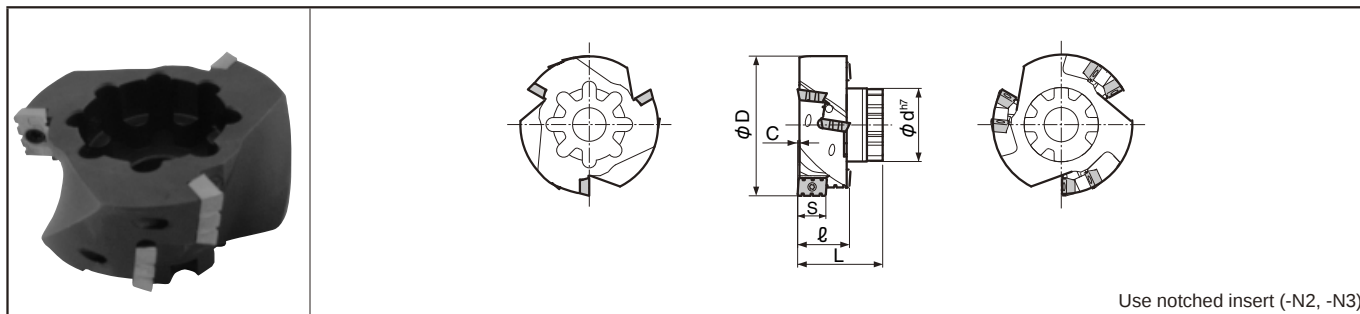


MHD Helical Endmill

MHD-F (Front Piece)

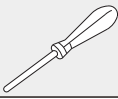
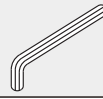
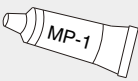


Use notched insert (-N2, -N3).

Toolholder Dimensions

Description	Std.	No. of Insert	No. of Flute	Dimension (mm)						Rake Angle (°)		Weight (Kg)	Applicable Inserts ➡ M19
				øD	ød	L	l	C	S	A.R.	R.R.		
MHD 63-F	●	6	3	63	32.5	37.9	21.9	0.9	11.8	+9°	0°	0.3	NDMM12T308ER-N2 / N3
80-F	●	9		80	42	51.9	32.4					0.9	
100-F	●	12	4	100	61	56.4	32.4					1.4	

Spare Parts

Description		Spare Parts				
		Clamp Screw	Wrench	Clamp Bolt	Wrench	Anti-seize Compound
						
Arbor -Free Type ➡ M70	MHD 63-FMA-SA	SB-3080TR	DT-10	HH16X90	LW-14	MP-1
	80-FMA-SA			HH20X110	LW-17	
	100-FMA-SA			HH24X110	LW-19	
Base Unit ➡ M71	MHD 63-FMA-A			HH16X90	LW-14	
	80-FMA-A			HH20X110	LW-17	
	100-FMA-A			HH24X110	LW-19	
Arbor Integral Type ➡ M70	MHD 63-BT50-SA			HH16X65	LW-14	
	80-BT50-SA			HH20X90	LW-17	
	100-BT50-SA			HH24X90	LW-19	
Base Unit ➡ M71	MHD 63-BT50-A			HH16X65	LW-14	
	80-BT50-A			HH20X90	LW-17	
	100-BT50-A			HH24X90	LW-19	
Front Piece ➡ M72	MHD 63-F			-	-	-
	80-F			-	-	-
	100-F			-	-	-

- If purchasing the front piece only, the wrench (DT-10) is not included.
- When purchasing the base unit and front pieces separately for assembly, the clamp bolt and wrench (for bolt) are not included. Please purchase them separately.
- Various clamp bolts for front pieces are available. ➡ M77



Coat Anti-seize Compound (MP-1) thinly on clamp screw when insert is fixed.