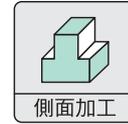
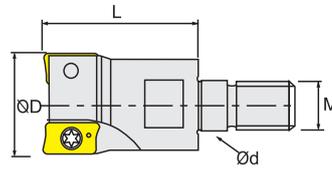


# SHOULDER / CUTTING END MILLS



## 直角端銑刀

### VAX

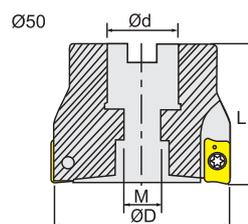


(Unit: mm)

Model No.	Dimensions				Teeth	Insert	Screw	Wrench
	D	d	L	M				
VAX11-162-MD14	16	8.5	26	M8	2	R39011T3..	MS2506B	ETF9
VAX11-172-MD14	17				3			
VAX11-202-MD18	20	10.5	30	M10	2			
VAX11-203-MD18					3			
VAX11-212-MD18	21	10.5	30	M10	2			
VAX11-213-MD18					3			
VAX11-253-MD23	25	12.5	35	M12	3			
VAX11-254-MD23					4			
VAX11-263-MD23	26	12.5	35	M12	3			
VAX11-324-MD29					4			
VAX11-325-MD29	32	17	43	M16	5			
VAX11-334-MD29					4			
VAX11-335-MD29	33	17	43	M16	5			
VAX11-354-MD29					4			
VAX11-355-MD29	5							

\* SANDVIK inserts recommended.

### VAX



(Unit: mm)

Model No.	Dimensions				Teeth	Insert	Screw	Wrench
	D	d	L	M				
VAX11-05005-22.0	50	22.0	40	11	5	R39011T3..	MS2508B	ETF9
VAX11-05007-22.0					7			
VAX11-05005-25.4	50	25.4	50	13	5			
VAX11-05007-25.4					7			

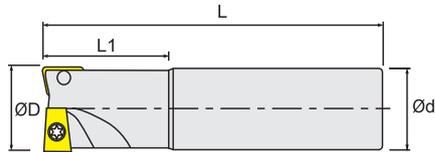
\* SANDVIK inserts recommended.

# BORING & MILLING CUTTER



## 鑽銑刀

### AQX

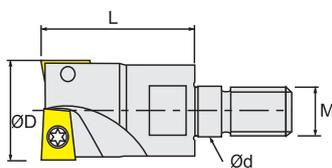


(Unit: mm)

Model No.	Dimensions				Teeth	Insert	Screw	Wrench
	D	d	L	L1				
AQXR162-S16-150	16	16	150	30	2	QOG/MT0830R-G1/M2	MS2205A	ETF7
AQXR162-S16-200			200					
AQXR172-S16-150	17	16	150	25	2	QOG/MT1035R-G1/M2	MS2506A	ETF9
AQXR172-S16-200			200					
AQXR202-S20-150	20	20	150	35	2	QOG/MT1035R-G1/M2	MS2506A	ETF9
AQXR202-S20-200			200					
AQXR212-S20-150	21	20	150	32	2	QOG/MT1342R-G1/M2	MS3008A	ETF9
AQXR212-S20-200			200					
AQXR252-S25-150	25	25	150	40	2	QOG/MT1342R-G1/M2	MS3008A	ETF9
AQXR252-S25-200			200					
AQXR262-S25-150	26	25	150	30	2	QOG/MT1651R-G1/M2	MS4009A	ETF15
AQXR262-S25-200			200					
AQXR322-S32-150	32	32	150	45	2	QOG/MT1651R-G1/M2	MS4009A	ETF15
AQXR322-S32-200			200					
AQXR332-S32-150	33	32	150	38	2	QOG/MT1651R-G1/M2	MS4009A	ETF15
AQXR332-S32-200			200					
AQXR332-S32-250			250					
AQXR332-S32-300			300					

\* MITSUBISHI inserts recommended.

### AQX



(Unit: mm)

Model No.	Dimensions				Teeth	Insert	Screw	Wrench
	D	d	L	M				
AQXR162-MD14	16	8.5	25	M8	2	QOG/MT0830R-G1/M2	MS2205A	ETF7
AQXR172-MD14	17							
AQXR202-MD18	20	10.5	32	M10	2	QOG/MT1035R-G1/M2	MS2506A	ETF9
AQXR212-MD18	21							
AQXR252-MD23	25	12.5	35	M12	2	QOG/MT1342R-G1/M2	MS3008A	ETF9
AQXR262-MD23	26							
AQXR322-MD29	32	17	43	M16	2	QOG/MT1651R-G1/M2	MS4009A	ETF15
AQXR332-MD29	33							

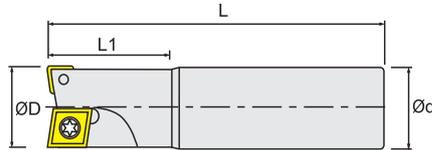
\* MITSUBISHI inserts recommended.

# BORING & MILLING CUTTER



## 鑽銑刀

### AJU

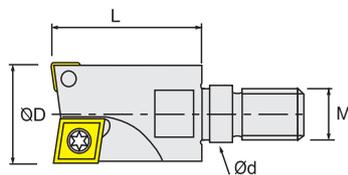


(Unit: mm)

Model No.	Dimensions				Teeth	Insert		Screw		Wrench	
	D	d	L	M							
C10-DM10-130	10	10	130	25	1	CCMT060204	--	MS2506C	--	ETF7	--
C10-DM11-130	11	10	130	16	1						
C12-DM12-150	12	12	150	30	1						
C12-DM13-150	13	12	150	20	1	CPMT080204Z	--	MS2506C	--	ETF7	--
C16-DM16-150	16	16	150	30	2	CPMT080204Z	CCMT060204	MS2506C	MS2506C	ETF7	--
C16-DM16-200			200								
C16-DM17-150	17	16	150	25	2						
C16-DM17-200			200								
C20-DM20-150	20	20	150	30	2	CPMT090204Z	CCMT060204	MS3507A	MS2506C	ETF15	ETF7
C20-DM20-200			200								
C20-DM21-150	21	20	150	25	2						
C20-DM21-200			200								
C25-DM25-150	25	25	150	40	2						
C25-DM25-200			200								
C25-DM25-250			250								
C25-DM26-150	26	25	150	30	2	CPMT120308Z	CPMT090308	MS4009A	MS4009A	ETF15	--
C25-DM26-200			200								
C25-DM26-250			250								
C32-DM32-150	32	32	150	40	2						
C32-DM32-200			200								
C32-DM32-250			250								
C32-DM32-300			300								
C32-DM33-150	33	32	150	30	2	CPMT160408Z	CPMT120408	MS5011A	MS5011A	ETF20	--
C32-DM33-200			200								
C32-DM33-250			250								
C32-DM33-300			300								

\* HITACHI inserts recommended.

### AJU



(Unit: mm)

Model No.	Dimensions				Teeth	Insert		Screw		Wrench	
	D	d	L	M							
AJU16-MD14	16	8.5	28	M8	2	CPMT080204Z	CCMT060204	MS2506C	MS2506C	ETF7	
AJU17-MD14	17										
AJU20-MD18	20	10.5	32	M10	2	CPMT090204Z	CCMT060204	MS3507A	MS2506C	ETF15	ETF7
AJU21-MD18	21										
AJU25-MD23	25	12.5	38	M12	2	CPMT120308Z	CPMT090308	MS4009A	MS4009A	ETF15	
AJU26-MD23	26										
AJU32-MD29	32	17	43	M16	2	CPMT160408Z	CPMT120408	MS5011A	MS5011A	ETF20	
AJU33-MD29	33										

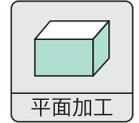
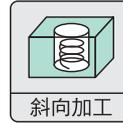
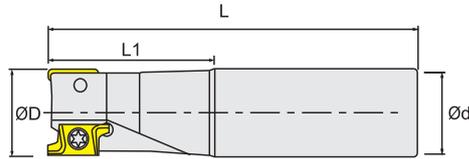
\* HITACHI inserts recommended.

# SHOULDER/ CUTTING END MILLS

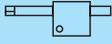


## 直角端銑刀

### RT



(Unit: mm)

Model No.	Dimensions				Teeth	Insert	Screw 	Wrench 		
	D	d	L	L1						
RT07-D061-S10-100	6	10	100	20	1	RT0702..	MS2004A	ETF6		
RT07-D081-S10-100	8	10	100	20	1					
RT07-D102-S10-150	10	10	150	25	2					
RT07-D112-S10-150	11	10	150	20	2					
RT07-D122-S12-150	12	12	150	25	2					
RT07-D132-S12-150	13	12	150	20	2					
RT07-D163-S16-150	16	16	150	30	3					
RT07-D163-S16-200			200							
RT07-D173-S16-150	17	16	150	25	3					
RT07-D173-S16-200			200							
RT07-D204-S20-150	20	20	150	35	4					
RT07-D204-S20-200			200							
RT10-D162-S16-150	16	16	150	30	2	RT1003 ..	MS2506B	ETF9		
RT10-D162-S16-200			200							
RT10-D172-S16-150	17	16	150	25	2					
RT10-D172-S16-200			200							
RT10-D202-S20-150	20	20	150	35	2					
RT10-D202-S20-200			200							
RT10-D203-S20-150			20	20	150				35	3
RT10-D203-S20-200					200					
RT10-D212-S20-150	21	20	150	30	2					
RT10-D212-S20-200			200							
RT10-D213-S20-150			20	20	150				30	3
RT10-D213-S20-200					200					
RT10-D252-S25-150	25	25	150	40	2					
RT10-D252-S25-200			200							
RT10-D253-S25-150			25	25	150				40	3
RT10-D253-S25-200					200					
RT10-D262-S25-150	26	25	150	30	2					
RT10-D262-S25-200			200							
RT10-D263-S25-150			25	25	150				30	3
RT10-D263-S25-200					200					
RT10-D324-S32-150	32	32	150	40	4					
RT10-D324-S32-200			200							
RT10-D325-S32-150			32	32	150				40	5
RT10-D325-S32-200					200					
RT10-D334-S32-150	33	32	150	35	4					
RT10-D334-S32-200			200							
RT10-D335-S32-150			32	32	150				35	5
RT10-D335-S32-200					200					
RT10-D354-S32-150	35	32	150	35	4					
RT10-D354-S32-200			200							
RT10-D355-S32-150			32	32	150	35	5			
RT10-D355-S32-200					200					

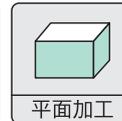
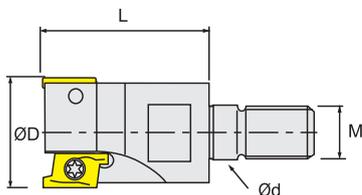
\* SAFETY inserts recommended.

# SHOULDER/CUTTING END MILLS



## 直角端銑刀

RT

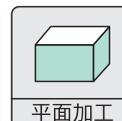
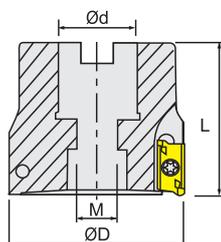


(Unit: mm)

Model No.	Dimensions				Teeth	Insert	Screw	Wrench		
	D	d	L	M						
RT07-D102-MD10	10	5.5	18	M5	2	RT0702..	MS2004A	ETF6		
RT07-D112-MD10	11									
RT07-D122-MD11	12	6.5	20	M6	2		MS2005A			
RT07-D132-MD11	13									
RT07-D163-MD14	16	8.5	23	M8	3					
RT07-D173-MD14	17									
RT07-D204-MD18	20	10.5	30	M10	4					
RT07-D214-MD18	21									
RT10-D162-MD14	16	8.5	30	M8	2		RT1003..		MS2506B	ETF9
RT10-D172-MD14	17									
RT10-D202-MD18	20	10.5	30	M10	2					
RT10-D203-MD18					3					
RT10-D212-MD18					2					
RT10-D213-MD18	21	10.5	30	M10	3					
RT10-D253-MD23					25					
RT10-D263-MD23	26	12.5	35	M12	3					
RT10-D324-MD29					32					
RT10-D325-MD29	32	17	43	M16	5					
RT10-D334-MD29					4					
RT10-D335-MD29					5					
RT10-D354-MD29	35	17	43	M16	4					
RT10-D355-MD29					5					

\* SAFETY inserts recommended.

RT



(Unit: mm)

Model No.	Dimensions				Teeth	Insert	Screw	Wrench
	D	d	L	M				
RT10-D504-22.0	50	22.0	50	11	4	RT1003 ..	MS2506B	ETF9
RT10-D506-22.0					6			
RT10-D634-25.4	63	25.4	50	13	4			
RT10-D636-25.4					6			
RT10-D664-25.4	66	25.4	50	13	4			
RT10-D666-25.4					6			

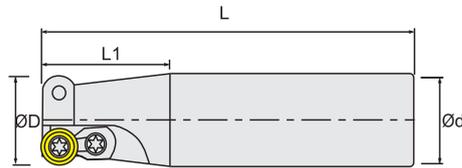
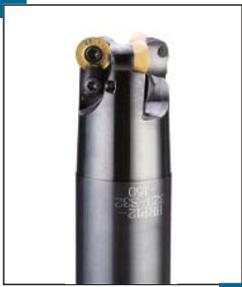
\* SAFETY inserts recommended.

# CORNER ROUNDING END MILLS



## 圓刃銑刀

### BRP

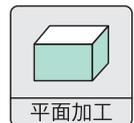
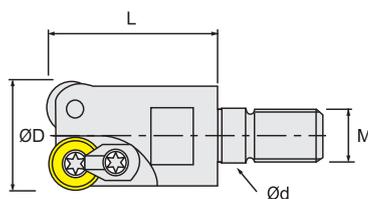


(Unit: mm)

Model No.	Dimensions				Teeth	Insert	Screw	Wrench	Screw	Clamp	Wrench
	D	d	L	L1							
BRP08-202-S20-150	20	20	150	35	2	RP ..08T2	MS2506A	ETF9	MS3509A	MC35-143	ETF15
BRP08-202-S20-200			200								
BRP10-252-S25-150	25	25	150	40	2	RP ..10T3	MS3509A	ETF15	MS3509A	MC35-143	ETF15
BRP10-252-S25-200			200								
BRP12-252-S25-150			150								
BRP12-252-S25-200	25	25	200	45	2	RP ..1204	MS4009A	ETF15	MS3509A	MC35-143	ETF15
BRP12-252-S25-250			250								
BRP12-262-S25-150			150								
BRP12-262-S25-200			200								
BRP12-262-S25-250	26	25	250	35	2	RP ..1204	MS4009A	ETF15	MS3509A	MC35-143	ETF15
BRP12-322-S32-150			150								
BRP12-322-S32-200			200								
BRP12-322-S32-250	32	32	250	45	2	RP ..1204	MS4011A	ETF15	MS3509A	MC35-143	ETF15
BRP12-323-S32-150			150								
BRP12-323-S32-200	32	32	200	45	3	RP ..1204	MS4011A	ETF15	MS3509A	MC35-143	ETF15
BRP12-323-S32-250			250								
RP103-252-S25-150			150								
RP103-252-S25-200	200										
RP103-252-S25-200	25	25	150	40	2	RP..1003	MS4009A	ETF15	MS3509A	MC35-143	ETF15

\* MITSUBISHI inserts recommended.

### BRP



(Unit: mm)

Model No.	Dimensions				Teeth	Insert	Screw	Wrench	Screw	Clamp	Wrench
	D	d	L	M							
BRP12-252-MD23	25	12.5	35	M12	2	RP ..1204	MS4009A	ETF15	MS3509A	MC35-143	ETF15
BRP12-262-MD23	26						MS4011A				
BRP103-202-MD18	20	10.5	30	M10	2	RP ..1003	MS4009A	ETF15	-	-	-
BRP103-212-MD18	21										
BRP103-252-MD23	25	12.5	35	M12	2	RP ..1003	MS4009A	ETF15	MS3509A	MC35-143	ETF15
BRP103-262-MD23	26										
BRP103-303-MD23	30										
BRP103-353-MD29	35										
BRP103-353-MD29	35	17	43	M16	3						

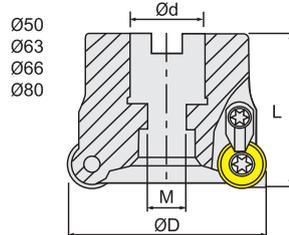
\* MITSUBISHI inserts recommended.

# CORNER ROUNDING END MILLS



## 圓刃銑刀

### RPM

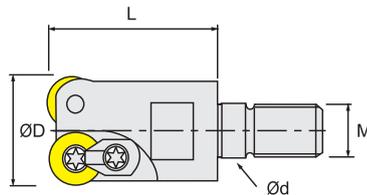


(Unit: mm)

Model No.	Dimensions				Teeth	Insert	Screw	Wrench	Screw	Clamp	Wrench
	D	d	L	M							
RPM-6R504-22.0	50	22.0	50	11	4	RP.1204	MS4011A	ETF15	MS3509A	MC35-143	ETF15
RPM-6R504-25.4	50	25.4	50	13							
RPM-6R635-25.4	63	25.4	50	13							
RPM-6R665-25.4	66	25.4	50	13							
RPM-6R806-25.4	80	25.4	55	13							

\* MITSUBISHI inserts recommended.

### HAR



(Unit: mm)

Model No.	Dimensions				Teeth	Insert	Screw	Wrench	Screw	Clamp	Wrench
	D	d	L	M							
HAR08-162-MD14	16	8.5	23	M8	2	RD..0802	MS3006B	ETF9	--	--	--
HAR08-172-MD14	17										
HAR08-202-MD18	20	10.5	30	M10			MS3008B	MS3509A	MC35-143	ETF15	
HAR08-212-MD18	21										
HAR10-252-MD23	25	12.5	35	M12			2	RD..10T3	MS4009B	ETF15	MS3509A
HAR10-253-MD23					3	--	--				--
HAR10-262-MD23	26	12.5	35	M12	2	RD..10T3	MS4009B	ETF15	MS3509A	MC35-143	ETF15
HAR10-263-MD23					3				--	--	--
HAR10-302-MD29	30	17	43	M16	2	RD..10T3	MS4009B	ETF15	MS3509A	MC35-143	ETF15
HAR10-323-MD29	32										
HAR10-353-MD29	35										

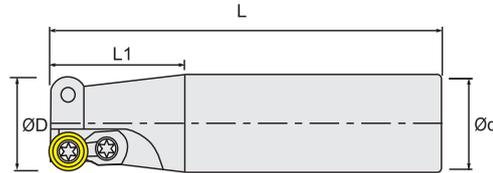
\* HITACHI inserts recommended.

# CORNER ROUNDING END MILLS



## 圓刃銑刀

### HAR



(Unit: mm)

Model No.	Dimensions				Teeth	Insert	Screw	Wrench	Screw	Clamp	Wrench
	D	d	L	L1							
C12-4R121-130	12	12	130	30	1	RD..0802	MS3006B	ETF9	MS3509A	MC35-143	ETF15
C16-4R161-150	16	16	150	35							
C16-4R161-200			200								
C16-4R172-150	17	16	150	25	2	RD..0802	MS3006B	ETF9	--	--	--
C20-4R202-150	20	20	150	40	2	RD..0802	MS3008B	ETF9	MS3509A	MC35-143	ETF15
C20-4R202-200			200								
C20-4R212-150	21	20	150	25	2	RD..0802	MS3008B	ETF9	MS3509A	MC35-143	ETF15
C20-4R212-200			200								
C25-5R252-150	25	25	150	45	2	RD..10T3	MS4009B	ETF15	MS3509A	MC35-143	ETF15
C25-5R252-200			200								
C25-5R252-250			250								
C25-5R262-150	26	25	150	30	2	RD..10T3	MS4009B	ETF15	MS3509A	MC35-143	ETF15
C25-5R262-200			200								
C25-5R262-250			250								
C25-5R302-150	30	25	150	30	2	RD..10T3	MS4009B	ETF15	MS3509A	MC35-143	ETF15
C25-5R302-200			200								
C25-5R302-250			250								
C25-5R303-150	30	25	150	30	3	RD..10T3	MS4009B	ETF15	MS3509A	MC35-143	ETF15
C25-5R303-200			200								
C25-5R303-250			250								
C32-5R323-150	32	32	150	45	3	RD..10T3	MS4009B	ETF15	MS3509A	MC35-143	ETF15
C32-5R323-200			200								
C32-5R323-250			250								
C32-5R323-300			300								
C32-5R353-150	35	32	150	35	3	RD..10T3	MS4009B	ETF15	MS3509A	MC35-143	ETF15
C32-5R353-200			200								
C32-5R353-250			250								
C32-5R353-300			300								
C32-5R403-150	40	32	150	35	3	RD..10T3	MS4009B	ETF15	MS3509A	MC35-143	ETF15
C32-5R403-200			200								
C32-5R403-250			250								
C32-5R403-300			300								

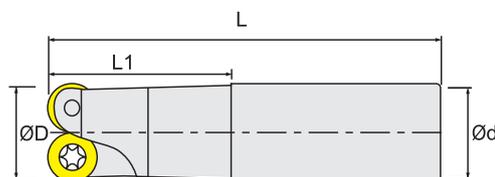
\* HITACHI inserts recommended.

# CORNER ROUNDING END MILLS



## 圓刃銑刀

### RD



(Unit: mm)

Model No.	Dimensions				Teeth	Insert	Screw	Wrench
	D	d	L	L1				
RD051-D092-S08-100	9	8	100	12	2	RD ..0501..	MS2004A	ETF6
RD051-D102-S10-100	10	10	100	18	2			
RD051-D112-S10-100	11	10	100	15	2			
RD051-D122-S12-100	12	12	100	22	2			
RD051-D123-S12-100				3				
RD051-D132-S12-100	13	12	100	18	2			
RD051-D133-S12-100				3				
RD051-D164-S16-150	16	16	150	30	4			
RD051-D164-S16-200			200					
RD051-D174-S16-150	17	16	150	20	4			
RD051-D174-S16-200			200					
RD07T-D122-S12-120	12	12	120	35	2	RD..07T1..	MS2206C	ETF7
RD07T-D122-S16-120		16	120	35	2			
RD072-D162-S16-150	16	16	150	25	2	RD..0702..	MS2506E	ETF8
RD072-D162-S16-200			200					
RD072-D172-S16-150	17	16	150	20	2			
RD072-D172-S16-200			200					
RD072-D203-S20-150	20	20	150	35	3			
RD072-D203-S20-200			200					
RD072-D213-S20-150	21	20	150	25	3			
RD072-D213-S20-200			200					
RD072-D254-S25-150	25	25	150	40	4			
RD072-D254-S25-200			200					
RD072-D254-S25-250			250					
RD072-D255-S25-150	25	25	150	40	5	RD..0702..	MS2505E	ETF8
RD072-D255-S25-200			200					
RD072-D255-S25-250			250					
RD072-D264-S25-150	26	25	150	25	4	RD..0702..	MS2506E	ETF8
RD072-D264-S25-200			200					
RD072-D264-S25-250			250					
RD072-D265-S25-150	26	25	150	25	5			
RD072-D265-S25-200			200					
RD072-D265-S25-250			250					
RD072-D355-S32-150	35	32	150	30	5			
RD072-D355-S32-200			200					
RD072-D355-S32-250			250					
RD072-D355-S32-300			300					
RD072-D356-S32-150	35	32	150	30	6			
RD072-D356-S32-200			200					
RD072-D356-S32-250			250					

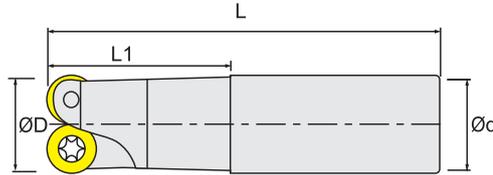
\* SAFETY inserts recommended.

# CORNER ROUNDING END MILLS



## 圓刃銑刀

### RD

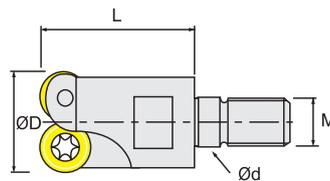


(Unit: mm)

Model No.	Dimensions				Teeth	Insert	Screw	Clamp	Screw	Wrench					
	D	d	L	L1											
RD103-D202-S20-150	20	20	150	40	2	RD..1003..	MS3507A	--	--	ETF15					
RD103-D202-S20-200			200												
RD103-D212-S20-150	21	20	150	25	2										
RD103-D212-S20-200			200												
RD103-D253-S25-150	25	25	150	40	3										
RD103-D253-S25-200			200												
RD103-D253-S25-250			250												
RD103-D263-S25-150	26	25	150	25	3										
RD103-D263-S25-200			200												
RD103-D263-S25-250			250												
RD103-D303-S25-150	30	25	150	25	3						RD..1003..	MS3509A	--	--	ETF15
RD103-D303-S25-200			200												
RD103-D303-S25-250			250												
RD103-D323-S32-150	32	32	150	40	3						RD..1003..	MS3509A	MC35-143	MS3509A	ETF15
RD103-D323-S32-200			200												
RD103-D323-S32-250			250												
RD103-D323-S32-300			300												
RD103-D353-S32-150	35	32	150	35	3	RD..1003..	MS3509A	MC35-143	MS3509A	ETF15					
RD103-D353-S32-200			200												
RD103-D353-S32-250			250												
RD103-D353-S32-300			300												
RD103-D354-S32-150	35	32	150	35	4	RD..1003..	MS3509A	MC35-143	MS3509A	ETF15					
RD103-D354-S32-200			200												
RD103-D354-S32-250			250												
RD103-D354-S32-300			300												

\* SAFETY inserts recommended.

### RD



(Unit: mm)

Model No.	Dimensions				Teeth	Insert	Screw	Clamp	Screw	Wrench
	D	d	L	L1						
RD051-D092-MD08	9	4.5	15	M4	2	RD..0501..	MS2003A	--	--	ETF6
RD051-D102-MD10	10	5.5	16	M5			MS2004A			
RD051-D112-MD10	11	5.5	18	M5						

\* SAFETY inserts recommended.

# CORNER ROUNDING END MILLS



## 圓刃銑刀

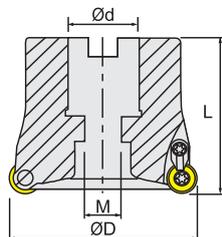
### RD

(Unit: mm)

Model No.	Dimensions				Teeth	Insert	Screw	Clamp	Screw	Wrench
	D	d	L	L1						
RD051-D122-MD11	12	6.5	18	M6	2	RD..0501..		--	--	ETF6
RD051-D123-MD11					3					
RD051-D132-MD11	13	6.5	18	M6	2					
RD051-D133-MD11					3					
RD051-D164-MD14	16	8.5	23	M8	4					
RD051-D174-MD14	17	8.5	23	M8	4					
RD07T-D122-MD14	12	8.5	23	M8	2	RD..07T1..		--	--	ETF7
RD072-D162-MD14	16	8.5	23	M8	2	RD..0702..	MS2506E	--	--	ETF8
RD072-D163-MD14					3					
RD072-D172-MD14	17	8.5	23	M8	2					
RD072-D173-MD14					3					
RD072-D203-MD18	20	10.5	30	M10	3					
RD072-D212-MD18	21	10.5	30	M10	2					
RD072-D213-MD18					3					
RD072-D254-MD23	25	12.5	35	M12	4					
RD072-D255-MD23					5					
RD072-D264-MD23	26	12.5	35	M12	4					
RD072-D265-MD23					5					
RD072-D355-MD29	35	17	43	M16	5					
RD072-D356-MD29					6					
RD103-D202-MD18	20	10.5	30	M10	2					
RD103-D212-MD18	21									
RD103-D253-MD23	25	12.5	35	M12	3					
RD103-D263-MD23	26									
RD103-D303-MD23	30	12.5	35	M12	3					
RD103-D323-MD29	32	17	43	M16	3					
RD103-D353-MD29	35	17	43	M16	3	RD..1003..	MS3509A	MC35-143	MS3509A	ETF15
RD103-D354-MD29					4					

\* SAFETY inserts recommended.

### RD



(Unit: mm)

Model No.	Dimensions				Teeth	Insert	Screw	Clamp	Screw	Wrench
	D	d	L	M						
RD103-D504-22.0	50	22.0	40	11	4	RD..1003..	MS3509A	MC35-143	MS3509A	ETF15
RD103-D505-22.0	50				5					
RD103-D504-25.4	50	25.4	50	13	4					
RD103-D505-25.4					5					
RD103-D635-25.4	63	25.4	50	13	5					
RD103-D636-25.4	63				6					

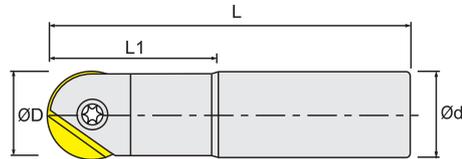
\* SAFETY inserts recommended.

# BALL PRECISION CUTTERS



## 球型精銑刀

### PPH

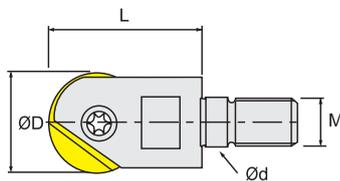


(Unit: mm)

Model No.	Dimensions				Teeth	Insert	Screw	Wrench
	D	d	L	L1				
PPH08-S08-100	8	8	100	20	1	PPH-0800-..	DVF6240	ETF7
PPH08-S10-100		10	100	35				
PPH10-S10-100	10	10	100	25	1	PPH-1000-..	DVF6241	ETF8
PPH10-S12-100		12	100	36				
PPH12-S12-150	12	12	150	32	1	PPH-1200-..	DVF6242	ETF10
PPH12-S16-200		16	200	58				
PPH16-S16-150	16	16	150	36	1	PPH-1600-..	DVF6244	ETL15
PPH16-S16-200			200					
PPH16-S20-200		20	200	65				
PPH20-S20-150	20	20	150	45	1	PPH-2000-..	DVF6246	ETL20
PPH20-S20-200			200					
PPH20-S25-200		25	200	76				
PPH20-S25-250			250					
PPH25-S25-200	25	25	200	45	1	PPH-2500-..	DVF6247	ETL30
PPH25-S25-250			250					
PPH25-S32-200		32	200	98				
PPH25-S32-250			250					

\* DIJET inserts recommended.

### PPH



(Unit: mm)

Model No.	Dimensions				Teeth	Insert	Screw	Wrench
	D	d	L	M				
PPH08-MD08	8	4.5	16	M4	1	PPH-0800-..	DVF6240	ETF7
PPH10-MD10	10	5.5	20	M5	1	PPH-1000-..	DVF6241	ETF8
PPH12-MD11	12	6.5	22	M6	1	PPH-1200-..	DVF6242	ETF10
PPH16-MD14	16	8.5	28	M8	1	PPH-1600-..	DVF6244	ETL15
PPH20-MD18	20	10.5	30	M10	1	PPH-2000-..	DVF6246	ETL20
PPH25-MD23	25	12.5	40	M12	1	PPH-2500-..	DVF6247	ETL30

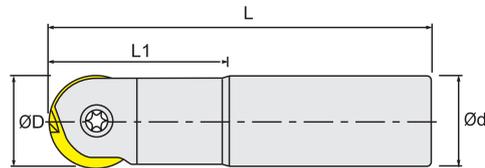
\* DIJET inserts recommended.

# BALL PRECISION CUTTERS



## 球型精銑刀

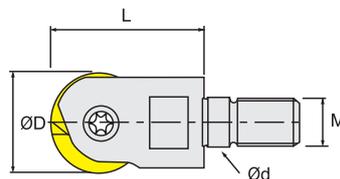
### WGR



(Unit: mm)

Model No.	Dimensions				Teeth	Insert	Screw	Wrench
	D	d	L	L1				
WGR08-S08-100	8	8	100	20	1	WGRMT-D08	MGR3008	ETF8
WGR08-S10-100		10	100	35				
WGR10-S10-100	10	10	100	25	1	WGRMT-D10	MGR4010	ETL15
WGR10-S12-150		12	150	36				
WGR12-S12-150	12	12	150	32	1	WGRMT-D12	MGR5012	ETL20
WGR12-S16-200		16	200	58				
WGR16-S16-150	16	16	150	36	1	WGRMT-D16	MGR5016	ETL20
WGR16-S16-200			200					
WGR16-S20-200		20	200	65				
WGR20-S20-150	20	20	150	45	1	WGRMT-D20	MGR5020	ETL20
WGR20-S20-200			200					
WGR20-S25-200		25	200	76				
WGR20-S25-250	25	25	250	45	1	WGRMT-D25	MGR6025	ETL30
WGR25-S25-200			200					
WGR25-S25-250		250						
WGR25-S32-200	25	32	200	98	1	WGRMT-D25	MGR6025	ETL30
WGR25-S32-250			250					
WGR25-S32-300		300						
WGR30-S32-200	30	32	200	50	1	WGRMT-D30	MGR8030	ETL30
WGR30-S32-250			250					
WGR30-S32-300		300						

### WGR



(Unit: mm)

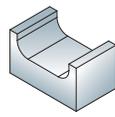
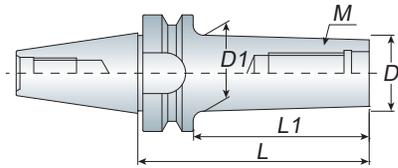
Model No.	Dimensions				Teeth	Insert	Screw	Wrench
	D	d	L	M				
WGR08-MD08	8	4.5	16	M4	1	WGRMT-D08	MGR3008	ETF8
WGR10-MD10	10	5.5	20	M5	1	WGRMT-D10	MGR4010	ETL15
WGR12-MD11	12	6.5	22	M6	1	WGRMT-D12	MGR5012	ETL20
WGR12-MD14		8.5	30	M8	1			
WGR16-MD14	16	8.5	28	M8	1	WGRMT-D16	MGR5016	ETL20
WGR20-MD18	20	10.5	30	M10	1	WGRMT-D20	MGR5020	ETL20
WGR25-MD23	25	12.5	40	M12	1	WGRMT-D25	MGR6025	ETL30
WGR30-MD29	30	17.0	43	M16	1	WGRMT-D30	MGR8030	ETL30

# Screw-in Endmill Holder

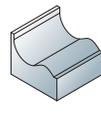
圓刀銑刀桿

# AMD

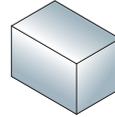
## BT / NT series



R角加工



曲面加工



平面加工



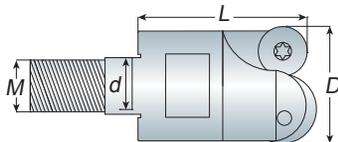
Model No.	M	D	D1	L1	L	Weight (kg)
BT40 AMD122-080	6	11	12	53	80	1.10
-100	6	11	12	73	100	1.20
AMD123-080	6	11	12	53	80	1.20
AMD162-080	8	13	16	53	80	1.20
-100	8	13	16	73	100	1.30
AMD202-080	10	18	20	53	80	1.20
-100	10	18	20	73	100	1.30
AMD253-080	12	21	25	53	80	1.30
-100	12	21	25	73	100	1.40
AMD354-080	16	29	35	53	80	1.40
-100	16	29	35	73	100	1.60
BT50 AMD122-100	6	11	12	62	100	4.00
-120	6	11	12	82	120	4.10
AMD162-100	8	13	16	62	100	4.00
-120	8	13	16	82	120	4.10
AMD202-100	10	18	20	62	100	4.10
-120	10	18	20	82	120	4.20
AMD253-100	12	21	25	62	100	4.10
-120	12	21	25	82	120	4.20
AMD354-100	16	29	35	62	100	4.20
-120	16	29	35	82	120	4.30

Unit: mm

# Corner Rounding End Mills

圓刀銑刀

# RD



P122- Inserts

Model No.	Dimension				Teeth	Insert	Screw	Clamp	Wrench
	d	D	M	L					
RD051-D123-MD11-18	6.5	12	6	18	3	RD..0501..	MS2004A	-	T6
RD072-D162-MD14-23	8.5	16	8	23	2				
RD072-D172-MD14-23	8.5	17	8	23	2				
RD072-D203-MD18-30	10.5	20	10	30	3				
RD072-D213-MD18-30	10.5	21	10	30	3	RD..0702..	MS2506E	-	T8
RD072-D254-MD23-35	12.5	25	12	35	4				
RD072-D264-MD23-35	12.5	26	12	35	4				
RD072-D356-MD29-43	17	35	16	43	6				
RD103-D202-MD18-30	10.5	20	10	30	2				
RD103-D212-MD18-30	10.5	21	10	30	2	RD..1003..	MS3507A	-	T15
RD103-D253-MD23-35	12.5	25	12	35	3				
RD103-D263-MD23-35	12.5	26	12	35	3				
RD103-D354-MD29-43	17	35	16	43	4	RD..1003..	MS3509A	MC35-3V	T15

Unit: mm