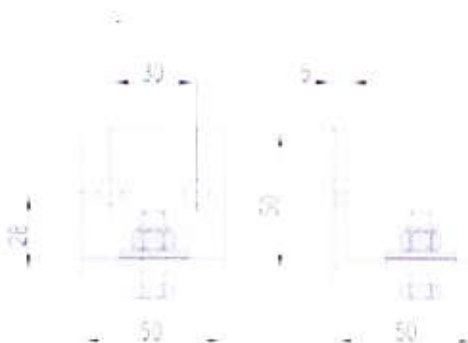
**Carrello**  
**Art. 4S300**

Carrello fisso in alluminio anodizzato oro a 4 ruote diam. 40 in nylon, a gola, su cuscinetti ad aghi



Set in contenitore di cartone per monorotaia MS 300 composto da:  
n° 2 carrelli (Art. 4S300)  
n° 2 piastre girevoli (Art. 300S)  
n° 2 fermi d'arresto (Art. 430)  
n° 1 piastra fissa (Art. 309/25)

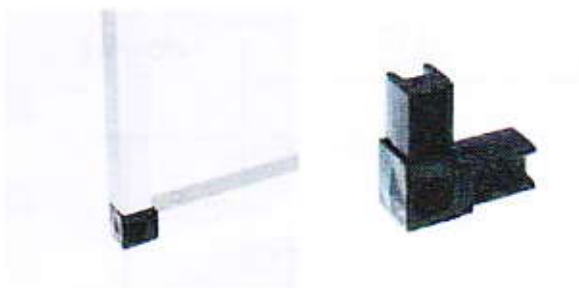
**Art. S 300**



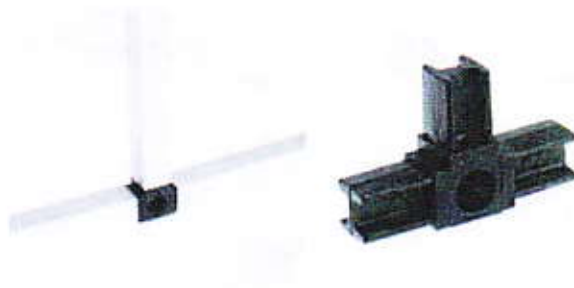
**Art. LS300**

Supporto a parete in alluminio grezzo completo di dado autobloccante, rondella e bullone

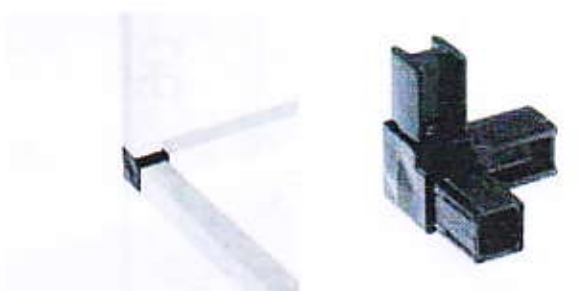
**Art. 2444** Resina ABS Cod. 245770



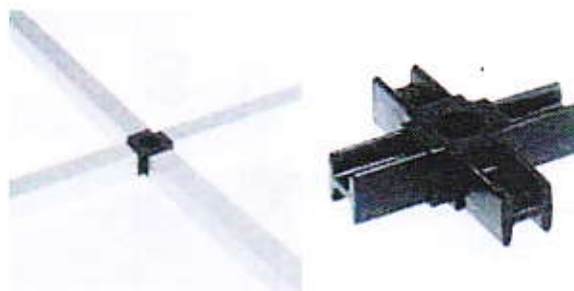
**Art. 2445** Resina ABS Cod. 245769



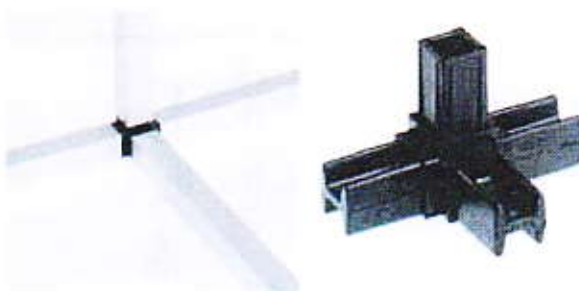
**Art. 2440** Resina ABS Cod. 245772



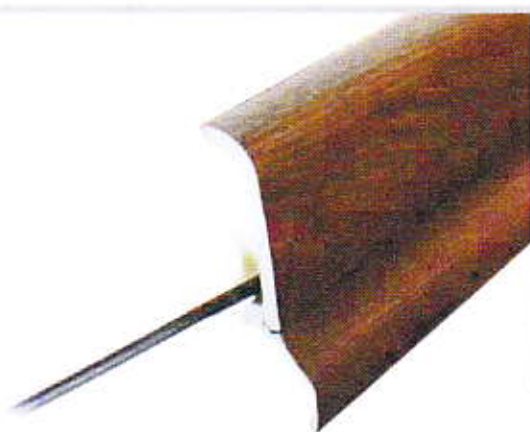
**Art. 2446** Resina ABS Cod. 245768



**Art. 2441** Resina ABS Cod. 245771



Tubolare alluminio  
Ox. argento  
Dimensioni mm. 20x20x1  
Lunghezza mt. 2,00  
Cod. 125035



**Piwoodpass**

Battiscopa in PVC bianco fin. legno  
con passacavi - lunghezza mt. 2,00  
Cod. 125037



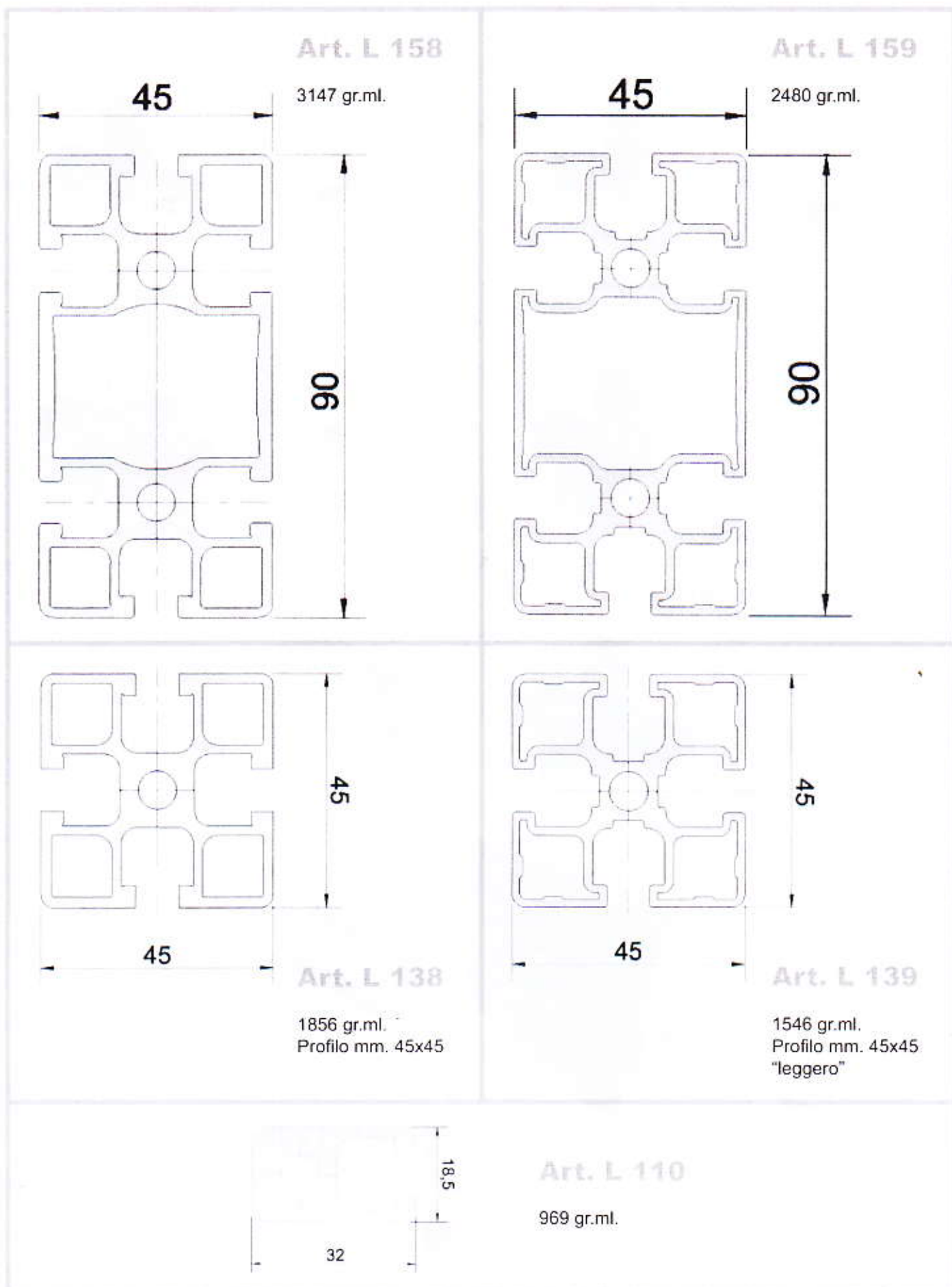
Tubo alluminio  
Ox. argento  
Diametro mm. 24x1  
Lunghezza mt. 2,00  
Cod. 125031



**Art. 1708/80** ANGOLO INTERNO  
Cod. 245774



**Art. 1707/80** ANGOLO ESTERNO  
Cod. 245773





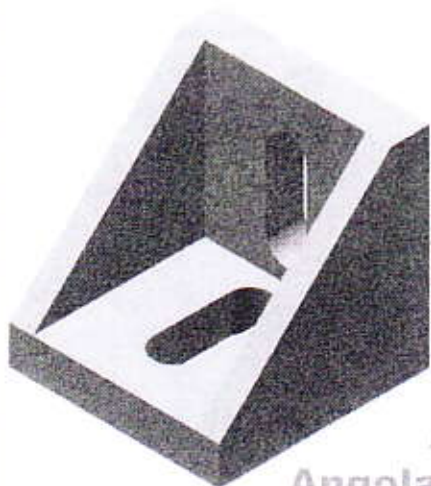
**Art. 3010**  
**Angolare 18x40**

Alluminio pressofuso



**Art. 3015**  
**Angolare 25x40**

Alluminio pressofuso



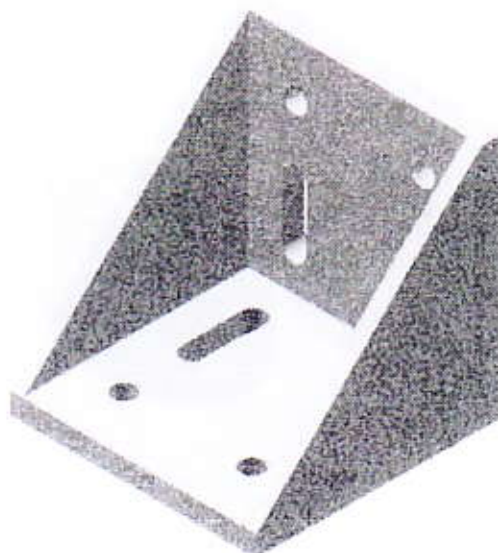
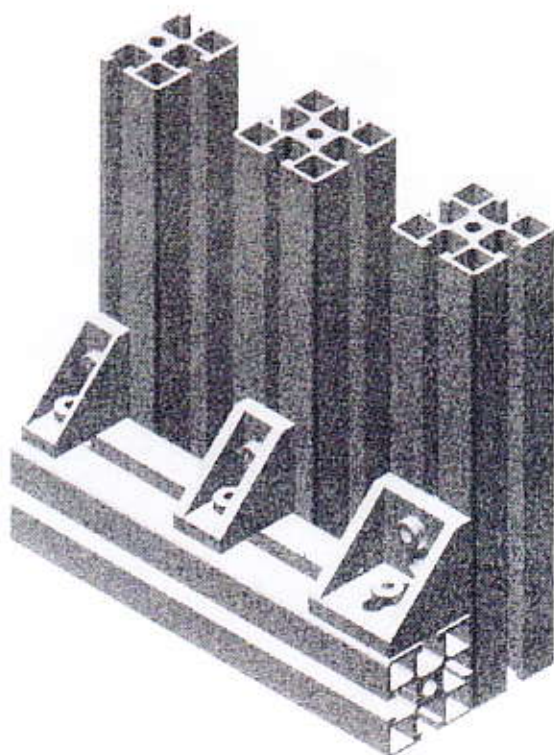
**Art. 3020**  
**Angolare 43x43**

Alluminio pressofuso



**Art. 3025**  
**Angolare 43x87**

Alluminio pressofuso

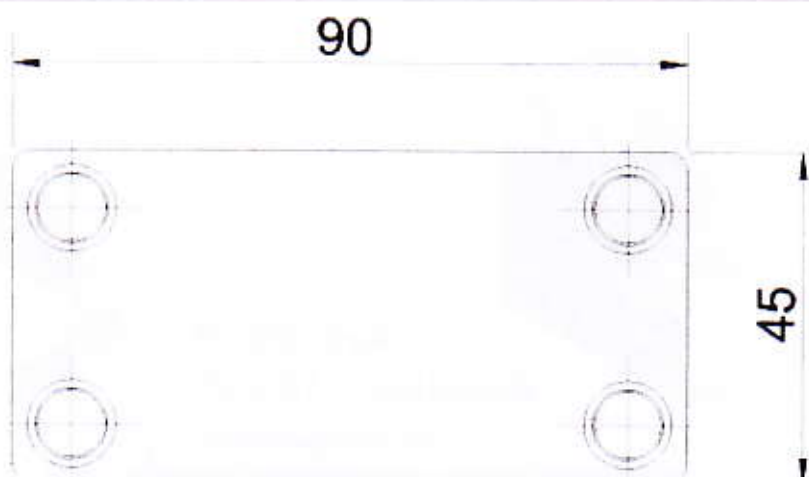


**Art. 3030**  
**Angolare 87x87**

Alluminio pressofuso

**Terminale  
90x45**

Nylon



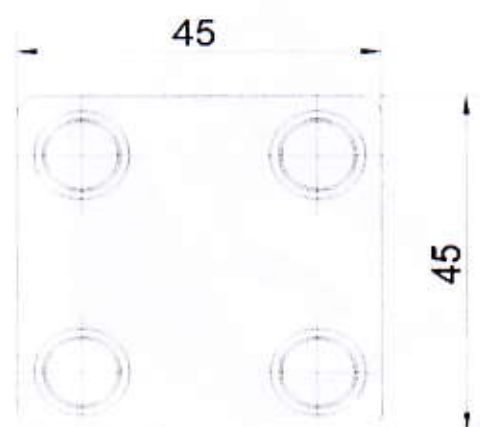
**Terminale  
18,5x32**

Nylon



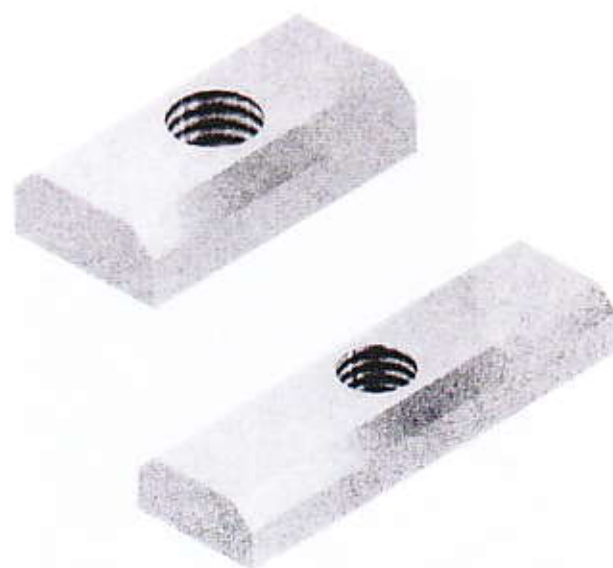
**Terminale  
45x45**

Nylon



**Dado quadro**

Acciaio zincato  
Filetto M4 - M5 - M6 - M8

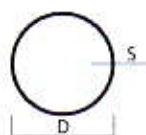


**Dado rettangolare**

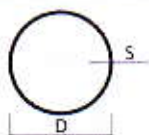
Acciaio zincato  
Dimensioni mm. 25x13 - 42x13  
Filetto M8



Formato mm.	Peso teorico gr/mt	Formato mm.	Peso teorico gr/mt
10x10x1	97	50x50x2	1024
12x12x1	119	50x50x3	1511
15x10x1,5	150	50x50x4	1988
15x15x1,5	219	55x55x2	1144
20x10x1,5	219	60x20x2	821
20x15x1,5	259	60x30x2	928
20x20x1,5	300	60x30x3	1360
20x20x2	389	60x40x2	1038
25x15x1,5	300	60x40x4	2000
25x15x2	388	60x60x2	1252
25x25x1,5	382	60x60x3	1850
25x25x2	495	70x20x2	928
30x10x1,5	299	70x30x2	1038
30x15x1,5	340	70x70x2	1468
30x15x2	443	80x20x2	1040
30x20x2	498	80x30x2	1142
30x30x2	602	80x40x2	1252
30x30x2	874	80x40x4	2419
35x15x1,5	380	80x50x2	1360
35x20x2	550	80x80x2	1678
35x35x2	708	100x100x2	2088
40x10x1,5	380	100x100x4	4145
40x15x2	551	100x20x2	1252
40x20x2	606	100x30x2	1360
40x25x2	660	100x40x2	1470
40x30x2	712	100x40x4	2834
40x30x3	1068	100x50x2	1576
40x40x2	814	100x50x4	3068
40x40x3	1200	120x15x2	1415
40x40x4	1628	120x20x2	1300
45x20x2	605	120x40x2	1684
45x45x2	919	150x20x2	1783
50x15x2	660	150x50x2	2160
50x20x2	712	150x50x3	3854
50x25x2	769	200x50x4	4846
50x30x2	821		
50x40x2	928		
50x40x4	1590		

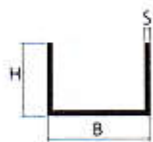


Dimensioni	Peso teorico Kg/mt	Dimensioni	Peso teorico Kg/mt
40x10	2,544	120x5	4,877
45x10	2,969	120x10	9,330
45x15	3,817	120x15	13,359
50x10	3,392	120x20	16,964
50x15	4,453	120x30	22,900
55x10	3,817	120x35	25,235
55x15	5,090	125x20	17,813
60x8	3,529	130x5	5,300
60x10	4,241	130x10	10,174
60x15	5,725	130x15	14,632
60x20	6,786	130x20	18,661
65x10	4,663	130x25	22,266
65x15	6,361	130x30	25,447
70x10	5,090	130x40	30,500
70x15	6,998	140x5	5,726
70x20	8,482	140x10	11,027
75x10	5,513	140x20	20,357
75x15	7,634	150x5	6,148
75x20	9,330	150x10	11,875
80x8	4,886	150x15	17,177
80x10	5,935	150x20	22,054
80x15	8,271	150x25	26,507
80x20	10,179	160x5	6,574
80x25	11,663	160x10	12,724
90x10	6,786	170x5	6,998
90x15	9,538	170x10	13,572
90x20	11,876	170x20	25,447
90x25	13,784	180x5	7,422
100x8	6,370	180x10	14,42
100x10	7,635	180x20	27,144
100x15	10,816	180x40	47,501
100x20	13,572	180x50	55,135
100x25	15,905	190x5	7,844
100x30	17,813	190x10	15,300
110x5	4,445	200x5	8,27
110x10	8,482	200x10	16,116
110x15	12,088	200x15	23,538
110x20	15,200	200x20	30,536
110x25	18,025	230x10	18,700
110x30	20,358	250x20	39,000
120x3	2,976	300x10	24,580

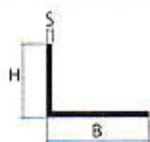


Formato espresso in mm.      Peso teorico g/mt

	1	1,5	2	2,5	3	4	5
6	42						
8	60						
10	76	108					
12	93	134	170				
14	110	159	203				
15	119	172	220				
16		184					
18		210			382		
20		235	306	371	435		636
22			337				
24			373				
25		299	390	477			848
26							
28		337	441				
30		363	475		686		1060
32		388	509				1145
35		426	560		814		1272
40		490	645		942	1222	1485
42			679				
45			730				1695
50		617	814		1196		1906
55			899				2121
60		744	984		1450	1900	2341
65			1068				2544
70			1153				2756
75				1537			2968
80			1323				3181
85			1408				3393
90			1493	1859	2214		3605
100			1663		2470		4031

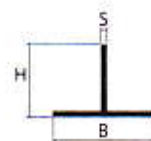


Formato mm. (BxH)	Peso teorico gr/mt	Formato mm. (BxH)	Peso teorico gr/mt
8x8x1	59	35x35x2	545
10x10x1	76	40x20x2	410
10x10x1,5	109	40x30x2	545
10x20x1,5	190	40x40x2	626
12x12x1	92	40x40x4	1250
12x12x1,5	134	45x20x2	437
15x10x1,5	130	45x30x2	545
15x15x1,5	170	45x45x2	690
15x15x2	221	50x20x2	464
15x20x1,5	211	50x25x2	518
15x20x2	248	50x30x2	572
20x10x1,5	150	50x50x2	788
20x15x1,5	190	50x50x5	1880
20x15x2	248	55x20x2	491
20x20x1,5	231	55x25x2	545
20x20x2	303	55x55x2	870
25x15x2	275	60x20x2	518
25x25x1,5	292	60x30x2	626
25x25x2	383	60x60x2	950
30x10x2	248	70x20x2	572
30x15x1,5	230	80x20x2	626
30x15x2	302	80x40x4	1642
30x20x2	356	80x50x5	2080
30x30x2	464	100x20x2	735
35x20x2	383	100x50x5	2600



Formato mm. (BxH)	Peso teorico gr/mt	Formato mm. (BxH)	Peso teorico gr/mt
10x10x1	54	40x30x3	543
10x10x1,5	81	40x40x2	421
10x10x2	97	40x40x3	624
15x10x1,5	96	40x40x4	830
15x15x1,5	115	40x40x5	1013
15x15x2	152	45x45x5	1147
20x10x1,5	115	45x45x2	480
20x10x2	151	50x20x2	367
20x15x1,5	135	50x25x2	394
20x15x2	178	50x30x2	421
20x15x3	267	50x30x3	623
20x20x1,5	156	50x30x5	1012
20x20x2	205	50x50x2	529
20x20x3	300	50x50x3	785
25x10x2	178	50x50x4	1037
25x15x1,5	156	50x50x5	1300
25x15x2	205	50x50x6	1522
25x25x1,5	196	60x20x2	420
25x25x2	260	60x30x2	464
25x25x3	381	60x30x3	704
25x25x4	497	60x40x2	540
30x10x1,5	156	60x40x4	1036
30x10x2	205	60x40x5	1282
30x15x1,5	176	60x60x2	637
30x15x2	232	60x60x3	948
30x20x2	259	60x60x5	1522
30x20x3	380	60x60x6	1847
30x30x1,5	237	70x20x2	475
30x30x2	313	70x30x2	530
30x30x3	461	80x20x2	530
30x30x4	605	80x40x2	648
30x30x5	743	80x40x4	1250
35x10x2	236	80x40x6	1846
35x20x2	286	80x80x6	2460
35x35x2	367	80x80x8	3282
40x10x2	260	100x20x2	656
40x15x2	287	100x30x2	710
40x20x2	313	100x50x3	1190
40x20x3	462	100x50x5	1957
40x20x4	604	100x100x10	5200
40x25x2	340	120x20x2	734
40x30x2	367		

Formato mm. (BxH)	Peso teorico gr/mt
15x15x1,5	115
15x15x2	151
20x20x2	205
25x25x2	259
30x15x2	232
30x20x2	259
30x30x2	313
30x30x3	461
35x35x2	367
40x20x2	315
40x40x2	421
40x40x4	830
50x50x2	540
50x50x5	1282



## Profili commerciali disponibili a magazzino verniciati e ossidati

Tipo di profilo	Dimensioni	Argento	Bronzo	Sallox	9010
TUBOLARE	20x10x1,5	disp.	disp.	disp.	disp.
TUBOLARE	30x15x1,5	disp.	disp.	disp.	disp.
TUBOLARE	40x20x2	disp.	disp.		
TUBOLARE	40x40x2	disp.	disp.	disp.	disp.
TUBOLARE	45x45x2			disp.	
TUBOLARE	50x20x2	disp.	disp.		
TUBOLARE	50x50x2	disp.	disp.	disp.	
TUBOLARE	60x20x2	disp.	disp.	disp.	disp.

Tipo di profilo	Dimensioni	Argento	Bronzo	Sallox	9010
ANGOLARE	15x15x1,5	disp.			
ANGOLARE	20x10x1,5	disp.	disp.	disp.	disp.
ANGOLARE	20x20x1,5	disp.	disp.	disp.	disp.
ANGOLARE	25x25x1,5	disp.			
ANGOLARE	30x30x1,5	disp.	disp.		disp.
ANGOLARE	40x20x2	disp.	disp.		
ANGOLARE	40x40x2	disp.	disp.	disp.	disp.
ANGOLARE	50x20x2	disp.	disp.	disp.	disp.
ANGOLARE	50x50x2	disp.	disp.	disp.	

Tipo di profilo	Dimensioni	Argento	Bronzo	Sallox	9010
U	40x30x2	disp.			
U	Art. 7278	disp.		disp.	disp.
U	Art. 7745	disp.		disp.	
U	50x50x2	disp.		disp.	
U	45x20x2	disp.			

## Barre all. piatte lega 6060/UNI 9006/1 (EX UNI 3569)

Peso in gr. per metro lineare

Spessore in mm.

	2	3	4	5	6	8
10		81		135		216
15	81	122	162	203	243	324
20	108	162	216	270	324	432
25	135	203	270	338	405	540
30	162	243	324	405	486	649
35	189	284	378	473	567	756
40	216	324	432	540	648	864
45		364		607		972
50	270	405	540	675	810	1080
60	325	486	648	810	972	1296
70		567	756	945	1134	1520
80	432	648	864	1080	1296	1728
100		810		1350	1620	2160
120				1620	1944	2592
150				2025	2430	3240

## Barre all. piatte lega 6082 UNI 9006/4 (EX UNI 3571)

Peso in gr. per metro lineare

Spessore in mm.

	10	12	15	20	25	30	35	40	50	60	70	80
15	405											
20	540	648	810									
25	675	813	1013	1355								
30	810	972	1219	1620	2025							
35	945		1418	1890	2363							
40	1080	1296	1620	2160	2700	3240						
45	1250		1850									
50	1350	1620	2025	2700	3375	4050	4725	5400				
60	1620	1944	2430	3240	4050	4860	5670	6430	8100			
70	1890	2268	2840	3780	4725	5670	6616	7560	9450	11340		
80	2160	2592	3240	4320	5400	6480	7560	8640	10800	12960	15120	
90	2430	2916	3645	4860	6075	7317		9756	12150	14580		
100	2700	3240	4065	5420	6750	8100		10800	13500	16200	18970	21600
110							10395				20790	
120	3240	3888	4860	6480	8100	9720		12960	16200	19440	22764	25920
130	3510			7098		10530						
150	4050	4860	6750	8100	10125	12150		16200	20250	24300		
160			6480	8640		12960						
180	4860		7371									
200	5400	6480	8100	10800	13500	16200		21680	27000			
250			10125	13500								



Lega 6060/UNI 9006/1  
(EX UNI 3569)  
Peso kg/mt

8x8	0,173
10x10	0,27
12x12	0,389
15x15	0,607

Lega 2011 UNI 9002/5 (ex UNI6362)  
Lega 6082 UNI 9006/4 (ex UNI3571)  
Peso kg/mt

15x15	0,607
20x20	1,080
25x25	1,750
30x30	2,520
35x35	3,430
40x40	4,480
45x45	5,670
50x50	7,000
55x55	8,470
60x60	10,080
70x70	13,720
80x80	17,920
90x90	22,680
100x100	28,000
110x110	33,880
120x120	40,320
130x130	47,320
140x140	55,568
150x150	63,675
170x170	78,030
190x190	97,470
200x200	108,4

## CARATTERISTICHE MECCANICHE INDICATIVE MEDIE DELLE PRINCIPALI LEGHE DI ALLUMINIO

LEGA	Stato fisico	Resistenza a trazione RM (N/mm <sup>2</sup> )	Carico di snervamento Rp 0.2 (N/mm <sup>2</sup> )	Allungamento su 50mm A%		Durezza HB
	secondo UNI 8278			(1)	(2)	
1050	0	80	35	38	-	21
	H14	110	95	13	-	31
	H18	155	140	6	-	40
6005	T1	170	105	16	-	-
	T5	260	240	8	10	95
6060-6063	0	100	55	29	-	28
	T1	155	95	19	-	44
	T4	170	100	22	-	47
	T5	205	165	12	-	65
	T6	230	200	12	-	72
	T8	265	230	9	-	79
6082	0	125	65	-	25	35
	T4	240	140	-	23	60
	T61	270	185	-	21	80
	T6	335	290	-	13	105
	T9	385	335	-	4	115
2011	T3	370	285	-	15	95
	T6	380	240	-	17	96
	T8	395	315	-	13	105
5754	0	205	100	20	-	50
	H32	235	155	14	-	65
	H34	260	195	8	-	75
	H38	280	250	3	-	85

## CARATTERISTICHE FISICHE PRINCIPALI DELLE PIU' COMUNI LEGHE DI ALLUMINIO

LEGA	Densità di volume (Kg/dm <sup>3</sup> )	Temperatura di fusione (intervallo) (°C)	Conduttività elettrica (m/Ω mm <sup>2</sup> )	Conduttività termica (W/mk)
1050A	2,70	646 - 657	34 - 36	210 - 220
5005	2,69	630 - 650	23 - 31	160 - 220
6060	2,70	585 - 650	28 - 34	200 - 240
6082	2,70	585 - 650	24 - 32	170 - 220
2011	2,82	535 - 640	22 - 26	160 - 180
7020	2,77	600 - 650	19 - 23	130 - 160

## LEGHE DA INCRUDIMENTO SERIE 1000/3000/5000

Vecchia denominazione	Nuova denominazione	
HL	F	grezzo di lavorazione
R	O	ricotto
-	H111	ricotto e spianato
H15	H12 H22 H32	1/4 crudo
H30 H25 H20	H14 H24 H34	1/2 crudo
H50	H16 H26 H36	3/4 crudo
H70	H18 H28 H38	crudo
-	H19	extracrudo

## LEGHE DA TRATTAMENTO TERMICO SERIE 2000/6000/7000

Vecchia denominazione	Nuova denominazione	
Hp	F	grezzo di estrusione
R	O	ricotto
TN	T1	raffreddato, invecchiato naturalmente
THN	T3	solubilizzato, temprato, incrudito, invecchiato naturalmente
TN	T4	solubilizzato, temprato, invecchiato naturalmente
TaA	T5	raffreddato dopo lavorazione a caldo e invecchiato artificialmente
TA 16	T6	solubilizzato, temprato, invecchiato naturalmente
TS	T7	solubilizzato, temprato, stabilizzato
THA TAH	T8 T9	solubilizzato, temprato, incrudito, invecchiato artificialmente
TAH	T10	raffreddato dopo lavorazione a caldo incrudito, invecchiato artificialmente

## CORRISPONDENZE TRA LEGHE ITALIANE ED INTERNAZIONALI

Designazione Convenzionale	ITALIA			U.S.A. Designazione numerica A.A.	FRANCIA Designazione alfanumerica AFNOR	GERMANIA		G.B. Designazione alfanumerica B.S.	Applicazioni tipiche	
	Designazione numerica	Precedenti tabelle di riferimento UNI	Attuali tabelle UNI			Designazione alfanumerica	Legg			Designazione alfanumerica
							w.n. DIN 1713-3			
P-Al 99.0 P-Al 99.5 P-Al 99.7 P-Al 99.8 -	1200 1050A 1070A 1080A -	3567 4507 4508 4509 -	9001/1 9001/2 9001/3 9001/4 -	(1100) (1050) (1070) (1080) 1099	A4 A5 A7 A8 A99	Al99 Al99.5 Al99.7 Al99.8 Al99.98R	3.0205 3.0255 3.0275 3.0285 3.0385	1C 1B - 1A 1	Parti scarsamente sollecitate con buona resistenza alla corrosione. Coperture e rivestimenti, pentolame, imballaggi, minuteria. Particolari applicazioni nell'industria chimica.	
P-AlCu2.6Mg0.05 P-AlCu4MgMn P-AlCu4.4SiMnMg P-AlCu4.5MgMn P-AlCu5.5PbBi P-AlCu4Mg1Pb P-AlCu2.3Mg1.5FeNi	2117 2017A 2014 2024 2011 2007 2618A	3577 3579 3581 3583 6362 - 3578	9002/1 9002/2 9002/3 9002/4 9002/5 9002/8 9002/6	2117 (2017) 2014 2024 2011 - 2618	A-U2G A-U4G A-U4SG A-U4G1 A-U5PbBi - A-U2GN	AlCu2.5Mg0.5 AlCuMg1 AlCuSiMn AlCuMg2 AlCuPbBi AlCuMgPb -	3.1305 3.1325 3.1255 3.1355 3.1655 3.1645 -	L86 - H15 L97 FC1 - H16	Fili per ribattini. Parti resistenti termicamente. Parti meccaniche. Componenti aeronautici. Strutture notevolmente sollecitate. Barre per torniera.	
PAIMn1.2 PAIMn1.2Mg0.4 PAIMn1.2Mg PAIMn1.2Cu	3103 3005 3304 3003	3568 - 6361 7788	9003/3 9003/4 9003/2 9003/1	(3003) 3005 3004 3003	- A-MG0.5 A-M1G A-M1	AlMn1 AlMn1Mg0.5 AlMn1Mg1 AlMnCu	3.0515 3.0525 3.0526 3.0517	N3 - - -	Pannellature Pentolame Imballaggi Coperture - Tubi Lavori di imbottitura Pannellature	
P-AlMg0.8 P-AlMg1.4 P-AlMg2.5 P-AlMg2.7Mn P-AlMg3.5Mn P-AlMg4.5 P-AlMg4.4 P-AlMg5 P-AlMg3	5005 5050 5052 5454 51548 5083 5086 5056A 5754	5764 3573 3574 7789 3575 7790 5452 - -	9005/1 9005/7 9005/2 9005/3 9005/8 9005/5 9005/4 - -	5005 5050 5052 5454 5154-5254 5083 5086 5056 -	A-G0.6 - A-G2.5C A-G2.5MC - A-G4.5MC A-G4MC A-G5 -	(AlMg1) (AlMg1.5) AlMg2.5 AlMg2.7Mn (AlMg3) AlMg4.5Mn AlMg4Mn AlMg5 AlMg3	(3.3315) (3.3316) 3.3523 3.3537 (3.3535) 3.3547 3.3545 3.3555 3.3535	N41 - - N51 (N56) N8 - N6 -	Pannellature e coperture mediamente sollecitate resistenti alla corrosione. Strutture saldare sollecitate e resistenti alla corrosione marina (fasciami e tubazioni). Applicazioni navali, fili per ribattini, bulloneria speciale, accessori.	
P-AlMgSi P-AlMgSiCu P-AlMgSi0.5Mn P-AlMg1SiCu P-AlSi1MgMn P-AlMg0.6Si0.7MnCr	6060 6763 6101 6061 6082 6005/A	3569 6359 3570 6170 3571 -	9006/1 9006/5 9006/3 9006/2 9006/4 9006/6	6063 6463 - 6061 - 6005A	A-GS - - A-GSUC A-SGM0.7 A-SG0.5	AlMSi0.5 - - AlMgSiCu AlMgSi1 AlMgSi0.7	3.3206 - - 3.3211 3.2315 3.3210	(H9) - - H20 H30 -	Strutture non sollecitate anodizzabili, serramenti, arredamenti. Applicazioni decorative che richiedono un ottimo aspetto unitamente a discrete caratteristiche meccaniche. Strutture mediamente sollecitate con buona resistenza alla corrosione.	
P-AlZn5.8Mg0.8Zr - P-AlZn4.5Mg P-AlZn5.8MgCu P-AlZn6Mg2Cu1Zr P-AlZn6.2Mg2.3Cu1.8Zr	7003 - 7020 7075 7012 7010A	- - 7791 3735 - -	9007/5 - 9007/1 9007/2 9007/3 9007/4	7003 7079 7020 7075 7012 -	- A-Z4Gu A-Z5G A-ZGu - -	- (AlZnMgCu0.5) AlZn4.5Mg1 AlZnMgCu1.5 - -	- (3.4345) 3.4335 3.4365 - -	- - H17 2L95L160 (OTD 513)	Strutture saldate ad elevata resistenza (leghe senza rame). Strutture fortemente sollecitate. Pannellatura ad altissima resistenza meccanica.	
P-AlFe0.6Si0.4 P-AlFe1Si0.2	8005 8079	- -	9008/1 9008/2	- -	- -	- -	- -	- -	Conduttori elettrici. Parti da sottoporre ad imbottitura	

## CARATTERISTICHE CHIMICO-FISICHE DELLA LEGA

### USI:

Lega normale adatta per serramenti - costruzioni auto-ferro-tranviarie - arredamenti interni - vetrine e pareti

Lega

**ANOXALL**

uni-3569

### Composizione chimica:

Cu=0,1 %    Si=0,2-0,6 %  
 Fe=0,35 %    Mg=0,45-0,85 %  
 Mn=0,1 %    TI=0,1 %  
 Zn=0,1 %    Cr=0,1 %

Al=resto a 100

<b>UNIMET</b>	Lega alluminio-silicio-magnesio primaria da lavorazione plastica (Si 0,4% - Mg 0,7%) Designazione convenzionale della lega: P-Al Si 0,4 Mg UNI 3569	<b>UNI 3569</b>
---------------	--	---------------------

TIPO	STATO DI FORNITURA		sezione max mm <sup>2</sup>	spessore mm.	CARATTERISTICHE MECCANICHE			
	denominazione	simb.			carico di rottura a traz. R kg/mm <sup>2</sup>	car. un. di scost. da prop. R p (0,2) kg/mm <sup>2</sup>	allungamento A %	durezza Brinell HB kg/mm <sup>2</sup>
tutti	Ricotto	R	12000	-	9+14	5+8	20+30	30+45
	Grezzo di estrusione	Hp	12000	-	12+18	7+12	16+25	30+45
	Bonificato TaN	TaN	12000	-	14+18	8+14	16+20	35+50
	Bonificato TaA	TaA	-	fino a 12	19+26	15+21	11+18	50+70
	Bonificato TA 16	TA16	-	da 8 a 12	21+27 20+26	17+23 16+22	12+18 12+18	60+80 60+80

## TRAFILATI

TIPO	STATO DI FORNITURA		spessore s mm.	diametro d. est. mm.	CARATTERISTICHE MECCANICHE			
	denominazione	simb.			carico di rottura a traz. R kg/mm <sup>2</sup>	car. un. di scost. da prop. R p (0,2) kg/mm <sup>2</sup>	allungamento A %	durezza Brinell HB kg/mm <sup>2</sup>
tubi	Ricotto	R	tutti	12+150	8+12	4+7	25+40	25+40
	Bonificato TN	TN	da 0,6 a 1,2 da 1,2 a 6		15+21	9+15	20+26	40+55
					15+21	9+15	22+28	40+55
Bonificato TA 16	TA 16	da 0,6 a 1,2 da 1,2 a 6	21+27 21+27	17+21 17+21	11+19 12+19	60+80 60+80		