

Bokumdexable Indexable Back-Chamfer Tools



BOKUM TOOL COMPANY



BOKUM TOOL COMPANY INC.

75 Years of Precision Manufacturing

IBCH Back-Chamfer Tools

Bokum Tool Company has developed a series of Indexable Back Chamfer Tools which incorporate its proven burr-free cut-off geometry. The current line of High Speed Steel and Carbide Tipped Back Chamfer Tools, which can work in diameters as small as 1/8", is enhanced by the addition of Inserted Carbide Tools for bore diameters of 3/8" and larger. The inserts are triangular and designed to eliminate the cut-off burr from parts run on Multi-Spindle Automatics. The Bokum Geometry consists of a 45° chamfer and a short 1/32"x 16° land which helps the cut-off tooling machine through cleanly. They are general purpose, uncoated carbide appropriate for the surface footages normally encountered on these machines. The Bokum IBCH Tools may be used in other types of machines, such as lathes, where back chamfer operations are required. Additional coatings and grades for these applications can be specially quoted. The tools for bores of 11/16" and larger are made to be installed on Standard Bokum Shanks which are available in lengths to 5 5/8" and diameters of 1/2", 5/8", 3/4" and 1".

One-Piece Indexable Back Chamfering Tools

	F	D	I	L	E	P	K	M	ITEM No.		
MIN. HOLE TOOL WILL ENTER	MAX. REACH IN HOLE	SHANK DIA.	LENGTH TO INSERT	OVERALL LENGTH	SHANK LENGTH	CUTTING EDGE TO CENTER	NECK DIA.	MAX. DEPTH OF CUT	INSERT HOLDER	INSERT SERIES	SCREW No.
3/8	.80	.3122/.3117	2.56	2.70	1.88	.187	.250	.060	IBCH 1.5	"IC15	701000
7/16	.80	.3122/.3117	2.69	2.83	2.00	.218	.281	.065	IBCH 2	"IC15	701000
1/2	.77	.4997/.4992	2.97	3.11	2.25	.250	.313	.080	IBCH 2.5	"IC15	701000
9/16	.86	.4997/.4992	3.28	3.42	2.50	.280	.375	.080	IBCH 3	"IC15	701000
5/8	.93	.4997/.4992	3.59	3.74	2.75	.310	.438	.080	IBCH 3.5	"IC15	701000

*SPECIFY GRADE

Two-Piece Indexable Back Chamfering Tools

	D	I	L	G	P	K	M	Y	ITEM No.			
MIN. HOLE TOOL WILL ENTER	SHANK DIA.	LENGTH TO INSERT	OVERALL LENGTH	INSERT HOLDER LENGTH	CUTTING EDGE TO CENTER	NECK DIA.	MAX. DEPTH OF CUT	THREAD ON INSERT HOLDER & SHANK	INSERT HOLDER	INSERT SERIES	SCREW No.	SHANK
11/16	.4997/.4992	4.41	4.60	1.13	.340	.470	.090	8MM-1.25P	IBCH 4	"IC4	700900	#50SS4
3/4	.4997/.4992	4.41	4.60	1.13	.370	.470	.120	8MM-1.25P	IBCH 4.5	"IC4	700900	#50SS4
13/16	.6247/.6242	4.44	4.56	1.25	.398	.548	.110	10MM-20P	IBCH 5	"IC4	700900	#62SS5
7/8	.6247/.6242	4.44	4.56	1.25	.432	.548	.145	10MM-20P	IBCH 5.5	"IC4	700900	#62SS5
15/16	.7497/.7492	4.38	4.66	1.53	.467	.643	.130	12MM-20P	IBCH 6	"IC6	701600	#75SS6

*SPECIFY GRADE ■CONSULT BOKUM FOR THEIR SHANK OPTIONS

One-Piece



Two-Piece



BOKUM TOOL COMPANY inc.

32301 Dequindre Road • Madison Heights, MI 48071 • 248-585-0222 phone • 248-585-4855 fax • www.bokumtoolco.com