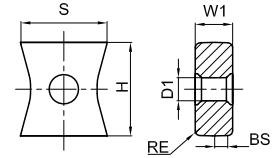






Face Milling

LNE(M)T











Vertically Eight Edge Milling Insert



Ordering Code	Dimension(mm)						Coating Grade										Uncoated	Cermat				
	H	W1	D1	S	RE	BS	GA4225	GA4230	GA4325	GA4330	GP4225	GP2115	GM4135	GM2140	GK4125	GK2115			GS4130	GH4115	GN9125	GP01TM
 LNET110608-GL	11.2	6	5	11	0.8	2	●				●		●		●							
	LNET150608-GL	15.0	6	7	13.9	0.8	2	●			●		●	●	●							
 LNMT110608-GM	11.2	6	5	11	0.8	2	●			●	●		●	●	●							
	LNMT150608-MM	15.0	6	7	13.9	0.8	2	●		●			●	●	●	●						
 LNMT110608-GH	11.2	6	5	11	0.8	2	●			●				●								
	LNMT150608-GH	15.0	6	7	13.9	0.8	2	●		●				●	●							
 LNET1106PNEN-W	11.4	6	5	11	--	4.6									●							
	LNET1506PNTN-W	15.2	6	7	13.9	--	4.8								●							

● Stock ○ Available Upon Order

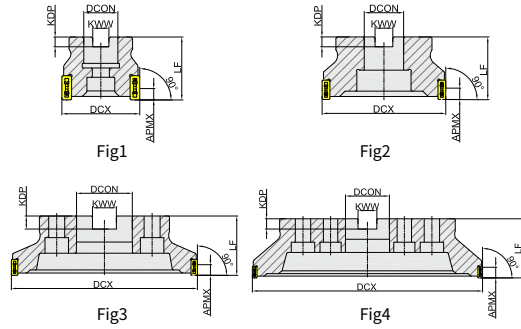
LNE(M)T Series Geometry

Light Cutting for General Material	Medium Cutting for General Material	Stainless Steel Medium Cutting	Heavy Cutting for General Material	Wiper
				
GL	GM	MM	GH	W
				
Low cutting resistance of light load cutting, better processing quality.	High stability machining is achieved under general working conditions.	Under the general working conditions, stainless steel material is realized High stability machining.	High strength cutting edge, excellent performance when cutting intermittently and removing black skin.	High precision wiped edge, improve surface quality.

Face Milling

MVA190

Arbor



Sparse Pitch

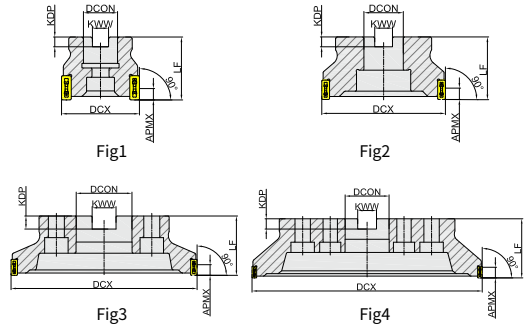
Ordering Code	Dia-meter	Teeth	Dimension(mm)					APMX	Suitable for	Coolant	Shape	Stock
			DCX	DCON	LF	KWW	KDP					
MVA190040R04A16LN11	40	4	40	16	40	8.4	5.6	5	LNE(M)T1106	×	Fig1	○
MVA190040L04A16LN11	40	4	40	16	40	8.4	5.6	5	LNE(M)T1106	×	Fig1	○
MVA190050R05A22LN11	50	5	50	22	40	10.4	6.3	5	LNE(M)T1106	×	Fig1	●
MVA190050L05A22LN11	50	5	50	22	40	10.4	6.3	5	LNE(M)T1106	×	Fig1	●
MVA190063R06A22LN11	63	6	63	22	40	10.4	6.3	5	LNE(M)T1106	×	Fig1	●
MVA190063L06A22LN11	63	6	63	22	40	10.4	6.3	5	LNE(M)T1106	×	Fig1	●
MVA190080R08B27LN11	80	8	80	27	50	12.4	7	5	LNE(M)T1106	×	Fig2	●
MVA190080L08B27LN11	80	8	80	27	50	12.4	7	5	LNE(M)T1106	×	Fig2	○
MVA190100R09B32LN11	100	9	100	32	50	14.4	8	5	LNE(M)T1106	×	Fig2	●
MVA190100L09B32LN11	100	9	100	32	50	14.4	8	5	LNE(M)T1106	×	Fig2	○
MVA190125R10B40LN11	125	10	125	40	63	16.4	9	5	LNE(M)T1106	×	Fig2	●
MVA190125L10B40LN11	125	10	125	40	63	16.4	9	5	LNE(M)T1106	×	Fig2	○
MVA190160R12C40LN11	160	12	160	40	63	16.4	9	5	LNE(M)T1106	×	Fig3	●
MVA190160L12C40LN11	160	12	160	40	63	16.4	9	5	LNE(M)T1106	×	Fig3	○
MVA190200R16C60LN11	200	16	200	60	63	25.7	14	5	LNE(M)T1106	×	Fig3	●
MVA190200L16C60LN11	200	16	200	60	63	25.7	14	5	LNE(M)T1106	×	Fig3	○

● Stock ○ Available Upon Order

Face Milling

MVA190

Arbor



Dense Pitch

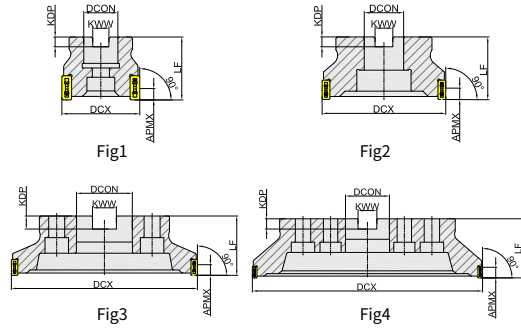
Ordering Code	Dia-meter	Teeth	Dimension(mm)					APMX	Suitable for	Coolant	Shape	Stock
			DCX	DCON	LF	KWW	KDP					
MVA190040R05A16LN11	40	5	40	16	40	8.4	5.6	5	LNE(M)T1106	×	Fig1	○
MVA190040L05A16LN11	40	5	40	16	40	8.4	5.6	5	LNE(M)T1106	×	Fig1	○
MVA190050R07A22LN11	50	7	50	22	40	10.4	6.3	5	LNE(M)T1106	×	Fig1	○
MVA190050L07A22LN11	50	7	50	22	40	10.4	6.3	5	LNE(M)T1106	×	Fig1	○
MVA190063R09A22LN11	63	9	63	22	40	10.4	6.3	5	LNE(M)T1106	×	Fig1	●
MVA190063L09A22LN11	63	9	63	22	40	10.4	6.3	5	LNE(M)T1106	×	Fig1	○
MVA190080R11B27LN11	80	11	80	27	50	12.4	7	5	LNE(M)T1106	×	Fig2	○
MVA190080L11B27LN11	80	11	80	27	50	12.4	7	5	LNE(M)T1106	×	Fig2	○
MVA190100R14B32LN11	100	14	100	32	50	14.4	8	5	LNE(M)T1106	×	Fig2	○
MVA190100L14B32LN11	100	14	100	32	50	14.4	8	5	LNE(M)T1106	×	Fig2	○
MVA190125R18B40LN11	125	18	125	40	63	16.4	9	5	LNE(M)T1106	×	Fig2	○
MVA190125L18B40LN11	125	18	125	40	63	16.4	9	5	LNE(M)T1106	×	Fig2	○
MVA190160R23C40LN11	160	23	160	40	63	16.4	9	5	LNE(M)T1106	×	Fig3	○
MVA190160L23C40LN11	160	23	160	40	63	16.4	9	5	LNE(M)T1106	×	Fig3	○
MVA190200R28C60LN11	200	28	200	60	63	25.7	14	5	LNE(M)T1106	×	Fig3	○
MVA190200L28C60LN11	200	28	200	60	63	25.7	14	5	LNE(M)T1106	×	Fig3	○

● Stock ○ Available Upon Order

Face Milling

MVA190

Arbor



Sparse Pitch

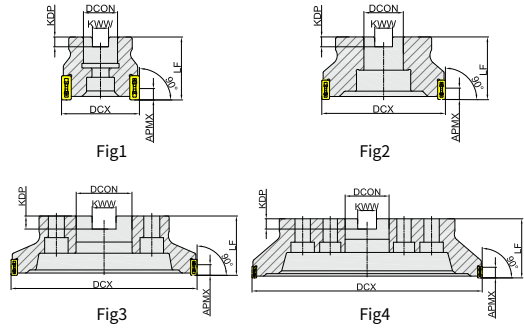
Ordering Code	Dia-meter	Teeth	Dimension(mm)					APMX	Suitable for	Coolant	Shape	Stock
			DCX	DCON	LF	KWW	KDP					
MVA190050R04A22LN15	50	4	50	22	40	10.4	6.3	7	LNE(M)T1506	×	Fig1	●
MVA190050L04A22LN15	50	4	50	22	40	10.4	6.3	7	LNE(M)T1506	×	Fig1	○
MVA190063R05A22LN15	63	5	63	22	40	10.4	6.3	7	LNE(M)T1506	×	Fig1	●
MVA190063L05A22LN15	63	5	63	22	40	10.4	6.3	7	LNE(M)T1506	×	Fig1	●
MVA190080R06B27LN15	80	6	80	27	50	12.4	7	7	LNE(M)T1506	×	Fig2	●
MVA190080L06B27LN15	80	6	80	27	50	12.4	7	7	LNE(M)T1506	×	Fig2	○
MVA190100R08B32LN15	100	8	100	32	50	14.4	8	7	LNE(M)T1506	×	Fig2	●
MVA190100L08B32LN15	100	8	100	32	50	14.4	8	7	LNE(M)T1506	×	Fig2	○
MVA190125R10B40LN15	125	10	125	40	63	16.4	9	7	LNE(M)T1506	×	Fig2	●
MVA190125L10B40LN15	125	10	125	40	63	16.4	9	7	LNE(M)T1506	×	Fig2	○
MVA190160R12C40LN15	160	12	160	40	63	16.4	9	7	LNE(M)T1506	×	Fig3	●
MVA190160L12C40LN15	160	12	160	40	63	16.4	9	7	LNE(M)T1506	×	Fig3	○
MVA190200R12C60LN15	200	12	200	60	63	25.7	14	7	LNE(M)T1506	×	Fig3	●
MVA190200L12C60LN15	200	12	200	60	63	25.7	14	7	LNE(M)T1506	×	Fig3	○
MVA190200R15C60LN15	200	15	200	60	63	25.7	14	7	LNE(M)T1506	×	Fig3	○
MVA190200L15C60LN15	200	15	200	60	63	25.7	14	7	LNE(M)T1506	×	Fig3	○
MVA190250R15C60LN15	250	15	250	60	63	25.7	14	7	LNE(M)T1506	×	Fig3	○
MVA190250L15C60LN15	250	15	250	60	63	25.7	14	7	LNE(M)T1506	×	Fig3	○
MVA190250R20C60LN15	250	20	250	60	63	25.7	14	7	LNE(M)T1506	×	Fig3	○
MVA190250L20C60LN15	250	20	250	60	63	25.7	14	7	LNE(M)T1506	×	Fig3	○
MVA190315R18D60LN15	315	18	315	60	80	25.7	14	7	LNE(M)T1506	×	Fig4	○
MVA190315L18D60LN15	315	18	315	60	80	25.7	14	7	LNE(M)T1506	×	Fig4	○
MVA190315R25D60LN15	315	25	315	60	80	25.7	14	7	LNE(M)T1506	×	Fig4	○
MVA190315L25D60LN15	315	25	315	60	80	25.7	14	7	LNE(M)T1506	×	Fig4	○

● Stock ○ Available Upon Order

Face Milling

MVA190

Arbor



Dense Pitch

Ordering Code	Dia-meter	Teeth	Dimension(mm)						APMX	Suitable for	Coolant	Shape	Stock
			DCX	DCON	LF	KWW	KDP						
MVA190050R05A22LN15	50	5	50	22	40	10.4	6.3	7	LNE(M)T1506	×	Fig1	●	
MVA190050L05A22LN15	50	5	50	22	40	10.4	6.3	7	LNE(M)T1506	×	Fig1	○	
MVA190063R06A22LN15	63	6	63	22	40	10.4	6.3	7	LNE(M)T1506	×	Fig1	○	
MVA190063L06A22LN15	63	6	63	22	40	10.4	6.3	7	LNE(M)T1506	×	Fig1	○	
MVA190080R08B27LN15	80	8	80	27	50	12.4	7	7	LNE(M)T1506	×	Fig2	●	
MVA190080L08B27LN15	80	8	80	27	50	12.4	7	7	LNE(M)T1506	×	Fig2	○	
MVA190100R10B32LN15	100	10	100	32	50	14.4	8	7	LNE(M)T1506	×	Fig2	●	
MVA190100L10B32LN15	100	10	100	32	50	14.4	8	7	LNE(M)T1506	×	Fig2	○	
MVA190125R12B40LN15	125	12	125	40	63	16.4	9	7	LNE(M)T1506	×	Fig2	○	
MVA190125L12B40LN15	125	12	125	40	63	16.4	9	7	LNE(M)T1506	×	Fig2	○	
MVA190160R15C40LN15	160	15	160	40	63	16.4	9	7	LNE(M)T1506	×	Fig3	○	
MVA190160L15C40LN15	160	15	160	40	63	16.4	9	7	LNE(M)T1506	×	Fig3	○	
MVA190200R20C60LN15	200	20	200	60	63	25.7	14	7	LNE(M)T1506	×	Fig3	○	
MVA190200L20C60LN15	200	20	200	60	63	25.7	14	7	LNE(M)T1506	×	Fig3	○	
MVA190250R25C60LN15	250	25	250	60	63	25.7	14	7	LNE(M)T1506	×	Fig3	○	
MVA190250L25C60LN15	250	25	250	60	63	25.7	14	7	LNE(M)T1506	×	Fig3	○	
MVA190315R30D60LN15	315	30	315	60	80	25.7	14	7	LNE(M)T1506	×	Fig4	○	
MVA190315L30D60LN15	315	30	315	60	80	25.7	14	7	LNE(M)T1506	×	Fig4	○	

● Stock ○ Available Upon Order

Face Milling

MVA290

Disc

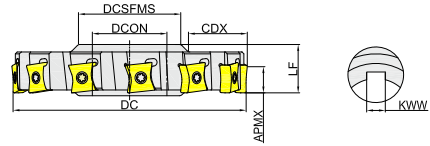
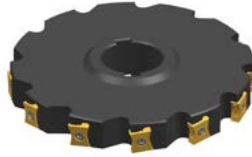


Fig5

Ordering Code	Dia-meter	Teeth	Dimension(mm)							APMX	Suitable for	Coolant	Shape	Stock
			DC	CDX	DCON	DCSFMS	KWW	LF						
MVA290080R08K27LN15	80	8	80	18	27	41	7	24	7	LNE(M)T1506	×	Fig5	○	
MVA290080L08K27LN15	80	8	80	18	27	41	7	24	7	LNE(M)T1506	×	Fig5	○	
MVA290100R10K32LN15	100	10	100	23	32	47	8	26	7	LNE(M)T1506	×	Fig5	○	
MVA290100L10K32LN15	100	10	100	23	32	47	8	26	7	LNE(M)T1506	×	Fig5	○	
MVA290125R12K40LN15	125	12	125	32	40	55	10	26	7	LNE(M)T1506	×	Fig5	○	
MVA290125L12K40LN15	125	12	125	32	40	55	10	26	7	LNE(M)T1506	×	Fig5	○	
MVA290160R15K40LN15	160	15	160	49	40	55	10	26	7	LNE(M)T1506	×	Fig5	○	
MVA290160L15K40LN15	160	15	160	49	40	55	10	26	7	LNE(M)T1506	×	Fig5	○	
MVA290200R20K50LN15	200	20	200	63	50	68	12	28	7	LNE(M)T1506	×	Fig5	○	
MVA290200L20K50LN15	200	20	200	63	50	68	12	28	7	LNE(M)T1506	×	Fig5	○	
MVA290250R25K60LN15	250	25	250	80	60	84	14	28	7	LNE(M)T1506	×	Fig5	○	
MVA290250L25K60LN15	250	25	250	80	60	84	14	28	7	LNE(M)T1506	×	Fig5	○	

● Stock ○ Available Upon Order

Spare Parts

Part Name		Inserts Screw	Insert Screw Wrench	
Inserts	Shape			
	Specification Ordering Code	SI60M3.5X9.4-04909I	TI10P	TI10T
LNE(M)T1106	Specification Ordering Code	SI60M035094-04909IB	TI10PB	TI10TB
	Specification Ordering Code	SI60M4X11-05708I	TI15P	TI15T
LNE(M)T1506	Specification Ordering Code	SI60M040110-05708IB	TI15PB	TI15TB

Recommended Cutting Data

Workpiece	Hardness	Grade	Specification	Ap (mm)	Cutting Speed Vc(m/min)	Feed Rate/Edges fz(mm)			
						Light Cutting(L)	Medium Cutting(M)	Heavy Cutting(H)	
P	Soft Steel	≤ HB180	GA4225 GA4230	LNE(M)T1106	2.5	220 (180-260)	0.1 (0.05-0.15)	0.15 (0.1-0.2)	0.2 (0.15-0.25)
				LNE(M)T1506	3.5		0.2 (0.1-0.3)	0.25 (0.1-0.4)	0.3 (0.2-0.5)
	Carbon Steel, Alloy Steel	HB180-350	GA4225 GA4230 GP2115	LNE(M)T1106	2.5	180 (140-220)	0.1 (0.05-0.15)	0.15 (0.1-0.2)	0.2 (0.15-0.25)
				LNE(M)T1506	3.5		0.2 (0.1-0.3)	0.25 (0.1-0.4)	0.3 (0.2-0.5)
	Pre-harden Steel	HRC35-45	GA4230 GA4225 GP2115	LNE(M)T1106	2.5	160 (120-200)	0.06 (0.05-0.1)	0.1 (0.05-0.15)	0.15 (0.1-0.2)
				LNE(M)T1506	3.5		0.1 (0.05-0.15)	0.15 (0.1-0.2)	0.2 (0.15-0.25)
M	Stainless (Ferrite, Martensite)	≤ HB270	GM2140 GM4135 GA4230	LNE(M)T1106	2.5	160 (120-200)	0.1 (0.05-0.15)	0.15 (0.1-0.2)	0.2 (0.15-0.25)
				LNE(M)T1506	3.5		0.15 (0.1-0.2)	0.25 (0.15-0.35)	0.3 (0.2-0.4)
	Stainless (Austenite, Diphasic)	≤ HB270	GM2140 GM4135	LNE(M)T1106	2.5	140 (100-180)	0.06 (0.05-0.1)	0.1 (0.05-0.15)	0.15 (0.1-0.2)
				LNE(M)T1506	3.5		0.1 (0.05-0.15)	0.15 (0.1-0.2)	0.2 (0.15-0.25)
K	Grey Cast Iron	≤ HB280	GK2115 GK4125	LNE(M)T1106	2.5	220 (180-260)	0.2 (0.1-0.3)	0.25 (0.1-0.4)	0.3 (0.2-0.5)
				LNE(M)T1506	3.5		0.2 (0.1-0.3)	0.25 (0.1-0.4)	0.3 (0.2-0.5)
	Nodular Cast Iron, Vermicular Graphite Cast Iron	≤ HB350	GK4125 GK2115	LNE(M)T1106	2.5	140 (100-180)	0.1 (0.05-0.15)	0.15 (0.1-0.2)	0.2 (0.15-0.25)
				LNE(M)T1506	3.5		0.1 (0.05-0.15)	0.15 (0.1-0.2)	0.2 (0.15-0.25)