

HX-55 COATED MINI MILLS AND CLEARANCE CUTTERS							
END MILL TYPE	CATALOG NUMBER	EFFECTIVE CUTTING DIAMETER	FLUTE LENGTH	REACH FROM TIP	OVERALL LENGTH	SHANK DIAMETER	LIST PRICE
4 FLUTE BALL CLEARANCE CUTTERS	BCS-32-R50-HX55	.032	.250	.500 STRAIGHT	3.00	.125	24.00
	BCS-32-R75-HX55	.032	.250	.750 STRAIGHT	3.00	.125	24.00
	BCS-39-R50-HX55	.039	.250	.500 STRAIGHT	3.00	.125	24.00
	BCS-39-R75-HX55	.039	.250	.750 STRAIGHT	3.00	.125	24.00
	BCS-62-R50-HX55	.062	.250	.500 STRAIGHT	3.00	.125	30.00
	BCS-62-R75-HX55	.062	.250	.750 STRAIGHT	3.00	.125	30.00
	BCS-62-R10-HX55	.062	.250	1.000 STRAIGHT	3.00	.125	30.00
	BCS-80-R50-HX55	.080	.250	.500 STRAIGHT	3.00	.125	32.00
	BCS-80-R75-HX55	.080	.250	.750 STRAIGHT	3.00	.125	32.00
	BCS-80-R10-HX55	.080	.250	1.000 STRAIGHT	3.00	.125	32.00
	BCC-32-F25-HX55	.032	.250	.750 TAPERED	2.50	.125	24.00
	BCC-39-F25-HX55	.039	.250	.750 TAPERED	2.50	.125	24.00
	BCC-62-F50-HX55	.062	.500	.500 STRAIGHT	2.50	.125	30.00
	BCC-80-F50 HX55	.080	.500	.500 STRAIGHT	2.50	.125	32.00
4 FLUTE BALL MINI MILLS	BMM-32-F25-HX55	.032	.250	NONE	2.50	.125	22.00
	BMM-39-F25-HX55	.039	.250	NONE	2.50	.125	22.00
	BMM-47-F25-HX55	.047	.250	NONE	2.50	.125	32.00
	BMM-62-F50-HX55	.062	.500	NONE	2.50	.125	32.00
	BMM-80-F50-HX55	.080	.500	NONE	2.50	.125	34.00
4 FLUTE FLAT MINI MILLS	FMM-32-F25-HX55	.032	.250	NONE	2.50	.125	22.00
	FMM-39-F25-HX55	.039	.250	NONE	2.50	.125	22.00
	FMM-47-F25-HX55	.047	.250	NONE	2.50	.125	32.00
	FMM-62-F50-HX55	.062	.500	NONE	2.50	.125	32.00
	FMM-80-F50-HX55	.080	.500	NONE	2.50	.125	34.00



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Precision Cutting Tools

HX-55's special nano-composite process improves the lubrication properties of the coating without reducing the hardness, allowing for a dramatic reduction in heat, therefore, improving cutting efficiency and tool life. Dry machining is possible in many applications.

HX-55 COATED END MILLS						
END MILL TYPE	CATALOG NUMBER	EFFECTIVE CUTTING DIAMETER	FLUTE LENGTH	OVERALL LENGTH	SHANK DIAMETER	LIST PRICE
4 FLUTE FLAT STANDARD LENGTH	FH-4S-032-HX55	.032	.125	1.50	.125	15.00
	FH-4S-047-HX55	.047	.125	1.50	.125	15.00
	FH-4S-063-HX55	.063	.250	1.50	.125	14.00
	FH-4S-078-HX55	.078	.250	1.50	.125	14.00
	FH-4S-125-HX55*	.125	.500	1.50	.125	13.00
	FH-4S-187-HX55*	.187	.625	2.00	.187	17.00
	FH-4S-250-HX55*	.250	.750	2.50	.250	26.00
	FH-4S-375-HX55*	.375	1.000	2.50	.375	32.00
	FH-4S-500-HX55*	.500	1.000	3.00	.500	53.00
	FH-4S-625-HX55*	.625	1.250	3.50	.625	85.00
	FH-4S-750-HX55*	.750	1.500	4.00	.750	110.00
	FH-4X-125-HX55*	.125	.750	2.25	.125	20.00
4 FLUTE FLAT LONG LENGTH	FH-4X-187-HX55*	.187	.750	2.50	.187	21.00
	FH-4X-250-HX55*	.250	1.125	3.00	.250	28.00
	FH-4X-375-HX55*	.375	1.125	3.00	.375	42.00
	FH-4X-500-HX55*	.500	1.000	4.00	.500	63.00
	FH-4X-625-HX55*	.625	2.250	5.00	.625	95.00
	FH-4X-750-HX55*	.750	2.250	5.00	.750	125.00
	FH-4XL-125-HX55*	.125	1.000	3.00	.125	23.00
4 FLUTE FLAT EXTRA LONG LENGTH	FH-4XL-187-HX55*	.187	1.125	3.00	.187	26.00
	FH-4XL-250-HX55*	.250	1.500	4.00	.250	35.00
	FH-4XL-375-HX55*	.375	1.750	4.00	.375	49.00
	FH-4XL-500-HX55*	.500	3.000	6.00	.500	71.00
	FH-4XL-625-HX55*	.625	3.000	6.00	.625	115.00
	FH-4XL-750-HX55*	.750	3.000	6.00	.750	149.00

HX-55 COATED END MILLS						
END MILL TYPE	CATALOG NUMBER	EFFECTIVE CUTTING DIAMETER	FLUTE LENGTH	OVERALL LENGTH	SHANK DIAMETER	LIST PRICE
4 FLUTE BALL STANDARD LENGTH	BH-4S-032-HX55	.032	.125	1.50	.125	15.00
	BH-4S-047-HX55	.047	.125	1.50	.125	15.00
	BH-4S-063-HX55	.063	.250	1.50	.125	14.00
	BH-4S-078-HX55	.078	.250	1.50	.125	14.00
	BH-4S-125-HX55	.125	.500	1.50	.125	13.00
	BH-4S-187-HX55	.187	.625	2.00	.187	17.00
	BH-4S-250-HX55	.250	.750	2.50	.250	26.00
	BH-4S-375-HX55	.375	1.000	2.50	.375	32.00
	BH-4S-500-HX55	.500	1.000	3.00	.500	53.00
	BH-4S-625-HX55	.625	1.250	3.50	.625	85.00
	BH-4S-750-HX55	.750	1.500	4.00	.750	110.00
	BH-4X-125-HX55	.125	.750	2.25	.125	20.00
4 FLUTE BALL LONG LENGTH	BH-4X-187-HX55	.187	.750	2.50	.187	21.00
	BH-4X-250-HX55	.250	1.125	3.00	.250	28.00
	BH-4X-375-HX55	.375	1.125	3.00	.375	42.00
	BH-4X-500-HX55	.500	1.000	4.00	.500	63.00
	BH-4X-625-HX55	.625	2.250	5.00	.625	95.00
	BH-4X-750-HX55	.750	2.250	5.00	.750	125.00
	BH-4XL-125-HX55	.125	1.000	3.00	.125	23.00
4 FLUTE BALL EXTRA LONG LENGTH	BH-4XL-187-HX55	.187	1.125	3.00	.187	26.00
	BH-4XL-250-HX55	.250	1.500	4.00	.250	35.00
	BH-4XL-375-HX55	.375	1.750	4.00	.375	49.00
	BH-4XL-500-HX55	.500	3.000	6.00	.500	71.00
	BH-4XL-625-HX55	.625	3.000	6.00	.625	115.00
	BH-4XL-750-HX55	.750	3.000	6.00	.750	149.00

* IF NEEDED, INDICATE RADIUS SIZE TO COMPLETE ORDER:

R1= 1/64" RADIUS

R2= 1/32" RADIUS

R4= 1/16" RADIUS

R010= .010" RADIUS

R020= .020" RADIUS