

# Information Pages

# CARBIDE (UK) LTD

*Tooling Specialists*

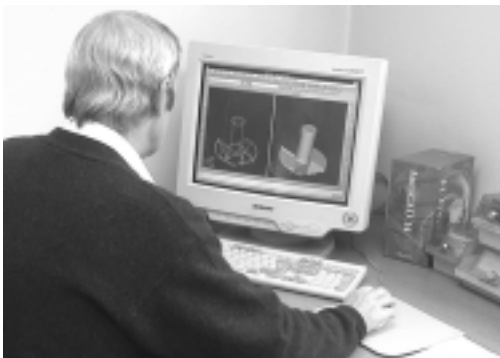
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Carbide (UK) LTD.



Walter CNC machining center.



CAD Workstations.

**Carbide (UK) LTD was formed in 1984 to supply woodworking tooling to mainly Industrial users. The business was then extended to provide servicing of all kinds of wood and metal cutting tools.**

**The company continued to grow and in 1993 it was decided to begin the manufacture in house of many of the tools we had previously had to purchase from other countries.**

**Investment was made in many areas, including Hi Tech C.N.C. machining centers and AutoCAD systems. This enabled us to produce high quality tooling at an affordable price. In our own manufacture are simple tools such as rebate heads, serrated blocks, planer blocks, hydro heads, along with complex disposable tip tooling for window and door sets.**

**The latest addition to our manufactured range include Solid Carbide Spiral Router Cutters created on CNC grinding machines, enabling guaranteed accuracy and repeatability, this principle also applies to the C.N.C grinding of complex profile tips.**

**Carbide (UK) LTD has always been committed to provide our customers with a good all round service; with the sales, manufacturing and servicing facilities. Always looking towards the future, we pursue new technology to increase this commitment and will continue investment to do so.**

*The main manufacturing and servicing site of Carbide (UK) LTD and The Saw Servicing Centre is in Hull, East Yorkshire, England. Details of how to reach us are contained on the next page.*

*As well as the manufacturing and servicing facilities the customer service counter is open at the Hull premises to deal with enquiries and deliveries to do with Carbide (UK) LTD, or the Carbide Toolbank Catalogue.*

# CARBIDE (UK) LTD

*Tooling Specialists*

Tel No. (UK) 01482 – 227234 (6 lines)

Fax No. (UK) 01482 - 212902

01-003



Europe.



England.



Hull inner City.

## Getting to Carbide (UK) LTD.

**CARBIDE (UK) LTD**  
**8 Park Street**  
**Anlaby Road**  
**Hull**  
**HU3 2JF**  
**The United Kindgom**

Hull is situated on the Humber estuary in the North English county of East Yorkshire. It is serviced by Humberside and Leeds / Bradford airports within ½hr & 1.5 hrs respectively.

The city is serviced by the M62 motorway running directly to Hull which also has a large national train network connection. Also in Hull is one of Europe's largest Ferry ports travelling between the Humber and all of mainland northern Europe.

## Travelling by road.

### From the West.

#### M62 / A63 – Hull.

Continue through the end of the M62 onto the A63 into the city centre. After the flyover take a left at the Princess Quay junction following the A1079. Through a first set of lights, take a left at the second in the town centre. Continue out of town to the first set of lights and take the second right, after the bridge turning, into Park Street. Carbide (UK) LTD is situated to the end of the street on the left.

### From the North.

Carbide is reached easily from the north by joining the A63 at Ferriby. From York and Beverly continue on the A15 ring road from Willerby to the Humber Bridge roundabout. Here take a right towards Hull. At the next roundabout take the second left, major left, with left lane access directly to the A63 eastbound into Hull. From here follow the directions as if by arriving from the west.

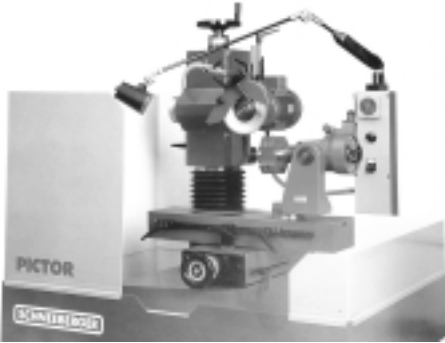
### From the South.

The M1 & A1 run directly to the M18 from north or south. Join the M18 from the M1 or A1 in either direction and head East onto the M62. Follow the M62 into the A63 into Hull and follow the direction as if by arriving from the west.

Travelling from south of the Humber. Take the M180, A46 to the A15 depending on origin. Follow the A15 north to the Humber Bridge\*. Cross the bridge and turn left at the Bridge roundabout towards Hull.

At the next roundabout take the second left, major left, with left lane access directly to the A63 eastbound into Hull. From here follow the directions as if by arriving from the west.

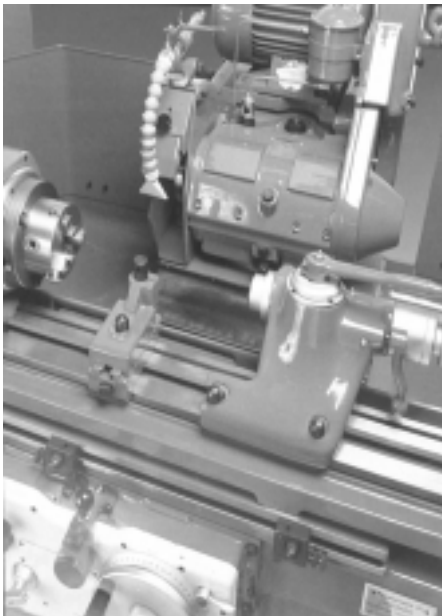
\* Humber Bridge – Bridge Toll, subject to vehicle.



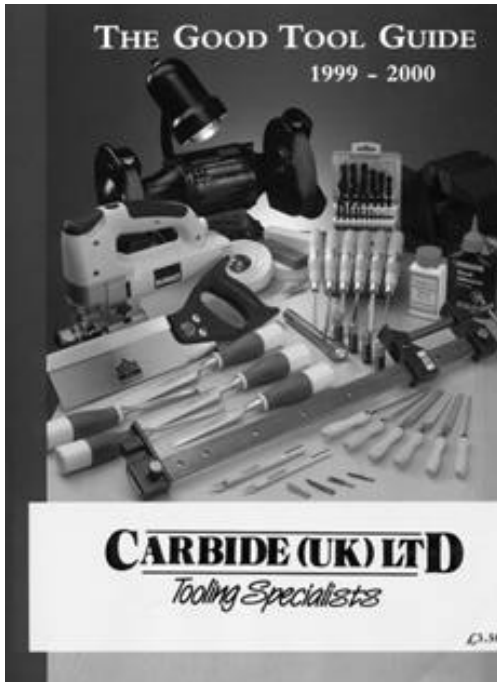
## The Saw Servicing Centre

The Saw Servicing Centre is a Regrind shop housed within the Carbide premises at the Park Street site in Hull. SSC is a highly skilled and modern machine shop equipped to regrind TCT, HSS, Stellite, Diamond and other tipped machining tools for the woodworking industry and others.

As a member of *The Saw Doctors Association* Carbide (UK) is a leader in quality, precision and value. All sawblades contained in this catalogue can be serviced at the Saw Servicing Centre for a competitive price. Having both the manufacturing and servicing industry under one roof allows Sales and Servicing to work together. This results in a positive collaboration of expertise culminating in greater performance, reliability and ultimately customer satisfaction.



More Information on the services offered at The Saw Servicing Centre can be obtained from Carbide (UK) LTD by using any of the contact numbers in this catalogue.



### The Carbide Toolbank Catalogue.

A service Carbide (UK) LTD has offered for several years now is the Toolbank Catalogue. This is a comprehensive retail catalogue open to the public for commercial and domestic tooling. A fully illustrated colour catalogue the Toolbank contains hundreds of pages of tools, accessories and spares. Highly competitive and supplying the every need of the professional tool user we can offer a wide variety to suit all needs over many degrees of precision, purpose and utility.

The Toolbank is available through Carbide (UK) LTD by using any of the contact numbers in this catalogue. Orders from the Carbide Toolbank catalogue can be made over the telephone, by fax on arrangement, or can be purchased at our sales counter in Hull.

Tel No. (UK) 01482 – 227234 (6 lines)

Fax No. (UK) 01482 - 212902



## The Carbide (UK) LTD Catalogue – Vol. 1.

This is a copy of the Carbide (UK) LTD Wood Tooling catalogue. It provides a basic coverage of the tools provided by Carbide.

The catalogue is divided into 9 categories covering basic tool areas. Each section has its page code and individual page number within that section. This can be partnered with some technical information pages found at the front of their respective section. Products are shown with graphics or pictures along side tables of available dimensions and product type. For most products this catalogue covers all common dimensions and applications. However specials\* can be made in house. Information and quotations are available on request from our Sales department.

All products are identified and ordered by their reference code, except for specials\*.

- Specials.

The Routing section (section 7) of this catalogue along with the Diamond section are particularly geared to specials for customers profiling needs. The tables and annotations show the basic dimensions available. All profiles for disposable or brazed tip routers and profile knives are manufactured to customer specification on submittance of a drawing or wood sample.

Specials for Solid Carbide cutters, Cutterheads, Cutterblocks, Gearboxes and Boring bits are available on request by contacting our Sales department on:-

Tel No. (UK) 01482- 227234

Fax No. (UK) 01482 – 212902

On the next page is a conversion chart between Metric, decimal sizes and Imperial units. Most sizes are available in both Metric and Imperial, ring for confirmation or submit a drawing of requirements.

INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm
1/64	0.40	49/64	19.45	1 33/64	38.50	2 17/64	57.55	3 1/64	76.60	3 49/64	95.65
1/32	0.79	25/32	19.84	1 17/32	38.89	2 9/32	57.94	3 1/32	76.99	3 25/32	96.04
3/64	1.19	51/64	20.24	1 35/64	39.29	2 19/64	58.34	3 3/64	77.39	3 51/64	96.44
1/16	1.59	13/16	20.64	1 9/16	39.69	2 5/16	58.74	3 1/16	77.79	3 13/16	96.84
5/64	1.98	53/64	21.03	1 37/64	40.08	2 21/64	59.13	3 5/64	78.18	3 53/64	97.23
3/32	2.38	27/32	21.43	1 19/32	40.48	2 11/32	59.53	3 3/32	78.58	3 27/32	97.63
7/64	2.78	55/64	21.83	1 39/64	40.88	2 23/64	59.93	3 7/64	78.98	3 55/64	98.03
1/8	3.18	7/8	22.23	1 5/8	41.28	2 3/8	60.33	3 1/8	79.38	3 7/8	98.43
9/64	3.57	57/64	22.62	1 41/64	41.67	2 25/64	60.72	3 9/64	79.77	3 57/64	98.82
5/32	3.97	29/32	23.02	1 21/32	42.07	2 13/32	61.12	3 5/32	80.17	3 29/32	99.22
11/64	4.37	59/64	23.42	1 43/64	42.47	2 27/64	61.52	3 11/64	80.57	3 59/64	99.62
3/16	4.76	15/16	23.81	1 11/16	42.86	2 7/16	61.91	3 3/16	80.96	3 15/16	100.01
13/64	5.16	61/64	24.21	1 45/64	43.26	2 29/64	62.31	3 13/64	81.36	3 61/64	100.41
7/32	5.56	31/32	24.61	1 23/32	43.66	2 15/32	62.71	3 7/32	81.76	3 31/32	100.81
15/64	5.95	63/64	25.00	1 47/64	44.05	2 31/64	63.10	3 15/64	82.15	3 63/64	101.20
1/4	6.35	1	25.40	1 3/4	44.45	2 1/2	63.50	3 1/4	82.55	4	101.60
17/64	6.75	1 1/64	25.80	1 49/64	44.85	2 33/64	63.90	3 17/64	82.95	4 1/64	102.00
9/32	7.14	1 1/32	26.19	1 25/32	45.24	2 17/32	64.29	3 9/32	83.34	4 1/32	102.39
19/64	7.54	1 3/64	26.59	1 51/64	45.64	2 35/64	64.69	3 19/64	83.74	4 3/64	102.79
5/16	7.94	1 1/16	26.99	1 13/16	46.04	2 9/16	65.09	3 5/16	84.14	4 1/16	103.19
21/64	8.33	1 5/64	27.38	1 53/64	46.43	2 37/64	65.48	3 21/64	84.53	4 5/64	103.58
11/32	8.73	1 3/32	27.78	1 27/32	46.83	2 19/32	65.88	3 11/32	84.93	4 3/32	103.98
23/64	9.13	1 7/64	28.18	1 55/64	47.23	2 39/64	66.28	3 23/64	85.33	4 7/64	104.38
3/8	9.53	1 1/8	28.58	1 7/8	47.63	2 5/8	66.68	3 3/8	85.73	4 1/8	104.78
25/64	9.92	1 9/64	28.97	1 57/64	48.02	2 41/64	67.07	3 25/64	86.12	4 9/64	105.17
13/32	10.32	1 5/32	29.37	1 29/32	48.42	2 21/32	67.47	3 13/32	86.52	4 5/32	105.57
27/64	10.72	1 11/64	29.77	1 59/64	48.82	2 43/64	67.87	3 27/64	86.92	4 11/64	105.97
7/16	11.11	1 3/16	30.16	1 15/16	49.21	2 11/16	68.26	3 7/16	87.31	4 3/16	106.36
29/64	11.51	1 13/64	30.56	1 61/64	49.61	2 45/64	68.66	3 29/64	87.71	4 13/64	106.76
15/32	11.91	1 7/32	30.96	1 31/32	50.01	2 23/32	69.06	3 15/32	88.11	4 7/32	107.16
31/64	12.30	1 15/64	31.35	1 63/64	50.40	2 47/64	69.45	3 31/64	88.50	4 15/64	107.55
1/2	12.70	1 1/4	31.75	2	50.80	2 3/4	69.85	3 1/2	88.90	4 1/4	107.95
33/64	13.10	1 17/64	32.15	2 1/64	51.20	2 49/64	70.25	3 33/64	89.30	4 17/64	108.35
17/32	13.49	1 9/32	32.54	2 1/32	51.59	2 25/32	70.64	3 17/32	89.69	4 9/32	108.74
35/64	13.89	1 19/64	32.94	2 3/64	51.99	2 51/64	71.04	3 35/64	90.09	4 19/64	109.14
9/16	14.29	1 5/16	33.34	2 1/16	52.39	2 13/16	71.44	3 9/16	90.49	4 5/16	109.54
37/64	14.68	1 21/64	33.73	2 5/64	52.78	2 53/64	71.83	3 37/64	90.88	4 21/64	109.93
19/32	15.08	1 11/32	34.13	2 3/32	53.18	2 27/32	72.23	3 19/32	91.28	4 11/32	110.33
39/64	15.48	1 23/64	34.53	2 7/64	53.58	2 55/64	72.63	3 39/64	91.68	4 23/64	110.73
5/8	15.88	1 3/8	34.93	2 1/8	53.98	2 7/8	73.03	3 5/8	92.08	4 3/8	111.13
41/64	16.27	1 25/64	35.32	2 9/64	54.37	2 57/64	73.42	3 41/64	92.47	4 25/64	111.52
21/32	16.67	1 13/32	35.72	2 5/32	54.77	2 29/32	73.82	3 21/32	92.87	4 13/32	111.92
43/64	17.07	1 27/64	36.12	2 11/64	55.17	2 59/64	74.22	3 43/64	93.27	4 27/64	112.32
11/16	17.46	1 7/16	36.51	2 3/16	55.56	2 15/16	74.61	3 11/16	93.66	4 7/16	112.71
45/64	17.86	1 29/64	36.91	2 13/64	55.96	2 61/64	75.01	3 45/64	94.06	4 29/64	113.11
23/32	18.26	1 15/32	37.31	2 7/32	56.36	2 31/32	75.41	3 23/32	94.46	4 15/32	113.51
47/64	18.65	1 31/64	37.70	2 15/64	56.75	2 63/64	75.80	3 47/64	94.85	4 31/64	113.90

**1. OFFER**

By placing the order the customer accepts our terms and conditions of business. Other terms, including the customer's own terms, shall not apply insofar as these differ from our terms, except in cases where we have expressly agreed to such terms in writing. All promises, agreements and changes must be confirmed in writing in order to be enforceable. The customer cannot assign any claims he may have against us. Except in the case of deliveries from stock, an order shall be deemed accepted only when it has been confirmed in writing by us. Up to such time, our offer is not binding. All documents relating to the offer, e.g., illustrations, drawings, weights and dimensions, are only approximate unless they have been expressly stated to be binding, without any obligation on our part to correct any changes that may have been made. We reserve title and copyright on all our documents. These shall not be made accessible to third parties without our prior consent and shall be immediately returned to us upon request.

Prices are quoted ex-works and do not include postage, packaging or insurance. 2/3 of the price charged will be reimbursed on crates or returned carriage paid. Tools not included on the list or tools with intermediate dimensions are subject to a surcharge, which shall be agreed upon prior to placing the order. If this is not done, the price shall be determined by us. We reserve the right to increase prices if a general increase in production costs occurs.

**3. TERMS OF PAYMENT**

Unless alternative agreements have been made, payment shall be effected in cash, free at our main works in Hull. Offsetting or withholding payment on account of counterclaims not acknowledged in writing by us is prohibited. Notification of defects and objections, for any reason whatsoever, does not provide cause for withholding payment. In the event of failure to comply with payment terms, the customer shall be deemed to be in default without prior notification. Any additional expenses thereby incurred, and default interest shall be charged, such bills shall be presented before the date on which payment is due. Advance payments or payments on account shall not be subject to interest. The purchase price shall be due for immediate payment irrespective of the tenor of the Bill of Exchange if the customer's financial position has deteriorated or if he fails to comply with the terms of payment. We are then entitled to alter the terms of payment unilaterally. If the customer defaults on payment, our claims shall be due for immediate payment. Once immediate payment is due, we are entitled to demand advance cash payment on all outstanding orders, to ask for security for our claims, to withdraw from contract or to claim damages for non-performance and to recover possession of already delivered goods. Recovery of goods shall be deemed as withdrawal from the contract only where this has been expressly stated to be the case. Any expenses incurred for recovering possession shall be borne by the customer.

VERKAUFS -, LIEFERUNES - UND  
ZAHLUNGSBEDINGUNGEN  
CONDITIONS GENERALES DE VENTE

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#### **4. DELIVERY PERIOD**

The delivery period confirmed by us is not binding. The delivery period shall be altered to on condition that the customer fulfils his obligations under the contract, in particular complies with the agreed terms of payment. Unforeseen events beyond our control, e.g. breakdowns, strikes, lockouts, spoilage of parts – in our own or in our supplier's works, e.g. delivery of defective materials, shall extend the delivery period accordingly, even in the cases where they occur during a delay in delivery. The same shall apply in cases where required approvals and documents or data to be supplied by the customer relating to the order are not received in time, and in cases of subsequent changes to an order. Partial deliveries are permissible. Delays in delivery cannot give cause for damage claims against us.

#### **5. SPECIAL TOOLS**

If special tools are ordered in large quantities the delivery may exceed or fall short by a reasonable amount.

#### **6. TRANSFER OF RISK**

Risk is transferred to the customer when the order leaves the factory, even in the case of delivery carriage paid. Insurance against transport damage is taken only at the customers request and at his expense.

#### **7. WARRANTY**

For defective deliveries we shall be liable as follows to the exclusion of all further claims; For delivered products, we shall be liable for all defects of which we would be expected to be aware by applying normal professional diligence, namely, exclusively for defective design, construction and materials due to our negligence, only when supplied by us. If the solution of design problems is left to us, the customer can claim breach of warranty only if he proves that our product is not of a standard corresponding to the present state of the art through negligence on our part. Breach of warranty claims must be submitted within 30 days of date of delivery. Apparent defects must be reported within 7 days of delivery. On the basis of the given part be repaired free of charge, or, at our opinion, delivered new. Expenses incurred by us through unjustified complaints shall be borne by the customer. We are under no obligation to estimate defects as long as the customer is in arrears with payment. Warranty expires if the customer has undertaken repairs without our consent or has failed to comply with our instructions regarding the treatment of the product (operating instruction). No warranty is given for tools or articles which are subject to heavy wear due to the material or to the purpose for which they are used. The same applies to damage due to excessive wear, unsuitable fuels, weather or other influences of any kind whatsoever.

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ZÄHLUNGSBEDINGUNGEN  
CONDITIONS GENERALES DE VENTE

**8. RESERVATION OF TITLE**

We reserve title on delivered goods until full payment has been made under the present or prior delivery contracts. We must be informed immediately if our products are attached by a third party. If the customer has disposed of our products or if they have been built into another product so as to form an integral part thereof, then the claims taking the place of our delivery shall be assigned to us as security without requiring the express assignment of such claims.

**9. PLACE OF PERFORMANCE**

Place of performance and court of jurisdiction is Hull / England.

The contract shall continue to remain in force even if single provision become null and void. The contract shall be interpreted exclusively according to English law.

**11. CARBIDE (UK) LTD.  
CATALOGUE – Vol. 1**

The illustrations of each product and technical pictures are in accordance with general experimental data. We reserve the right to have minimal deviations within the field of tolerance.