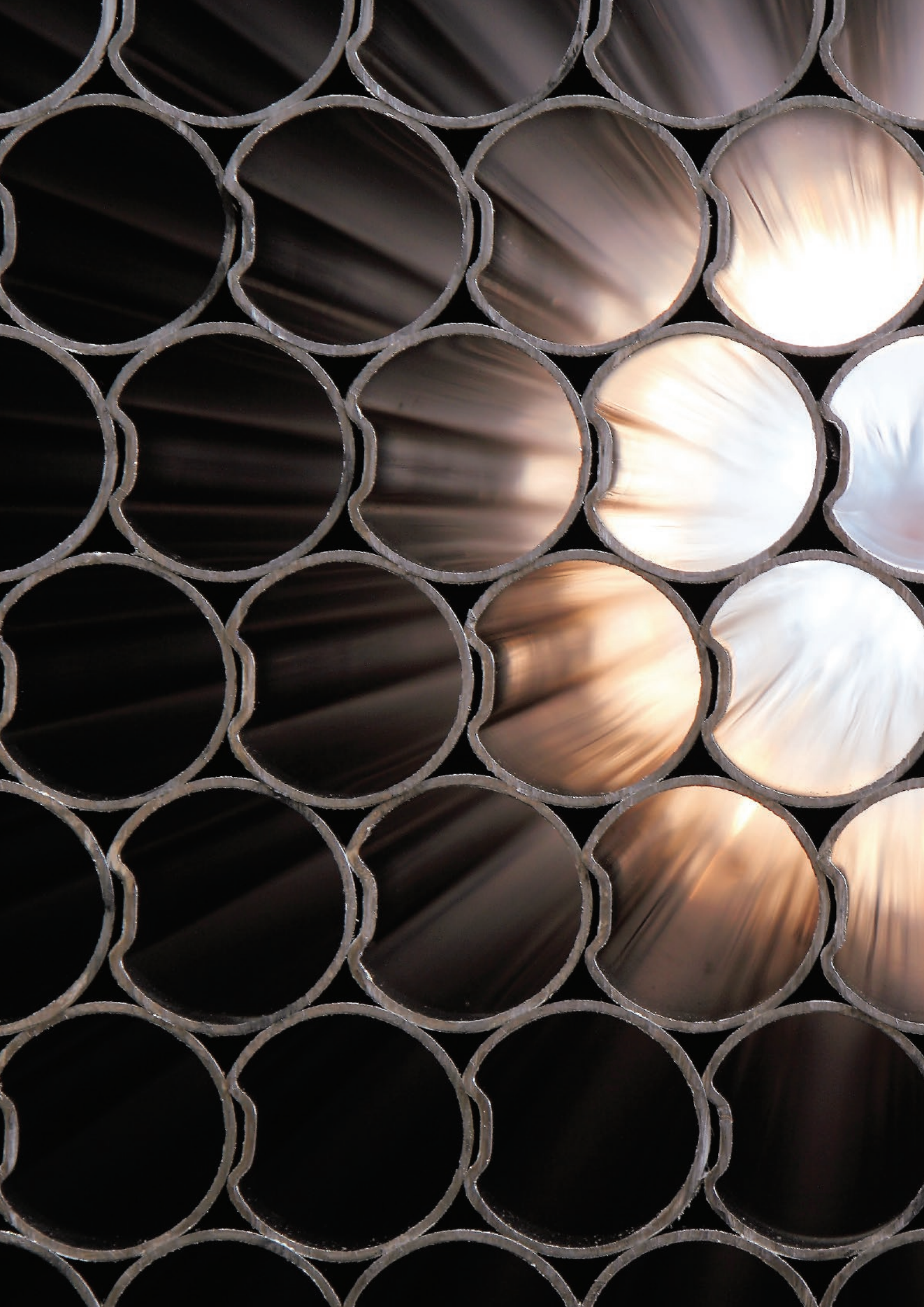




PRECISION SEAM-WELDED ALUMINIUM TUBES

TUBI ELETTROSALDATI IN ALLUMINIO



COMPANY

AZIENDA



Our story began in the early nineties: and in a remarkably short time we have become one of the leading European producers of precision seam-welded aluminium tubes. This is a niche market, in which our customers depend on us for our consistently high quality in production and reliable delivery service.

Today Allu's is well established as an indispensable partner for all major users of precision seam-welded aluminium tubes across Europe, in market sectors where the use of our products is well established as well as in new applications, where the technological benefits of our tubes make them very versatile in technical innovations.

With the strong backing of our shareholders, which provides financial and technological support, Allu's is able to invest in the latest plants and equipment. Combined with this, we source globally from the main raw material suppliers and collaborate in development projects with highly qualified global partners.

As a result we are able to meet the challenges and seize the opportunities presented by our dynamic market.

ALLU'S RESPECTS THE ENVIRONMENT

While providing the best possible service to our customers, we also take a wider view out of respect for the environment.

We use materials from sustainable sources wherever possible and all materials used in our production are 100% recyclable.

From the aluminium tubes we supply to the cardboard, timber, plastic and steel used in protective packing, nothing needs to go to waste. ALLU'S wants to leave a cleaner, healthier world for future generations.

La nostra storia inizia nei primi anni '90: in poco tempo siamo riusciti a diventare uno dei principali produttori europei di tubi elettrosaldati di alluminio, un mercato di nicchia particolarmente esigente in termini di qualità dei prodotti forniti e affidabilità nelle consegne.

Oggi Allu's è un partner imprescindibile per i maggiori utilizzatori di tubi elettrosaldati in alluminio, sia nei tradizionali mercati di sbocco, sia nei nuovi settori di applicazione che si stanno avvicinando a questa tecnologia.

La forza sta nella capacità degli azionisti di Allu's di investire da sempre in impianti all'avanguardia, nella storica cooperazione con i principali fornitori mondiali di materia prima, nel gruppo unito di collaboratori preparati ed appassionati del proprio lavoro: sappiamo affrontare così, con professionalità e consapevolezza, le sfide e le opportunità che il mercato ci pone continuamente di fronte.

ALLU'S RISPETTA L'AMBIENTE

Servendo i nostri clienti, diamo allo stesso tempo un contributo concreto al rispetto dell'ambiente e alla sostenibilità delle risorse.

Tutti i nostri prodotti sono riciclabili al 100%: dall'alluminio dei tubi ai componenti dei nostri imballi (cartone, legno, regge) nulla viene sprecato. ALLU'S vuole lasciare un mondo più pulito alle future generazioni.



PRODUCTION RANGE AND SURFACE FINISH

On the following pages you will find details of our production range, which includes:

- tubes in round, square, rectangular, elliptical and oval profiles
- tubes in bespoke profiles according to customers' drawings
- tubes with wall thickness ranging from 0.4mm up to 2.5mm
- diameter from 6mm up to 80mm

To suit your requirements we can manufacture:

- tubes internally definned (starting from $\varnothing 18\text{mm}$)
- tubes in cut lengths from a minimum of 150mm
- tubes with ends individually brush de-burred
- non-standard profiles according to your drawings
- manipulated tubes (please check with us)

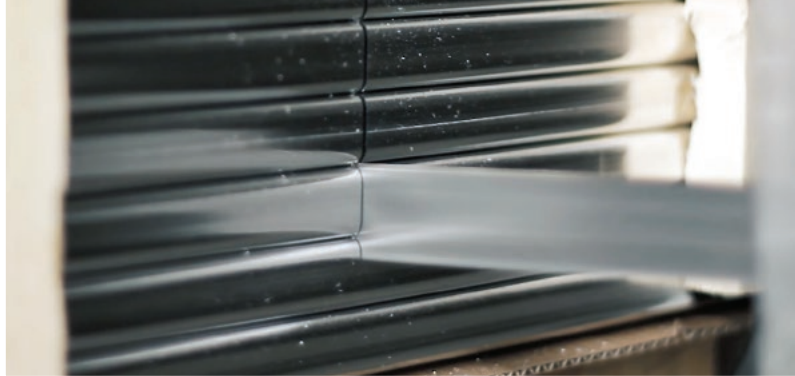
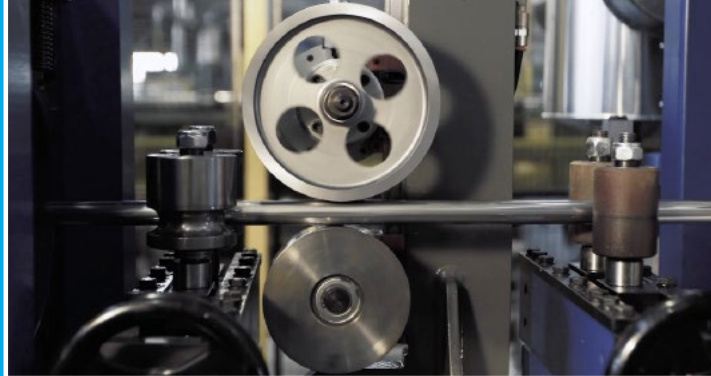
To give a superior decorative appearance to your products we can supply

- tubes manufactured using pre-anodised raw material
- individually anodised tubes

All our tubes are produced in accordance with EN 10204 and we can supply test certification for each delivery as required.

Our sales team are at your disposal and will be happy to answer all your questions and provide information, for example on alloys and tempers which will best suit your manipulation and to develop bespoke profiles, to ensure we supply the best possible tubes for your requirements.





GAMMA PRODUTTIVA E FINITURE SUPERFICIALI

Nelle pagine seguenti viene presentata in dettaglio la nostra gamma produttiva che comprende:

- tubi tondi, rettangolari, quadrati, ellittici e ovali
- tubi a sezione speciale a disegno
- spessori da 0,4mm a 2,5mm
- diametri da 6 a 80mm

A richiesta possiamo produrre:

- tubi scordonati internamente a partire dal $\varnothing 18\text{mm}$
- taglio a misura da un minimo di 150mm di lunghezza
- spazzolatura delle estremità del tubo a singolo pezzo
- profili speciali a disegno
- tubi parzialmente lavorati

Per accrescere i vantaggi dell'alluminio e/o completare il prodotto con una finitura elegante, possiamo fornire:

- tubi prodotti da nastro anodizzato
- tubi anodizzati singolarmente

A richiesta, il materiale viene accompagnato dal certificato di collaudo secondo EN 10204.

Il nostro servizio commerciale è a completa disposizione per ogni consulenza in merito alle leghe e agli stati fisici più adatti alle vostre lavorazioni, così come per verificare la fattibilità di profili speciali.

100% RECYCLABLE





CHEMICAL COMPOSITION AND MECHANICAL PROPERTIES

PROPRIETÀ CHIMICHE E MECCANICHE

ALLOY

LEGA

MECHANICAL PROPERTIES

CARATTERISTICHE MECCANICHE
(EN 1592-2)

CHEMICAL COMPOSITION

COMPOSIZIONE CHIMICA
(EN 573-3)

		Temper Stato	Rm N/mm2	Rp 0,2 N/mm2	A ₅ %	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Others Note
EN AW-3004	EN AW-AL Mn1 Mg1	H125	190	145	8	≤ 0,30	≤ 0,70	≤ 0,25	1,00 ÷ 1,50	0,80 ÷ 1,30		≤ 0,25		
		H145	220	180	6									
		H165	240	200	4									
		H185	250	220	3									
EN AW-3005	EN AW-AL Mn1 Mg0,5	H145	200	175	7	≤ 0,60	≤ 0,70	≤ 0,30	1,00 ÷ 1,50	0,20 ÷ 0,60	≤ 0,10	≤ 0,25	≤ 0,10	
		H165	210	185	5									
		H185	220	195	4									
EN AW-5049	EN AW-AL Mg2 Mn0,8	H125	220	170	10	≤ 0,40	≤ 0,50	≤ 0,10	0,50 ÷ 1,10	1,60 ÷ 2,50	≤ 0,30	≤ 0,20	≤ 0,10	
		H145	235	200	7									
		H165	250	230	5									
		H185	270	250	3									
EN AW-5754	EN AW-AL Mg3	H125	220	170	9	≤ 0,40	≤ 0,40	≤ 0,10	≤ 0,50	2,60 ÷ 3,60	≤ 0,30	≤ 0,20	≤ 0,15	Mn+Cr 0,10 ÷ 0,60
		H165	255	225	4									
EN AW-5083	EN AW-AL Mg4,5 Mn0,7	H185	420	380	4	≤ 0,40	≤ 0,40	≤ 0,10	0,40 ÷ 1,00	4,00 ÷ 4,90	0,05 ÷ 0,25	≤ 0,25	≤ 0,15	
EN AW-5086	EN AW-AL Mg4	H125	270	170	9	≤ 0,40	≤ 0,50	≤ 0,10	0,20 ÷ 0,70	3,50 ÷ 4,50	0,05 ÷ 0,25	≤ 0,25	≤ 0,15	
		H145	300	220	7									
		H165	320	260	5									
		H185	350	320	3									

Allu's production range is not restricted to the above-mentioned alloys, others are available to suit customers' requirements.
For example we can recommend an alloy specially cast for us using recycled aluminium, which has mechanical properties - and therefore workability - almost identical to those of the alloy 5049.

Oltre ai materiali sopra indicati Allu's può produrre tubi anche con altre leghe. In particolare proponiamo una lega appositamente realizzata per noi ed ottenuta da alluminio riciclato con caratteristiche meccaniche e di lavorabilità analoghe a quelle della 5049.



TOLERANCES (EN 1592-3/4)

TOLLERANZE (EN 1592-3/4)

a. Dimensions

Dimensioni

THE DIMENSIONS AND THE TOLERANCES ARE NOT VALID FOR THE FIRST 100 mm OF BOTH TUBE-ENDS

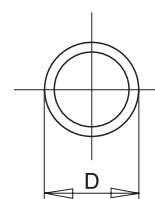
LE DIMENSIONI E LE TOLLERANZE NON SONO VALIDE SUI PRIMI 100 mm DI OGNI ESTREMITÀ

CIRCULAR TUBES - TUBI TONDI

DIMENSION TOLERANCE - TOLLERANZE DIMENSIONALI

$8 < D \leq 15$	$\pm 0,10 \text{ mm}$	} Including ovality Inclusa ovalizzazione
$15 < D \leq 40$	$\pm 0,12 \text{ mm}$	
$40 < D \leq 60$	$\pm 0,15 \text{ mm}$	
$60 < D \leq 80$	$\pm 0,20 \text{ mm}$	

EN 1592-3

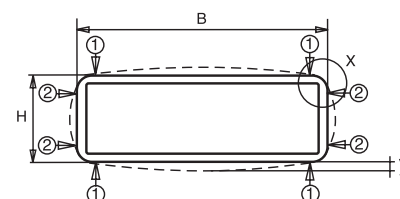


SHAPED TUBES - TUBI FORMA

DIMENSION TOLERANCE - TOLLERANZE DIMENSIONALI

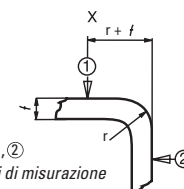
$B \text{ o } H \leq 15$	$= \pm 0,08 \text{ mm}$
$15 < B \text{ o } H \leq 30$	$\pm 0,10 \text{ mm}$
$30 < B \text{ o } H \leq 50$	$\pm 0,12 \text{ mm}$
$50 < B \text{ o } H \leq 70$	$\pm 0,15 \text{ mm}$
$70 < B \text{ o } H$	$\pm 0,20 \text{ mm}$

EN 1592-4



FLATNESS TOLERANCE - TOLLERANZE PLANARITÀ

$B \text{ o } H \leq 15$	$y_{\text{max}} = \pm 0,05 \text{ mm}$
$15 < B \text{ o } H \leq 30$	$\pm 0,10 \text{ mm}$
$30 < B \text{ o } H \leq 50$	$\pm 0,20 \text{ mm}$
$50 < B \text{ o } H \leq 70$	$\pm 0,30 \text{ mm}$
$70 < B \text{ o } H$	$\pm 0,40 \text{ mm}$



KEY - LEGENDA:

Measuring-points - Punti di misurazione

b. Thickness

Spessore

$0,40 \leq t \leq 0,80$	$\pm 0,04 \text{ mm}$
$0,80 < t \leq 1,25$	$\pm 0,05 \text{ mm}$
$1,25 < t \leq 2,00$	$\pm 0,06 \text{ mm}$

c. Length

Lunghezza

MILL LENGHT - TAGLIO IN LINEA

$4000 < L < 8000$ - $0 + 30 \text{ mm}$

CUT LENGHT - TAGLIO A SPEZZONE

$L < 3000$	$\pm 1,0 \text{ mm}$
$3000 \leq L < 7000$	$\pm 2,0 \text{ mm}$
$7000 \leq L$	$\pm 3,0 \text{ mm}$

d. Straightness

Rettilinearità

$L \leq 1000$	$F_{\text{max}} = 1,6 \text{ mm}$
$L > 1000$	$F_{\text{max}} \leq 1,6 \text{ mm} \times L$



Rounds
Tondi



External dimensions
Dimensioni esterne

Thickness mm - Spessore mm

0,4 0,5 0,6 0,7 0,8 0,9 1,0 1,1 1,2 1,3 1,4 1,5 1,6 1,7 1,8 1,9 2,0

D (mm)

Weight g/m - Peso g/m

6	19	23	27	31													
8		32	38	43	49	54	59										
10		40	48	55	62	69	76										
12		49	58	67	76	85	93										
12,7		52	62	71	81	90	99	108	117	126	134	143					
13		53	63	73	83	92	102	111	120	129	138	146					
13,8		56	67	78	88	98	109	118	128	138	147	156					
14		57	68	79	90	100	110	120	130	140	150	159					
15		61	73	85	96	108	119	130	140	151	162	172					
16		66	78	91	103	115	127	139	151	162	173	184	195	206	217	227	238
17		70	83	97	110	123	136	148	161	173	185	197	209	221	232	243	254
17,2		71	84	98	111	124	137	150	163	175	188	200	212	224	235	247	258
17,75		73	87	101	115	129	142	155	168	181	194	207	219	231	244	255	267
18		74	89	103	117	131	144	158	171	184	197	210	223	235	247	259	271
18,25		75	90	104	118	132	146	160	174	187	200	213	226	239	251	264	276
18,8		78	93	107	122	137	151	165	179	193	207	220	233	247	260	272	285
19		78	94	109	124	138	153	167	181	195	209	223	236	249	263	276	288
19,8		82	98	113	129	144	159	174	189	204	219	233	247	261	275	288	302
20		83	99	115	130	146	161	176	191	206	221	235	250	264	278	292	305
21			104	121	137	153	170	186	202	217	233	248	263	278	293	308	322
21,25			105	122	139	155	172	188	204	220	236	251	267	282	297	312	327
22			109	126	144	161	178	195	212	228	245	261	277	293	308	324	339
22,2			110	128	145	163	180	197	214	230	247	263	280	296	311	327	343
22,5			111	129	147	165	182	200	217	234	251	267	284	300	316	332	348
23			114	132	151	169	187	204	222	239	257	274	290	307	324	340	356
23,5			117	135	154	173	191	209	227	245	262	280	297	314	331	348	365
24			119	138	157	176	195	214	232	250	268	286	304	322	339	356	373
24,7			123	143	162	182	201	220	239	258	277	295	314	332	350	367	385
25			124	144	164	184	204	223	242	261	280	299	318	336	354	372	390
25,4				147	167	187	207	227	246	266	285	304	323	342	360	379	397
26				150	171	192	212	232	252	272	292	312	331	350	369	388	407
27				156	178	199	221	242	263	283	304	324	345	365	385	405	424
28				162	185	207	229	251	273	294	316	337	358	379	400	421	441

Weights (g/m) are calculated assuming specific gravity to be equal to 2.7 and are indicative only.
I pesi (g/m) sono calcolati per un peso specifico di 2,7 e sono indicati a titolo informativo.



Rounds
Tondi



External dimensions
Dimensioni esterne

Thickness mm - Spessore mm

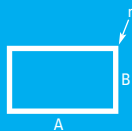
0,4 0,5 0,6 0,7 0,8 0,9 1,0 1,1 1,2 1,3 1,4 1,5 1,6 1,7 1,8 1,9 2,0

D (mm)

Weight g/m - Peso g/m

30				174	198	222	246	270	293	316	340	363	385	408	431	453	475
31				180	205	230	254	279	303	328	352	375	399	423	446	469	492
31,65				184	209	235	260	285	310	335	359	384	408	432	456	479	503
31,8				185	210	236	261	286	311	336	361	386	410	434	458	482	506
32					212	237	263	288	314	339	363	388	413	437	461	485	509
33					219	245	271	298	324	350	375	401	426	451	476	501	526
33,55					222	249	276	303	329	356	382	408	434	459	485	510	535
34					225	253	280	307	334	361	387	414	440	466	492	517	543
35					232	260	288	316	344	372	399	426	453	480	507	533	560
35,5					235	264	293	321	349	377	405	433	460	487	515	542	568
36					239	268	297	326	354	383	411	439	467	495	522	550	577
37,7					250	281	311	341	372	401	431	461	490	519	548	577	606
38					252	283	314	344	375	405	435	464	494	523	553	582	611
40					266	298	331	363	395	427	458	490	521	552	583	614	645
42						314	348	382	415	449	482	515	548	581	614	646	679
44							365	400	436	471	506	541	575	610	644	678	713
45							373	410	446	482	518	553	589	624	660	695	729
48							399	438	476	515	553	592	630	668	705	743	780
50							416	456	497	537	577	617	657	696	736	775	814
50,8							422	464	505	546	587	627	668	708	748	788	828
52									517	559	601	643	684	725	766	807	848
55									548	592	637	681	725	769	812	856	899
56									558	603	648	693	738	783	828	872	916
57									568	614	660	706	752	797	843	888	933
60									599	647	696	744	793	841	889	936	984
64									639	691	743	795	847	898	950	1001	1052
68									680	736	791	846	901	956	1011	1065	1120
70									700	758	815	872	928	985	1041	1098	1154
72									721	780	838	897	955	1014	1072	1130	1188
80									802	868	933	999	1064	1129	1194	1259	1323

Weights (g/m) are calculated assuming specific gravity to be equal to 2.7 and are indicative only.
I pesi (g/m) sono calcolati per un peso specifico di 2,7 e sono indicati a titolo informativo.



Rectangulars Rettangoli



External dimensions Dimensioni esterne

Thickness mm - Spessore mm

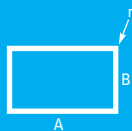
0,65 0,7 0,8 0,9 1,0 1,1 1,2 1,25 1,3 1,4 1,5 1,6 1,7 1,8 1,9 2,0

AxB (mm)

r (mm)

Weight g/m - Peso g/m

15 x 10	r. 2	79	85	96	108	119	130	140	146	151	162	172					
18 x 12	r. 1,5	101	109	124	138	153	167	181	188	195	209	223	236	249	263	276	288
18,3 x 12,3	r. 1,5	101	109	124	138	153	167	181	188	195	209	223	236	249	263	276	288
20 x 10	r. 1,5	101	109	124	138	153	167	181	188	195	209	223	236	249	263	276	288
20 x 15	r. 1,5	118	126	144	161	178	195	212	220	228	245	261	277	293	308	324	339
25 x 10	r. 2	118	126	144	161	178	195	212	220	228	245	261	277	293	308	324	339
25 x 12	r. 1,5	123	132	151	169	187	204	222	231	239	257	274	290	307	324	340	356
25 x 15	r. 1,5	134	144	164	184	204	223	242	252	261	280	299	318	336	354	372	390
24 x 18	r. 2,5	136	147	167	187	207	227	246	256	266	285	304	323	342	360	379	397
29 x 18	r. 3		162	185	207	229	251	273	284	294	316	337	358	379	400	421	441
32 x 15	r. 4		162	185	207	229	251	273	284	294	316	337	358	379	400	421	441
30 x 15	r. 1,5		162	185	207	229	251	273	284	294	316	337	358	379	400	421	441
30 x 20	r. 3,5		174	198	222	246	270	293	305	316	340	363	385	408	431	453	475
30 x 22,57	r. 6		174	198	222	246	270	293	305	316	340	363	385	408	431	453	475
33 x 20	r. 4,5			205	230	254	279	303	315	328	352	375	399	423	446	469	492
36 x 18	r. 4,5			212	237	263	288	314	326	339	363	388	413	437	461	485	509
33 x 20	r. 3,5			212	237	263	288	314	326	339	363	388	413	437	461	485	509
33 x 20	r. 3			219	245	271	298	324	337	350	375	401	426	451	476	501	526
33 x 20	r. 2			225	253	280	307	334	347	361	387	414	440	466	492	517	543
35 x 20	r. 3,5			219	245	271	298	324	337	350	375	401	426	451	476	501	526
35 x 20	r. 2			225	253	280	307	334	347	361	387	414	440	466	492	517	543
35 x 24	r. 4			239	268	297	326	354	368	383	411	439	467	495	522	550	577
40 x 20	r. 4			239	268	297	326	354	368	383	411	439	467	495	522	550	577
40 x 20	r. 3			246	276	305	335	364	379	394	423	452	480	509	537	566	594
40 x 22	r. 4,5			246	276	305	335	364	379	394	423	452	480	509	537	566	594
40 x 22,5	r. 6			246	276	305	335	364	379	394	423	452	480	509	537	566	594
40 x 25	r. 3			266	298	331	363	395	411	427	458	490	521	552	583	614	645
40 x 30	r. 3			286	321	356	391	425	443	460	494	528	562	596	629	662	696
43 x 20	r. 4,5			252	283	314	344	375	390	405	435	464	494	523	553	582	611
43 x 20	r. 3			266	298	331	363	395	411	427	458	490	521	552	583	614	645
45 x 20	r. 3			266	298	331	363	395	411	427	458	490	521	552	583	614	645
45 x 22	r. 2,5			280	314	348	382	415	432	449	482	515	548	581	614	646	679
45 x 30	r. 4,5			300	337	373	410	446	464	482	518	553	589	624	660	695	729



Rectangulars Rettangoli



External dimensions Dimensioni esterne

Thickness mm - Spessore mm

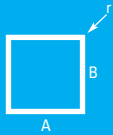
0,65 0,7 0,8 0,9 1,0 1,1 1,2 1,25 1,3 1,4 1,5 1,6 1,7 1,8 1,9 2,0

AxB (mm)

r (mm)

Weight g/m - Peso g/m

46 x 20	r. 3,5	266	298	331	363	395	411	427	458	490	521	552	583	614	645
46 x 22	r. 3	286	321	356	391	425	443	460	494	528	562	596	629	662	696
46 x 22	r. 6,5	266	298	331	363	395	411	427	458	490	521	552	583	614	645
47,6 x 21,6	r. 5	314	348	382	415	432	449	482	515	548	581	614	646	679	
50 x 20	r. 3,5	321	356	391	425	443	460	494	528	562	596	629	662	696	
50 x 20	r. 5	314	348	382	415	432	449	482	515	548	581	614	646	679	
50 x 22	r. 2,5	373	410	446	464	482	518	553	589	624	660	695	729		
50 x 25	r. 3	382	419	456	474	493	530	566	603	639	675	711	746		
50,3 x 20,5	r. 4	356	391	425	443	460	494	528	562	596	629	662	696		
50 x 30	r. 2	416	456	497	517	537	577	617	657	696	736	775	814		
56 x 20	r. 2,5	399	438	476	496	515	553	592	630	668	705	743	780		
58 x 25	r. 2,5	433	475	517	538	559	601	643	684	725	766	807	848		
60 x 20	r. 2	416	456	497	517	537	577	617	657	696	736	775	814		
60 x 24	r. 5	424	466	507	527	548	589	630	670	711	751	791	831		
60 x 25	r. 3,5	441	484	527	549	570	613	655	698	740	782	824	865		
60 x 30	r. 4,5	458	503	548	507	592	637	681	725	769	812	856	899		
61,5 x 20	r. 4	416	456	497	517	537	577	617	657	696	736	775	814		
61,7 x 24,7	r. 4	441	484	527	549	570	613	655	698	740	782	824	865		
64 x 25	r. 3,5	548	570	592	637	681	725	769	812	856	899				
64 x 25	r. 2,5	558	581	603	648	693	738	783	828	872	916				
66 x 22	r. 2,5	548	570	592	637	681	725	769	812	856	899				
67,7 x 24,7	r. 4	568	591	614	660	706	752	797	843	888	933				
71,5 x 20	r. 2,5	568	591	614	660	706	752	797	843	888	933				
73 x 25	r. 4,5	599	623	647	696	744	793	841	889	936	984				
77 x 25	r. 3,5	629	655	680	732	782	833	884	934	985	1035				
82 x 20	r. 4	629	655	680	732	782	833	884	934	985	1035				
84 x 25	r. 2,5	680	708	736	791	846	901	956	1011	1065	1120				



Squares Quadri



External dimensions Dimensioni esterne

Thickness mm - Spessore mm

0,7 0,8 0,9 1,0 1,1 1,2 1,3 1,4 1,5 1,6 1,7 1,75 1,8 1,9 2,0

AxB (mm)

r (mm)

Weight g/m - Peso g/m

10 x 10	r. 1,5	67	76	85	93	102	110	118	126	134						
12 x 12	r. 1	85	96	108	119	130	140	151	162	172						
12,3 x 12,3	r. 1,5	85	96	108	119	130	140	151	162	172						
14 x 14	r. 1,5	103	117	131	144	158	171	184	197	210	223	235	241	247	259	271
15 x 15	r. 1,5	109	124	138	153	167	181	195	209	223	236	249	256	263	276	288
16 x 16	r. 2,5	115	130	146	161	176	191	206	221	235	250	264	271	278	292	305
16,5 x 16,5	r. 1,5	121	137	153	170	186	202	217	233	248	263	278	286	293	308	322
18 x 18	r. 2	126	144	161	178	195	212	228	245	261	277	293	301	308	324	339
20 x 20	r. 1,5	144	164	184	204	223	242	261	280	299	318	336	345	354	372	390
22 x 22	r. 2,5	162	185	207	229	251	273	294	316	337	358	379	390	400	421	441
25 x 25	r. 3,5	174	198	222	246	270	293	316	340	363	385	408	419	431	453	475
30 x 30	r. 3		246	276	305	335	364	394	423	452	480	509	523	537	566	594
30 x 30	r. 4		239	268	297	326	354	383	411	439	467	495	508	522	550	577
40 x 40	r. 2				416	456	497	537	577	617	657	696	716	736	775	814



Half ovals Semiovali



External dimensions Dimensioni esterne

Thickness mm - Spessore mm

0,7 0,8 0,9 1,0 1,1 1,2 1,3 1,4 1,5 1,6 1,7 1,75 1,8 1,9 2,0

AxB (mm)

Weight g/m - Peso g/m

21,7 x 19	132	151	169	187	204	222	239	257	274	290	307	315	324	340	356
50 x 25	257	293	329	365	400	436	471	506	541	575	610	627	644	678	713



Ellipticals Ellittici



External dimensions Dimensioni esterne

Thickness mm - Spessore mm

0,7 0,8 0,9 1,0 1,2 1,5 1,8 2,0 2,5

AxB (mm)

Weight g/m - Peso g/m

26 x 18	126	144	161	178	212	261	308	339	414
28 x 20	144	164	184	204	242	299	354	390	477
34,4 x 19,5	162	185	207	229	273	337	400	441	541
33 x 26	174	198	222	246	293	363	431	475	583
37 x 22,1	180	205	230	254	303	375	446	492	604
40 x 20	186	212	237	263	314	388	461	509	626
37 x 28	192	219	245	271	324	401	476	526	647
40 x 26	198	225	253	280	334	414	492	543	668



Ovals Ovali



External dimensions Dimensioni esterne

Thickness mm - Spessore mm

0,65 0,7 0,8 0,9 1,0 1,1 1,2 1,3 1,4 1,5 1,6 1,7 1,75 1,8 1,9 2,0

AxB (mm)

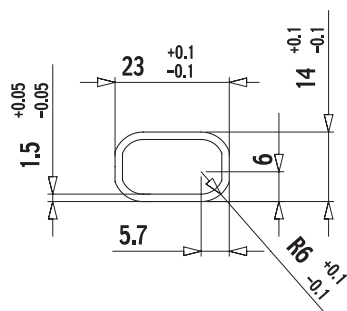
Weight g/m - Peso g/m

18,4 x 9	85	96	108	119	130	140	151	162	172	182	192	197	202	211	221
20 x 15	96	103	117	131	144	158	171	184	197	210	223	235	241	247	259
23 x 14	112	121	137	153	170	186	202	217	233	248	263	278	286	293	308
27,6 x 12,6	118	126	144	161	178	195	212	228	245	261	277	293	301	308	324
30 x 15	134	144	164	184	204	223	242	261	280	299	318	336	345	354	372
33 x 20	151	162	185	207	229	251	273	294	316	337	358	379	390	400	421
35 x 20	162	174	198	222	246	270	293	316	340	363	385	408	419	431	453
36 x 18	162	174	198	222	246	270	293	316	340	363	385	408	419	431	453
40 x 12,1	162	174	198	222	246	270	293	316	340	363	385	408	419	431	453
40 x 20	178	192	219	245	271	298	324	350	375	401	426	451	464	476	501
50 x 10	195	210	239	268	297	326	354	383	411	439	467	495	508	522	550
45 x 25	206	221	252	283	314	344	375	405	435	464	494	523	538	553	582
48 x 19,8	206	221	252	283	314	344	375	405	435	464	494	523	538	553	582
54 x 10,15	206	221	252	283	314	344	375	405	435	464	494	523	538	553	582
48 x 25	217	233	266	298	331	363	395	427	458	490	521	552	568	583	614

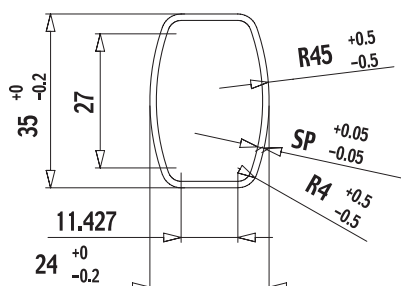
Weights (g/m) are calculated assuming specific gravity to be equal to 2.7 and are indicative only.
I pesi (g/m) sono calcolati per un peso specifico di 2,7 e sono indicati a titolo informativo.



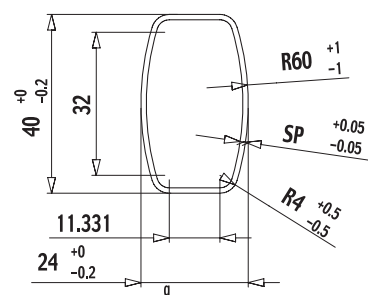
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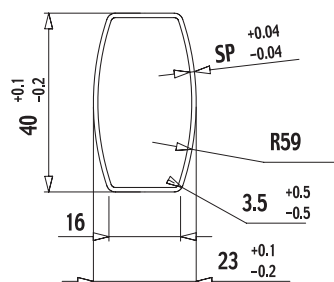
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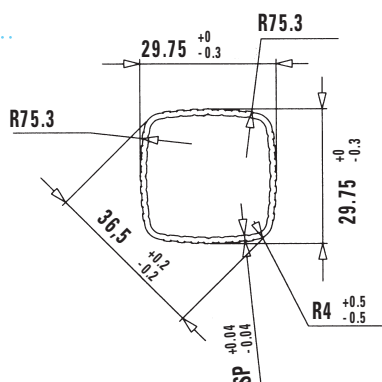
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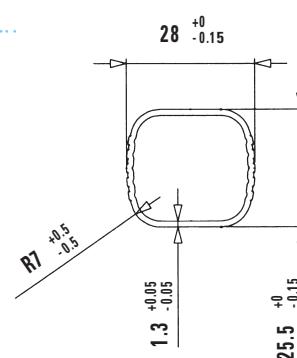
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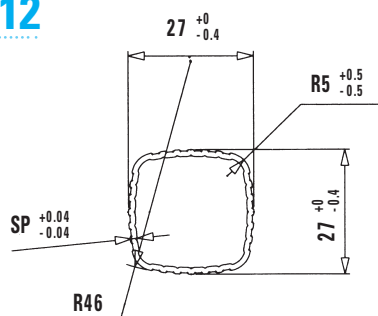
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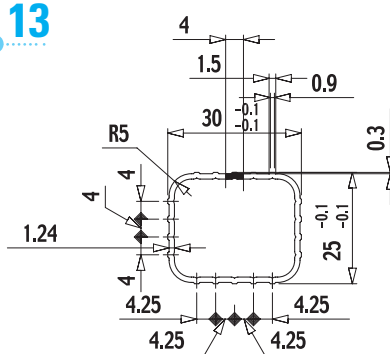
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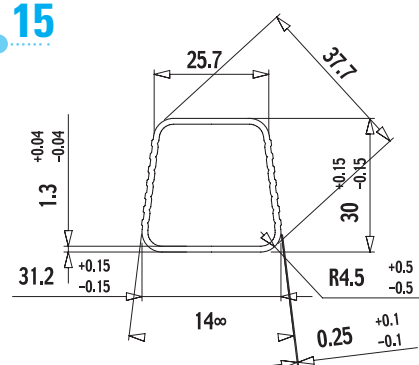
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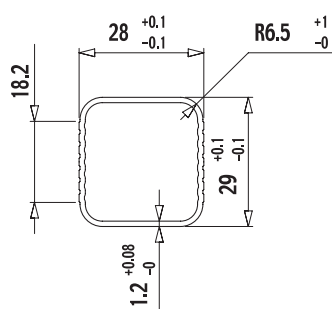
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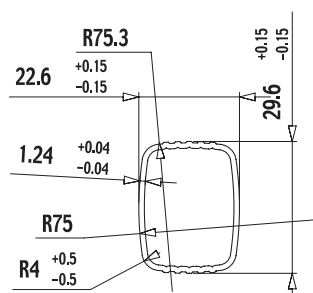
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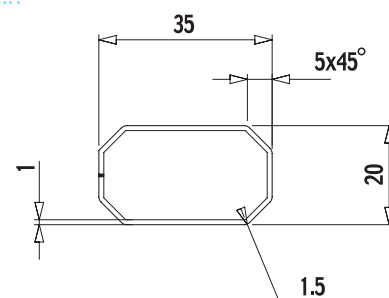
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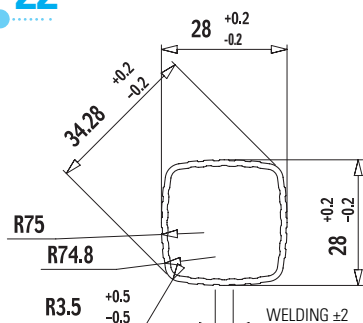


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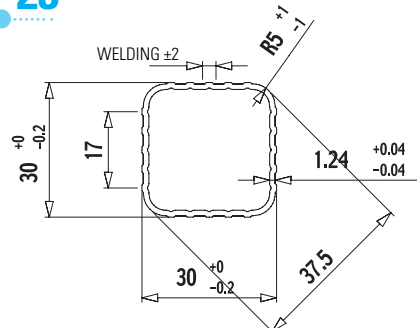




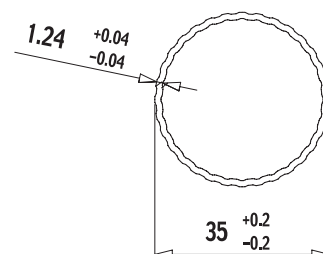
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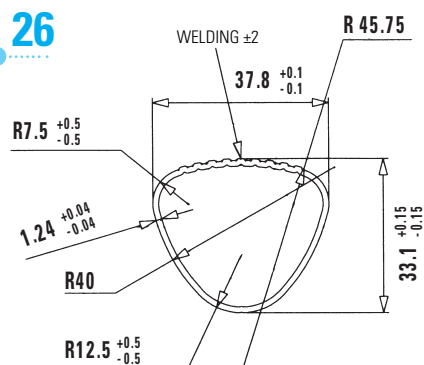
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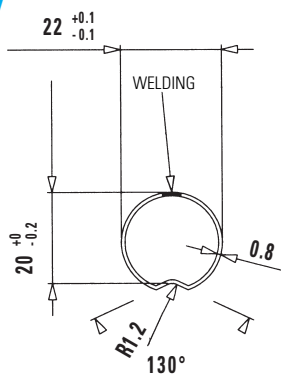
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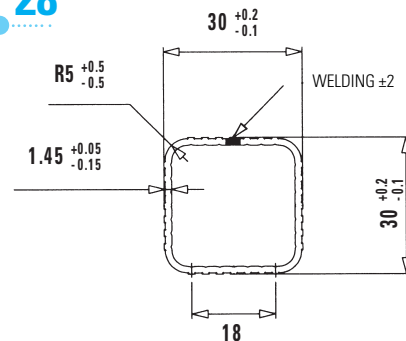
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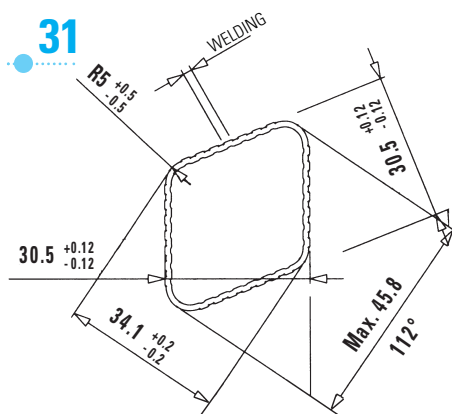
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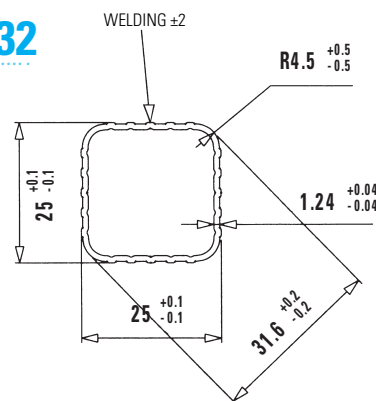
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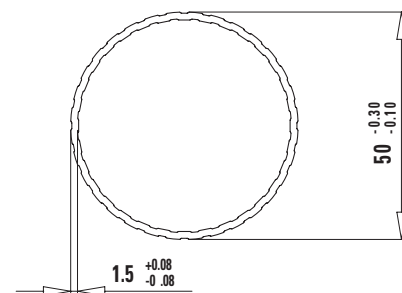
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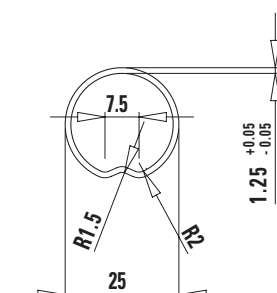
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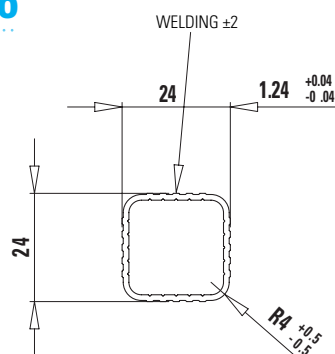
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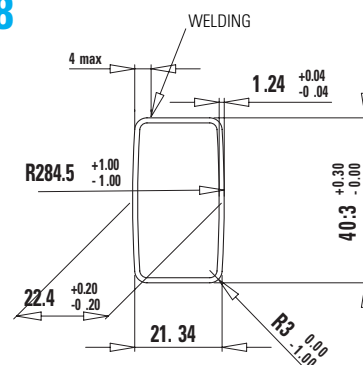
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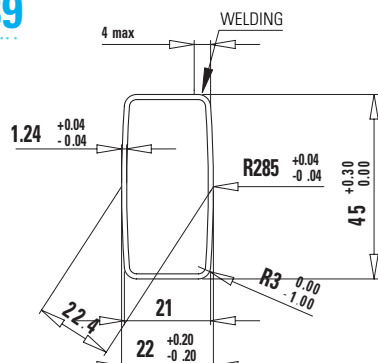


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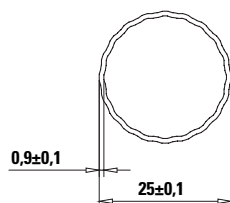




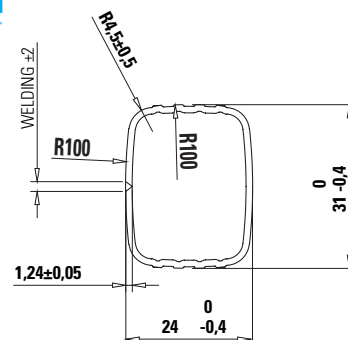
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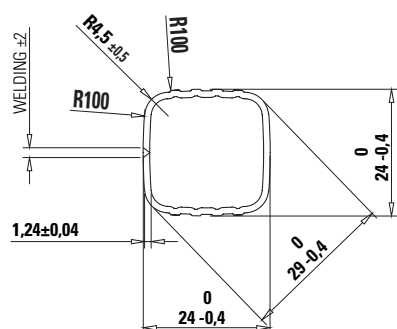
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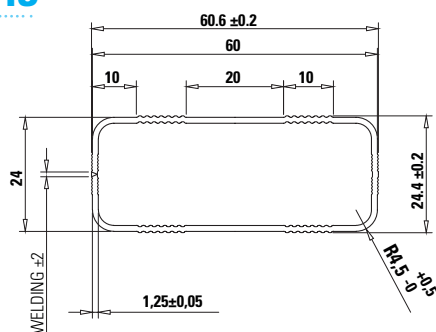
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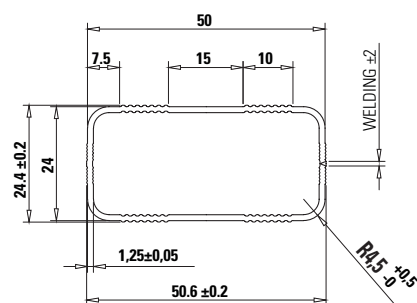
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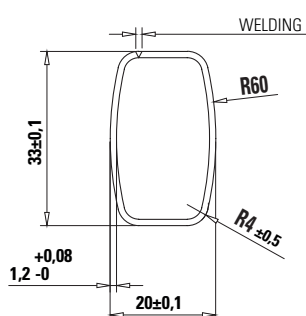
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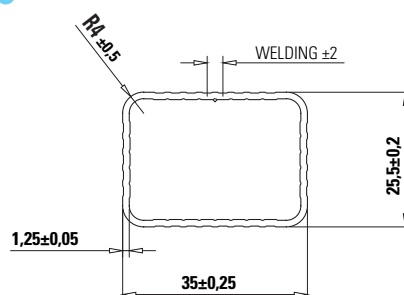
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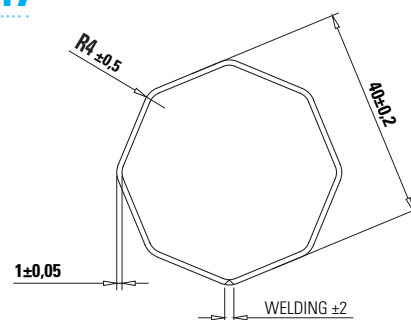
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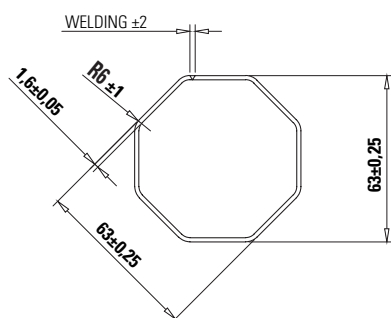
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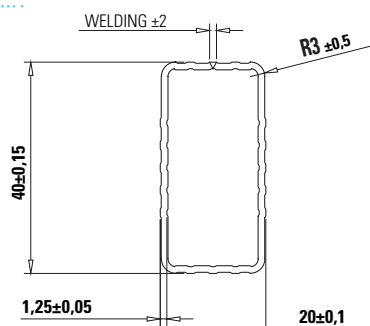
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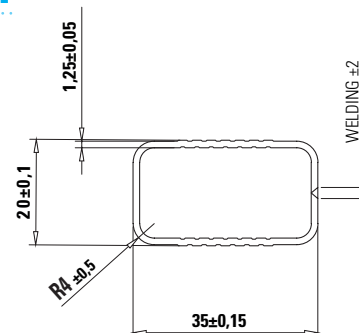
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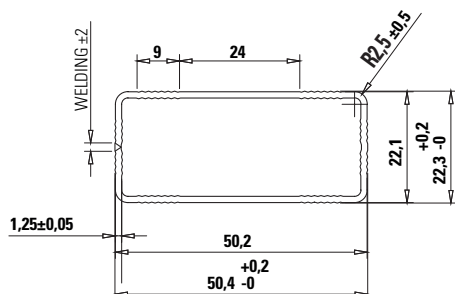


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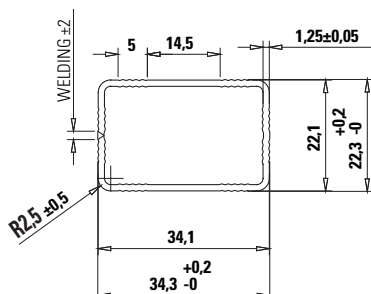




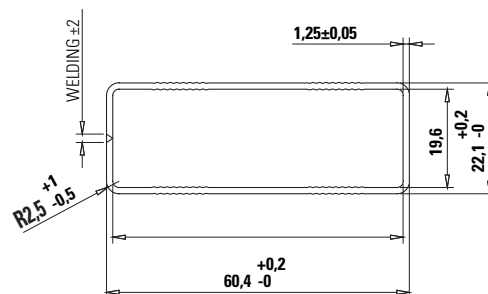
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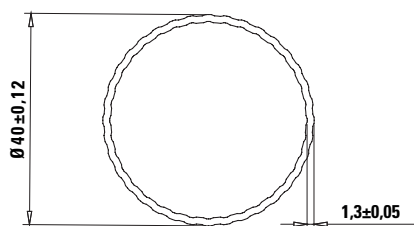
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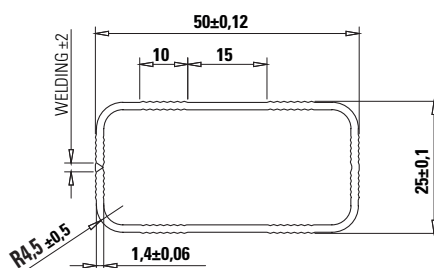
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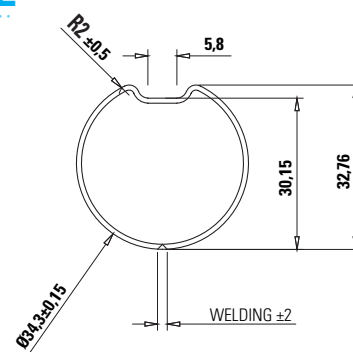
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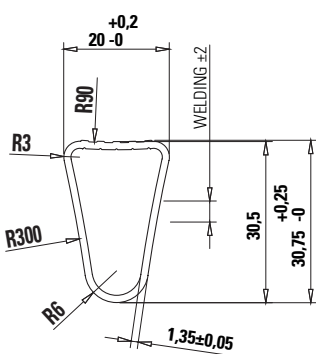
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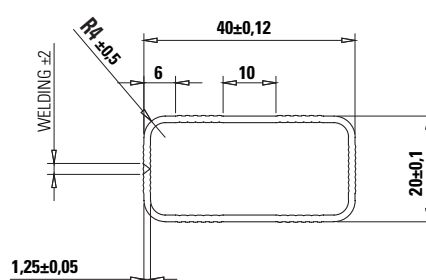
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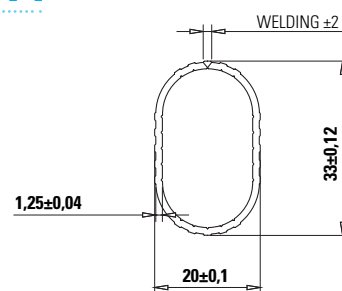
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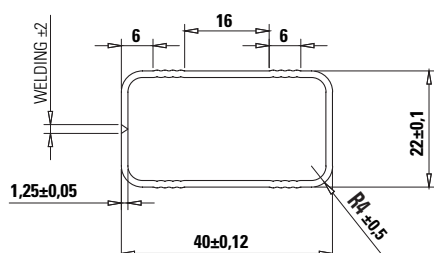
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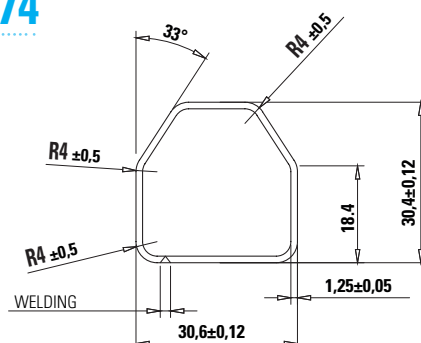
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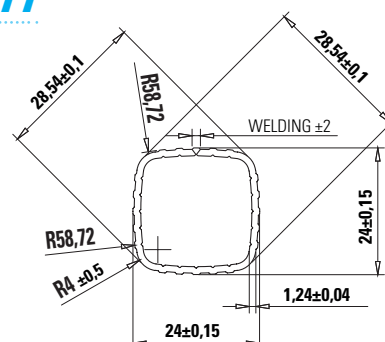
73



74



77





MARKETS

You can will find Allu's tubes in many day-to-day situations.

Anybody who works in the building industry, enjoys DIY or simply needs a step-ladder around the house, has likely bought a ladder, step-ladder or other access equipment which may be manufactured using our tubes, to guarantee his safety and convenience.

People who enjoy gardening or are professional gardeners have probably used various tools which may be manufactured using our tubes, for example lawn edge trimmers, shears, hedge trimmers, tree loppers, chain saws, hose reels, watering systems and many others. Everybody likes to relax in front of the television.

Satellite dishes and aerials, built with our tubes as central components, enable us to watch our favourite programmes. Lovers of the open air will need our tubes for many activities, from aluminium framed chairs and beds for sun-bathing to beach umbrellas for some shade.

Sportsmen are spoilt for choice with products including ski poles, canoe and kayak paddles, bicycle handlebars and bicycle carriers mounted on cars.

Allu's maintains high quality standards in production which is particularly relevant for orthopaedic aids. Manufacturers of wheelchairs, crutches and walking frames, for example, can be confident that our tubes will meet the exacting standards essential to this industry.

Here are a few typical applications for our tubes, to illustrate their versatility:

clothes horses and drying racks, camera tripods, lighting frames and gantries, vacuum cleaners and brushes, baby strollers, baby carriers and push-chairs, children's toys, shower rails, greenhouses, greenhouse racking, cold frames, poly tunnels and other agricultural equipment.

SETTORI

I tubi Allu's vengono utilizzati quotidianamente in molte occasioni.

Chi si occupa di edilizia, o ha l'hobby del fai da te, per lavorare in massima sicurezza avrà probabilmente acquistato una scala o un trabattello realizzato con i nostri prodotti. Per chi ha la passione del giardinaggio, o per i professionisti del settore, moltissimi decespugliatori, sistemi di irrigazione, forbici per potare le siepi vengono realizzati grazie ai tubi Allu's.

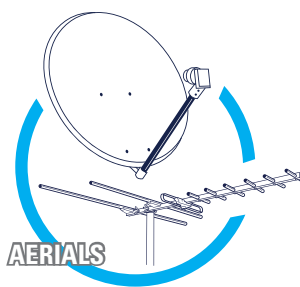
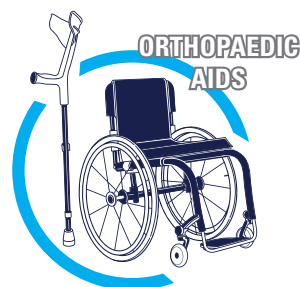
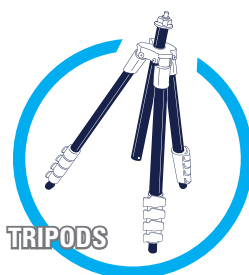
Gli amanti della vita all'aria aperta utilizzano i nostri prodotti praticando sports (bastoncini da sci, pagaie, portabici da camper o auto, manubri per biciclette) oppure più tranquillamente sotto un ombrellone o prendendo il sole sulle sedie a sdraio in alluminio.

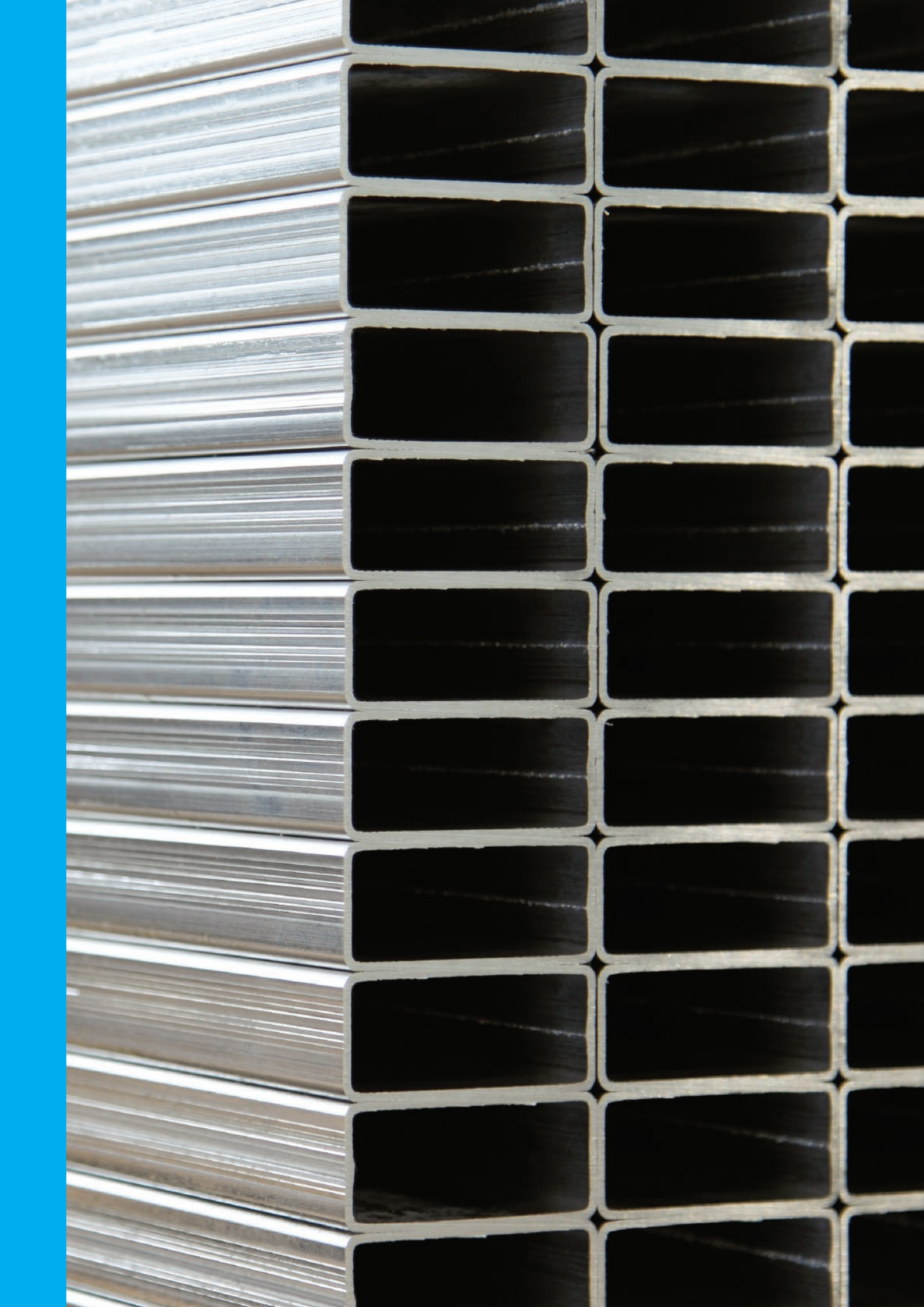
Rilassarsi davanti alla tv è piacevole e divertente: le antenne in alluminio prodotte con i tubi Allu's permettono a tutti di vedere i programmi preferiti.

Allu's cura con particolare attenzione la realizzazione di tubi per ausili medicali ed ortopedici, dove i requisiti di sicurezza sono estremamente importanti: i produttori di stampelle, carrozzine, deambulatori e sedie medicali sanno di poter contare sui nostri prodotti per i loro elevati standard qualitativi.

Infine qualche ulteriore esempio di utilizzo dei tubi Allu's, che si possono trovare anche in molti altri prodotti:

stendibiancheria, treppiedi per attrezzature fotografiche, strutture per l'illuminazione fotografica e video, scope ed aspirapolveri, carrozzine e passeggini per bambini, giocattoli per l'infanzia, sostegni per le docce, serre ed altri prodotti per l'agricoltura, scambiatori di calore ed altri prodotti per il trattamento dell'aria.







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GRUPPO
gabrielli

STEEL SERVICE NETWORK