

**Chemical Compositions % (According to EN 573-3)**

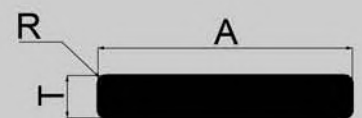
Alloys EN-AW		Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Other	Al
1050A	Min.	-	-	-	-	-	-	-	-	-	99.50
	Max.	0.25	0.40	0.05	0.05	0.05	-	0.07	0.05	-	-
6060	Min.	0.30	0.10	-	-	0.35	-	-	-	0.15	Rest
	Max.	0.60	0.30	0.10	0.10	0.60	0.05	0.15	0.10	-	-
6063	Min.	0.20	-	-	-	0.45	-	-	-	0.15	Rest
	Max.	0.60	0.35	0.10	0.10	0.90	0.10	0.10	0.10	-	-
6005	Min.	0.60	-	-	-	0.40	-	-	-	0.15	Rest
	Max.	0.90	0.35	0.10	0.10	0.60	0.10	0.10	0.10	-	-
6005A	Min.	0.50	-	-	-	0.40	-	-	-	0.15	Rest
	Max.	0.90	0.35	0.30	0.50	0.70	0.30	0.20	0.10	-	-
6082	Min.	0.70	-	-	0.40	0.60	-	-	-	0.15	Rest
	Max.	1.30	0.50	0.10	1.00	1.20	0.25	0.20	0.10	-	-

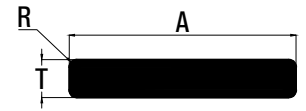
## Mechanical Properties (According to EN 755-2)

Alloys EN-AW	Temper	Wall Thickness (t mm)	Tensile Strength Rm Mpa Min	Proof stress Rp 0.2 Mpa Min	Elongation		Typischer Wert HBW
					A % Min	A <sub>50mm</sub> Min	
1050A	F	All	60	20	25	23	20
6060	T4	$t \leq 25$	120	60	16	14	50
	T5	$t \leq 5$	160	120	8	6	60
		$5 < t \leq 25$	140	100	8	6	60
	T6	$t \leq 5$	190	150	8	6	70
		$5 < t \leq 25$	170	140	8	6	70
	T66	$t \leq 5$	215	160	8	6	75
$5 < t \leq 25$		195	150	8	6	75	
6063	T4	$t \leq 25$	130	65	14	12	50
	T5	$t \leq 10$	175	130	8	6	65
		$10 < t \leq 25$	160	110	7	5	65
	T6	$t \leq 10$	215	170	8	6	75
		$10 < t \leq 25$	195	160	8	6	75
	T66	$t \leq 10$	245	200	8	6	80
$10 < t \leq 25$		225	180	8	6	80	
6005/6005A	T4 <sub>flat</sub>	$t \leq 25$	180	90	15	13	50
	T6 <sub>flat</sub>	$t \leq 5$	270	225	8	6	90
		$5 < t \leq 10$	260	215	8	6	85
		$10 < t \leq 25$	250	200	8	6	85
	T4 <sub>hollow</sub>	$t \leq 10$	180	90	15	13	50
	T6 <sub>hollow</sub>	$t \leq 5$	255	215	8	6	85
$5 < t \leq 15$		250	200	8	6	85	
6082	T4	$t \leq 25$	205	110	14	12	70
	T5	$t \leq 5$	270	130	8	6	90
	T6	$t \leq 5$	290	250	8	6	95
		$5 < t \leq 25$	310	260	10	8	95



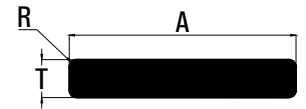
## FLAT BARS





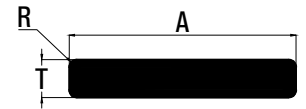
PROFILE NUMBER	WEIGHT (kg/m)	A (mm)	T (mm)	R (mm)	PROFILE NUMBER	WEIGHT (kg/m)	A (mm)	T (mm)	R (mm)
201702	0.243	15	6	-	202401	0.648	20	12	-
201701	0.324	15	8	-	202501	0.810	20	15	-
* 201901	0.194	18	4	-	202611	0.203	25	3	-
202101	0.162	20	3	-	202601	0.200	25	3	1
202102	0.216	20	4	-	202602	0.270	25	4	-
202103	0.270	20	5	-	202603	0.338	25	5	-
202104	0.324	20	6	-	202604	0.405	25	6	-
* 202201	0.378	20	7	-	202701	0.608	25	9	-
202202	0.432	20	8	-	202702	0.675	25	10	-
202301	0.540	20	10	-	202801	0.810	25	12	-

NOTE: \* Profiles ordered from those items, may take up to 4 more weeks from our normal delivery time



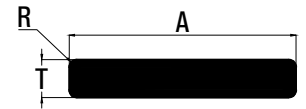
PROFILE NUMBER	WEIGHT (kg/m)	A (mm)	T (mm)	R (mm)	PROFILE NUMBER	WEIGHT (kg/m)	A (mm)	T (mm)	R (mm)
203001	1.013	25	15	-	203401	1.215	30	15	-
203301	1.350	25	20	-	203701	1.620	30	20	-
203110	0.162	30	2	-	204001	2.025	30	25	-
203101	0.243	30	3	-	203601	0.284	35	3	-
203102	0.324	30	4	-	203602	0.378	35	4	-
203103	0.405	30	5	-	203603	0.473	35	5	-
203104	0.486	30	6	-	203604	0.756	35	8	-
203201	0.648	30	8	-	203702	0.945	35	10	-
203202	0.810	30	10	-	203703	1.134	35	12	-
203302	0.972	30	12	-	203901	1.418	35	15	-

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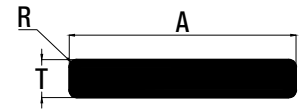
PROFILE NUMBER	WEIGHT (kg/m)	A (mm)	T (mm)	R (mm)		PROFILE NUMBER	WEIGHT (kg/m)	A (mm)	T (mm)	R (mm)
204101	1.890	35	20	-	*	204301	1.620	40	15	-
204401	2.362	35	25	-		204501	2.160	40	20	-
204120	0.216	40	2	-		204801	2.700	40	25	-
204102	0.324	40	3	-		205001	3.240	40	30	-
204103	0.432	40	4	-	*	204601	0.486	45	4	-
204104	0.540	40	5	-	*	204602	0.729	45	6	-
204105	0.648	40	6	-	*	204603	1.094	45	9	-
204106	0.864	40	8	-		204701	1.215	45	10	-
204201	1.080	40	10	-	*	204802	1.823	45	15	-
204202	1.296	40	12	-	*	205002	2.430	45	20	-

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PROFILE NUMBER	WEIGHT (kg/m)	A (mm)	T (mm)	R (mm)	PROFILE NUMBER	WEIGHT (kg/m)	A (mm)	T (mm)	R (mm)
205201	3.037	45	25	-	205301	2.025	50	15	-
* 205101	1.944	48	15	-	205401	2.700	50	20	-
* 205102	0.405	50	3	-	205901	4.050	50	30	-
205103	0.540	50	4	-	206201	4.725	50	35	-
205104	0.675	50	5	-	206501	5.400	50	40	-
205105	0.810	50	6	-	* 205902	2.970	55	20	-
* 205106	0.945	50	7	-	* 205903	0.626	58	4	-
205107	1.080	50	8	-	206101	0.324	60	2	-
205108	1.350	50	10	-	206102	0.486	60	3	-
205202	1.620	50	12	-	206103	0.648	60	4	-

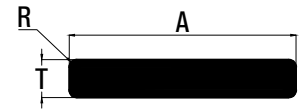
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PROFILE NUMBER	WEIGHT (kg/m)	A (mm)	T (mm)	R (mm)	PROFILE NUMBER	WEIGHT (kg/m)	A (mm)	T (mm)	R (mm)
206104	0.810	60	5	-	207001	5.670	60	35	-
206106	0.972	60	6	-	207301	6.480	60	40	-
206105	1.053	60	6.5	-	* 206601	0.527	65	3	-
206109	1.296	60	8	-	* 206701	2.633	65	15	-
206108	1.620	60	10	-	207101	0.567	70	3	-
206202	1.944	60	12	-	207102	0.945	70	5	-
206203	2.430	60	15	-	207103	1.134	70	6	-
206401	3.240	60	20	-	* 207104	1.323	70	7	-
206502	4.050	60	25	-	207105	1.890	70	10	-
206801	4.860	60	30	-	207106	2.079	70	11	-

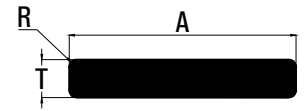
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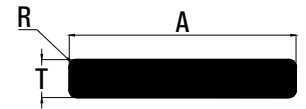
PROFILE NUMBER	WEIGHT (kg/m)	A (mm)	T (mm)	R (mm)	PROFILE NUMBER	WEIGHT (kg/m)	A (mm)	T (mm)	R (mm)
* 207201	2.263	70	12	1.5	* 208105	1.512	80	7	-
207202	2.835	70	15	-	208106	1.728	80	8	-
207302	3.780	70	20	-	208107	2.160	80	10	-
207501	4.725	70	25	-	208108	2.592	80	12	-
207701	5.670	70	30	-	208201	3.240	80	15	-
208101	7.560	70	40	-	208301	4.320	80	20	-
* 207601	2.025	75	10	-	208401	5.400	80	25	-
208102	0.864	80	4	-	208601	6.480	80	30	-
208103	1.080	80	5	-	* 209001	8.640	80	40	-
208104	1.296	80	6	-	* 208303	2.660	82	12	-

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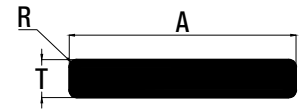
PROFILE NUMBER	WEIGHT (kg/m)	A (mm)	T (mm)	R (mm)	PROFILE NUMBER	WEIGHT (kg/m)	A (mm)	T (mm)	R (mm)
* 209101	1.458	90	6	-	210101	0.810	100	3	-
209102	1.701	90	7	-	* 210102	0.945	100	3.5	-
* 209103	1.944	90	8	-	210103	1.350	100	5	-
209104	2.430	90	10	-	210104	1.620	100	6	-
209105	2.916	90	12	-	210105	2.160	100	8	-
209201	3.645	90	15	-	210106	2.700	100	10	-
209301	4.860	90	20	-	210107	3.240	100	12	-
209401	6.075	90	25	-	210201	4.050	100	15	-
* 209501	7.290	90	30	-	* 210202	4.185	100	15.5	-
* 209601	3.078	95	12	-	210203	5.400	100	20	-

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PROFILE NUMBER	WEIGHT (kg/m)	A (mm)	T (mm)	R (mm)	PROFILE NUMBER	WEIGHT (kg/m)	A (mm)	T (mm)	R (mm)
210401	6.750	100	25	-	212106	4.860	120	15	-
210501	8.100	100	30	-	212201	6.480	120	20	-
210801	10.80	100	40	-	212401	9.720	120	30	-
211213	13.50	100	50	-	212701	12.96	120	40	-
* 210802	1.733	107	6	-	* 212601	1.350	125	4	-
* 211301	6.534	110	22	-	* 212602	2.025	125	6	-
212101	1.944	120	6	-	* 212603	2.700	125	8	-
212102	2.592	120	8	-	* 214101	4.536	140	12	-
212103	3.240	120	10	-	215101	2.025	150	5	-
212105	3.888	120	12	-	* 215102	2.430	150	6	-

NOTE: \* Profiles ordered from those items, may take up to 4 more weeks from our normal delivery time

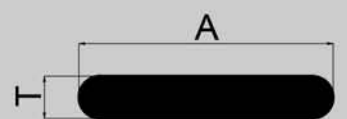


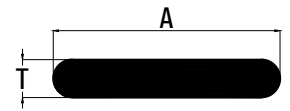
PROFILE NUMBER	WEIGHT (kg/m)	A (mm)	T (mm)	R (mm)	PROFILE NUMBER	WEIGHT (kg/m)	A (mm)	T (mm)	R (mm)
215103	3.240	150	8	-	220104	8.100	200	15	-
215104	4.050	150	10	-	* 220105	10.80	200	20	-
215105	6.075	150	15	-					
215201	8.100	150	20	-					
215701	8.370	155	20	-					
* 216101	3.456	160	8	-					
218101	4.860	180	10	-					
220101	3.240	200	6	-					
220102	4.320	200	8	-					
220103	5.400	200	10	-					

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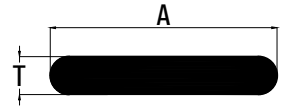
**FLAT BARS FULL R**





PROFILE NUMBER	WEIGHT (kg/m)	A (mm)	T (mm)	R (mm)	PROFILE NUMBER	WEIGHT (kg/m)	A (mm)	T (mm)	R (mm)
* 202105	0.208	20	4	FR	* 205601	3.013	50	25	FR
* 202605	0.292	25	4.5	FR	* 206110	1.562	60	10	FR
* 203105	0.315	30	4	FR	* 207107	0.931	70	5	FR
* 204107	0.423	40	4	FR	* 208109	1.066	80	5	FR
* 204108	0.526	40	5	FR	* 208110	1.691	80	8	FR
* 204203	1.022	40	10	FR	* 209106	1.437	90	6	FR
205109	0.662	50	5	FR	* 210108	2.123	100	8	FR
* 205110	1.293	50	10	FR	* 210109	2.642	100	10	FR
* 205203	1.536	50	12	FR	* 212107	3.181	120	10	FR
* 205302	1.895	50	15	FR	* 212605	3.317	125	10	FR

NOTE: \* Profiles ordered from those items, may take up to 4 more weeks from our normal delivery time

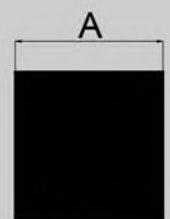


PROFILE NUMBER	WEIGHT (kg/m)	A (mm)	T (mm)	R (mm)	PROFILE NUMBER	WEIGHT (kg/m)	A (mm)	T (mm)	R (mm)
* 215106	5.945	150	15	FR					
* 220106	7.970	200	15	FR					

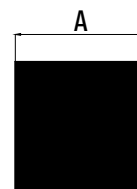
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**SOLID SQUARE BARS**







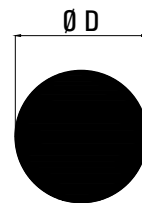
PROFILE NUMBER	WEIGHT (kg/m)	A (mm)	PROFILE NUMBER	WEIGHT (kg/m)	A (mm)
201103	0.173	8			
202203	0.608	15			
202901	1.080	20			
203605	1.688	25			
204302	2.430	30			
205003	3.308	35			
206402	5.468	45			
207108	6.750	50			

NOTE: \* Profiles ordered from those items, may take up to 4 more weeks from our normal delivery time



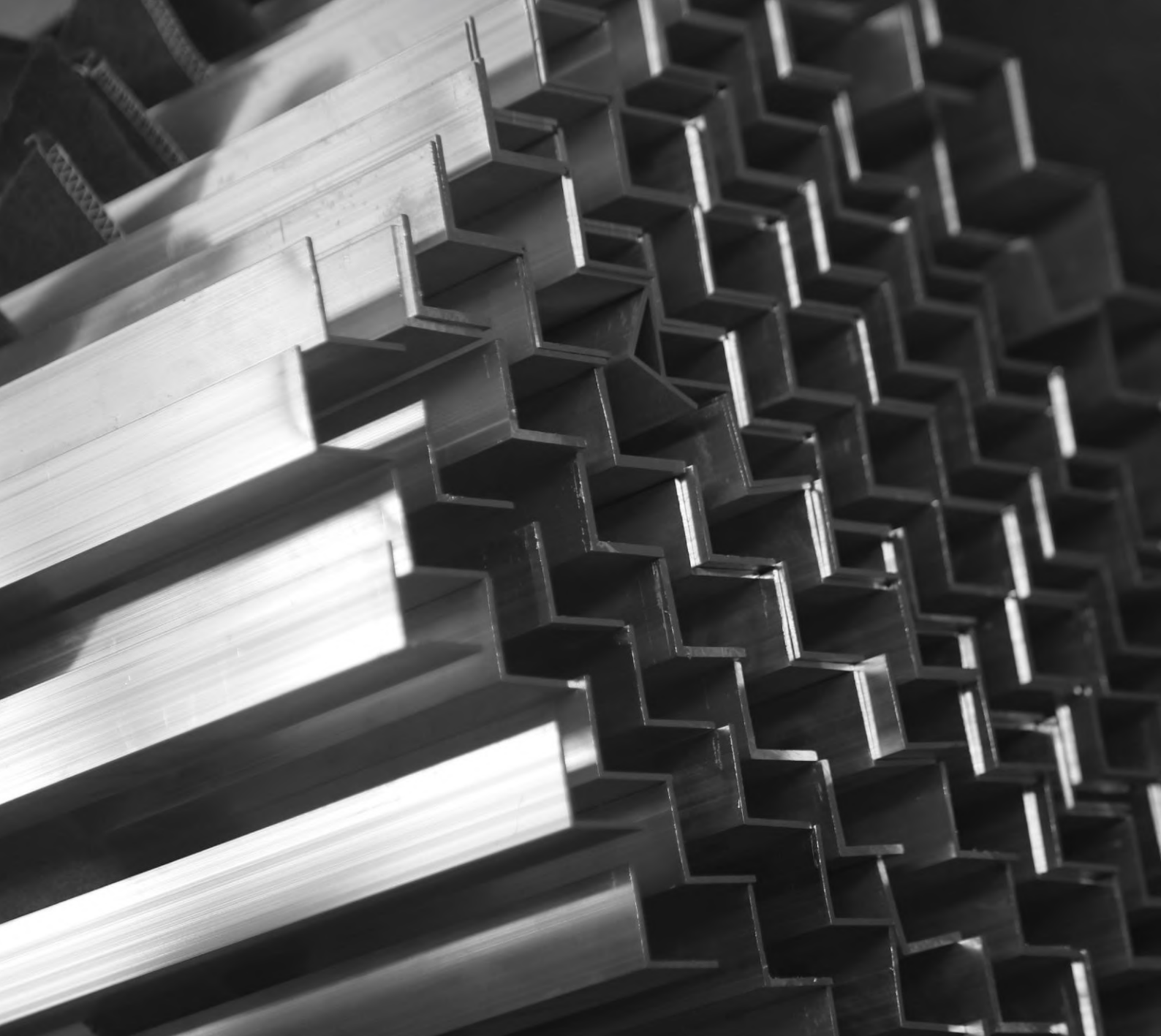
## SOLID ROUND RODS



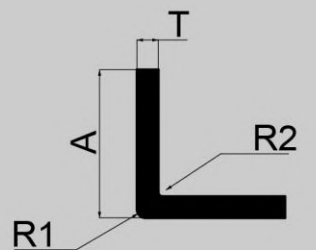


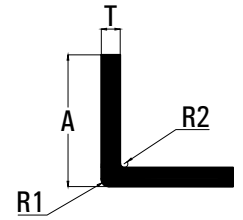
PROFILE NUMBER	WEIGHT (kg/m)	D (mm)	PROFILE NUMBER	WEIGHT (kg/m)	D (mm)
* 200801	0.135	8	* 204204	3.741	42
202001	0.848	20	204502	4.292	45
* 202204	1.026	22	205004	5.300	50
* 202402	1.221	24	205501	6.415	55
* 202502	1.325	25	206802	9.806	68
* 202606	1.434	26			
* 202703	1.545	27			
203002	1.908	30			
* 203501	2.597	35			
203902	3.225	39			

NOTE: \* Profiles ordered from those items, may take up to 4 more weeks from our normal delivery time



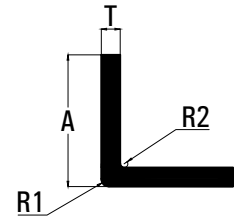
## EQUAL ANGLES





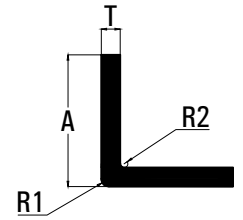
PROFILE NUMBER	WEIGHT (kg/m)	A (mm)	T (mm)	R1 (mm)	R2 (mm)	PROFILE NUMBER	WEIGHT (kg/m)	A (mm)	T (mm)	R1 (mm)	R2 (mm)
202211	0.151	15	2	-	-	204321	0.743	30	5	-	-
202902	0.205	20	2	-	-	205005	0.367	35	2	-	-
202903	0.300	20	3	-	-	205006	0.543	35	3	-	-
203606	0.259	25	2	-	-	205033	0.713	35	4	-	-
203607	0.381	25	3	-	-	205701	0.318	40	1.5	-	-
203608	0.497	25	4	-	-	205702	0.421	40	2	-	-
204303	0.313	30	2	-	-	205703	0.624	40	3	-	-
* 204304	0.459	30	3	2	-	205723	0.821	40	4	-	-
204305	0.462	30	3	-	-	205704	0.825	40	4	-	2
204306	0.605	30	4	-	-	205705	1.013	40	5	-	-

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PROFILE NUMBER	WEIGHT (kg/m)	A (mm)	T (mm)	R1 (mm)	R2 (mm)	PROFILE NUMBER	WEIGHT (kg/m)	A (mm)	T (mm)	R1 (mm)	R2 (mm)
207109	0.529	50	2	-	-	208504	1.553	60	5	-	-
207110	0.786	50	3	-	-	208505	1.847	60	6	-	-
207111	1.037	50	4	-	-	208506	2.419	60	8	-	-
* 207112	1.160	50	4.5	-	-	* 209901	2.514	70	7	-	-
207113	1.283	50	5	-	-	211411	1.272	80	3	-	-
207114	1.523	50	6	-	-	211401	2.495	80	6	-	-
207115	1.987	50	8	-	-	211402	3.283	80	8	-	-
208501	0.637	60	2	-	-	211403	4.050	80	10	-	-
208502	0.948	60	3	-	-	* 212801	1.434	90	3	-	-
208503	1.253	60	4	-	-	214209	1.596	100	3	-	-

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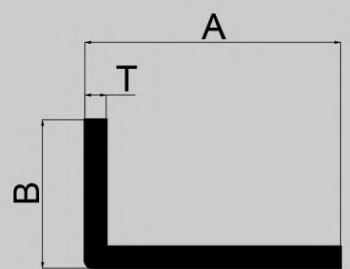
PROFILE NUMBER	WEIGHT (kg/m)	A (mm)	T (mm)	R1 (mm)	R2 (mm)	PROFILE NUMBER	WEIGHT (kg/m)	A (mm)	T (mm)	R1 (mm)	R2 (mm)
214201	2.117	100	4	-	-						
214210	2.633	100	5	-	-						
214202	3.143	100	6	-	-						
214203	4.147	100	8	-	-						
214204	5.130	100	10	-	-						
* 217002	5.011	120	8	-	-						

NOTE: \* Profiles ordered from those items, may take up to 4 more weeks from our normal delivery time

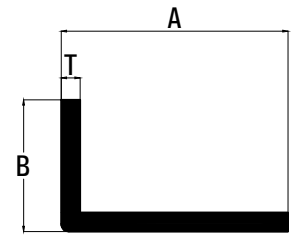




UNEQUAL ANGLES

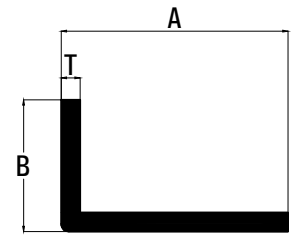






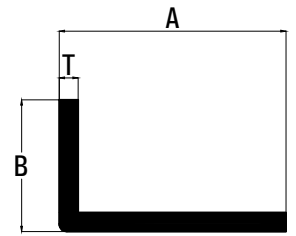
PROFILE NUMBER	WEIGHT (kg/m)	A (mm)	T (mm)	R1 (mm)	R2 (mm)	PROFILE NUMBER	WEIGHT (kg/m)	A (mm)	T (mm)	R1 (mm)	R2 (mm)
202509	0.178	20	15	2		204109	0.421	35	20	3	
203003	0.254	25	15	2.5		204205	0.259	40	10	2	
203402	0.232	30	15	2		204307	0.286	40	15	2	
203704	0.259	30	20	2		204503	0.313	40	20	2	
203705	0.381	30	20	3		204504	0.462	40	20	3	
* 203801	0.338	30	22.5	2.5		204505	0.605	40	20	4	
* 203903	0.540	30	24	4		204803	0.502	40	25	3	
204002	0.286	30	25	2		205007	0.367	40	30	2	
* 203904	0.196	35	15	1.5		* 205008	0.543	40	30	3	
* 203905	0.259	35	15	2		205009	0.340	45	20	2	

NOTE: \* Profiles ordered from those items, may take up to 4 more weeks from our normal delivery time



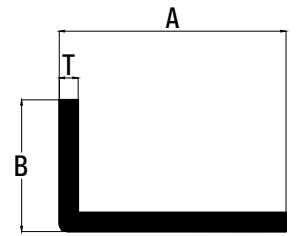
PROFILE NUMBER	WEIGHT (kg/m)	A (mm)	T (mm)	R1 (mm)	R2 (mm)	PROFILE NUMBER	WEIGHT (kg/m)	A (mm)	T (mm)	R1 (mm)	R2 (mm)
* 205502	0.767	45	30	4		206404	0.624	60	20	3	
205402	0.367	50	20	2		206504	0.448	60	25	2	
205602	0.394	50	25	2		206803	0.475	60	30	2	
205603	0.583	50	25	3		206804	0.705	60	30	3	
205904	0.421	50	30	2		206805	1.148	60	30	5	
205905	0.624	50	30	3		* 207002	1.215	60	35	5	
205906	0.821	50	30	4		207303	0.529	60	40	2	
205907	1.013	50	30	5		207304	0.786	60	40	3	
206405	0.705	50	40	3		207305	1.037	60	40	4	
206403	0.421	60	20	2		207307	1.283	60	40	5	

NOTE: \* Profiles ordered from those items, may take up to 4 more weeks from our normal delivery time



PROFILE NUMBER	WEIGHT (kg/m)	A (mm)	T (mm)	R1 (mm)	R2 (mm)	PROFILE NUMBER	WEIGHT (kg/m)	A (mm)	T (mm)	R1 (mm)	R2 (mm)
207308	0.475	70	20	2		209003	0.948	80	40	3	
207702	0.529	70	30	2		209004	1.253	80	40	4	
* 208111	1.685	70	40	6		209005	1.847	80	40	6	
208701	0.948	70	50	3		209502	1.361	80	50	4	
208702	1.555	70	50	5		209503	1.688	80	50	5	
* 209302	0.691	70	60	2		210001	1.469	80	60	4	
* 208112	0.721	80	12	3		210204	0.637	100	20	2	
208304	0.529	80	20	2		* 210505	1.029	100	30	3	
208602	0.867	80	30	3		210815	1.110	100	40	3	
209002	0.637	80	40	2		210816	1.469	100	40	4	

NOTE: \* Profiles ordered from those items, may take up to 4 more weeks from our normal delivery time

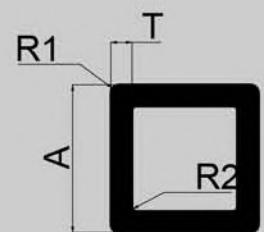


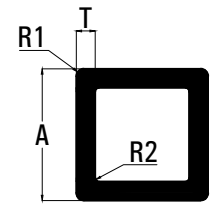
PROFILE NUMBER	WEIGHT (kg/m)	A (mm)	T (mm)	R1 (mm)	R2 (mm)		PROFILE NUMBER	WEIGHT (kg/m)	A (mm)	T (mm)	R1 (mm)	R2 (mm)
211201	1.191	100	50	3		*	215903	2.117	150	50	4	
211202	1.958	100	50	5		*	216802	4.687	150	75	8	
211210	2.333	100	50	6		*	218102	3.308	150	100	5	
211211	3.067	100	50	8								
211203	3.780	100	50	10								
212901	1.900	100	80	4								
212202	0.745	120	20	2								
* 212708	1.272	120	40	3								
* 212709	1.685	120	40	4								
213501	3.715	120	60	8								

NOTE: \* Profiles ordered from those items, may take up to 4 more weeks from our normal delivery time



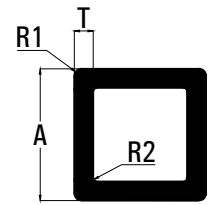
## SQUARE TUBES





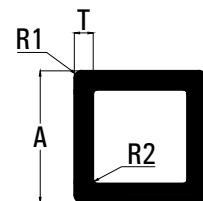
PROFILE NUMBER	WEIGHT (kg/m)	A (mm)	T (mm)	R1 (mm)	R2 (mm)	PROFILE NUMBER	WEIGHT (kg/m)	A (mm)	T (mm)	R1 (mm)	R2 (mm)
* 102205	0.219	15	1.5	-	-	104310	0.875	30	3	-	-
102206	0.281	15	2	-	-	105010	0.713	35	2	-	-
102904	0.300	20	1.5	-	-	105011	1.037	35	3	-	-
102905	0.389	20	2	-	-	105706	0.624	40	1.5	-	-
* 103609	0.300	25	1.2	2	-	* 105707	0.813	40	2	2	-
103610	0.380	25	1.5	-	-	105708	0.821	40	2	-	-
103611	0.497	25	2	-	-	105709	1.013	40	2.5	-	-
* 103706	0.394	26	1.5	1	-	105710	1.199	40	3	-	-
* 104308	0.432	30	1.5	5	3.5	105711	1.555	40	4	-	-
104309	0.605	30	2	-	-	106405	0.750	45	1.6	-	-

NOTE: \* Profiles ordered from those items, may take up to 4 more weeks from our normal delivery time



PROFILE NUMBER	WEIGHT (kg/m)	A (mm)	T (mm)	R1 (mm)	R2 (mm)		PROFILE NUMBER	WEIGHT (kg/m)	A (mm)	T (mm)	R1 (mm)	R2 (mm)
106406	0.929	45	2	-	-	*	111404	1.272	80	1.5	-	-
107116	1.037	50	2	-	-		111405	1.685	80	2	-	-
107117	1.523	50	3	-	-		111406	2.495	80	3	-	-
107118	1.987	50	4	-	-		111407	3.283	80	4	-	-
107119	2.430	50	5	-	-		111408	4.050	80	5	-	-
* 107801	1.145	55	2	-	-		112802	3.715	90	4	-	-
108507	1.253	60	2	-	-		114205	2.117	100	2	-	-
108508	1.847	60	3	-	-		114206	3.143	100	3	-	-
108509	2.419	60	4	-	-		114207	4.147	100	4	-	-
109902	2.851	70	4	-	-		114208	5.130	100	5	-	-

NOTE: \* Profiles ordered from those items, may take up to 4 more weeks from our normal delivery time



PROFILE NUMBER	WEIGHT (kg/m)	A (mm)	T (mm)	R1 (mm)	R2 (mm)	PROFILE NUMBER	WEIGHT (kg/m)	A (mm)	T (mm)	R1 (mm)	R2 (mm)
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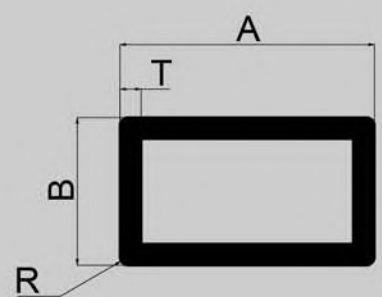
117013	6.210	120	5	-	-						
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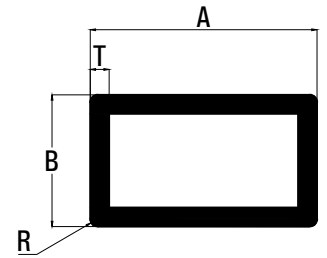

NOTE: \* Profiles ordered from those items, may take up to 4 more weeks from our normal delivery time





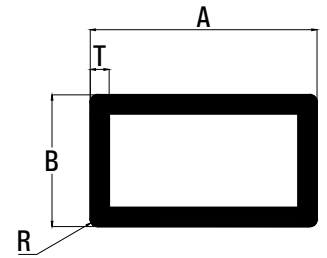
## RECTANGULAR TUBES





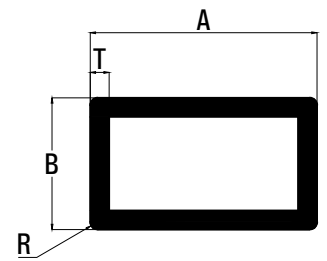
PROFILE NUMBER	WEIGHT (kg/m)	A (mm)	T (mm)	R1 (mm)	R2 (mm)		PROFILE NUMBER	WEIGHT (kg/m)	A (mm)	T (mm)	R1 (mm)	R2 (mm)
102302	0.219	20	10	1.5	-	*	103403	0.340	30	15	1.5	-
* 102503	0.250	20	15	1.5	2		103404	0.443	30	15	2	-
* 102704	0.275	20	18	1.5	2		103405	0.429	30	15	2	2.5
* 103004	0.290	25	15	1.5	2	*	103502	0.356	30	18	1.5	2
* 103005	0.367	25	15	2	3		103707	0.380	30	20	1.5	-
103006	0.389	25	15	2	-	*	103708	0.375	30	20	1.5	1.5
103303	0.442	25	20	2	-		103709	0.497	30	20	2	-
* 103007	0.285	26	14	1.5	2.5	*	103906	0.489	35	15	2	2
* 103304	0.344	29	14	1.6	1	*	104110	0.400	35	20	1.5	3
103203	0.300	30	10	1.5	-		104111	0.551	35	20	2	-

NOTE: \* Profiles ordered from those items, may take up to 4 more weeks from our normal delivery time



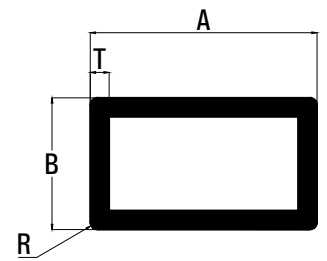
PROFILE NUMBER	WEIGHT (kg/m)	A (mm)	T (mm)	R1 (mm)	R2 (mm)	PROFILE NUMBER	WEIGHT (kg/m)	A (mm)	T (mm)	R1 (mm)	R2 (mm)
* 104206	0.382	40	10	1.5	-	* 105015	0.437	45	20	1.3	-
104311	0.421	40	15	1.5	-	105016	0.659	45	20	2	-
104506	0.464	40	20	1.5	-	105303	0.659	50	15	2	-
104507	0.605	40	20	2	-	* 105403	0.543	50	20	1.5	-
104508	0.875	40	20	3	-	* 105404	0.611	50	20	1.7	-
* 104702	0.477	40	23	1.5	2	105405	0.713	50	20	2	-
* 104812	0.659	40	25	2	-	105406	0.710	50	20	2	1
105012	0.713	40	30	2	-	105604	0.759	50	25	2	2
* 105013	0.878	40	30	2.5	-	105605	0.767	50	25	2	-
105014	1.036	40	30	3	-	* 105612	1.118	50	25	3	-

NOTE: \* Profiles ordered from those items, may take up to 4 more weeks from our normal delivery time



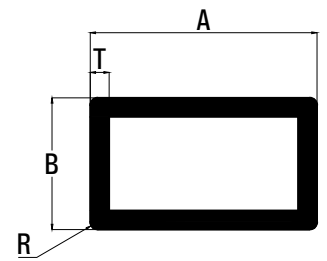
PROFILE NUMBER	WEIGHT (kg/m)	A (mm)	T (mm)	R1 (mm)	R2 (mm)	PROFILE NUMBER	WEIGHT (kg/m)	A (mm)	T (mm)	R1 (mm)	R2 (mm)
* 105606	1.447	50	25	4	-	106806	0.929	60	30	2	-
105908	0.820	50	30	2	-	106807	1.361	60	30	3	-
105909	1.200	50	30	3	-	* 106808	1.353	60	30	3	2
* 106513	0.929	50	40	2	-	107139	1.029	60	40	2	2
106505	1.361	50	40	3	-	107310	1.037	60	40	2	-
106506	1.771	50	40	4	-	107311	1.283	60	40	2.5	-
* 106301	0.664	55	30	1.5	-	107312	1.523	60	40	3	-
* 106407	0.603	60	20	1.5	3	107313	1.987	60	40	4	-
106408	0.821	60	20	2	-	107314	0.929	70	20	2	-
* 106409	0.936	60	20	2.3	-	108703	2.697	70	50	4.5	-

NOTE: \* Profiles ordered from those items, may take up to 4 more weeks from our normal delivery time



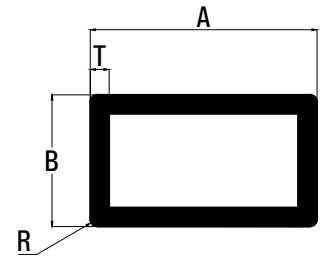
PROFILE NUMBER	WEIGHT (kg/m)	A (mm)	T (mm)	R1 (mm)	R2 (mm)	PROFILE NUMBER	WEIGHT (kg/m)	A (mm)	T (mm)	R1 (mm)	R2 (mm)
* 108202	0.745	80	15	1.5	-	109009	1.847	80	40	3	-
108305	0.786	80	20	1.5	-	109010	2.419	80	40	4	-
108306	1.037	80	20	2	-	* 109011	2.970	80	40	5	1
* 108603	0.867	80	30	1.5	-	109504	1.361	80	50	2	-
* 108604	1.137	80	30	2	2	109505	2.009	80	50	3	-
108605	1.145	80	30	2	-	109506	2.635	80	50	4	-
108606	1.685	80	30	3	-	* 110002	1.823	80	60	2.5	-
109006	0.948	80	40	1.5	-	110003	2.171	80	60	3	-
109007	1.253	80	40	2	-	110004	2.851	80	60	4	-
109008	1.553	80	40	2.5	-	* 110005	4.147	80	60	6	-

NOTE: \* Profiles ordered from those items, may take up to 4 more weeks from our normal delivery time



PROFILE NUMBER	WEIGHT (kg/m)	A (mm)	T (mm)	R1 (mm)	R2 (mm)	PROFILE NUMBER	WEIGHT (kg/m)	A (mm)	T (mm)	R1 (mm)	R2 (mm)
* 109903	1.250	95	25	2	1	111205	2.333	100	50	3	-
110205	1.253	100	20	2	-	111206	3.067	100	50	4	-
* 110402	1.307	100	25	2	-	* 111209	3.780	100	50	5	-
* 110403	1.920	100	25	3	2	111701	1.685	100	60	2	-
110502	1.361	100	30	2	-	111702	2.093	100	60	2.5	-
110503	2.009	100	30	3	-	111703	3.283	100	60	4	-
110803	1.469	100	40	2	-	* 112606	2.657	110	60	3	-
* 110804	2.851	100	40	4	-	112203	1.469	120	20	2	-
* 111001	1.890	100	45	2.5	-	* 112301	1.523	120	25	2	-
* 111204	1.577	100	50	2	-	112402	1.577	120	30	2	-

NOTE: \* Profiles ordered from those items, may take up to 4 more weeks from our normal delivery time

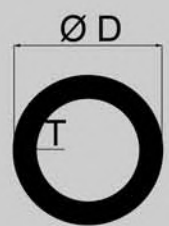


PROFILE NUMBER	WEIGHT (kg/m)	A (mm)	T (mm)	R1 (mm)	R2 (mm)	PROFILE NUMBER	WEIGHT (kg/m)	A (mm)	T (mm)	R1 (mm)	R2 (mm)
112717	1.685	120	40	2	0.25	115901	4.147	150	50	4	-
113001	1.793	120	50	2	-	115703	1.847	155	20	2	-
* 113005	2.657	120	50	3	-	119701	4.277	170	100	3	-
113002	3.500	120	50	4	-						
113502	2.363	120	60	2.5	-						
* 113507	2.819	120	60	3	-						
113503	3.715	120	60	4	-						
* 113901	2.981	120	70	3	-						
* 114502	3.143	120	80	3	-						
* 115601	2.009	150	40	2	-						

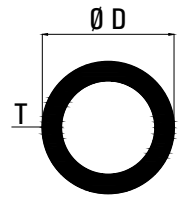
NOTE: \* Profiles ordered from those items, may take up to 4 more weeks from our normal delivery time



## ROUND TUBES

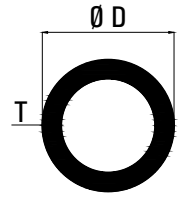






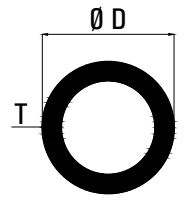
PROFILE NUMBER	WEIGHT (kg/m)	D (mm)	T (mm)		PROFILE NUMBER	WEIGHT (kg/m)	D (mm)	T (mm)
101601	0.184	16	1.5	*	102008	0.637	20	5
* 101603	0.238	16	2		102207	0.260	22	1.5
* 101604	0.283	16	2.5		102208	0.340	22	2
101801	0.210	18	1.5	*	102403	0.373	24	2
101802	0.271	18	2	*	102512	0.300	25	1.5
102003	0.235	20	1.5		102505	0.390	25	2
102004	0.305	20	2		102506	0.443	25	2.3
* 102005	0.370	20	2.5		102507	0.477	25	2.5
* 102002	0.490	20	3.5		102508	0.848	25	5
* 102007	0.543	20	4		102608	0.408	26	2

NOTE: \* Profiles ordered from those items, may take up to 4 more weeks from our normal delivery time



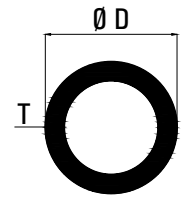
PROFILE NUMBER	WEIGHT (kg/m)	D (mm)	T (mm)	PROFILE NUMBER	WEIGHT (kg/m)	D (mm)	T (mm)
* 102705	0.424	27	2	* 103106	0.648	31	2.7
* 102802	0.521	28	2.4	* 103107	0.712	31	3
103008	0.362	30	1.5	* 103108	1.190	31	5.5
103009	0.475	30	2	103204	0.389	32	1.5
* 103010	0.583	30	2.5	103205	0.509	32	2
103011	0.687	30	3	103206	0.950	32	4
* 103012	0.786	30	3.5	* 103305	0.526	33	2
103013	0.882	30	4	* 103306	0.763	33	3
103014	1.060	30	5	* 103503	0.427	35	1.5
* 103015	1.696	30	10	103504	0.560	35	2

NOTE: \* Profiles ordered from those items, may take up to 4 more weeks from our normal delivery time



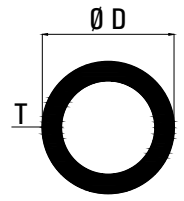
PROFILE NUMBER	WEIGHT (kg/m)	D (mm)	T (mm)	PROFILE NUMBER	WEIGHT (kg/m)	D (mm)	T (mm)
* 103505	0.689	35	2.5	103803	0.890	38	3
103506	0.814	35	3	104003	0.490	40	1.5
* 103507	0.934	35	3.5	104004	0.645	40	2
103508	1.051	35	4	104005	0.941	40	3
103509	1.272	35	5	104006	1.220	40	4
* 103612	0.577	36	2	104007	1.485	40	5
* 103613	0.710	36	2.5	* 104008	2.545	40	10
* 136501	0.502	36.5	1.7	* 104112	0.503	41	1.5
* 103710	0.865	37	3	104207	0.994	42	3
* 103802	0.464	38	1.5	104510	0.730	45	2

NOTE: \* Profiles ordered from those items, may take up to 4 more weeks from our normal delivery time



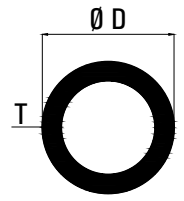
PROFILE NUMBER	WEIGHT (kg/m)	D (mm)	T (mm)	PROFILE NUMBER	WEIGHT (kg/m)	D (mm)	T (mm)
* 104511	0.900	45	2.5	105018	0.814	50	2
104512	1.068	45	3	105019	1.007	50	2.5
* 104513	1.990	45	6	105020	1.195	50	3
104604	0.745	46	2	105021	1.908	50	5
* 104605	1.094	46	3	* 105023	2.992	50	8.5
* 104807	0.855	48	2.2	105022	3.391	50	10
* 104804	0.965	48	2.5	* 105204	0.848	52	2
104805	1.145	48	3	105503	1.113	55	2.5
* 104806	1.391	48	3.7	* 105607	3.256	56	8
105017	0.617	50	1.5	105805	1.399	58	3

NOTE: \* Profiles ordered from those items, may take up to 4 more weeks from our normal delivery time



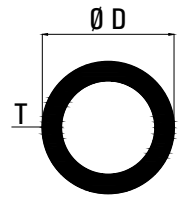
PROFILE NUMBER	WEIGHT (kg/m)	D (mm)	T (mm)	PROFILE NUMBER	WEIGHT (kg/m)	D (mm)	T (mm)
* 106001	0.840	60	1.7	* 106809	1.654	68	3
106002	0.984	60	2	107003	0.872	70	1.5
* 106003	1.220	60	2.5	107004	1.265	70	2.2
106004	1.450	60	3	* 107005	1.431	70	2.5
106005	1.900	60	4	* 107006	1.920	70	3.4
106006	2.331	60	5	107007	2.757	70	5
106007	4.240	60	10	* 107502	0.935	75	1.5
* 106302	0.782	63	1.5	* 107503	1.238	75	2
* 106507	0.808	65	1.5	107504	1.537	75	2.5
* 106508	1.325	65	2.5	107505	2.967	75	5

NOTE: \* Profiles ordered from those items, may take up to 4 more weeks from our normal delivery time



PROFILE NUMBER	WEIGHT (kg/m)	D (mm)	T (mm)	PROFILE NUMBER	WEIGHT (kg/m)	D (mm)	T (mm)
107608	2.036	76	3.3	* 108607	1.771	86	2.5
108001	1.322	80	2	* 109012	1.855	90	2.5
108002	1.643	80	2.5	* 109013	2.214	90	3
108003	1.960	80	3	* 109014	2.567	90	3.5
* 108004	4.880	80	8	* 109015	3.264	90	4.5
108005	5.937	80	10	109016	3.605	90	5
* 108006	8.270	80	15	* 109017	5.562	90	8
* 108007	11.12	80	23	* 109507	1.962	95	2.5
* 108113	3.224	81	5	* 110006	2.707	100	3.3
* 108203	2.010	82	3	110007	3.255	100	4

NOTE: \* Profiles ordered from those items, may take up to 4 more weeks from our normal delivery time

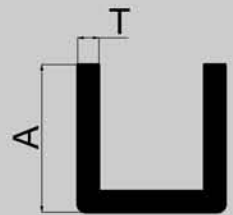


PROFILE NUMBER	WEIGHT (kg/m)	D (mm)	T (mm)	PROFILE NUMBER	WEIGHT (kg/m)	D (mm)	T (mm)
* 110008	5.520	100	7				
110009	7.630	100	10				
* 110504	2.596	105	3				
* 110601	2.195	106	2.5				
* 111002	2.280	110	2.5				
* 111501	4.665	115	5				
112001	2.978	120	3				
* 112002	6.710	120	7				
112003	7.600	120	8				

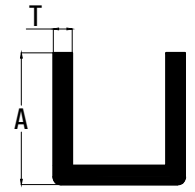
NOTE: \* Profiles ordered from those items, may take up to 4 more weeks from our normal delivery time



EQUAL U -SECTIONS

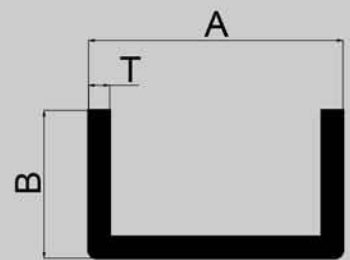




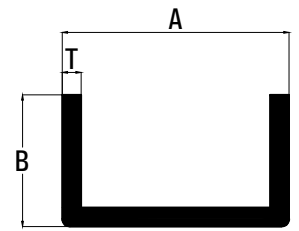


PROFILE NUMBER	WEIGHT (kg/m)	A (mm)	T (mm)	PROFILE NUMBER	WEIGHT (kg/m)	A (mm)	T (mm)
202906	0.302	20	2				
203614	0.383	25	2				
204312	0.680	30	3				
* 206411	0.707	45	2				
* 207120	0.788	50	2				
207121	1.534	50	4				
207122	1.890	50	5				
* 209202	0.778	65	1.5				
* 209904	2.182	70	4				

NOTE: \* Profiles ordered from those items, may take up to 4 more weeks from our normal delivery time

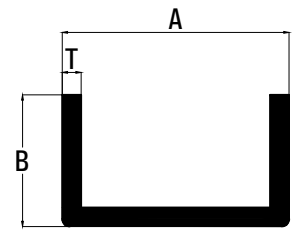


**UNEQUAL U -SECTIONS**



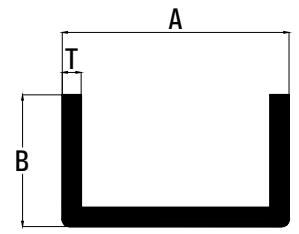
PROFILE NUMBER	WEIGHT (kg/m)	A (mm)	B (mm)	T (mm)	PROFILE NUMBER	WEIGHT (kg/m)	A (mm)	B (mm)	T (mm)
203711	0.410	20	30	2	204515	0.410	40	20	2
* 204514	0.643	20	40	2.5	* 204516	0.778	40	20	4
203016	0.275	25	15	2	* 207315	0.842	40	60	2
203712	0.356	30	20	2	* 207316	1.247	40	60	3
* 205024	0.572	30	40	2	* 205504	0.802	45	30	3
* 204114	0.308	33	23	1.5	205407	0.464	50	20	2
204113	0.352	35	20	1.5	* 205608	0.518	50	25	2
204115	0.383	35	20	2	205910	0.572	50	30	2
* 206204	0.707	35	50	2	205911	0.842	50	30	3
* 204606	0.470	37	27	2	205912	1.102	50	30	4

NOTE: \* Profiles ordered from those items, may take up to 4 more weeks from our normal delivery time



PROFILE NUMBER	WEIGHT (kg/m)	A (mm)	B (mm)	T (mm)	PROFILE NUMBER	WEIGHT (kg/m)	A (mm)	B (mm)	T (mm)
* 206509	0.516	50	40	1.5	* 206812	0.923	60	30	3
* 206810	1.426	50	45	4	* 206813	1.210	60	30	4
* 206811	1.755	50	45	5	* 207008	1.620	60	35	5
* 206008	0.834	53	28	3	207317	0.913	60	40	2.5
* 206303	0.600	55	30	2	207318	1.085	60	40	3
* 206304	0.743	55	30	2.5	207319	1.426	60	40	4
* 206901	0.707	55	40	2	* 207703	0.575	65	40	1.5
* 206205	0.464	60	15	2	* 207704	1.480	65	40	4
206410	0.518	60	20	2	208608	0.923	65	55	2
* 206510	0.572	60	25	2	* 207320	0.572	70	20	2

NOTE: \* Profiles ordered from those items, may take up to 4 more weeks from our normal delivery time

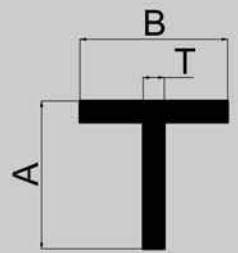


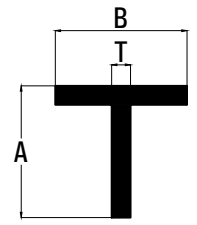
PROFILE NUMBER	WEIGHT (kg/m)	A (mm)	B (mm)	T (mm)		PROFILE NUMBER	WEIGHT (kg/m)	A (mm)	B (mm)	T (mm)
208307	0.626	80	20	2	*	210806	2.295	100	40	5
209018	1.247	80	40	3	*	211003	2.430	100	45	5
209019	1.642	80	40	4		211207	2.565	100	50	5
* 209508	1.409	80	50	3	*	211208	3.515	100	50	7
210010	2.565	80	60	5	*	212902	1.112	120	45	2
* 210701	4.406	80	70	8	*	214102	3.872	125	63	6
* 209402	1.080	85	40	2.5	*	213801	0.977	135	25	2
* 210301	1.249	90	50	2.5	*	215702	4.342	140	70	6
210206	0.734	100	20	2	*	215902	3.240	150	50	5
210805	1.858	100	40	4						

NOTE: \* Profiles ordered from those items, may take up to 4 more weeks from our normal delivery time



T-BARS





PROFILE NUMBER	WEIGHT (kg/m)	A (mm)	B (mm)	T (mm)	PROFILE NUMBER	WEIGHT (kg/m)	A (mm)	B (mm)	T (mm)
203615	0.259	25	25	2					
204313	0.462	30	30	3					
* 205025	0.456	35	35	2.5					
205712	0.821	40	40	4					
205713	0.624	40	40	3					
207123	1.037	50	50	4					
207124	1.283	50	50	5					
* 206814	1.148	60	30	5					
* 208510	1.847	60	60	6					
* 210702	4.471	75	75	12					

NOTE: \* Profiles ordered from those items, may take up to 4 more weeks from our normal delivery time