

DELTA & DELTA HARD RIB ENDMILLS



Features

- Specialty for Deep Cavity Machining
- Works on all materials upto HrC55

RIB ENDMILLS

2 FLUTE	2 FLUTE BALL NOSE	4 FLUTE ENDMILL	DIA	NECK LENGTH	OAL	SHANK
ME0.3F2LN2D4DH	MB0.3F2LN2D4DH	ME0.3F2LN4D4DH	0.3	2	50	4
ME0.3F4LN2D4DH	MB0.3F4LN2D4DH	ME0.3F4LN4D4DH	0.3	4	50	4
ME0.4F2LN2D4DH	MB0.4F2LN2D4DH	ME0.4F2LN4D4DH	0.4	2	50	4
ME0.4F4LN2D4DH	MB0.4F4LN2D4DH	ME0.4F4LN4D4DH	0.4	4	50	4
ME0.5F2LN2D4DH	MB0.5F2LN2D4DH	ME0.5F2LN4D4DH	0.5	2	50	4
ME0.5F4LN2D4DH	MB0.5F4LN2D4DH	ME0.5F4LN4D4DH	0.5	4	50	4
ME0.5F6LN2D4DH	MB0.5F6LN2D4DH	ME0.5F6LN4D4DH	0.5	6	50	4
ME0.5F8LN2D4DH	MB0.5F8LN2D4DH	ME0.5F8LN4D4DH	0.5	8	50	4
ME0.6F4LN2D4DH	MB0.6F4LN2D4DH	ME0.6F4LN4D4DH	0.6	4	50	4
ME0.6F6LN2D4DH	MB0.6F6LN2D4DH	ME0.6F6LN4D4DH	0.6	6	50	4
ME0.6F8LN2D4DH	MB0.6F8LN2D4DH	ME0.6F8LN4D4DH	0.6	8	50	4
ME0.8F4LN2D4DH	MB0.8F4LN2D4DH	ME0.8F4LN4D4DH	0.8	4	50	4
ME0.8F6LN2D4DH	MB0.8F6LN2D4DH	ME0.8F6LN4D4DH	0.8	6	50	4
ME0.8F8LN2D4DH	MB0.8F8LN2D4DH	ME0.8F8LN4D4DH	0.8	8	50	4
ME0.8F10LN2D4DH	MB0.8F10LN2D4DH	ME0.8F10LN4D4DH	0.8	10	50	4
ME1F6LN2D4DH	MB1F6LN2D4DH	ME1F6LN4D4DH	1	6	50	4
ME1F10LN2D4DH	MB1F10LN2D4DH	ME1F10LN4D4DH	1	10	50	4
ME1F12LN2D4DH	MB1F12LN2D4DH	ME1F12LN4D4DH	1	12	50	4
ME1F16LN2D4DH	MB1F16LN2D4DH	ME1F16LN4D4DH	1	16	50	4
ME1.5F8LN2D4DH	MB1.5F8LN2D4DH	ME1.5F8LN4D4DH	1.5	8	50	4
ME1.5F10LN2D4DH	MB1.5F10LN2D4DH	ME1.5F10LN4D4DH	1.5	10	50	4
ME1.5F12LN2D4DH	MB1.5F12LN2D4DH	ME1.5F12LN4D4DH	1.5	12	50	4
ME1.5F16LN2D4DH	MB1.5F16LN2D4DH	ME1.5F16LN4D4DH	1.5	16	50	4
ME2F8LN2D4DH	MB2F8LN2D4DH	ME2F8LN4D4DH	2	8	50	4
ME2F10LN2D4DH	MB2F10LN2D4DH	ME2F10LN4D4DH	2	10	50	4
ME2F12LN2D4DH	MB2F12LN2D4DH	ME2F12LN4D4DH	2	12	50	4
ME2F16LN2D4DH	MB2F16LN2D4DH	ME2F16LN4D4DH	2	16	50	4
ME2F20LN2D4DH	MB2F20LN2D4DH	ME2F20LN4D4DH	2	20	50	4
ME2.5F10LN2D4DH	MB2.5F10LN2D4DH	ME2.5F10LN4D4DH	2.5	10	50	4
ME2.5F16LN2D4DH	MB2.5F16LN2D4DH	ME2.5F16LN4D4DH	2.5	16	50	4
ME2.5F20LN2D4DH	MB2.5F20LN2D4DH	ME2.5F20LN4D4DH	2.5	20	50	4
ME3F12LN2D4DH	MB3F12LN2D4DH	ME3F12LN4D4DH	3	12	50	4
ME3F16LN2D4DH	MB3F16LN2D4DH	ME3F16LN4D4DH	3	16	50	4
ME3F20LN2D4DH	MB3F20LN2D4DH	ME3F20LN4D4DH	3	20	50	4
ME3F25LN2D4DH	MB3F25LN2D4DH	ME3F25LN4D4DH	3	25	50	4

(* Flute length = 2 X Diameter)

DELTA

SOLID CARBIDE DELTA SERIES

DELTA --> FOR ALL MATERIALS UPTO 40HRC

DELTA LINE STANDARD ENDMILLS(4F)/BALLNOSE(2F)									
ITEM CODE	DIA	SHANK	FL	OAL	ITEM CODE	DIA	SHANK	FL	OAL
EM1N4D4D	1	4	4	50	EM20N4D	20	20	40	100
EM1.5N4D4D	1.5	4	4	50	BALLNOSE(2F)				
EM2N4D4D	2	4	6	50	BN1N2D4D	1	4	3	50
EM2.5N4D4D	2.5	4	8	50	BN1.5N2D4D	1.5	4	4	50
EM3N4D4D	3	4	8	50	BN2N2D4D	2	4	4	50
EM4N4D	4	4	10	50	BN2.5N2D4D	2.5	4	6	50
EM5N4D6D	5	6	13	50	BN3N2D4D	3	4	6	50
EM6N4D	6	6	15	50	BN4N2D	4	4	8	50
EM8N4D	8	8	25	60	BN6N2D	6	6	12	50
EM10N4D	10	10	30	75	BN8N2D	8	8	16	60
EM12N4D	12	12	30	75	BN10N2D	10	10	20	75
EM16N4D	16	16	40	100	BN12N2D	12	12	25	75

DELTA SERIES LONG ENDMILL(4F)/BALLNOSE(2F)									
ITEM CODE	DIA	SHANK	FL	OAL	ITEM CODE	DIA	SHANK	FL	OAL
EM3L4D4DEXT	3	4	15	75	BN3L2D4DEXT	3	4	8	75
EM4L4DEXT	4	4	15	75	BN4L2DEXT	4	4	10	75
EM5L4D6DEXT	5	6	20	75	BN6L2DEXT	6	6	15	75
EM6L4DEXT	6	6	24	75	BN3XL2D4DEXT	3	4	8	100
EM8L4DEXT	8	8	25	75	BN4XL2DEXT	4	4	10	100
EM4XL4DEXT	4	4	16	100	BN6LR2DEXT	6	6	15	100
EM6LR4DEXT	6	6	24	100	BN8LR2DEXT	6	6	20	100
EM8LR4DEXT	8	8	32	100	BN10L2DEXT	10	10	25	100
EM10L4DEXT	10	10	40	100	BN12L2DEXT	12	12	35	100
EM12L4DEXT	12	12	48	100					

DELTA LINE --> BALLNOSE(4F) & CORNER RADIUS ENDMILL(4F)									
ITEM CODE	DIA	SHANK	FL	OAL	ITEM CODE	DIA	SHANK	FL	OAL
BN1N4D4DEXT	1	4	2	50	BN10N4DEXT	10	10	20	75
BN1.5N4D4DEXT	1.5	4	3	50	BN12N4DEXT	12	12	24	75
BN2N4D4DEXT	2	4	4	50	EM4N4CR0.5	4R0	4	8	50
BN2.5N4D4DEXT	2.5	4	5	50	EM6N4CR0.5	6R0	6	12	50
BN3N4D4DEXT	3	4	6	50	EM8N4CR0.5	8R0	8	16	60
BN3N4DEXT	3	3	6	50	EM8N4CR1DEXT	8R1	8	16	60
BN4N4DEXT	4	4	8	50	EM10N4CR0.5DEXT	10R0.5	10	20	75
BN5N4DEXT	5	5	10	50	EM10N4CR1DEXT	10R1	10	20	75
BN6N4DEXT	6	6	12	50	EM12N4CR0.5DEXT	12R0.5	12	24	75
BN8N4DEXT	8	8	16	60	EM12N4CR1DEXT	12R1	12	24	75

DELTA HARD

SOLID CARBIDE DELTA HARD SERIES

DELTA HARD--> FOR ALL MATERIALS FROM 40 UPTO 55HRC

DELTA HARD-->STANDARD ENDMILLS(4F)/BALLNOSE(2F)

XCUT ITEM CODE	DIA	SHANK	FL	OAL	XCUT ITEM CODE	DIA	SHANK	FL	OAL
EM1N4D4DH	1	4	3	50	EM12N4DH	12	12	30	75
EM1.5N4D4DH	1.5	4	4	50	EM16N4DH	16	16	40	100
EM2N4D4DH	2	4	6	50	BALLNOSE(2F)				
EM3N4D4DH	3	4	8	50	BN1N2D4DH	1	4	3	50
EM3N4DH	3	3	8	50	BN2N2D4DH	2	4	4	50
EM4N4DH	4	4	10	50	BN3N2D4DH	3	4	6	50
EM5N4DH	5	5	13	50	BN4N2DH	4	4	8	50
EM5N4D6DH	5	6	13	50	BN5N2D6DH	5	6	12	50
EM6N4DH	6	6	15	50	BN6N2DH	6	6	12	50
EM8N4DH	8	8	25	60	BN8N2DH	8	8	16	60
EM10N4DH	10	10	30	75	BN10N2DH	10	10	20	75
					BN12N2DH	12	12	25	75

DELTA HARD --> LONG ENDMILL(4F)/BALLNOSE(2F)

XCUT ITEM CODE	DIA	SHANK	FL	OAL	XCUT ITEM CODE	DIA	SHANK	FL	OAL
EM3L4D4DH	3	4	15	75	BALLNOSE(2F)				
EM4L4DH	4	4	15	75	BN3L2D4DH	3	4	8	75
EM5L4D6DH	5	6	20	75	BN3XL2D4DH	3	4	8	100
EM6L4DH	6	6	24	75	BN4L2DH	4	4	10	75
EM8L4DH	8	8	25	75	BN4XL2DH	4	4	10	100
EM4XL4DH	4	4	16	100	BN6LR2DH	6	6	15	100
EM6LR4DH	6	6	24	100	BN8LR2DH	8	8	20	100
EM8LR4DH	8	8	32	100	BN10LR2DH	10	10	25	100
EM10LR4DH	10	10	40	100	BN6LR2DH	6	6	12	75
EM12LR4DH	12	12	48	100	BN12LR2DH	12	12	30	100

DELTA HARD --> BALLNOSE(4F) & CORNER RADIUS ENDMILL(4F)

XCUT ITEM CODE	DIA	SHANK	FL	OAL	XCUT ITEM CODE	DIA	SHANK	FL	OAL
BN2N4D4DH	2	4	4	50	EM3N4D4CR0.5/R1DH	3R0.5/R1	4	6	50
BN3N4DH	3	3	6	50	EM4N4CR0.5/R1DH	4R0.5/R1	4	8	50
BN4N4DH	4	4	8	50	EM5N4D6CR0.5/R1DH	5R0.5/R1	6	10	50
BN5N4DH	5	5	12	50	EM6N4CR0.5/R1DH	6R0.5/R1	6	12	50
BN6N4DH	6	6	12	50	EM8N4CR0.5/R1DH	8R0.5/R1	8	16	60
BN8N4DH	8	8	16	60	EM10N4CR0.5/R1DH	10R0.5/R1	10	20	75
BN10N4DH	10	10	20	75	EM12N4CR0.5/R1DH	12R0.5/R1	12	24	75
BN12N4DH	12	12	25	75					