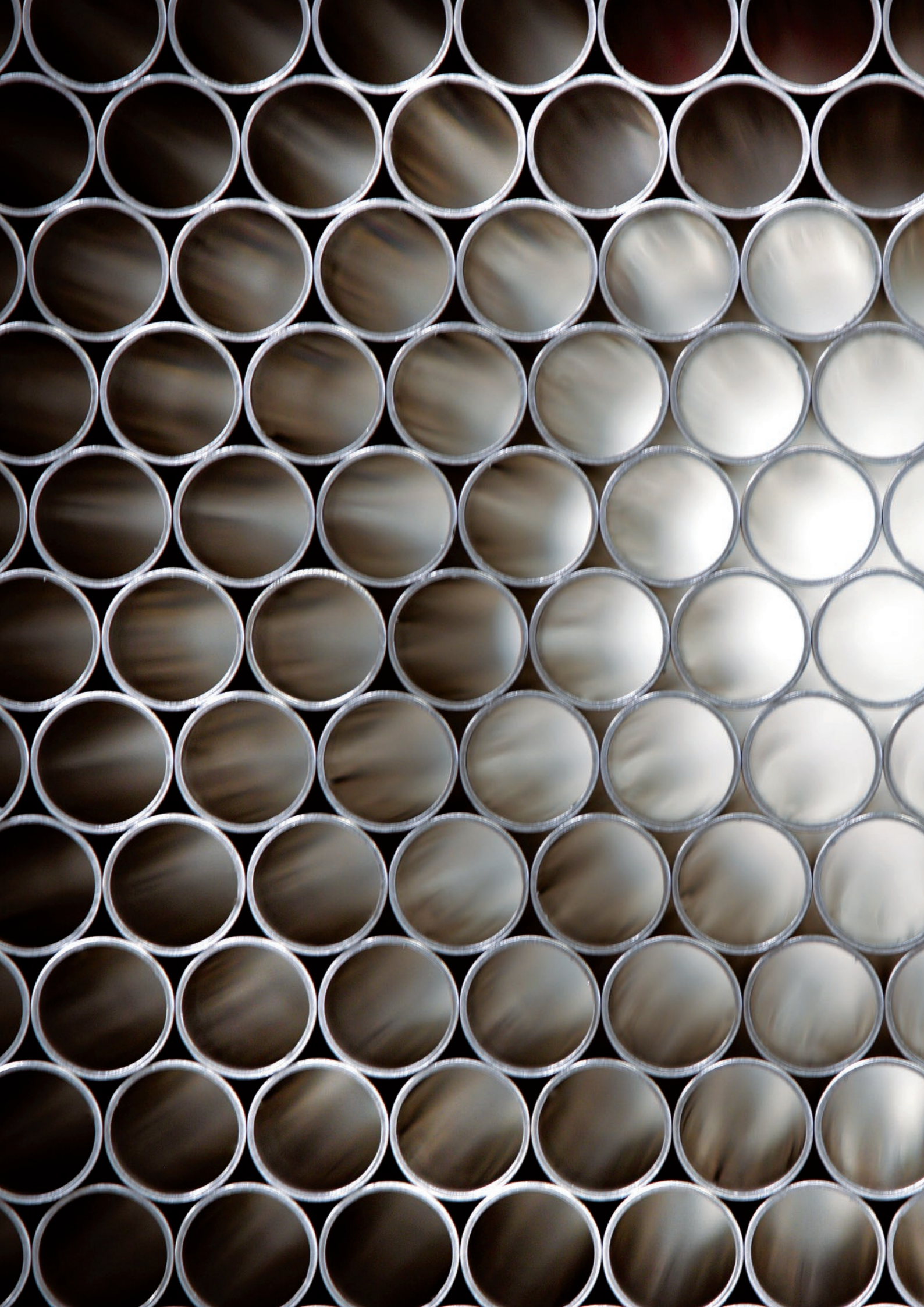




PRECISION WELDED TUBES

TUBI SALDATI DI PRECISIONE



COMPANY

L'Azienda

CROCETTA DEL MONTELLO - TV

The OCSA headquarters is located on a surface of approximately 75,000 m² of which 35,000 m² are built-on area. Precision welded tubes and cold re-rolled strips are manufactured here.

E' la sede centrale di OCSA. Si sviluppa su un'area di circa 75.000 m², di cui 35.000 m² coperti. Qui vengono prodotti i tubi saldati di precisione e parte dei nastri rilaminati a freddo.

ROMANS D'ISONZO - GO

The OCSA re-rolled products division has its main plant on a surface measuring about 30,000 m² of which 11,000 m² are built-on area. Most of the cold re-rolled strips are manufactured in this plant.

Qui ha sede la divisione rilaminati di OCSA. Si sviluppa su un'area di circa 30.000 m², di cui circa 11.000 m² coperti. In questo stabilimento viene prodotta la maggior parte dei nastri rilaminati a freddo.





...more than Just a good tube

Precision welded tubes

Tubi saldati di precisione

In our Crocetta del Montello (TV) plant we manufacture precision round and shaped electro-welded (HFI) tubes in compliance with the European EN 10305-3 and 10305-5 standards.

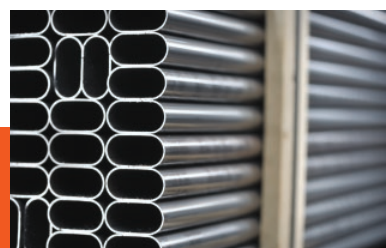
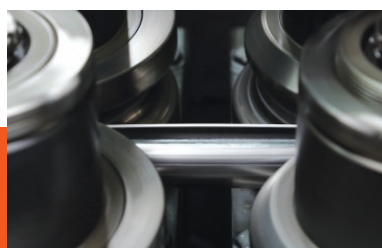
Our range includes:

- Tubes from hot-rolled pickled strips (S2) with thicknesses from 1.4 to 3.0 mm, diameters from 10 to 76 mm and derived shapes (square, rectangular, oval, special profiles).
- Tubes from cold-rolled strips (S3) with thicknesses from 0.5 to 2.5 mm, diameters from 9.5 to 60 mm and derived shapes (square, rectangular, oval, special profiles).
- Tubes from coated strips (galvanized, zinc-magnesium) (S4) with thicknesses from 0.6 to 3.0 mm, diameters from 14 to 76 mm and derived shapes (square, rectangular, oval, special profiles).
The outer welding seam can be zinc-coated.

Nel nostro stabilimento di Crocetta del Montello (TV) produciamo tubi di precisione elettrosaldati (HFI) tondi e di forma secondo le norme EN 10305-3 e 10305-5.

La nostra gamma comprende:

- Tubi da nastri laminati a caldo decapato (S2) con spessori da 1,4 a 3,0 mm, diametri da 10 a 76 mm e forme derivate (quadri, rettangoli, ovali, profili speciali).
- Tubi da nastri laminati a freddo (S3) con spessori da 0,5 a 2,5 mm, diametri da 9,5 a 60 mm e forme derivate (quadri, rettangoli, ovali, profili speciali).
- Tubi da nastri rivestiti (zincati, zinco-magnesio) (S4) con spessori da 0,6 a 3,0 mm, diametri da 14 a 76 mm e forme derivate (quadri, rettangoli, ovali, profili speciali). Il cordone di saldatura esterno può essere ricoperto di zinco.





PRECISION WELDED TUBES

All our production lines, with the latest technologies available on the market, enable us to manufacture the normal qualities provided by the standards:

- +Cr1 from E195 to E355
- +Cr2 from E190 to E420

In addition, in order to be in line with the qualitative developments which the automotive industry especially demands, we have integrated our production range with tubes from high-resistance rolled strips (qualities up to S550MC pickled and HC500LA cold) and Dual-Phase rolled strips (qualities up to HCT780X).

Tubes from cold-rolled strips can be manufactured using the cold re-rolled strips we produce, so that we can, in this case, guarantee surface roughness less than 0.4 microns, particularly tight thickness tolerances and "customized" mechanical characteristics.

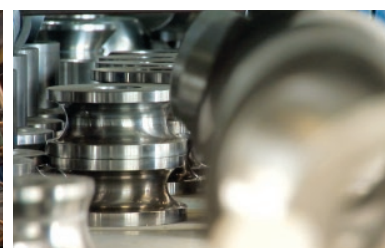
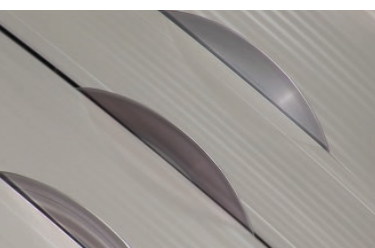
ANCILLARY SERVICES

We can supply S2 and S3 tubes with internal welding seam removed upon our customers' request starting from outer diameter 18 mm.

Our tubes are supplied at machine lengths from 3,000 to 13,000 mm with -0/+10 mm tolerance.

Alternatively, we can supply cut to length tubes with lengths going from 150 to 3,000 mm with tolerances up to +/- 0.2 mm.

In this case the tubes may have brushed ends and can be washed.





TUBI SALDATI DI PRECISIONE

Tutte le nostre linee di produzione con le ultime tecnologie disponibili sul mercato, ci permettono di produrre le qualità standard dettate dalla norma:

- +Cr1 da E195 a E355
- +Cr2 da E190 a E420

Inoltre, per essere sempre al passo con le evoluzioni qualitative richieste soprattutto dall'industria dell'auto, già da tempo abbiamo integrato la nostra gamma di produzione con i tubi ricavati da nastro alto-resistenziale (nelle qualità fino a S550MC decapato e HC500LA freddo) e da nastro laminato a freddo Dual-Phase (nelle qualità fino a HCT780X).

Il tubo da nastro a freddo può essere anche prodotto utilizzando il nastro rilaminato a freddo di nostra produzione, potendo in questo caso garantire una rugosità superficiale inferiore a 0,4 micron, tolleranze di spessore particolarmente ristrette e caratteristiche meccaniche "personalizzate".

SERVIZI ACCESSORI

Su richiesta del cliente possiamo fornire i tubi nelle versioni S2 e S3 scordonati internamente, a partire dal diametro 18 mm.

I tubi vengono forniti in lunghezze di macchina da 3.000 a 13.000 mm con tolleranza -0+10 mm.

In alternativa, esiste la possibilità di fornire tubi tagliati a misura, con lunghezze da 150 fino a 3.000 mm con tolleranze sulla lunghezza fino a +/- 0,2 mm.

In questo caso i tubi possono avere estremità spazzolate ed essere lavati.





Rounds - Tondi



Dimensions <i>Dimensioni</i> mm	Thickness - Spessore mm										
	0,6	0,7	0,8	0,9	1	1,2	1,4	1,5	2	2,5	3
	Theoretical weight - Peso teorico Kg/m										
9,5	0,132	0,152	0,172	0,191	0,210	0,246					
9,85	0,137	0,158	0,178	0,199	0,218	0,256					
10	0,139	0,160	0,181	0,202	0,222	0,260	0,297	0,314			
10,88	0,152	0,176	0,199	0,221	0,244	0,286	0,327	0,347			
11	0,154	0,178	0,201	0,224	0,246	0,290	0,331	0,351			
11,92	0,167	0,194	0,219	0,244	0,269	0,317	0,363	0,385			
11,95	0,168	0,194	0,220	0,245	0,270	0,318	0,364	0,386			
12	0,169	0,195	0,221	0,246	0,271	0,319	0,366	0,388	0,493		
12,5	0,176	0,204	0,231	0,257	0,283	0,334	0,383	0,407	0,518		
12,6	0,177	0,205	0,233	0,260	0,286	0,337	0,386	0,410	0,523		
12,66	0,178	0,206	0,234	0,261	0,287	0,339	0,389	0,413	0,526		
12,8	0,180	0,209	0,237	0,264	0,291	0,343	0,393	0,418	0,532		
13	0,183	0,212	0,241	0,268	0,296	0,349	0,400	0,425	0,542		
13,85	0,196	0,227	0,257	0,287	0,317	0,374	0,430	0,457	0,584		
13,9	0,197	0,228	0,258	0,288	0,318	0,376	0,431	0,458	0,587		
13,92	0,197	0,228	0,259	0,289	0,318	0,376	0,432	0,459	0,588		
13,95	0,197	0,229	0,259	0,290	0,319	0,377	0,433	0,460	0,589		
14	0,198	0,229	0,260	0,291	0,320	0,379	0,435	0,462	0,592		
15	0,213	0,247	0,280	0,313	0,345	0,408	0,469	0,499	0,641		
15,1	0,214	0,248	0,282	0,315	0,348	0,411	0,473	0,503	0,646		
15,8	0,225	0,261	0,296	0,331	0,365	0,432	0,497	0,529	0,680		
16	0,228	0,264	0,300	0,335	0,370	0,438	0,504	0,536	0,690		
16,2	0,231	0,267	0,304	0,339	0,375	0,444	0,511	0,544	0,700		
17	0,243	0,281	0,319	0,357	0,394	0,467	0,538	0,573	0,739		
18	0,257	0,298	0,339	0,379	0,419	0,497	0,573	0,610	0,789		



Rounds - Tondi



Dimensions <i>Dimensioni</i> mm	Thickness - Spessore mm										
	0,6	0,7	0,8	0,9	1	1,2	1,4	1,5	2	2,5	3
	Theoretical weight - Peso teorico Kg/m										
18,5	0,265	0,307	0,349	0,390	0,431	0,512	0,590	0,629	0,813		
19	0,272	0,316	0,359	0,402	0,444	0,527	0,607	0,647	0,838		
20	0,287	0,333	0,379	0,424	0,468	0,556	0,642	0,684	0,887	1,078	
20,1	0,288	0,335	0,381	0,426	0,471	0,559	0,645	0,688	0,892		
20,2	0,290	0,336	0,383	0,428	0,473	0,562	0,649	0,691	0,897		
20,9	0,300	0,349	0,396	0,444	0,491	0,583	0,673	0,717	0,932		
21	0,302	0,350	0,398	0,446	0,493	0,586	0,676	0,721	0,937		
21,2	0,305	0,354	0,402	0,450	0,498	0,592	0,683	0,728	0,947		
22	0,316	0,368	0,418	0,468	0,518	0,615	0,711	0,758	0,986	1,202	
22,2	0,319	0,371	0,422	0,473	0,523	0,621	0,718	0,765	0,996	1,214	
23	0,331	0,385	0,438	0,490	0,542	0,645	0,745	0,795	1,035		
23,5	0,339	0,393	0,448	0,501	0,555	0,660	0,763	0,813	1,060		
24	0,346	0,402	0,457	0,512	0,567	0,674	0,780	0,832	1,085	1,325	
24,1	0,348	0,404	0,459	0,515	0,569	0,677	0,783	0,836	1,089	1,331	
24,2	0,349	0,405	0,461	0,517	0,572	0,680	0,787	0,839	1,094	1,337	
25	0,361	0,419	0,477	0,535	0,592	0,704	0,814	0,869	1,134	1,387	
25,2		0,423	0,481	0,539	0,597	0,710	0,821	0,876	1,144	1,399	
25,4		0,426	0,485	0,544	0,601	0,716	0,828	0,884	1,154	1,411	
25,6			0,489	0,548	0,606	0,722	0,835	0,891	1,163	1,423	
26			0,497	0,557	0,616	0,734	0,849	0,906	1,183	1,448	
27			0,517	0,579	0,641	0,763	0,883	0,943	1,232	1,510	
28			0,536	0,601	0,666	0,793	0,918	0,980	1,282	1,571	
28,6			0,548	0,614	0,680	0,810	0,939	1,002	1,311	1,608	
29			0,556	0,623	0,690	0,822	0,952	1,017	1,331	1,633	
30			0,576	0,646	0,715	0,852	0,987	1,054	1,380	1,695	



Rounds - Tondi



Dimensions <i>Dimensioni</i> mm	Thickness - Spessore mm										
	0,6	0,7	0,8	0,9	1	1,2	1,4	1,5	2	2,5	3
	Theoretical weight - Peso teorico Kg/m										
31,7			0,609	0,683	0,757	0,902	1,046	1,117	1,464	1,799	
32			0,615	0,690	0,764	0,911	1,056	1,128	1,479	1,818	2,144
33,5				0,723	0,801	0,955	1,108	1,183	1,553	1,910	2,255
34				0,734	0,813	0,970	1,125	1,202	1,578	1,941	2,292
35				0,756	0,838	1,000	1,159	1,239	1,627	2,003	2,366
38			0,734	0,823	0,912	1,088	1,263	1,350	1,775	2,188	2,588
40			0,773	0,867	0,961	0,148	1,332	1,423	1,873	2,311	2,736
41					0,986	1,177	1,367	1,460	1,923	2,372	2,810
42					1,011	1,207	1,401	1,497	1,972	2,434	2,884
43					1,035	1,236	1,436	1,534	2,021	2,496	2,958
44,5					1,072	1,281	1,487	1,590	2,095	2,588	3,069
45					1,085	1,296	1,505	1,608	2,120	2,619	3,106
48						1,384	1,608	1,719	2,268	2,804	3,328
50						1,443	1,677	1,793	2,366	2,927	3,476
51						1,473	1,712	1,830	2,416	2,989	3,549
52						1,503	1,746	1,867	2,465	3,050	3,623
55						1,591	1,850	1,978	2,613	3,235	3,845
56						1,621	1,884	2,015	2,662	3,297	3,919
57						1,650	1,919	2,052	2,711	3,358	3,993
60						1,739	2,022	2,163	2,859	3,543	4,215
60,5							2,039	2,181	2,884	3,574	4,252
63								2,274	3,007	3,728	4,437
63,5								2,292	3,032	3,759	4,474
70								2,533	3,352	4,160	4,954
76								2,755	3,648	4,529	5,398



Squares - Quadri



Dimensions <i>Dimensioni</i> mm	Thickness - Spessore mm									
	0,7	0,8	0,9	1	1,2	1,4	1,5	2	2,5	3
	Theoretical weight - Peso teorico Kg/m									
10 x 10	0,212	0,241	0,268	0,296	0,349	0,400	0,425			
12 x 12	0,247	0,280	0,313	0,345	0,408	0,469	0,499	0,641		
13 x 13	0,264	0,300	0,335	0,370	0,438	0,504	0,536	0,690		
14 x 14	0,298	0,339	0,379	0,419	0,497	0,573	0,610	0,789		
15 x 15	0,316	0,359	0,402	0,444	0,527	0,607	0,647	0,838		
16 x 16	0,333	0,379	0,424	0,468	0,556	0,642	0,684	0,887		
17 x 17	0,355	0,404	0,453	0,500	0,595	0,687	0,732	0,951		
18 x 18	0,368	0,418	0,468	0,518	0,615	0,711	0,758	0,986		
20 x 20	0,419	0,477	0,535	0,592	0,704	0,814	0,869	1,134	1,387	
22 x 22	0,471	0,536	0,601	0,666	0,793	0,918	0,980	1,282	1,571	
24 x 24	0,506	0,576	0,646	0,715	0,852	0,987	1,054	1,380	1,695	
25 x 25	0,540	0,615	0,690	0,764	0,911	1,056	1,128	1,479	1,818	
28 x 28			0,729	0,807	0,963	1,116	1,192	1,565	1,926	
30 x 30			0,823	0,912	1,088	1,263	1,350	1,775	2,188	2,588
34 x 34				1,035	1,236	1,436	1,534	2,021	2,496	2,958
35 x 35				1,085	1,296	1,505	1,608	2,120	2,619	3,106
38 x 38				1,159	1,384	1,608	1,719	2,268	2,804	3,328
39,7 x 39,7				1,232	1,473	1,712	1,830	2,416	2,989	3,549
40 x 40				1,232	1,473	1,712	1,830	2,416	2,989	3,549
45 x 45						1,919	2,052	2,711	3,358	3,993
50 x 50						2,143	2,292	3,032	3,759	4,474
60 x 60						2,574	2,755	3,648	4,529	5,398



Rectangles - Rettangoli



Dimensions* <i>Dimensioni</i> mm	Thickness - Spessore mm									
	0,7	0,8	0,9	1	1,2	1,4	1,5	2	2,5	3
	Theoretical weight - Peso teorico Kg/m									
<u>15</u> x 10	0,255	0,290	0,324	0,357	0,423	0,487	0,518			
<u>16</u> x 10	0,264	0,300	0,335	0,370	0,438	0,504	0,536			
<u>18</u> x 10	0,298	0,339	0,379	0,419	0,497	0,573	0,610			
<u>20</u> x 10	0,316	0,359	0,402	0,444	0,527	0,607	0,647			
<u>20</u> x 15	0,368	0,418	0,468	0,518	0,615	0,711	0,758	0,986		
<u>22</u> x 18	0,419	0,477	0,535	0,592	0,704	0,814	0,869	1,134		
<u>24</u> x 12	0,367	0,418	0,468	0,518	0,616	0,711	0,758			
<u>25</u> x 10	0,368	0,418	0,468	0,518	0,615	0,711	0,758			
<u>25</u> x 15	0,419	0,477	0,535	0,592	0,704	0,814	0,869	1,134		
<u>25</u> x 20	0,471	0,536	0,601	0,666	0,793	0,918	0,980	1,282	1,571	
<u>30</u> x 10	0,419	0,477	0,535	0,592	0,704	0,814	0,869			
<u>30</u> x 15	0,471	0,536	0,601	0,666	0,793	0,918	0,980	1,282		
<u>30</u> x 18	0,506	0,576	0,646	0,715	0,852	0,987	1,054	1,380		
<u>30</u> x 20	0,540	0,615	0,690	0,764	0,911	1,056	1,128	1,479	1,818	
<u>30</u> x 25	0,592	0,674	0,756	0,838	1,000	1,159	1,239	1,627	2,003	2,366
<u>32</u> x 12	0,471	0,536	0,601	0,666	0,793	0,918	0,980			
<u>32</u> x 18	0,540	0,615	0,690	0,764	0,911	1,056	1,128	1,479		
<u>32</u> x 22		0,651	0,730	0,808	0,964	1,118	1,194	1,568	1,929	2,278
<u>32</u> x 25		0,694	0,779	0,863	1,029	1,194	1,276	1,676	2,064	2,440
<u>35</u> x 10		0,536	0,601	0,666	0,793	0,918	0,980			
<u>35</u> x 15		0,615	0,690	0,764	0,911	1,056	1,128	1,479		
<u>35</u> x 20		0,674	0,756	0,838	1,000	1,159	1,239	1,627	2,003	
<u>35</u> x 25		0,734	0,823	0,912	1,088	1,263	1,350	1,775	2,188	2,588
<u>35</u> x 30		0,801	0,898	0,996	1,189	1,380	1,475	1,942	2,397	2,840
<u>40</u> x 10		0,615	0,690	0,764	0,911	1,056	1,128			

* The underlining indicates the possible side for welding - * La sottolineatura indica il lato possibile di saldatura



Rectangles - Rettangoli



Dimensions* <i>Dimensioni</i> mm	Thickness - Spessore mm									
	0,7	0,8	0,9	1	1,2	1,4	1,5	2	2,5	3
	Theoretical weight - Peso teorico Kg/m									
<u>40</u> x 15		0,674	0,756	0,838	1,000	1,159	1,239	1,627		
<u>40</u> x 20		0,734	0,823	0,912	1,088	1,263	1,350	1,775	2,188	2,588
<u>40</u> x 25		0,801	0,898	0,996	1,189	1,380	1,475	1,942	2,397	2,840
<u>40</u> x 27		0,812	0,912	1,011	1,207	1,401	1,497	1,972	2,434	2,884
<u>40</u> x 30			0,978	1,085	1,296	1,505	1,608	2,120	2,619	3,106
<u>40</u> x 35			1,045	1,159	1,384	1,608	1,719	2,268	2,804	3,328
<u>45</u> x 10			0,756	0,838	1,000	1,159	1,239			
<u>45</u> x 20			0,898	0,996	1,189	1,380	1,475	1,942	2,397	2,840
<u>45</u> x 30			1,045	1,159	1,384	1,608	1,719	2,268	2,804	3,328
<u>45</u> x 35			1,111	1,232	1,473	1,712	1,830	2,416	2,989	3,549
48 x <u>32</u>			1,111	1,232	1,473	1,712	1,830	2,416	2,989	3,549
<u>50</u> x 10			0,823	0,912	1,088	1,263	1,350			
<u>50</u> x 20			0,978	1,085	1,296	1,505	1,608	2,120	2,619	3,106
<u>50</u> x 25			1,045	1,159	1,384	1,608	1,719	2,268	2,804	3,328
<u>50</u> x 30			1,111	1,232	1,473	1,712	1,830	2,416	2,989	3,549
<u>50</u> x 40					1,650	1,919	2,052	2,711	3,358	3,993
<u>60</u> x 20					1,473	1,712	1,830	2,416	2,989	3,549
<u>60</u> x 25					1,562	1,815	1,941	2,563	3,174	3,771
<u>60</u> x 30					1,650	1,919	2,052	2,711	3,358	3,993
<u>60</u> x 40					1,843	2,143	2,292	3,032	3,759	4,474
<u>70</u> x 20					1,650	1,919	2,052	2,711	3,358	3,993
<u>70</u> x 25					1,739	2,022	2,163	2,859	3,543	4,215
<u>70</u> x 50						2,574	2,755	3,648	4,529	5,398
<u>80</u> x 20						2,143	2,292	3,032	3,759	4,474
<u>80</u> x 40						2,574	2,755	3,648	4,529	5,398

* The underlining indicates the possible side for welding - * La sottolineatura indica il lato possibile di saldatura

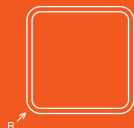


Round corner rectangles Rettangoli raggianti



Dimensions* <i>Dimensioni</i> mm	Radius <i>Raggio</i>	Thickness - <i>Spessore</i> mm						
		0,8	0,9	1	1,2	1,4	1,5	2
		Theoretical weight - <i>Peso teorico</i> Kg/m						
30 X <u>20</u>	3	0,582	0,652	0,722	0,861	0,997	1,065	
<u>30</u> X 20	6			0,688	0,819	0,949	1,013	1,326
<u>30</u> X <u>25</u>	5			0,769	0,926	1,080	1,161	1,543
35 X <u>20</u>	3	0,641	0,721	0,801	0,967	1,108	1,183	
<u>35</u> X 20	4			0,785	0,936	1,085	1,159	
<u>35</u> X <u>20</u>	6				0,911	1,059	1,124	1,494
<u>40</u> X <u>20</u>	4			0,863	1,030	1,194	1,276	1,677
<u>40</u> X 25	5			0,929	1,109	1,287	1,375	1,809
40 X <u>30</u>	5			1,018	1,216	1,411	1,509	1,987
<u>45</u> X 25	6				1,195	1,391	1,479	1,967
<u>45</u> X <u>30</u>	5				1,302	1,518	1,631	2,170
50 X <u>30</u>	5				1,402	1,629	1,741	2,297
<u>60</u> X <u>30</u>	5				1,586	1,857	1,986	2,643
61 X <u>31</u>	5				1,621	1,884	2,015	2,662
<u>70</u> X 30	5				1,784	2,074	2,218	2,933

* The underlining indicates the possible side for welding - * La sottolineatura indica il lato possibile di saldatura



Round corner squares Quadri raggiati



Dimensions <i>Dimensioni</i> mm	Radius <i>Raggio</i>	Thickness - <i>Spessore</i> mm						
		0,8	0,9	1	1,2	1,4	1,5	2
		Theoretical weight - <i>Peso teorico</i> Kg/m						
18 x 18	2	0,418	0,468	0,518	0,615			
18 x 18	3	0,402	0,457	0,503	0,612			
18 x 18	4	0,390	0,453	0,485	0,600	0,687	0,773	
20 x 20	6			0,525	0,630	0,728	0,773	1,025
22 x 22	4			0,651	0,775	0,897	0,958	1,252
25 x 25	2,5	0,612	0,686	0,760	0,906	0,105	1,121	
25 x 25	5			0,690	0,831	0,970	1,043	1,385
35 x 35	5			1,006	1,210	1,401	1,512	2,012
60 x 60	2,7			1,858	2,223	2,587	2,768	3,666



Elliptical - Ellittico



Dimensions* <i>Dimensioni</i> mm	Thickness - <i>Spessore</i> mm							
	0,7	0,8	0,9	1	1,2	1,4	1,5	2
	Theoretical weight - <i>Peso teorico</i> Kg/m							
28 x <u>20</u>		0,477	0,535	0,592	0,704	0,814	0,869	1,134
<u>30</u> x 14		0,438	0,490	0,542	0,645	0,745	0,795	1,035
<u>30</u> x 15	0,393	0,448	0,501	0,555	0,660	0,763	0,813	1,060
33 x <u>16</u>	0,419	0,477	0,535	0,592	0,704	0,814	0,869	1,134
<u>36</u> x 30				0,808	0,963	1,117	1,193	1,566
40 x <u>20</u>		0,596	0,668	0,739	0,881	1,021	1,091	1,430
<u>50</u> x 25				0,912	1,088	1,263	1,350	1,775

* The underlining indicates the possible side for welding - * La sottolineatura indica il lato possibile di saldatura



Ovals - Ovali



Dimensions* Dimensioni mm	Thickness - Spessore mm								
	0,6	0,7	0,8	0,9	1	1,2	1,4	1,5	2
	Theoretical weight - Peso teorico Kg/m								
<u>20</u> x <u>10</u>	0,228	0,264	0,300	0,335	0,370	0,438	0,504	0,536	0,690
<u>22</u> x <u>14</u>	0,272	0,316	0,359	0,402	0,444	0,527	0,607	0,647	0,838
<u>25</u> x <u>10</u>	0,280	0,324	0,369	0,413	0,456	0,541	0,625	0,666	0,863
25 x <u>12</u>	0,287	0,333	0,379	0,424	0,468	0,556	0,642	0,684	0,887
<u>30</u> x <u>10</u>	0,331	0,385	0,438	0,490	0,542	0,645	0,745	0,795	1,035
30 x <u>14</u>	0,346	0,402	0,457	0,512	0,567	0,674	0,780	0,832	1,085
<u>30</u> x <u>15</u>		0,419	0,477	0,535	0,592	0,704	0,814	0,869	1,134
30 x <u>20</u>		0,454	0,517	0,579	0,641	0,763	0,883	0,943	1,232
30,5 x <u>14</u>		0,419	0,477	0,535	0,592	0,704	0,814	0,869	1,134
31 x <u>16</u>		0,429	0,488	0,547	0,605	0,721	0,834	0,890	1,161
35 x <u>15</u>		0,471	0,536	0,601	0,666	0,793	0,918	0,980	1,282
35 x <u>20</u>		0,506	0,576	0,646	0,715	0,852	0,987	1,054	1,380
<u>36</u> x <u>18</u>		0,506	0,576	0,646	0,715	0,852	0,987	1,054	1,380
36,3 x <u>18,2</u>		0,501	0,571	0,640	0,708	0,844	0,978	1,044	1,368
38 x <u>20</u>		0,540	0,615	0,690	0,764	0,911	1,056	1,128	1,479
40 x <u>14</u>		0,523	0,596	0,668	0,739	0,881	1,021	1,091	1,430
<u>40</u> x <u>20</u>		0,557	0,635	0,712	0,789	0,941	1,090	1,165	1,528
<u>40</u> x <u>25</u>			0,674	0,756	0,838	1,000	1,159	1,239	1,627
<u>50</u> x <u>25</u>				0,912	1,011	1,207	1,401	1,497	1,972
<u>50</u> x <u>30</u>				0,934	1,035	1,236	1,436	1,534	2,021
<u>60</u> x <u>30</u>					1,208	1,443	1,677	1,793	2,366
<u>70</u> x <u>11</u>						1,401	1,628	1,741	

* The underlining indicates the possible side for welding - * La sottolineatura indica il lato possibile di saldatura

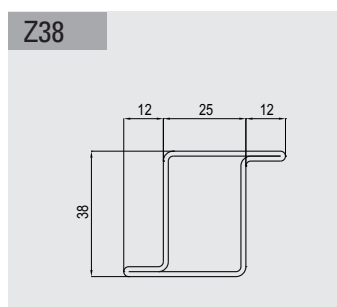
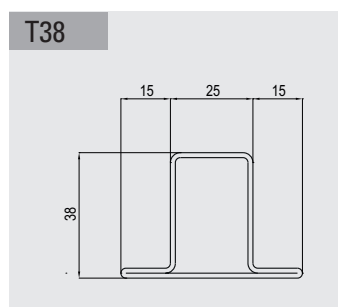
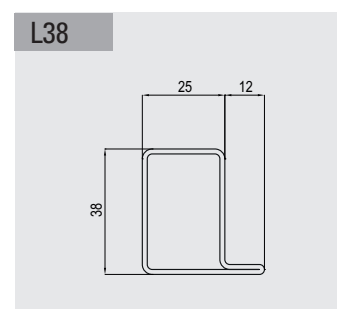
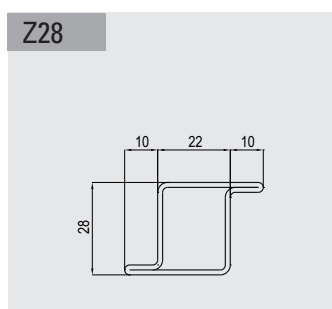
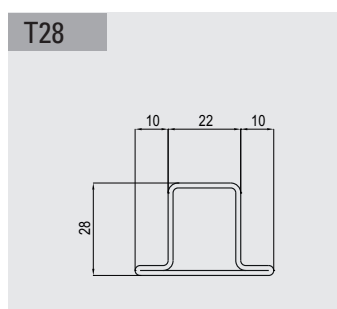
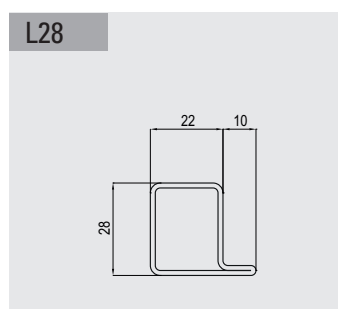


Doors and windows tubes

Profili per serramenti



Dimensions <i>Dimensioni</i> mm	Thickness - Spessore mm						
	0,7	0,8	0,9	1	1,2	1,5	2
	Theoretical weight - Peso teorico Kg/m						
L28						1,350	1,775
T28						1,534	2,021
Z28						1,534	2,021
L38						1,756	2,317
T38						2,126	2,810
Z38						1,941	2,563





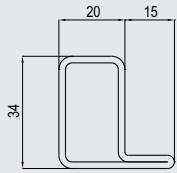
Doors and windows tubes

Profili per serramenti

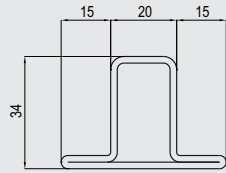


Dimensions <i>Dimensioni</i> mm	Thickness - Spessore mm						
	0,7	0,8	0,9	1	1,2	1,5	2
	Theoretical weight - Peso teorico Kg/m						
L20/34						1,571	2,071
T20/34						1,904	2,514
Z20/34						1,904	2,514
L35/34						1,978	2,613
T35/34						2,237	2,958
Z35/34						2,237	2,958
T40/34						2,348	3,106
L50/34						2,311	3,056
T50/34						2,681	3,549
Z50/34						2,681	3,549
L55/34						2,385	3,155
T55/34						2,755	3,648
Z55/34						2,755	3,648
T20/40						2,015	2,662
L40/40						2,200	2,909
T40/40						2,496	3,303
Z40/40						2,496	3,303
L60/40						2,681	3,549
L40/50						2,570	3,402

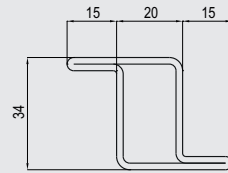
Technical drawing of an L20/34 angle. The drawing shows the L-shaped profile with dimensions: 20 (leg width), 15 (leg width), and 34 (leg height).



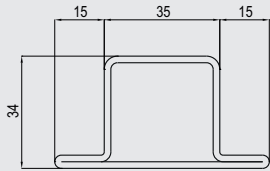
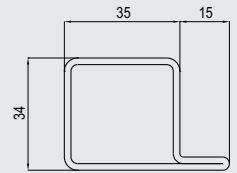
Technical drawing of a stepped profile. The profile consists of three vertical sections of equal height (34) and three horizontal sections of equal width (15). The horizontal sections are connected by rounded corners. The dimensions are labeled as 15, 20, 15, and 34.



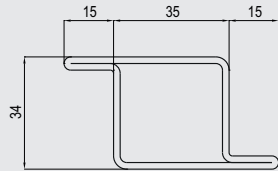
Technical drawing of a Z20/34 profile. The drawing shows a cross-section of the profile with dimensions: 15, 20, 15, and 34.



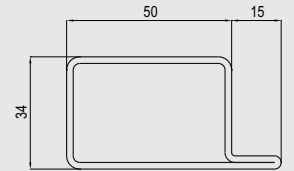
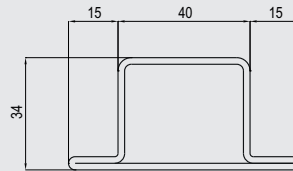
Technical drawing of the L35/34 profile. The drawing shows a cross-section of the profile with dimensions: 35 (width of the flange), 15 (width of the web), and 34 (height of the flange).



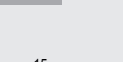
Technical drawing of a Z-shaped profile. The dimensions are: 15 (top left flange width), 35 (top middle web width), 15 (top right flange width), and 34 (height of the profile).



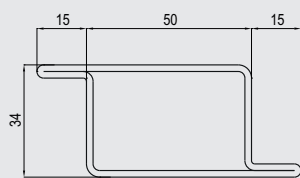
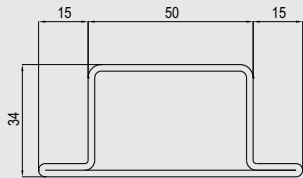
Technical drawing of the T40/34 profile. The drawing shows a cross-section of the profile with the following dimensions: a top flange width of 15, a central web width of 40, a bottom flange width of 15, and a total height of 34.



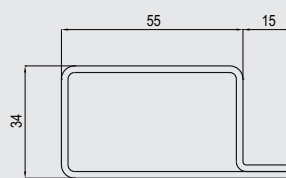
T50/34



Technical drawing of the T50/34 channel profile. The drawing shows a cross-section of the profile with dimensions: a total width of 80 (divided into three sections of 15, 50, and 15) and a height of 34. The profile has a central rectangular opening with rounded corners and a flat top flange.

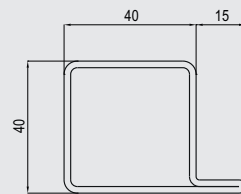
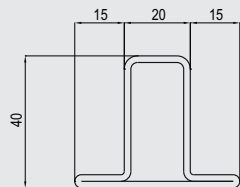
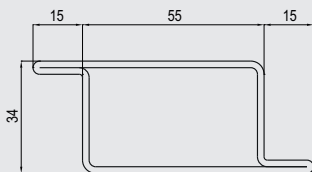
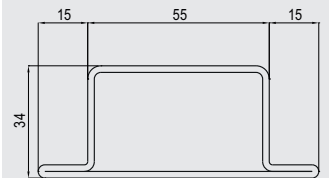


Technical drawing of the L55/34 profile. The drawing shows an L-shaped cross-section with a horizontal leg of width 55 and a vertical leg of width 15. The total height of the profile is 34.

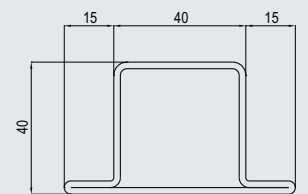


T55/34

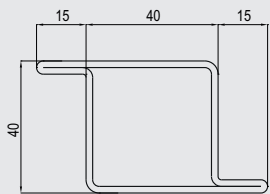
Technical drawing of the T55/34 profile. The drawing shows a cross-section of the profile with the following dimensions: a total width of 85 (15 + 55 + 15) and a height of 34. The profile has a central rectangular opening with a width of 55 and a height of 34. The side flanges are 15 units wide. The top and bottom flanges are 15 units thick. The profile is shown in a perspective view.



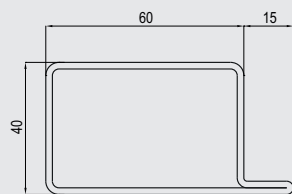
T40/40



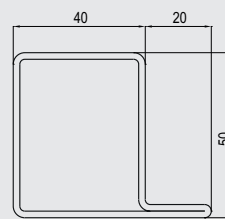
Technical drawing of a Z40/40 profile. The drawing shows a cross-section of the profile with dimensions: 15, 40, 15, and 40.



Technical drawing of the L60/40 profile. The drawing shows the L-shaped cross-section with dimensions: 60 (flange width), 15 (web thickness), and 40 (flange height).



Technical drawing of the L40/50 angle profile. The drawing shows the L-shaped cross-section with dimensions: 40mm for the main leg width, 20mm for the flange width, and 50mm for the height.



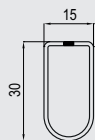


Special sections Profili speciali

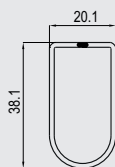


Dimensions <i>Dimensioni</i> mm	Thickness - Spessore mm							
	0,7	0,8	0,9	1	1,2	1,4	1,5	2
	Theoretical weight - Peso teorico Kg/m							
PF2				0,641	0,763	0,883	0,943	1,232
PF6							1,239	1,627
PF14								3,500
PF15					1,473	1,712	1,830	2,416
PF16	0,540	0,615	0,690					
PF18							2,311	3,056
PF20							1,239	1,627
PF21							1,387	1,824
PF26				0,961	1,148	1,332	1,423	1,873
PF32		0,404	0,452	0,500				
PF33		0,418	0,468	0,518				
PF37					0,722	0,835	0,891	1,163
PF38				0,937	1,118	1,298	1,387	1,824
PF40					1,118	1,298	1,387	1,824
PF41					1,159	1,346	1,438	1,893
PF42			0,455	0,503	0,597	0,690	0,736	
PF43					1,662	1,932	2,067	2,731
PF44					0,597	0,690	0,736	0,956
PF45					0,809	0,937	1,000	1,309
PF46					0,992	1,151	1,229	1,615
L60						2,160	2,311	3,056
L80						2,574	2,755	3,648
L80S						2,574	2,755	3,648

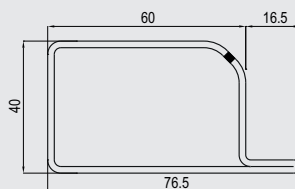
PF2



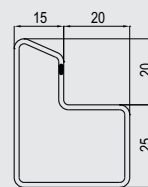
PF6



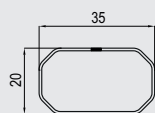
PF14



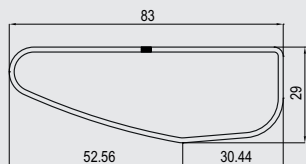
PF15



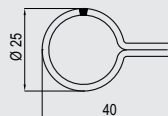
PF16



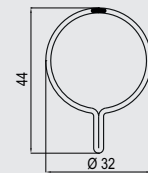
PF18



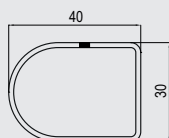
PF20



PF21



PF26



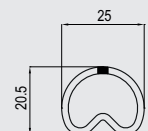
PF32



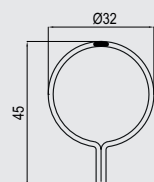
PF33



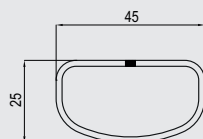
PF37



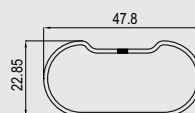
PF38



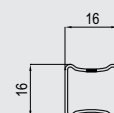
PF40



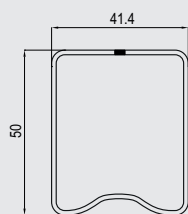
PF41



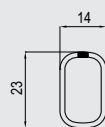
PF42



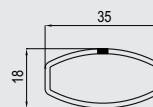
PF43



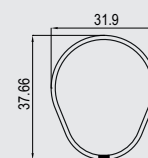
PF44



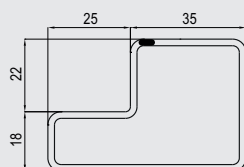
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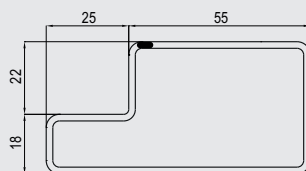
PF46



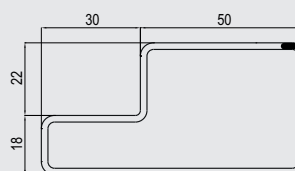
L60



L80



L80S





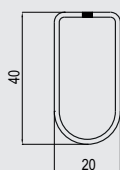
Special sections

Profili speciali

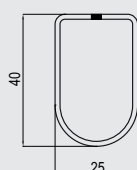


Dimensions <i>Dimensioni</i> mm	Thickness - Spessore mm							
	0,7	0,8	0,9	1	1,2	1,4	1,5	2
	Theoretical weight - Peso teorico Kg/m							
OM35			0,756	0,838	1,000	1,159	1,239	1,627
OM38			0,823	0,912	1,088	1,263	1,350	1,775
ZM30/6			0,805	0,892	1,065	1,235	1,320	1,735
R28			0,524	0,579	0,689	0,797	0,850	1,109
C57					1,710	1,988	2,126	

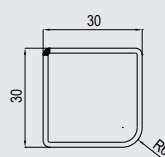
OM35



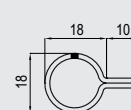
OM38



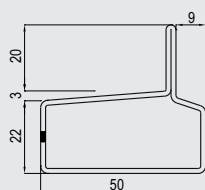
ZM30/6



R28



C57





PORTATA 1.5

MOBILLO

Tipico

Modello 100



TUBI E NASTRI RILAMINATI

OCSA Officine di Crocetta S.p.A.

31035 Crocetta del Montello (TV) Italy

Via delle Industrie, 5

Tel. +39 0423 8221 - Fax +39 0423 839913

www.ocsaspa.com



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