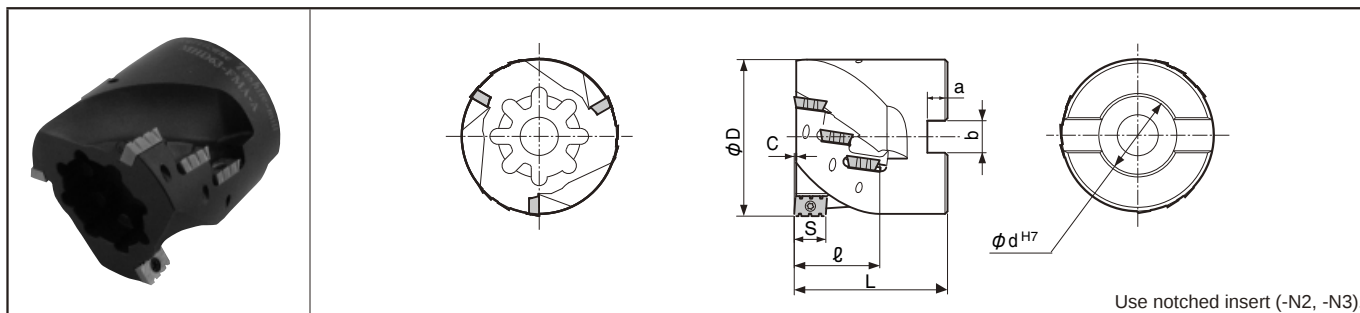


MHD-FMA-A Base Unit (FMA Arbor-Free type)



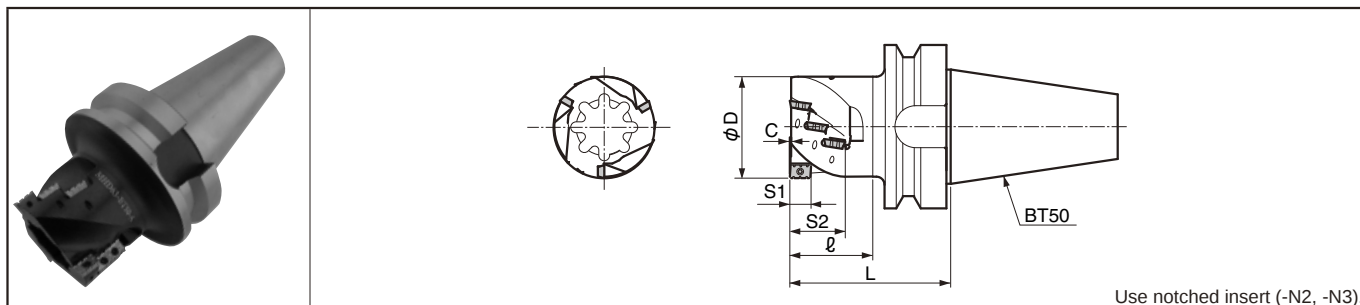
Toolholder Dimensions

Description	Std.	No. of Insert	No. of Flute	Dimension (mm)							Rake Angle (°)		Weight (Kg)
				øD	ød	L	l	C	a	b	A.R.	R.R.	
MHD 63-FMA-A	○	9	3	63	31.75	60.9	32.7	0.9	8	12.7	+9°	0°	0.8
80-FMA-A	○			80	38.1				10	15.9			1.4
100-FMA-A	○	16	4	100	50.8	66.9	43.2		11	19.0			2.3

Applicable Inserts, Front Piece and Arbor

Endmill	Applicable Inserts	Applicable Front Piece	Applicable Arbor
MHD 63-FMA-A	NDMM12T308ER-N2 / N3	MHD63-F	BT50-FMA31.75-○○
80-FMA-A		MHD80-F	BT50-FMA38.1-○○
100-FMA-A		MHD100-F	BT50-FMA50.8-○○

MHD-BT50-A Base Unit (BT50 Integral Arbor type)



Toolholder Dimensions

Description	Std.	No. of Insert	No. of Flute	Dimension (mm)							Rake Angle (°)		Weight (Kg)
				øD	L	l	C	S1	S2		A.R.	R.R.	
MHD 63-BT50-A	○	9	3	63	94.1	46.1	0.9	11.8	31.8		+9°	+0°	4.5
80-BT50-A	○			80									5.5
100-BT50-A	○	16	4	100	104	66.0			42.3				6.8

Applicable Inserts and Front Piece

Endmill	Applicable Inserts	Applicable Front Piece
MHD 63-BT50-A	NDMM12T308ER-N2 / N3	MHD63-F
80-BT50-A		MHD80-F
100-BT50-A		MHD100-F