



## HDB780 - Multi Flute Single-End Heavy-Duty Ball-End Center-Cutting End Mills



### September 2006 Pricing

Flute Dia	Shank Dia	Length of Cut	Overall Length	# F	Uncoated EDP	Uncoated List	TiN EDP	TiN List	TiCN EDP	TiCN List	TiAlN EDP	TiAlN List
1 1/2	1 1/2	4	7 1/4	6	78141	\$191.86	78148	\$201.49	89190	\$211.01	60606	\$211.01
1 1/2	1 1/2	6	9 1/4	6	78161	\$239.46	78168	\$251.44	89191	\$263.42	60607	\$263.42
2	1 1/2	3	5 7/8	6	78331	\$243.82	78337	\$256.03	89192	\$268.24	60608	\$268.24
2	2	3	6 3/4	6	78333	\$246.96	78338	\$259.28	89193	\$271.71	60609	\$271.71
2	2	4	7 3/4	6	78343	\$244.27	78348	\$256.48	89194	\$268.69	60610	\$268.69
2	2	6	9 3/4	6	78363	\$300.94	78368	\$315.95	89195	\$331.07	60611	\$331.07
2	2	8	11 3/4	6	78383	\$354.03	78388	\$371.73	89196	\$389.42	60612	\$389.42
2 1/2	2	4	7 3/4	6	78543	\$294.67	78547	\$309.46	89197	\$324.13	60613	\$324.13
2 1/2	2	6	9 3/4	6	78563	\$351.90	78567	\$369.49	89198	\$387.07	60614	\$387.07
3	2 1/2	4	7 3/4	8	78745	\$549.36	78748	\$576.80	89199	\$604.35	60615	\$604.35
3	2 1/2	6	9 3/4	8	78765	\$676.26	78768	\$710.08	89200	\$743.90	60616	\$743.90
<b>Flute Dia +0.005" -0.000"</b>					<b>Overall Length +0.062" -0.000"</b>					<b>Helix Angle 30°</b>		
<b>Shank Dia -0.0001" -0.0005"</b>										<b>Length of Cut +0.062" -0.000"</b>		