

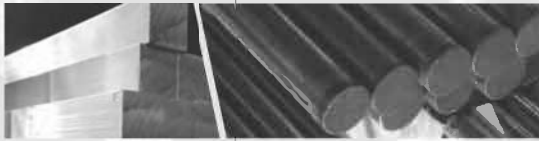


Cobham Aluminium



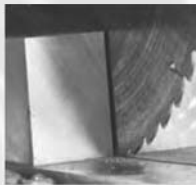
BAR, PIPE, TUBE, & STRUCTURAL SHAPES

ALUMINUM	BRASS / BRONZE / BERYLLIUM / COPPER	CARBON / ALLOY STEEL	NICKEL ALLOY	STAINLESS STEEL	
2011 2024 6061 7050 7075	AT (ANN) HT CDA 360 CDA 630 (1/2 H)	1018 1045 1144 4130 4140 4145 4150 8620	K500 400 405 600 625 718 825 2205	13-8 15-5 <i>(Available in Heat Treated Conditions)</i> 17-4 <i>(DA H1150, H1025, H1075, H900, & PSQ)</i> 300 Series 410 <i>(LQ & DT)</i>	416 <i>(Q&T & PSQ)</i> 420 <i>(LQ & DT)</i> MP35N NITRONIC 50 <i>(Annealed, High Strength, & PSQ)</i> NITRONIC 60



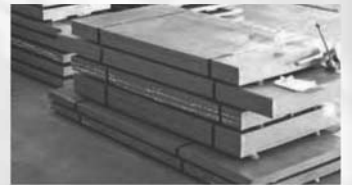
PLATE

ALUMINUM	STAINLESS STEEL
2024-T351 5052-H32, H321 6061-T651 7050-T7451 7075-T651, T73 T7351 K100-S Cast Plate 3003 & 6061 Tread Plate	13-8 15-5



SHEET

ALUMINUM	BRASS / BRONZE	STAINLESS STEEL COLD ROLL
1100-H14 3003-H14 5005-H14 & H34 5052-H32 & H34 2024-T3 6061-T4, T6 7075-T6	CDA 260 CDA 360 CDA 464 CDA 630	COLD ROLL 300 Series



MAKE COBHAM YOUR ONE STOP METALS SERVICE CENTER CALL US FOR YOUR METAL AND PROCESSING REQUIREMENTS

WEDNESBURY

West Midlands, England | Corporate Headquarters

Parkway House Unit 6, Parkway
Industrial Estate, Pacific Avenue,
WS10 7WP
Email: sales@cobhamaluminium.com

CARDIFF

Cardiff, England | Manufacturing and Distribution Center

Unit F2, Capital Business Park,
Wentloog, Cardiff,
CF3 2PU
Email: sales@cobhamaluminium.com

FRACTION/DECIMAL/ METRIC CONVERSION CHART

4TH	8TH	16TH	32ND	64TH	INCH	MM
				1/64	.016	.397
			1/32	3/64	.031	.794
				5/64	.078	1.984
		1/16	3/32	7/64	.109	2.788
				9/64	.141	3.572
			5/32	11/64	.172	4.366
				13/64	.203	5.159
			7/32	15/64	.234	5.953
1/4				17/64	.266	6.747
			9/32	19/64	.297	7.541
		5/16		21/64	.328	8.334
			11/32	23/64	.359	9.128
				25/64	.391	9.922
			13/32	27/64	.422	10.716
			7/16	29/64	.453	11.509
				31/64	.484	12.303
1/2				33/64	.516	13.097
			17/32	35/64	.547	13.891
				37/64	.578	14.684
		9/16	19/32	39/64	.609	15.478
				41/64	.641	16.272
		5/8		43/64	.672	17.066
			21/32	45/64	.703	17.859
				47/64	.734	18.653
			11/16	49/64	.766	19.447
				51/64	.797	20.241
3/4				53/64	.828	21.034
			13/16	55/64	.859	21.828
				57/64	.891	22.622
		7/8		59/64	.922	23.416
			29/32	61/64	.953	24.209
				63/64	.984	25.003
1					1.000	25.400

BRINELL AND ROCKWELL HARDNESS CONVERSION CHART

BRINELL HARDNESS TUNGSTEN CARBIDE BALL 3000 KG	ROCKWELL HARDNESS			TENSILE STRENGTH (APPROX.)
	A SCALE 60KG	B SCALE 100KG	C SCALE 150KG	
638	80.8	-	59.2	329,000
630	80.6	-	58.8	324,000
627	80.5	-	58.7	323,000
601	79.8	-	57.3	309,000
578	79.1	-	56	297,000
555	78.4	-	54.7	285,000
534	77.8	-	53.5	274,000
514	76.9	-	52.1	263,000
495	76.3	-	51	253,000
477	75.6	-	49.6	243,000
461	74.9	-	48.5	235,000
444	74.2	-	47.1	225,000
429	73.4	-	45.7	217,000
415	72.8	-	44.5	210,000
401	72	-	43.1	202,000
388	71.4	-	41.8	195,000
375	70.6	-	40.4	188,000
363	70	-	39.1	182,000
352	69.3	-	37.9	176,000
341	68.7	-	36.6	170,000
331	68.1	-	35.5	166,000
321	67.5	-	34.3	160,000
311	66.9	-	33.1	155,000
302	66.3	-	32.1	150,000
293	65.7	-	30.9	145,000
285	65.3	-	29.9	141,000
277	64.6	-	28.8	137,000
269	64.1	-	27.6	133,000
262	63.6	-	26.6	129,000
255	63	-	25.4	126,000
248	62.5	-	24.2	122,000
241	61.8	100	22.8	118,000
235	61.4	99	21.7	115,000
229	60.8	98.2	20.5	111,000
223	-	97.3	20	-
217	-	96.4	18	105,000
212	-	95.5	17	102,000
207	-	94.6	16	100,000
201	-	93.8	15	98,000
197	-	92.8	-	95,000
192	-	91.9	-	93,000
187	-	90.7	-	90,000
183	-	90	-	89,000
179	-	89	-	87,000
174	-	87.8	-	85,000
170	-	86.8	-	83,000
167	-	86	-	81,000
163	-	85	-	79,000
156	-	82.9	-	76,000
149	-	80.8	-	73,000
143	-	78.7	-	71,000
137	-	76.4	-	67,000
131	-	74	-	65,000
126	-	72	-	63,000
121	-	69.8	-	60,000
116	-	67.6	-	58,000
111	-	65.7	-	56,000

SERVING THE OIL & GAS INDUSTRY



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FRACTION/DECIMAL/ METRIC CONVERSION CHART

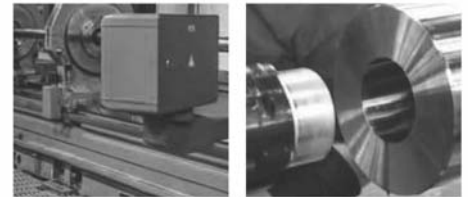
4TH	8TH	16TH	32ND	64TH	INCH	MM
				1/64	.016	.397
			1/32		.031	.794
				3/64	.047	1.191
		1/16			.063	1.588
			3/32	5/64	.078	1.984
				7/64	.109	2.788
	1/8				.125	3.175
				9/64	.141	3.572
			5/32		.156	3.969
				11/64	.172	4.366
		3/16			.188	4.762
				13/64	.203	5.159
			7/32		.219	5.556
				15/64	.234	5.953
1/4					.250	6.350
				17/64	.266	6.747
			9/32		.281	7.144
				19/64	.297	7.541
		5/16			.313	7.938
				21/64	.328	8.334
			11/32		.344	8.731
				23/64	.359	9.128
	3/8				.375	9.525
				25/64	.391	9.922
			13/32		.406	10.319
				27/64	.422	10.716
		7/16			.439	11.112
				29/64	.453	11.509
			15/32		.469	11.906
				31/64	.484	12.303
1/2					.500	12.700
				33/64	.516	13.097
			17/32		.531	13.494
				35/64	.547	13.891
					.563	14.288
		9/16			.578	14.684
			19/32		.594	15.081
				39/64	.609	15.478
					.625	15.875
	5/8				.641	16.272
			21/32		.656	16.669
				43/64	.672	17.066
					.688	17.462
		11/16			.703	17.859
			23/32		.719	18.256
				47/64	.734	18.653
3/4					.750	19.050
				49/64	.766	19.447
			25/32		.781	19.844
				51/64	.797	20.241
					.812	20.638
		13/16			.828	21.034
			27/32		.844	21.431
				55/64	.859	21.828
					.875	22.225
	7/8				.891	22.622
			29/32		.906	23.019
				59/64	.922	23.416
					.938	23.812
		15/16			.953	24.209
			31/32		.969	24.606
				63/64	.984	25.003
1					1.000	25.400



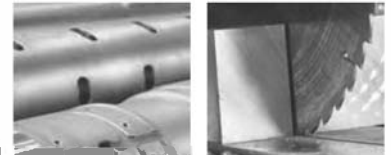
PROCESSING CAPABILITIES

• BORING - UP TO 40'

- Honing
- Gundrilling
- Trepanning
- Skiving
- Counterboring
- Bar straightening - 1,000 ton press
- Machining



- 4 & 5 axis mill centers up to 30'
- Auto tool changers
- Coil tube welding
- 60,000 ft.



• PLATE SAW CUTTING

- Circle saw - minimum 10" diameter
- Cut aluminum plate up to 8" thick, 60" wide
- Precision cut copper based plate
- NC controlled aluminum saws for large quantity precision tolerance blanks for production applications



• SLITTING

- Traverse winding



• CUT-TO-LENGTH

- Up to 60" wide, 240" length
- Medium gauges



• SHEARING

- 1/4" x 12'

• BAR SAW CUTTING

- Hem / Metal Saw



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