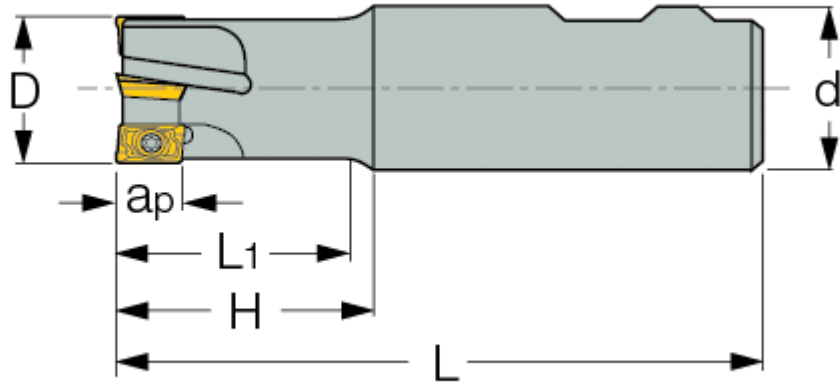




HM90 E90A-10 : HELI2000 endmills for HM90 AP.. 1003... inserts.



Designation	D	Z	ap	H	L1	L	Rd?/b>	d	Shank	Coolant	Kg	RPM max
HM90 E90A-D10-1-C10	10.00	1	10.00	20.00	13.8	80.00	5.0	10.00	C	-	0.09	131850
HM90 E90A-D10-1-C10-C	10.00	1	10.00	20.00	13.8	80.00	5.0	10.00	C	Y	0.04	131850
HM90 E90A-D10-1-C16-LB	10.00	1	10.00	30.00	13.8	160.00	5.0	16.00	C	-	0.20	131850
HM90 E90A-D10-1-W16	10.00	1	10.00	20.00	10.6	80.00	5.0	16.00	W	-	0.11	131850
HM90 E90A-D10-1-W16-C	10.00	1	10.00	20.00	14.6	80.00	5.0	16.00	W	Y	0.09	131850
HM90 E90A-D12-1-C16	12.00	1	10.00	20.00	14.0	80.00	32.0	16.00	C	-	0.11	91850
HM90 E90A-D12-1-C16-C	12.00	1	10.00	20.00	14.0	80.00	32.0	16.00	C	Y	0.09	91850
HM90 E90A-D12-1-C16-LB	12.00	1	10.00	30.00	16.0	160.00	32.0	16.00	C	-	0.20	91850
HM90 E90A-D12-1-W16	12.00	1	10.00	20.00	14.0	80.00	32.0	16.00	W	-	0.11	91850
HM90 E90A-D12-1-W16-C	12.00	1	10.00	20.00	14.0	80.00	32.0	16.00	W	Y	0.10	91850
HM90 E90A-D14-1-C16	14.00	1	10.00	23.00	18.4	80.00	7.0	16.00	C	-	0.11	75350
HM90 E90A-D14-1-C16-C	14.00	1	10.00	23.00	18.4	80.00	7.0	16.00	C	Y	0.10	75350
HM90 E90A-D14-1-W16	14.00	1	10.00	23.00	18.4	80.00	7.0	16.00	W	-	0.11	75350
HM90 E90A-D14-1-W16-C	14.00	1	10.00	23.00	18.4	80.00	7.0	16.00	W	Y	0.10	75350
HM90 E90A-D16-2-C15-B	16.00	2	10.00	25.00	24.4	150.00	15.0	15.00	C	-	0.19	66200
HM90 E90A-D16-2-C15-B-C	16.00	2	10.00	25.00	24.4	150.00	-	15.00	C	Y	0.18	66200
HM90 E90A-D16-2-C16	16.00	2	10.00	26.00	25.2	90.00	15.0	16.00	C	-	0.13	66200
HM90 E90A-D16-2-C16-B	16.00	2	10.00	40.00	38.2	150.00	15.0	16.00	C	-	0.22	66200
HM90 E90A-D16-2-C16-B-C	16.00	2	10.00	40.00	38.2	150.00	-	16.00	C	Y	0.20	66200
HM90 E90A-D16-2-C16-C	16.00	2	10.00	26.00	25.2	90.00	15.0	16.00	C	Y	0.11	66200
HM90 E90A-D16-2-C16-LB	16.00	2	10.00	40.00	38.1	180.00	15.0	16.00	C	-	0.28	66200
HM90 E90A-D16-2-W16	16.00	2	10.00	26.00	25.2	85.00	15.0	16.00	W	-	0.12	66200
HM90 E90A-D16-2-W16-C	16.00	2	10.00	26.00	25.2	85.00	15.0	16.00	W	Y	0.10	66200
HM90 E90A-D17-2-C16	17.00	2	10.00	28.00	27.0	90.00	15.0	16.00	C	-	0.13	62900
HM90 E90A-D17-2-C16-L170	17.00	2	10.00	27.00	-	170.00	4.5	16.00	C	-	0.25	63000
HM90 E90A-D18-2-C16	18.00	2	10.00	26.00	-	90.00	7.5	16.00	C	-	0.13	59900
HM90 E90A-D18-2-C16-C	18.00	2	10.00	26.00	-	90.00	7.5	16.00	C	Y	0.12	59900

HM90 E90A-D18-2-W20	18.00	2	10.00	30.00	26.4	90.00	7.5	20.00	W	-	0.18	59900
HM90 E90A-D18-2-W20-C	18.00	2	10.00	30.00	26.4	90.00	7.5	20.00	W	Y	0.17	59900
HM90 E90A-D19-2-C20	19.00	2	10.00	26.00	25.0	90.00	7.5	20.00	C	-	0.19	57500
HM90 E90A-D20-2-C19-B	20.00	2	10.00	25.00	-	160.00	7.5	19.00	C	-	0.33	55150
HM90 E90A-D20-2-C19-B-C	20.00	2	10.00	25.00	-	160.00	7.5	19.00	C	Y	0.30	55150
HM90 E90A-D20-2-C20	20.00	2	10.00	26.00	25.3	110.00	7.5	20.00	C	-	0.22	55150
HM90 E90A-D20-2-C20-B	20.00	2	10.00	40.00	38.0	160.00	7.5	20.00	C	-	0.36	55150
HM90 E90A-D20-2-C20-B-C	20.00	2	10.00	40.00	38.0	160.00	7.5	20.00	C	Y	0.33	55150
HM90 E90A-D20-2-C20-C	20.00	2	10.00	26.00	25.3	110.00	7.5	20.00	C	Y	0.20	55150
HM90 E90A-D20-2-C20-LB	20.00	2	10.00	40.00	38.0	200.00	7.5	20.00	C	-	0.46	55150
HM90 E90A-D20-2-C20-XL	20.00	2	10.00	60.00	59.0	130.00	7.5	20.00	C	-	0.35	55150
HM90 E90A-D20-2-W16	20.00	2	10.00	26.10	-	85.00	7.5	16.00	W	-	0.13	55150
HM90 E90A-D20-2-W16-C	20.00	2	10.00	26.10	-	85.00	7.5	16.00	W	Y	0.11	55150
HM90 E90A-D20-2-W20	20.00	2	10.00	26.10	25.0	90.00	7.5	20.00	W	-	0.19	55150
HM90 E90A-D20-2-W20-C	20.00	2	10.00	26.10	25.0	90.00	7.5	20.00	W	Y	0.18	55150
HM90 E90A-D20-2-W20-XL	20.00	2	10.00	60.00	59.0	130.00	7.5	20.00	W	-	0.27	55150
HM90 E90A-D20-3-C20	20.00	3	10.00	26.10	25.0	110.00	7.5	20.00	C	-	0.24	55150
HM90 E90A-D20-3-C20-C	20.00	3	10.00	26.10	25.0	110.00	7.5	20.00	C	Y	0.20	55150
HM90 E90A-D20-3-W16	20.00	3	10.00	26.10	-	85.00	7.5	16.00	W	-	0.13	55150
HM90 E90A-D20-3-W16-C	20.00	3	10.00	26.10	-	85.00	7.5	16.00	W	Y	0.18	55150
HM90 E90A-D20-3-W20	20.00	3	10.00	26.10	25.0	90.00	7.5	20.00	W	-	0.19	55150
HM90 E90A-D20-3-W20-C	20.00	3	10.00	26.10	25.0	90.00	7.5	20.00	W	Y	0.18	55150
HM90 E90A-D21-2-C20-L270	21.00	2	10.00	26.00	-	270.00	2.8	20.00	C	-	1.08	53000
HM90 E90A-D21-3-C20	21.00	3	10.00	26.00	25.0	115.00	7.5	20.00	C	-	0.20	53300
HM90 E90A-D22-3-C20	22.00	3	10.00	26.00	-	115.00	7.5	20.00	C	-	0.26	51450
HM90 E90A-D22-3-C20-C	22.00	3	10.00	26.00	-	115.00	7.5	20.00	C	Y	0.25	51450
HM90 E90A-D22-3-W25	22.00	3	10.00	26.00	21.0	95.00	7.5	25.00	W	-	0.31	51450
HM90 E90A-D22-3-W25-C	22.00	3	10.00	26.00	21.0	95.00	7.5	25.00	W	Y	0.30	51450
HM90 E90A-D25-2-C25	25.00	2	10.00	26.10	25.0	120.00	5.0	25.00	C	-	0.43	47150
HM90 E90A-D25-2-C25-C	25.00	2	10.00	26.10	25.0	120.00	5.0	25.00	C	Y	0.40	47150
HM90 E90A-D25-2-W25	25.00	2	10.00	26.10	25.0	95.00	5.0	25.00	W	-	0.20	47150
HM90 E90A-D25-2-W25-C	25.00	2	10.00	26.10	25.0	95.00	5.0	25.00	W	Y	0.31	47150
HM90 E90A-D25-3-C24-B	25.00	3	10.00	25.00	-	200.00	5.0	24.00	C	-	0.66	47150
HM90 E90A-D25-3-C24-B-C	25.00	3	10.00	25.00	24.0	200.00	5.0	24.00	C	Y	0.64	47150
HM90 E90A-D25-3-C25	25.00	3	10.00	26.10	25.0	120.00	5.0	25.00	C	-	0.42	47150
HM90 E90A-D25-3-C25-B	25.00	3	10.00	40.00	37.0	200.00	5.0	25.00	C	-	0.72	47150
HM90 E90A-D25-3-C25-B-C	25.00	3	10.00	40.00	37.0	200.00	5.0	25.00	C	Y	0.68	47150
HM90 E90A-D25-3-C25-C	25.00	3	10.00	26.10	25.0	120.00	5.0	25.00	C	Y	0.40	47150
HM90 E90A-D25-3-W25	25.00	3	10.00	26.10	25.0	95.00	5.0	25.00	W	-	0.32	47150
HM90 E90A-D25-3-W25-C	25.00	3	10.00	26.10	25.0	95.00	5.0	25.00	W	Y	0.31	47150
HM90 E90A-D25-3-W25-XL	25.00	3	10.00	80.00	79.0	140.00	5.0	25.00	W	-	0.35	47150
HM90 E90A-D25-4-C25	25.00	4	10.00	26.00	25.0	120.00	5.0	25.00	C	-	0.42	47150
HM90 E90A-D25-4-C25-C	25.00	4	10.00	26.00	25.0	120.00	5.0	25.00	C	Y	0.39	47150
HM90 E90A-D25-4-W25	25.00	4	10.00	26.00	25.0	95.00	5.0	25.00	W	-	0.31	47150
HM90 E90A-D25-4-W25-C	25.00	4	10.00	26.00	25.0	95.00	5.0	25.00	W	Y	0.30	47150
HM90 E90A-D28-4-C25	28.00	4	10.00	26.00	-	120.00	2.0	25.00	C	-	0.44	43650
HM90 E90A-D28-4-C25-C	28.00	4	10.00	26.00	-	120.00	2.0	25.00	C	Y	0.42	43650
HM90 E90A-D28-4-W25	28.00	4	10.00	26.00	-	95.00	2.0	25.00	W	-	0.33	43650
HM90 E90A-D28-4-W25-C	28.00	4	10.00	26.00	-	95.00	2.0	25.00	W	Y	0.32	43650
HM90 E90A-D30-4-C32	30.00	4	10.00	40.00	35.4	130.00	2.0	32.00	C	-	0.72	36500
HM90 E90A-D30-4-C32-C	30.00	4	10.00	40.00	35.4	130.00	2.0	32.00	C	Y	0.17	36500
HM90 E90A-D30-4-W25	30.00	4	10.00	30.00	-	95.00	2.0	25.00	W	-	0.35	36500
HM90 E90A-D30-4-W25-C	30.00	4	10.00	30.00	-	95.00	2.0	25.00	W	Y	0.33	36500
HM90 E90A-D32-3-C31-B	32.00	3	10.00	25.00	24.8	250.00	3.0	31.00	C	-	1.14	35350
HM90 E90A-D32-3-C32	32.00	3	10.00	30.00	28.5	130.00	3.0	32.00	C	-	0.76	35350
HM90 E90A-D32-3-C32-C	32.00	3	10.00	30.00	28.5	130.00	3.0	32.00	C	Y	0.74	35350
HM90 E90A-D32-3-W25	32.00	3	10.00	30.00	-	95.00	3.0	25.00	W	-	0.38	35350
HM90 E90A-D32-3-W25-C	32.00	3	10.00	30.00	-	95.00	3.0	25.00	W	Y	0.36	35350

HM90 E90A-D32-3-W32	32.00	3	10.00	30.00	28.5	110.00	3.0	32.00	W	-	0.50	35350
HM90 E90A-D32-3-W32-C	32.00	3	10.00	30.00	28.5	110.00	3.0	32.00	W	Y	0.60	35350
HM90 E90A-D32-4-C32	32.00	4	10.00	30.00	28.5	130.00	3.0	32.00	C	-	0.75	35350
HM90 E90A-D32-4-C32-B	32.00	4	10.00	40.00	37.2	200.00	3.0	32.00	C	-	1.19	35350
HM90 E90A-D32-4-C32-C	32.00	4	10.00	30.00	28.5	130.00	3.0	32.00	C	Y	0.73	35350
HM90 E90A-D32-4-C32-LB	32.00	4	10.00	40.00	37.2	250.00	3.0	32.00	C	-	1.50	35350
HM90 E90A-D32-4-W25	32.00	4	10.00	30.00	-	95.00	3.0	25.00	W	-	0.37	35350
HM90 E90A-D32-4-W25-C	32.00	4	10.00	30.00	-	95.00	3.0	25.00	W	Y	0.36	35350
HM90 E90A-D32-4-W32	32.00	4	10.00	30.00	28.5	110.00	3.0	32.00	W	-	0.62	35350
HM90 E90A-D32-4-W32-C	32.00	4	10.00	30.00	28.5	110.00	3.0	32.00	W	Y	0.59	35350
HM90 E90A-D32-4-W32-XL	32.00	4	10.00	100.00	28.5	160.00	3.0	32.00	W	-	0.87	35350
HM90 E90A-D32-5-C32	32.00	5	10.00	30.00	28.5	130.00	3.0	32.00	C	-	0.75	35350
HM90 E90A-D32-5-C32-C	32.00	5	10.00	30.00	28.5	130.00	3.0	32.00	C	Y	0.73	35350
HM90 E90A-D32-5-W25	32.00	5	10.00	30.00	-	95.00	3.0	25.00	W	-	0.37	35350
HM90 E90A-D32-5-W25-C	32.00	5	10.00	30.00	-	95.00	3.0	25.00	W	Y	0.35	35350
HM90 E90A-D32-5-W32	32.00	5	10.00	30.00	28.5	110.00	3.0	32.00	W	-	0.62	35350
HM90 E90A-D32-5-W32-C	32.00	5	10.00	30.00	28.5	110.00	3.0	32.00	W	Y	0.60	35350
HM90 E90A-D40-3-C32	40.00	3	10.00	30.00	-	130.00	2.7	32.00	C	-	0.85	31600
HM90 E90A-D40-3-C32-C	40.00	3	10.00	30.00	-	130.00	2.7	32.00	C	Y	0.83	31600
HM90 E90A-D40-3-W32	40.00	3	10.00	30.00	-	110.00	2.7	32.00	W	-	0.72	31600
HM90 E90A-D40-3-W32-C	40.00	3	10.00	30.00	-	110.00	2.7	32.00	W	Y	0.70	31600
HM90 E90A-D40-5-C32	40.00	5	10.00	30.00	-	130.00	2.7	32.00	C	-	0.84	31600
HM90 E90A-D40-5-C32-C	40.00	5	10.00	30.00	-	130.00	2.7	32.00	C	Y	0.81	31600
HM90 E90A-D40-5-C40-B	40.00	5	10.00	40.00	36.3	250.00	2.7	40.00	C	-	2.36	31600
HM90 E90A-D40-5-W32	40.00	5	10.00	30.00	-	110.00	2.7	32.00	W	-	0.70	31600
HM90 E90A-D40-5-W32-C	40.00	5	10.00	30.00	-	110.00	2.7	32.00	W	Y	0.68	31600
HM90 E90A-D40-5-W40-XL	40.00	5	10.00	125.00	123.0	200.00	2.7	40.00	W	-	1.00	31600
HM90 E90A-D40-6-C32	40.00	6	10.00	30.00	-	130.00	2.7	32.00	C	-	0.84	31600
HM90 E90A-D40-6-C32-C	40.00	6	10.00	30.00	-	130.00	2.7	32.00	C	Y	0.81	31600
HM90 E90A-D40-6-W32	40.00	6	10.00	30.00	-	110.00	2.7	32.00	W	-	0.70	31600
HM90 E90A-D40-6-W32-C	40.00	6	10.00	30.00	-	110.00	2.7	32.00	W	Y	0.68	31600
HM90 E90A-D50-7-C32	50.00	7	10.00	41.60	-	130.00	2.7	32.00	C	-	0.75	31600

For adaptation, click on "More Info".