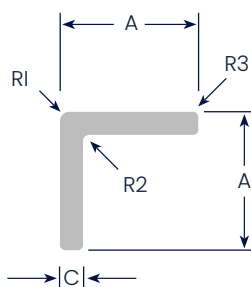


02/

Standard Profiles

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Equal Angle – AEA



R = Radiused Corner
P = Ext Periphery
F = Full Radius

**Blue = Mill run only.
Non stocked item.**

Minimum order 250kg.

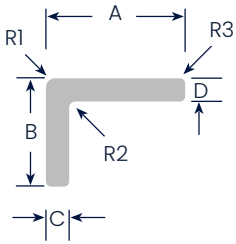
**Contact your local
branch to enquire.**

*Diagrams are schematic
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specification drawings.*

*Radius abbreviated with
(-), contact your local
branch for specifications.*

Die No.	A	B	C	D	R1	R2	R3	kg/m	P
UA 2071	10.00		1.60					0.080	40
UA 1090	12.00		1.60					0.097	48
UA 1097	12.00		3.00					0.170	48
UA 1091	15.00		1.60					0.123	60
UA 1092	20.00		1.60					0.166	80
UA 1101	20.00		3.00					0.299	80
UA 1094	25.00		1.60					0.210	100
UA 1103	25.00		3.00					0.382	100
UA 1113	25.00		4.50					0.555	100
UA 1121	25.00		6.00					0.715	100
UA 1096	30.00		1.60					0.253	120
UA 1105	30.00		3.00					0.463	120
UA 1612	30.00		4.50					0.677	120
UA 1532	30.00		6.00					0.875	120
UA 2503	30.00		6.00	3.00		1.50	F	0.850	113
UA 5854	32.00		3.00	0.50		0.50	0.50	0.494	127
UA 2812	35.00		4.50					0.799	140
UA 1099	40.00		1.60					0.340	160
UA 1107	40.00		3.00					0.626	160
UA 1114	40.00		4.50					0.920	160
UA 1122	40.00		6.00					1.203	160
UA 2502	40.00		6.00	3.00		1.50	F	1.178	153
UA 1100	50.00		1.60					0.426	200
UA 2714	50.00		2.00					0.531	200
UA 1110	50.00		3.00					0.785	200
UA 3089	50.00		4.00	0.50		0.50	0.50	1.036	199
UA 1116	50.00		4.50					1.160	200
UA 1123	50.00		6.00					1.523	200
UA 5279	50.00		6.00	0.50		6.00	0.50	1.543	197
UA 1129	50.00		9.00					2.219	200
UA 1711	60.00		6.00					1.853	240
UA 1124	65.00		6.00					2.016	260
UA 2167	75.00		3.00					1.195	300
UA 1526	75.00		4.50					1.768	300
UA 1126	75.00		6.00					2.341	300
UA 1527	75.00		9.00					3.426	300
UA 1712	80.00		6.00					2.504	320
UA 1127	90.00		6.00					2.829	360
UA 1118	100.00		6.00					3.143	400
UA 10581	100.00		10.00		0.80	0.50	0.80	5.128	399

Unequal Angle – AUA



R = Radiused Corner
P = Ext Periphery
F = Full Radius

**Blue = Mill run only.
Non stocked item.**

Minimum order 250kg.

**Contact your local
branch to enquire.**

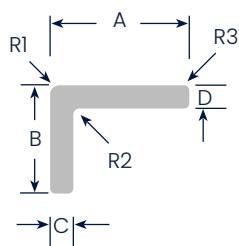
*Diagrams are schematic
only and not intended as
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*Radius abbreviated with
(-), contact your local
branch for specifications.*

Grade: Grade in here

Die No.	A	B	C	D	R1	R2	R3	kg/m	P
UA 1533	19.05	9.53	1.59					0.116	57
UA 1731	20.00	12.00	1.60					0.131	64
UA 1102	22.00	12.00	3.00					0.252	68
UA 1534	22.23	9.53	1.59					0.130	64
UA 1093	25.00	12.00	1.60					0.153	74
UA 1535	25.00	12.00	3.00					0.276	74
UA 1857	25.00	19.00	1.20					0.138	88
UA 1732	25.00	20.00	1.60					0.187	90
UA 1529	25.00	20.00	3.00					0.340	90
UA 1530	30.00	20.00	1.60					0.209	100
UA 1104	30.00	20.00	3.00					0.382	100
UA 1095	30.00	25.00	1.60					0.231	110
UA 1531	30.00	25.00	2.50					0.354	110
UA 2943	32.00	20.00	1.60					0.218	104
UA 1524	38.00	25.00	3.00					0.488	126
UA 1651	40.00	12.00	1.60					0.218	104
UA 4556	40.00	12.00	3.00					0.397	104
UA 1098	40.00	20.00	1.60					0.253	120
UA 4493	40.00	20.00	3.00					0.461	120
UA 2295	40.00	20.00	4.00		0.50		0.50	0.604	119
UA 1068	40.00	25.00	1.60					0.275	130
UA 1106	40.00	25.00	3.00					0.504	130
UA 2599	42.00	25.00	2.00					0.351	134
UA 1926	50.00	20.00	1.60					0.295	140
UA 1108	50.00	20.00	3.00					0.544	140
UA 2848	50.00	25.00	1.60					0.318	150
UA 1109	50.00	25.00	3.00					0.585	150
UA 1974	50.00	30.00	1.60					0.349	160
UA 1115	50.00	40.00	4.50					1.042	180
UA 2378	60.00	30.00	6.00					1.361	180
UA 3031	60.00	30.00	6.00		3.00	1.50	F	1.336	173
UA 1111	65.00	25.00	3.00					0.707	180
UA 2776	70.00	25.00	2.00					0.504	190
UA 1112	75.00	25.00	3.00					0.788	200
UA 3785	75.00	25.00	6.00		0.50		0.50	1.522	199
UA 3504	75.00	30.00	4.50		0.50		0.50	1.220	209

Unequal Angle – AUA *(continued)*



R = Radiused Corner

P = Ext Periphery

F = Full Radius

**Blue = Mill run only.
Non stocked item.**

Minimum order 250kg.

**Contact your local
branch to enquire.**

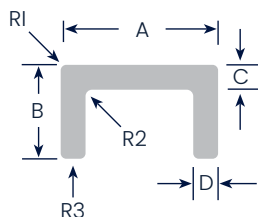
*Diagrams are schematic
only and not intended as
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*Radius abbreviated with
(-), contact your local
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Grade: Grade in here

Die No.	A	B	C	D	R1	R2	R3	kg/m	P
UA 1525	75.00	50.00	3.00					0.988	250
UA 1117	75.00	50.00	4.50					1.469	250
UA 1125	75.00	50.00	6.00					1.935	250
UA 3100	85.00	20.00	3.00					0.826	210
UA 1614	90.00	60.00	6.00					2.341	300
UA 1615	90.00	65.00	6.00					2.422	310
UA 3870	100.00	25.00	3.00					0.988	250
UA 2078	100.00	50.00	2.00					0.802	300
UA 2048	100.00	50.00	3.00					1.195	300
UA 2805	100.00	50.00	4.50					1.774	300
UA 1119	100.00	50.00	6.00					2.333	300
UA 3537	100.00	75.00	6.00		11.00	5.00	F	3.606	338
UA 3861	100.00	75.00	8.00		0.50		0.50	5.281	347
UA 1528	100.00	75.00	12.00					4.398	350
UA 5335	115.00	75.00	9.00					4.398	380
UA 2984	125.00	40.00	6.00					2.585	330
UA 4589	130.00	54.00	2.00					0.983	368
UA 9156	150.00	50.00	6.00		0.50	0.50	0.50	3.142	399
UA 6468	150.00	75.00	3.00		0.50	0.50	0.50	1.798	449
UA 1120	150.00	75.00	6.00					3.548	450
UA 1128	150.00	75.00	9.00					5.268	450

Channel - CHA



R = Radiused Corner
P = Ext Periphery
F = Full Radius

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Non stocked item.**

Minimum order 250kg.

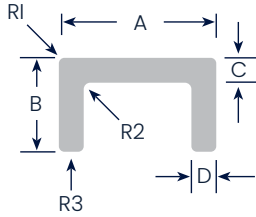
**Contact your local
branch to enquire.**

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specification drawings.*

*Radius abbreviated with
(-), contact your local
branch for specifications.*

Die No.	A	B	C	D	R1	R2	R3	kg/m	P
UA 3768	9.50	13.00	2.40	1.60				0.153	66
UA 1130	10.00	10.00	1.60	1.60				0.116	57
UA 1374	10.00	15.00	1.60	1.50				0.151	76
UA 1713	12.00	12.00	1.60	1.60				0.142	68
UA 1134	12.00	12.00	2.50	2.50				0.210	67
UA 1131	12.00	18.00	1.60	1.60				0.193	92
UA 4077	12.00	20.00	2.50	2.50				0.317	99
UA 1609	14.50	14.50	1.35	1.35				0.149	85
UA 1132	16.00	11.00	1.60	1.60				0.151	72
UA 3614	16.20	16.20	1.60	1.60				0.196	94
UA 1137	17.00	12.00	3.00	3.00				0.284	76
UA 1560	17.46	31.75	2.54	2.54				0.520	157
UA 3228	18.00	22.00	2.00	2.00	1.00			0.312	119
UA 1568	19.05	19.05	2.50	2.50				0.353	109
UA 1617	20.00	20.00	3.00	3.00				0.439	114
UA 1567	22.00	12.00	1.50	1.50				0.174	89
UA 1138	22.00	22.00	3.00	3.00				0.487	126
UA 3482	25.00	12.00	3.00	3.00				0.348	92
UA 2947	25.00	20.00	1.60	1.60				0.268	126
UA 1139	25.00	22.00	3.00	3.00				0.512	132
UA 1573	25.00	25.00	1.40	1.40				0.273	148
UA 1133	25.00	25.00	1.60	1.60				0.310	146
UA 1140	25.00	25.00	3.00	3.00				0.559	144
UA 5214	25.00	27.00	8.00	6.00	0.50		0.50	1.155	141
UA 3327	25.00	50.00	2.00	2.00				0.653	246
UA 1654	25.00	50.00	3.00	3.00				0.967	244
UA 2959	29.80	50.00	2.20	2.20	0.50	0.50	0.50	0.747	254
UA 5756	30.00	15.00	2.00	2.00				0.302	115
UA 1141	30.00	25.00	3.00	3.00				0.601	154
UA 3226	30.00	50.00	2.00	2.00				0.680	256
UA 2244	32.00	20.00	3.00	3.00				0.534	137
UA 5540	32.00	30.00	3.00	1.50				0.478	178
UA 1142	40.00	12.00	3.00	3.00				0.471	122
UA 3615	40.00	16.50	1.50	1.50				0.265	143
UA 1143	40.00	20.00	3.00	3.00				0.601	154
UA 1655	40.00	25.00	3.00	3.00				0.680	174

Channel - CHA (continued)



R = Radiused Corner
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F = Full Radius

**Blue = Mill run only.
Non stocked item.**

Minimum order 250kg.

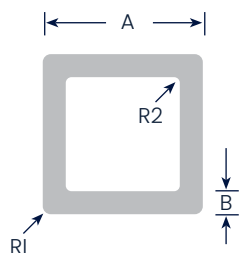
**Contact your local
branch to enquire.**

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Die No.	A	B	C	D	R1	R2	R3	kg/m	P
UA 1144	45.00	25.00	3.00	3.00				0.723	184
UA 1145	50.00	25.00	3.00	3.00				0.764	194
UA 6494	50.00	50.00	3.00	3.00	0.50	0.50	0.50	1.166	293
UA 1562	50.80	34.92	3.175	3.175				0.980	235
UA 6878	55.00	25.00	1.45	1.45				0.399	207
UA 1148	57.00	30.00	4.00	4.00				1.181	226
UA 6929	60.00	25.00	3.00	3.00				0.842	213
UA 1563	63.50	31.75	4.763	4.763				1.510	244
UA 2169	70.00	30.00	2.50	2.50		1.00		0.848	254
UA 1671	75.00	25.00	3.00	3.00				0.964	244
UA 1862	75.00	40.00	3.00	3.00				1.207	304
UA 1147	75.00	40.00	4.50	4.50				1.774	301
UA 5251	75.00	40.00	6.00	6.00	0.50	0.50	0.50	2.316	297
UA 1149	75.00	40.00	6.00	8.00				2.693	298
UA 1565	75.00	50.00	4.50	4.50				2.017	341
UA 1656	75.00	50.00	6.00	6.00				2.650	338
UA 1564	76.20	19.05	3.18	3.18				0.930	222
UA 2948	80.00	25.00	3.00	3.00				1.008	254
UA 3206	87.60	45.00	4.50	4.50				2.048	346
UA 1150	90.00	40.00	6.00	8.00				2.937	328
UA 7409	99.00	25.00	2.00	2.00	0.50	0.50	0.50	0.782	292
UA 1135	100.00	25.00	3.00	3.00				1.170	294
UA 7171	100.00	38.00	3.00	3.00				1.376	345
UA 1136	100.00	40.00	3.00	3.00				1.414	354
UA 3130	100.00	50.00	3.00	3.00				1.571	394
UA 1146	100.00	50.00	4.50	4.50				2.320	391
UA 1566	100.00	50.00	6.00	6.00				3.056	388
UA 1652	100.00	50.00	6.00	8.00				3.534	388
UA 5302	125.00	50.00	4.00	8.00	2.00	2.00	2.00	3.328	436
UA 5058	125.00	50.00	6.00	8.00	0.50	0.50	0.50	3.925	437
UA 1653	150.00	75.00	6.00	8.00				5.410	588
UA 5099	160.00	60.00	6.00	9.00	0.50	0.50	3.00	5.226	545

Square Hollow – HSA



R = Radiused Corner
P = Ext Periphery
F = Full Radius

**Blue = Mill run only.
Non stocked item.**

Minimum order 250kg.

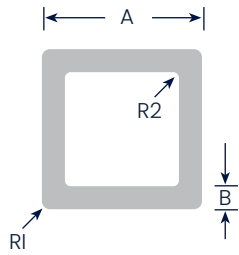
**Contact your local
branch to enquire.**

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*Radius abbreviated with
(-), contact your local
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Die No.	A	B	C	D	R1	R2	R3	kg/m	P
UA 1206	12.0	1.6						0.180	48
UA 2095	12.6	1.5						0.181	50
UA 1662	16.0	1.5						0.235	64
UA 1869	19.0	1.5			2.0	0.5		0.275	73
UA 1810	19.09	1.2						0.233	76
UA 1207	20.0	1.6			1.0			0.317	78
UA 5861	20.0	3.0			3.0	3.0		0.551	75
UA 1050	25.0	1.4						0.358	100
UA 1650	25.0	1.4			1.6	1.0		0.355	98
UA 1765	25.0	1.6			1.0			0.402	99
UA 1210	25.0	1.8						0.452	100
UA 1912	25.0	1.8			2.4			0.438	96
UA 2170	25.0	3.0						0.713	100
UA 4661	25.0	3.0			3.0	3.0		0.713	95
UA 1546	25.0	4.5						0.996	100
UA 2467	25.0	5.0			2.5			1.066	96
UA 1642	25.4	1.2						0.313	102
UA 1205	30.0	1.6						0.493	120
UA 5815	32.0	1.8			3.8	2.0		0.563	122
UA 2006	32.0	2.0						0.648	128
UA 5904	32.0	3.0			3.0			0.919	123
UA 2971	32.0	3.6						1.108	128
UA 4078	35.0	2.0						0.713	140
UA 2487	35.0	4.5			0.5	0.5		1.482	140
UA 7170	38.0	1.6			2.0			0.620	149
UA 1764	40.0	1.8			1.0			0.743	159
UA 1211	40.0	2.0						0.821	155
UA 1212	40.0	2.0			2.4			0.807	156
UA 6578	40.0	3.0			0.5	0.5		1.199	160
UA 4062	40.0	3.0			3.0			1.178	155
UA 4662	40.0	3.0			3.0	2.0		1.187	155
UA 2808	40.0	4.0						1.561	160
UA 6249	40.0	4.0			3.0			1.534	155
UA 2466	40.0	5.0			2.5			1.876	156
UA 1049	45.0	2.0						0.929	180
UA 1208	50.0	1.6			1.0			0.834	199
UA 2949	50.0	2.0						1.037	200

Square Hollow – HSA *(continued)*



R = Radiused Corner

P = Ext Periphery

F = Full Radius

**Blue = Mill run only.
Non stocked item.**

Minimum order 250kg.

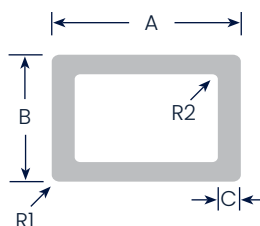
**Contact your local
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*Diagrams are schematic
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specification drawings.*

*Radius abbreviated with
(-), contact your local
branch for specifications.*

Die No.	A	B	C	D	R1	R2	R3	kg/m	P
UA 3298	50.00	2.00			4.00	2.00		1.009	194
UA 1214	50.00	3.00						1.523	200
UA 4663	50.00	3.00			3.00	3.00		1.523	195
UA 3178	50.00	3.00			4.00	1.00		1.488	194
UA 2809	50.00	4.00						1.994	200
UA 3068	50.00	5.00			4.00	4.00		2.439	194
UA 3346	60.00	3.00						1.847	240
UA 4076	63.20	6.30			0.50	0.50		3.871	252
UA 4664	65.00	3.00			5.00	5.00		2.009	252
UA 1215	75.00	3.00						2.341	300
UA 4832	75.00	3.00			4.45	6.30		2.379	293
UA 1547	75.00	4.50						3.696	300
UA 6933	75.00	5.00			6.00	1.00		3.699	290
UA 4075	76.00	6.30			0.50	0.50		4.742	304
UA 1213	100.00	3.00						3.143	400
UA 3350	100.00	3.50			5.00	1.50		3.595	392
UA 4627	100.00	4.00			4.60			4.099	393
UA 3825	100.00	4.50						4.641	400
UA 4302	100.00	5.00			0.50	0.50		5.130	400
UA 5721	100.00	6.00			12.00	6.00		5.841	380
UA 7525	150.00	3.00			3.00	1.60		4.748	595

Rectangular Hollow – HRA



R = Radiused Corner
P = Ext Periphery
F = Full Radius

**Blue = Mill run only.
Non stocked item.**

Minimum order 250kg.

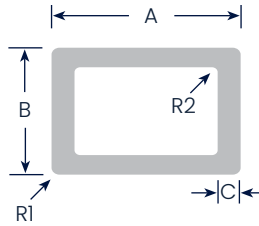
**Contact your local
branch to enquire.**

*Diagrams are schematic
only and not intended as
specification drawings.*

*Radius abbreviated with
(-), contact your local
branch for specifications.*

Die No.	A	B	C	D	R1	R2	R3	kg/m	P
UA 7454	30.00	10.00	1.60					0.318	80
UA 4981	38.00	25.00	1.60		1.00			0.514	125
UA 3619	38.00	25.00	2.00		1.00			0.635	125
UA 5051	40.00	14.90	3.00		2.50	0.50		0.778	106
UA 1988	40.00	20.00	1.60					0.491	120
UA 5489	40.00	20.00	1.60		1.80			0.483	117
UA 2811	40.00	20.00	3.00					0.875	120
UA 3361	40.00	25.00	1.60					0.534	130
UA 1979	40.00	25.00	2.00					0.659	130
UA 2944	40.00	25.00	3.00					0.959	130
UA 2806	40.00	30.00	2.50					0.877	140
UA 4772	50.00	25.00	1.60		1.60			0.614	148
UA 1197	50.00	25.00	2.50					0.948	150
UA 2945	50.00	25.00	3.00					1.122	150
UA 4635	50.00	25.00	3.00		4.00	1.00		1.083	144
UA 3067	50.00	25.00	5.00		4.00	4.00		1.762	144
UA 2654	50.00	30.00	2.00					0.824	160
UA 2461	50.00	38.00	2.00		3.00	1.00		0.889	171
UA 1200	50.00	40.00	3.00					1.361	180
UA 4721	50.00	40.00	3.00		10.00	7.00		1.243	163
UA 2810	50.00	40.00	4.00					1.771	180
UA 3066	60.00	25.00	5.00		4.00	4.00		2.033	164
UA 3069	60.00	35.00	5.00		4.00	4.00		2.295	184
UA 3344	60.00	40.00	3.00					1.523	200
UA 5169	65.00	50.00	2.50		4.00	1.50		1.453	224
UA 2486	65.00	50.00	3.00		0.50	1.00		1.770	230
UA 4849	75.00	25.00	1.60					0.836	200
UA 7117	75.00	25.00	2.20		1.00			1.133	199
UA 1537	75.00	40.00	2.00					1.199	230
UA 7714	75.00	40.00	3.00		3.00	0.50		1.746	225
UA 1204	75.00	40.00	6.00					3.350	230
UA 1536	75.00	45.00	2.00					1.253	240
UA 5362	75.00	45.00	3.00		6.00	0.50		1.784	230

Rectangular Hollow – HRA (continued)



R = Radiused Corner
P = Ext Periphery
F = Full Radius

**Blue = Mill run only.
Non stocked item.**

Minimum order 250kg.

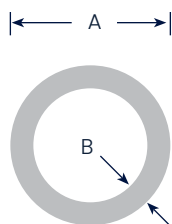
**Contact your local
branch to enquire.**

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Die No.	A	B	C	D	R1	R2	R3	kg/m	P
UA 2946	75.00	50.00	3.00					1.935	250
UA 4833	75.00	50.00	3.00		4.45	6.30		1.974	243
UA 2106	75.00	50.00	4.00		2.00	0.80		2.529	247
UA 3045	75.00	50.00	6.00		0.50			3.661	250
UA 7169	76.00	38.00	3.00		0.50	0.50		1.750	228
UA 5242	80.00	40.00	3.00		2.50	2.50		1.847	236
UA 3585	80.00	40.00	4.00					2.419	240
UA 6837	80.00	50.00	3.00		0.80			2.007	259
UA 3299	80.00	50.00	3.00		4.00	1.00		1.974	254
UA 3586	80.00	60.00	4.00					2.851	280
UA 1198	100.00	25.00	2.00					1.312	250
UA 7672	100.00	25.00	2.00		1.00			1.304	249
UA 5720	100.00	25.00	2.50		0.50	0.50		1.620	250
UA 1201	100.00	45.00	3.00					2.260	290
UA 3546	100.00	50.00	2.00					1.577	300
UA 1202	100.00	50.00	3.00					2.333	300
UA 4477	100.00	50.00	3.00		4.60	1.60		2.290	293
UA 4743	100.00	50.00	3.50		6.00	2.50		2.634	290
UA 2807	100.00	50.00	4.00					3.067	300
UA 4631	100.00	50.00	4.00		6.00	2.00		2.993	290
UA 1923	100.00	50.00	6.00		4.60			4.422	293
UA 3300	100.00	75.00	2.50		4.00	1.50		2.262	344
UA 1203	100.00	75.00	3.00					2.748	350
UA 3419	120.00	60.00	3.00					2.819	360
UA 1199	125.00	50.00	3.00					2.738	350
UA 4628	125.00	50.00	4.00		6.00	2.00		3.533	340
UA 4629	125.00	50.00	6.00		8.00	2.00		5.142	337
UA 4316	150.00	50.00	3.00		5.00	2.00		3.094	392
UA 2030	150.00	50.00	4.00					4.147	400
UA 3660	150.00	50.00	5.00		10.00	5.00		4.956	383
UA 4630	150.00	50.00	6.00		8.00	2.00		5.952	387
UA 4755	152.00	76.00	6.00		6.00	2.00		6.95	446
UA 5453	152.40	76.20	4.00		4.50	0.50		4.719	450
UA 6250	200.00	50.00	3.50		1.50			4.587	498

Extruded Round Tube – HTA



R = Radiused Corner
P = Ext Periphery
F = Full Radius

**Blue = Mill run only.
Non stocked item.**

Minimum order 250kg.

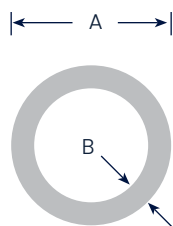
**Contact your local
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Die No.	A	B	C	D	R1	R2	R3	kg/m	P
UA 1924	6.35	1.42						0.059	20
UA 1542	7.94	1.42						0.079	25
UA 1229	9.53	1.45						0.099	30
UA 2028	12.70	0.90						0.090	40
UA 1230	12.70	1.45						0.138	40
UA 4153	12.70	2.20						0.196	40
UA 3141	15.88	1.22						0.152	50
UA 1231	15.90	1.45						0.178	50
UA 2001	16.00	1.20						0.151	51
UA 2722	16.00	1.60						0.196	51
UA 1657	16.00	2.50						0.287	51
UA 1916	19.05	1.22						0.184	60
UA 1928	19.05	2.00						0.289	60
UA 1232	19.10	1.45						0.218	60
UA 1225	20.00	1.20						0.192	63
UA 1968	20.00	1.60						0.251	63
UA 7803	20.00	2.00						0.305	63
UA 4121	20.00	3.00						0.433	63
UA 2740	21.00	4.00						0.579	66
UA 1226	22.00	1.20						0.213	70
UA 1233	22.20	1.45						0.256	70
UA 6432	22.50	2.00						0.348	71
UA 2783	24.00	1.50						0.287	76
UA 1227	25.00	1.20						0.243	79
UA 1969	25.00	1.60						0.318	79
UA 1245	25.00	2.00						0.392	79
UA 1248	25.00	3.00						0.562	79
UA 2027	25.40	1.20						0.246	80
UA 1234	25.40	1.45						0.296	80
UA 5840	25.40	3.00						0.570	80
UA 1235	28.58	1.45						0.335	90
UA 1243	30.00	1.60						0.387	95
UA 1249	30.00	3.00						0.690	95
UA 3453	31.00	3.00						0.713	98

Extruded Round Tube – HTA *(continued)*



R = Radiused Corner

P = Ext Periphery

F = Full Radius

**Blue = Mill run only.
Non stocked item.**

Minimum order 250kg.

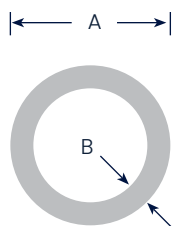
**Contact your local
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Die No.	A	B	C	D	R1	R2	R3	kg/m	P
UA 2465	31.00	5.00						1.103	98
UA 1236	31.75	1.45						0.374	100
UA 2942	32.00	1.60						0.414	101
UA 2268	32.00	2.00						0.509	101
UA 2786	32.00	3.00						0.741	101
UA 1237	34.90	1.45						0.413	110
UA 2379	37.00	3.00						0.865	117
UA 2739	37.00	5.00						1.362	117
UA 2758	38.00	3.00						0.894	120
UA 1238	38.10	1.45						0.452	120
UA 5438	38.10	2.00						0.612	120
UA 2210	38.10	3.25						0.964	120
UA 4997	38.10	4.80						1.356	120
UA 6157	40.00	2.00						0.645	126
UA 1250	40.00	3.00						0.945	126
UA 1239	41.30	1.45						0.492	130
UA 1240	44.45	1.45						0.531	140
UA 5265	44.45	3.00						1.055	140
UA 1619	45.00	3.00						1.069	142
UA 2898	45.00	14.50						3.765	142
UA 1241	47.60	1.45						0.570	150
UA 9027	48.00	3.00						1.145	151
UA 4425	48.00	6.50						2.288	151
UA 1256	48.40	4.50						1.676	153
UA 4138	48.60	3.35						1.285	154
UA 4122	48.60	3.45						1.321	153
UA 2950	50.00	1.60						0.659	158
UA 1246	50.00	1.925						0.785	158
UA 1251	50.00	3.00						1.196	158
UA 5937	50.00	4.00						1.561	158
UA 2760	50.00	6.00						2.239	158
UA 1242	50.80	1.45						0.609	160
UA 6920	50.80	2.00						0.828	160
UA 1769	50.80	2.64						1.078	160
UA 5171	57.20	2.00						0.936	180
UA 5939	60.00	4.00						1.900	189
UA 5172	63.50	2.00						1.043	200
UA 5199	63.50	3.00						1.540	200

Extruded Round Tube – HTA *(continued)*



R = Radiused Corner
P = Ext Periphery
F = Full Radius

**Blue = Mill run only.
Non stocked item.**

Minimum order 250kg.

**Contact your local
branch to enquire.**

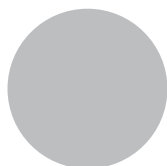
*Diagrams are schematic
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*Radius abbreviated with
(-), contact your local
branch for specifications.*

Die No.	A	B	C	D	R1	R2	R3	kg/m	P
UA 2666	63.50	4.50						2.260	200
UA 1538	63.50	6.35						3.078	200
UA 1244	65.00	1.60						0.864	205
UA 1252	65.00	3.00						1.584	205
UA 4708	65.00	3.50						1.826	205
UA 1073	65.00	5.00						2.554	205
UA 1658	75.00	1.60						1.000	236
UA 1253	75.00	3.00						1.839	236
UA 2665	75.00	4.50						2.701	236
UA 4826	75.00	6.00						3.512	236
UA 5170	76.20	2.00						1.259	240
UA 4727	76.20	8.10						4.679	240
UA 2772	80.00	2.00						1.328	252
UA 5165	80.00	8.00						4.886	252
UA 1680	86.00	3.00						2.112	271
UA 1254	90.00	3.00						2.222	283
UA 1540	100.00	1.60						1.340	315
UA 3216	100.00	2.00						1.663	315
UA 1247	100.00	3.00						2.477	315
UA 1255	100.00	6.00						4.784	315
UA 6709	101.60	2.00						1.690	320
UA 4780	114.30	6.35						5.814	360
UA 1659	125.00	3.00						3.116	393
UA 3722	150.00	3.20						3.985	472
UA 6084	152.40	5.00						6.251	479
UA 7104	203.20	3.18						5.395	639

Solid Round – BRAL

← A →



R = Radiused Corner

P = Ext Periphery

F = Full Radius

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Non stocked item.**

Minimum order 250kg.

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branch to enquire.**

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*Radius abbreviated with
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Die No.	A	B	C	D	R1	R2	R3	kg/m	P
UA 1271	4.76							0.048	15
UA 1270	6.35							0.086	20
UA 1269	7.94							0.134	25
UA 1258	9.50							0.193	30
UA 1259	12.70							0.343	40
UA 1260	15.88							0.536	50
UA 1261	19.05							0.772	60
UA 2038	20.00							0.851	63
UA 1262	25.40							1.373	80
UA 6759	28.00							1.663	88
UA 1263	31.75							2.146	100
UA 1264	38.10							3.090	120
UA 2995	44.40							4.205	140
UA 1265	50.80							5.493	160
UA 1266	63.50							8.582	200
UA 1267	76.20							12.359	240
UA 1868	88.90							16.759	280
UA 1268	101.60							21.971	320
UA 7173	127.00							34.203	399
UA 7174	152.40							49.252	479
UA 7175	177.80							67.037	559
UA 7176	203.20							87.559	639
UA 7339	228.60							110.817	719

Solid Square – BSAL

← A →



Die No.	A	B	C	D	R1	R2	R3	kg/m	P
UA 1279	6.35							0.109	25
UA 1272	9.50							0.244	38
UA 1273	12.70							0.437	51
UA 1274	19.05							0.983	76
UA 1275	25.40							1.748	102
UA 1276	31.75							2.732	127
UA 1277	38.10							3.934	152
UA 1278	50.80							6.993	203

Solid Hexagon – BHAL

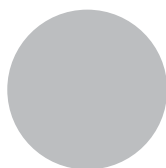
← A →



Die No.	A	B	C	D	R1	R2	R3	kg/m	P
UA 1607	11.11							0.290	39

Solid Free Machining Rod – BRAM

← A →



Grade: Grade in here

P = Ext Periphery

**Blue = Mill run only.
Non stocked item.**

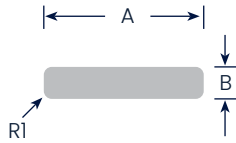
Minimum order 250kg.

**Contact your local
branch to enquire.**

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only and not intended as
specification drawings.*

Diam.	A	FREE MACHINING SOLID ROF 2011 - T3 TO T6	kg/m
9.53			0.202
12.70			0.358
15.88			0.560
19.05			0.807
22.22			1.098
25.40			1.434
31.75			2.241
38.10			3.226
44.45			4.392
50.80			5.736
63.50			8.962
76.20			12.906
88.90			17.566
101.60			22.944
127.00			35.850
152.40			51.623
177.80			67.286
203.20			91.775
228.60			116.153

Flat Bar – BFAL



Grade Used Concrete

P = Ext Periphery
F = Full Radius

**Blue = Mill run only.
Non stocked item.**

Minimum order 250kg.

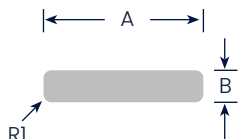
**Contact your local
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Die No.	A	B	C	D	R1	R2	R3	kg/m	P
UA 1165	10.00	2.30						0.062	25
UA 2029	12.00	1.60						0.052	27
UA 1170	12.00	3.00						0.097	30
UA 1921	12.00	3.00			F			0.092	28
UA 1179	12.00	4.50						0.146	33
UA 1551	12.00	6.00						0.195	36
UA 1171	16.00	3.00						0.130	38
UA 1004	19.00	4.50			F			0.220	44
UA 1151	20.00	1.60						0.087	43
UA 1172	20.00	3.00						0.162	46
UA 1180	20.00	4.50						0.244	49
UA 1188	20.00	6.00						0.324	52
UA 1152	25.00	1.60						0.108	53
UA 1173	25.00	3.00						0.203	56
UA 1181	25.00	4.50						0.305	59
UA 3153	25.00	5.00						0.337	60
UA 1189	25.00	6.00						0.406	62
UA 1153	25.00	10.00						0.677	70
UA 1159	25.00	12.00						0.813	74
UA 1174	30.00	3.00						0.244	66
UA 2684	30.00	3.00			F			0.239	64
UA 1552	30.00	4.50						0.364	69
UA 1190	30.00	6.00						0.488	72
UA 2937	32.00	3.00						0.268	70
UA 4225	36.00	6.00						0.583	84
UA 3154	38.00	4.50						0.461	85
UA 9028	38.00	6.00						0.615	88
UA 1175	40.00	3.00						0.325	86
UA 1182	40.00	4.50						0.488	89
UA 1191	40.00	6.00						0.650	92
UA 1154	40.00	10.00						1.084	100
UA 1160	40.00	12.00						1.301	104
UA 1164	40.00	16.00						1.734	112
UA 1176	45.00	3.00						0.366	96
UA 1553	45.00	6.00						0.731	102
UA 1177	50.00	3.00						0.406	106
UA 1183	50.00	4.50						0.610	109
UA 2757	50.00	4.50			2.00			0.600	106
UA 5281	50.00	5.00			0.50			0.674	110
UA 1192	50.00	6.00						0.813	112
UA 2737	50.00	8.00						1.084	116
UA 1155	50.00	10.00						1.350	120
UA 1161	50.00	12.00						1.626	124
UA 6054	50.00	20.00						2.700	140

Flat Bar – BFAL *(continued)*



R = Radiused Corner
P = Ext Periphery
F = Full Radius

**Blue = Mill run only.
Non stocked item.**

Minimum order 250kg.

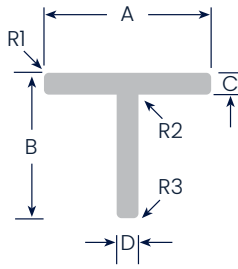
**Contact your local
branch to enquire.**

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Die No.	A	B	C	D	R1	R2	R3	kg/m	P
UA 1167	50.00	25.00						3.387	150
UA 1877	60.00	3.00			F			0.481	124
UA 2250	60.00	4.50			F			0.717	126
UA 2397	60.00	6.00						0.971	132
UA 3641	60.00	6.00			F			0.951	127
UA 3515	60.00	10.00			F			1.562	132
UA 4712	60.00	12.00						1.944	144
UA 1193	65.00	6.00						1.053	142
UA 1162	65.00	12.00						2.114	154
UA 1178	75.00	3.00						0.610	156
UA 1184	75.00	4.50						0.914	159
UA 1194	75.00	6.00						1.215	162
UA 1618	75.00	6.00			2.40			1.206	158
UA 1156	75.00	10.00						2.025	170
UA 1163	75.00	12.00						2.439	174
UA 4123	75.00	16.00						3.239	182
UA 1554	75.00	20.00						4.065	190
UA 1168	75.00	25.00						5.081	200
UA 2938	80.00	3.00						0.650	166
UA 2940	80.00	6.00						1.301	172
UA 1074	80.00	6.00			F			1.280	167
UA 5280	80.00	8.00			0.50			1.727	176
UA 7404	80.00	10.00						2.160	180
UA 7107	80.00	15.00			0.50			3.239	190
UA 1169	100.00	3.00						0.810	206
UA 1186	100.00	6.00						1.620	212
UA 1555	100.00	10.00						2.710	220
UA 1157	100.00	12.00						3.252	224
UA 1166	100.00	25.00						6.775	250
UA 1187	125.00	6.00						2.032	262
UA 2733	125.00	10.00						3.387	270
UA 1556	125.00	12.00						4.065	274
UA 6169	125.00	15.00		0.50				5.092	280
UA 3479	150.00	3.00						1.215	306
UA 1557	150.00	6.00						2.439	312
UA 7134	150.00	8.00		0.50				3.239	316
UA 7133	150.00	10.00		0.50				4.049	320
UA 1158	150.00	12.00						4.878	324
UA 2941	160.00	6.00						2.592	332
UA 3408	160.00	10.00		0.50				4.319	340
UA 4430	200.00	10.00						5.399	420

Tee - BTEE



R = Radiused Corner

P = Ext Periphery

F = Full Radius

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Non stocked item.**

Minimum order 250kg.

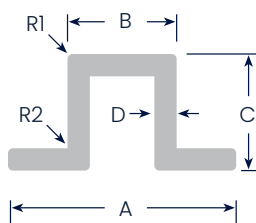
**Contact your local
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*Radius abbreviated with
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Die No.	A	B	C	D	R1	R2	R3	kg/m	P
UA 1216	20.00	2.50	1.60	1.60				0.675	205
UA 1217	20.00	20.00	3.00	3.00				0.301	80
UA 1543	22.22	12.70	3.17	3.17				0.272	70
UA 1987	25.00	25.00	1.60	1.60				0.210	100
UA 1218	25.00	25.00	3.00	3.00				0.382	100
UA 1967	25.00	38.00	1.20	1.20				0.201	126
UA 4224	28.00	50.00	4.00	4.00		3.00		0.809	153
UA 2830	30.00	22.00	2.00	2.00				0.271	104
UA 1544	38.10	19.05	1.59	1.59				0.238	115
UA 1219	40.00	40.00	3.00	3.00				0.626	160
UA 1545	40.00	40.00	4.50	4.50				0.917	160
UA 3003	40.00	50.00	6.00	6.00	2.00	6.00	2.00	1.394	170
UA 1344	44.50	25.50	2.50	2.50	F		F	0.452	137
UA 3059	50.00	50.00	2.00	2.00				0.529	200
UA 1958	50.00	50.00	3.00	3.00				0.788	199
UA 1220	50.00	50.00	6.00	6.00				1.528	200
UA 5277	50.00	60.00	6.00	4.00		5.00		1.421	215
UA 3004	50.00	75.00	6.00	6.00	2.00	6.00	2.00	1.956	240
UA 4517	50.00	100.00	6.00	6.00				2.332	299
UA 3005	50.00	150.00	8.00	8.00	2.00	6.00	2.00	4.175	390
UA 2787	60.00	60.00	6.00	6.00		5.00		1.882	235
UA 5238	65.00	100.00	8.00	8.00	0.50	4.00	0.50	3.409	326
UA 2437	70.00	40.00	4.00	4.00	3.50	1.00	1.00	1.135	215
UA 1714	75.00	75.00	4.50	4.50		2.00		1.772	299

Top Hat – XHAT



R = Radiused Corner
P = Ext Periphery
F = Full Radius

**Blue = Mill run only.
Non stocked item.**

Minimum order 250kg.

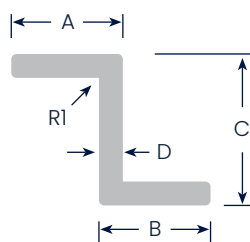
Contact your local
branch to enquire.

*Diagrams are schematic
only and not intended as
specification drawings.*

*Radius abbreviated with
(-), contact your local
branch for specifications.*

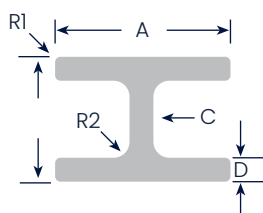
Die No.	A	B	C	D	R1	R2	R3	kg/m	P
UA 1280	50.00	25.00	16.00	1.50				0.320	160
UA 1281	57.00	24.00	28.00	2.30				0.675	221
UA 6724	60.00	25.00	22.00	2.40				0.642	202
UA 1569	60.00	30.00	30.00	2.50				0.776	234
UA 1283	65.00	30.00	30.00	2.50				0.810	244
UA 2510	68.00	38.00	57.00	3.00				1.425	357
UA 1620	70.00	38.00	45.00	3.00				1.247	314
UA 1621	75.00	32.00	45.00	3.00				1.288	324
UA 3575	100.00	60.00	29.00	5.00	2.00	2.00		1.997	299
UA 3813	110.00	58.00	50.00	4.00				2.181	411
UA 1284	110.00	66.00	28.00	3.00				1.300	325
UA 1282	125.00	62.00	30.00	3.00				1.455	363
UA 7628	134.00	60.00	100.00	3.00	0.50	0.50		2.656	660

Zed – XZED



Die No.	A	B	C	D	R1	R2	R3	kg/m	P
UA 1221	16.00	20.00	25.00	1.60				0.251	119
UA 2983	18.50	20.00	15.00	1.50	B LEG 2.75			0.267	104
UA 1222	20.00	20.00	25.00	3.00				0.480	124
UA 1639	25.00	19.00	17.00	1.60				0.250	118
UA 1223	25.00	25.00	30.00	3.00				0.602	154
UA 1487	31.80	31.80	152.40	3.00				1.701	426
UA 5813	40.00	48.00	55.00	6.00				2.122	273

I Beam – XIB



Die No.	A	B	C	D	R1	R2	R3	kg/m	P
UA 1196	40.00	40.00	3.00	3.00				0.927	234
UA 1493	69.90	102.00	3.43	5.54		3.00		3.083	490
UA 4389	100.00	150.00	7.10	9.50		11.10		7.926	665

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P = Ext Periphery
F = Full Radius

**Blue = Mill run only.
Non stocked item.**

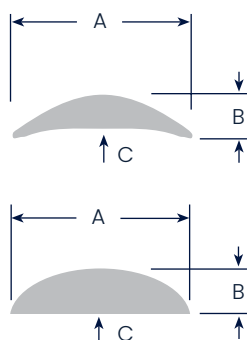
Minimum order 250kg.

[Contact your local branch to enquire.](#)

Diagrams are schematic only and not intended as specification drawings.

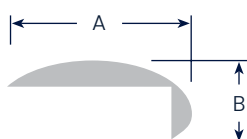
Radius abbreviated with (-), contact your local branch for specifications.

Half Round – BHR



Die No.	A	B	C	D	R1	R2	R3	kg/m	P
UA 1445	19.00	4.50	CONCAVE					0.113	42
UA 1446	25.50	4.50	CONCAVE					0.149	54
UA 1447	32.00	6.00	CONCAVE					0.275	68
UA 1448	38.00	6.00	CONCAVE					0.325	79
UA 1449	51.00	6.00	FLAT					0.578	105

Cope Mould – XCOP



Die No.	A	B	C	D	R1	R2	R3	kg/m	P
UA 1501	18.50	18.50						0.181	68
UA 1500	23.80	8.26						0.149	59
UA 1499	34.43	14.53						0.346	88