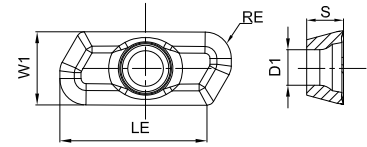


Shoulder Milling

# XDHT

Shoulder Milling Insert For Aluminium



Ordering Code	Dimension(mm)					Coating Grade										Uncoated	Cermat			
	LE	W1	S	D1	RE	GA4225	GA4230	GA4325	GA4330	GP4225	GP2115	GM4135	GM2140	GK4125	GK2115			GS4130	GH4115	GN9125
XDHT190402FR-AL	19	9.5	4.76	4.6	0.2															●
XDHT190408FR-AL	19	9.5	4.76	4.6	0.8															●
XDHT190420FR-AL	19	9.5	4.76	4.6	2.0															●
XDHT190432FR-AL	19	9.5	4.76	4.6	3.2															●
XDHT190440FR-AL	19	9.5	4.76	4.6	4.0															●
XDHT190450FR-AL	19	9.5	4.76	4.6	5.0															●



● Stock ○ Available Upon Order

## XDHT Series Geometry

General Cutting  
for Aluminum Alloys



AL

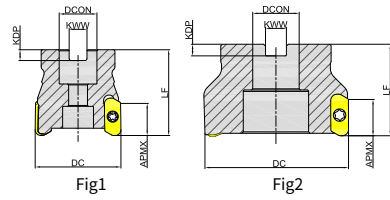


Large rake angle, sharp edge, light cutting, polishing and good chip removal

## Shoulder Milling

**MEH190**

Arbor



Ordering Code	Dia- meter	Teeth	Dimension(mm)					APMX	Suitable for	Coolant	Shape	Stock
			DC	DCON	LF	KWW	KDP					
MEH190040R03A16XD19	40	3	40	16	50	8.4	5.6	18	XDHT1904(RE ≤ 4)	×	Fig1	●
MEH190050R04A22XD19	50	4	50	22	50	10.4	6.3	18	XDHT1904(RE ≤ 4)	×	Fig1	●
MEH190063R04A22XD19	63	4	63	22	50	10.4	6.3	18	XDHT1904(RE ≤ 4)	×	Fig1	●
MEH190063R05A22XD19	63	5	63	22	50	10.4	6.3	18	XDHT1904(RE ≤ 4)	×	Fig1	●
MEH190080R04A27XD19	80	4	80	27	50	12.4	7	18	XDHT1904(RE ≤ 4)	×	Fig1	●
MEH190080R05A27XD19	80	5	80	27	50	12.4	7	18	XDHT1904(RE ≤ 4)	×	Fig1	●
MEH190100R05B32XD19	100	5	100	32	50	14.4	8	18	XDHT1904(RE ≤ 4)	×	Fig2	○
MEH190100R08B32XD19	100	8	100	32	50	14.4	8	18	XDHT1904(RE ≤ 4)	×	Fig2	○
MEH190125R05B40XD19	125	5	125	40	63	16.4	9	18	XDHT1904(RE ≤ 4)	×	Fig2	○
MEH190125R06B40XD19	125	6	125	40	63	16.4	9	18	XDHT1904(RE ≤ 4)	×	Fig2	○

● Stock ○ Available Upon Order

Shoulder Milling

# MEH190

Cylindrical Straight Type

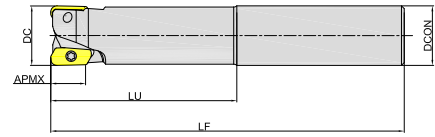


Fig3

Ordering Code	Dia-meter	Teeth	Dimension(mm)				APMX	Suitable for	Coolant	Shape	Stock
			DC	DCON	LF	LU					
MEH190025R02P25XD19	25	2	25	25	121	50	18	XDHT1904(RE ≤ 4)	×	Fig3	●
MEH190025R02P25XD19L	25	2	25	25	165	63	18	XDHT1904(RE ≤ 4)	×	Fig3	●
MEH190032R02P32XD19S	32	2	32	32	125	65	18	XDHT1904(RE ≤ 4)	×	Fig3	●
MEH190032R02P32XD19	32	2	32	32	165	80	18	XDHT1904(RE ≤ 4)	×	Fig3	●
MEH190032R02P32XD19L	32	2	32	32	190	100	18	XDHT1904(RE ≤ 4)	×	Fig3	●
MEH190032R03P32XD19S	32	3	32	32	125	65	18	XDHT1904(RE ≤ 4)	×	Fig3	●
MEH190032R03P32XD19	32	3	32	32	165	80	18	XDHT1904(RE ≤ 4)	×	Fig3	●
MEH190032R03P32XD19L	32	3	32	32	190	100	18	XDHT1904(RE ≤ 4)	×	Fig3	●

● Stock ○ Available Upon Order

# MEH190

Replaceable Tool Head

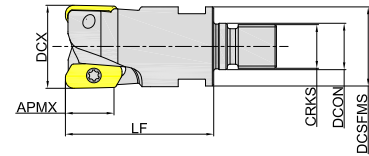


Fig4

Ordering Code	Dia-meter	Teeth	Dimension(mm)					APMX	Suitable for	Coolant	Shape	Stock
			DCX	DCON	DCSFMS	LF	CRKS					
MEH190025R02M12XD19	25	2	25	12.5	24	45	M12	18	XDHT1904(RE ≤ 4)	×	Fig4	○
MEH190032R03M16XD19	32	3	32	17	29	52	M16	18	XDHT1904(RE ≤ 4)	×	Fig4	○
MEH190040R03M16XD19	40	3	40	17	32	52	M16	18	XDHT1904(RE ≤ 4)	×	Fig4	○

● Stock ○ Available Upon Order

## Shoulder Milling

# MEH190

Integrated Cutter-HSK63A

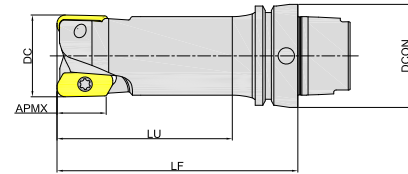


Fig5

Ordering Code	Dia-meter	Teeth	Dimension(mm)				APMX	Suitable for	Coolant	Shape	Stock
			DC	DCON	LF	LU					
MEH190025R02HA63XD19S	25	2	25	63	90	50	18	XDHT1904(RE ≤ 4)	×	Fig5	○
MEH190025R02HA63XD19	25	2	25	63	100	63	18	XDHT1904(RE ≤ 4)	×	Fig5	○
MEH190032R02HA63XD19S	32	2	32	63	100	63	18	XDHT1904(RE ≤ 4)	×	Fig5	○
MEH190032R02HA63XD19	32	2	32	63	120	80	18	XDHT1904(RE ≤ 4)	×	Fig5	○
MEH190032R03HA63XD19S	32	3	32	63	100	63	18	XDHT1904(RE ≤ 4)	×	Fig5	○
MEH190032R03HA63XD19	32	3	32	63	120	80	18	XDHT1904(RE ≤ 4)	×	Fig5	○
MEH190040R03HA63XD19S	40	3	40	63	100	63	18	XDHT1904(RE ≤ 4)	×	Fig5	○
MEH190040R03HA63XD19	40	3	40	63	120	80	18	XDHT1904(RE ≤ 4)	×	Fig5	○

● Stock ○ Available Upon Order

## Spare Parts

Part Name		Inserts Screw	Insert Screw Wrench	
Inserts	Shape			
	Specification	SI60M4.0X8.5-05512I	TI15P	TI15T
XDHT1904	Ordering Code	SI60M040085-05512IB	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)
Aluminium	HB60-210	GN9125	XDHT1904	7	≥ 300	0.15 (0.1-0.2)	0.2 (0.1-0.3)	0.3 (0.2-0.4)