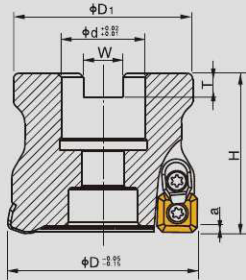


## ASR/ASF

### ASR/ASF High feedrate face mill



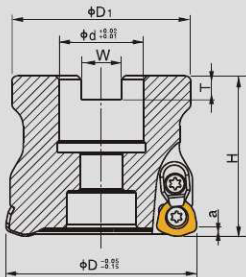
- ★ Double clamping body rigidity
- ★ The most suitable for large-feed cutting
- ★ With standard cooling holes
- ★ 4 for special shaped blade edge angle

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Cat. No	Size						Insert	Clamp piece	Clamp screw	wrench
	D	D <sub>1</sub>	d	H	W	T				
ASRT2050-22-6T	50	47	22	50	10.4	6.3	EPNW0603TN-8	--	M2.5X6	T8
ASRT5063-22-3T	63	60	22	50	10.4	6.3	SDNW1505ZDTN-15	ASF-5	M5X12	T20
ASRT5080-27-5T	80	70	27	50	12.4	7				
ASRT5100-32-5T	100	90	32	50	14.4	8				
ASRT5125-40-6T	125	90	40	50	16.4	9				
ASRT5160-40-8T	160	120	40	50	16.4	9				
ASRT5200-60-8T	200	120	60	50	25.7	14				
ASRT5200-60-10T	200	120	60	50	25.7	14				

## AJX

### AJX High feedrate face mill

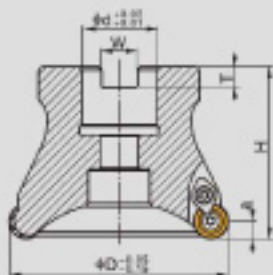


- ★ The use of 15° positive angle blade
- ★ Double clamping body rigidity
- ★ The most suitable for large-feed cutting
- ★ With standard cooling holes
- ★ 4 for special shaped blade edge angle

Cat. No	Size								Insert	Clamp piece	Clamp screw	wrench
	D	D <sub>1</sub>	D <sub>2</sub>	d	H	W	T	a				
AJX12-50-22-3T	50	47	38.3	22	50	10.4	6.3	1.5	JDMW1204 20ZDSR-FT	AJX-12	M4X10	T15
AJX12-50-22-4T	50	47	38.3	22	50	10.4	6.3	1.5				
AJX12-63-22-4T	63	60	51.3	22	50	10.4	6.3	1.5				
AJX14-63-22-3T	63	60	51.1	22	50	10.4	6.3	2	JDMW1405 20ZDSR-FT	AJX-14	M5X12	T20
AJX14-63-22-4T	63	60	51.1	22	50	10.4	6.3	2				
AJX14-80-27-4T	80	76	68.1	27	50	12.4	7	2				
AJX14-100-32-5T	100	96	88.1	32	50	14.4	8	2				

## EMR

### EMR Round dowel face mill



- ★ Using the 11° positive angle blade
- ★ Blade economy, the applicability of high
- ★ Capacity chip a large space, good chip disposal
- ★ Cone design, steel high

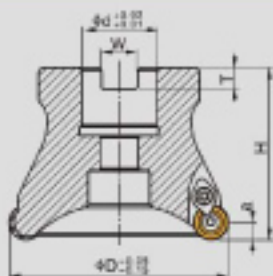


Cat. No	Size						Insert	Clamp piece	Clamp screw	wrench
	D	d	H	W	T	a				
EMR-5R-50-22-4T	50	22	50	10.4	6.3	5	RPMW/T1003 MO	Y-5R	M4 x 10 / M3.5 x 10	T15
EMR-5R-63-22-4T	63	22	50	10.4	6.3	5				
EMR-5R-80-27-6T	80	27	50	12.4	7	5				
EMR-5R-100-32-6T	100	32	50	14.4	7	5				
EMR-5R-125-40-7T	125	40	63	16.4	9	5				
EMR-6R-50-22-4T	50	22	50	10.4	6.3	6	RPMW \ T 1204 MO	Y-6R	M4 x 10	T15
EMR-6R-63-22-4T	63	22	50	10.4	6.3	6				
EMR-6R-80-27-6T	80	27	50	12.4	7	6				
EMR-6R-100-32-6T	100	32	50	14.4	8	6				
EMR-6R-125-40-7T	125	40	63	16.4	9	6				
EMR-6R-160-40-6T	160	40	63	16.4	9	6				
EMR-6R-200-60-9T	200	60	63	25.7	14	6				

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## TRP

### TRP Round dowel face mill



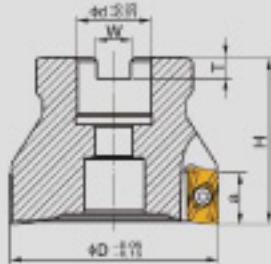
- ★ Using the 11° positive angle blade
- ★ Blade economy, the applicability of high
- ★ Capacity chip a large space, good chip disposal
- ★ Cone design, steel high



Cat. No	Size						Insert	Clamp piece	Clamp screw	wrench
	D	d	H	W	T	a				
TRP-5R-50-22-4T	50	22	50	10.4	6.3	5	RPMW/T10T3 MOE	Y-5R	M3.5 x 10	T15
TRP-5R-63-22-4T	63	22	50	10.4	6.3	5				
TRP-5R-80-27-6T	80	27	50	12.4	7	5				
TRP-5R-100-32-6T	100	32	50	14.4	7	5				
TRP-5R-125-40-7T	125	40	63	16.4	9	5				

## TAP

### TAP Right angle shoulder face mill



- ★ 11° positive angle blade
- ★ Adaptive multi-material blade, applicable to aluminum steel milling
- ★ Screw locking, allow a large space debris, a good chip disposal
- ★ Cutting light, the resistance of small

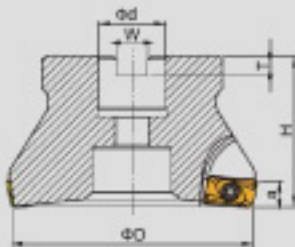


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Cat. No	Size						Insert	Clamp screw	wrench
	D	d	H	W	T	a			
TAP300R-40-16-5T	40	16	40	8.4	6.3	9	APMT 1135 PDER	M2.5X6.5	T8
TAP300R-50-22-6T	50	22	50	10.4	6.3	9			
TAP400R-50-22-4T	50	22	50	10.4	6.3	14	APMT 1604 PDER	M4X10	T15
TAP400R-63-22-4T	63	22	50	10.4	6.3	14			
TAP400R-80-27-6T	80	27	50	12.4	7	14			
TAP400R-100-32-6T	100	32	50	14.4	8	14			
TAP400R-125-40-7T/8T	125	40	63	16.4	9	14			
TAP400R-160-40-8T	160	40	63	16.4	9	14			
TAP400R-200-60-9T	200	60	63	25.7	14	14			
TAP400R-63-25.4-4T	63	25.4	50	10	6	14			
TAP400R-80-25.4-6T	80	25.4	50	10	6	14			
TAP400R-100-31.75-6T	100	31.75	50	13	8	14			
TAP400R-125-38.1-8T	125	38.1	63	16.4	10	14			

## RAP - 75°

### RAP - 75° Face mill



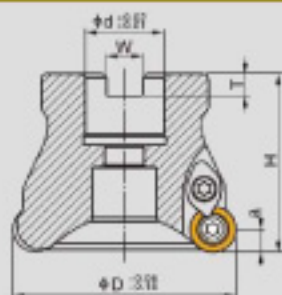
- 使用APMT1604/APMT1135廢棄刀片，
- ★ Abandoned the use of APMT1604/APMT1135 blade, cost savings



Cat. No	Size						Insert	Clamp screw	wrench
	D	d	H	W	T	a			
RAP300R-50-22-4T	50	22	50	10.4	6.3	6	APMT 1135 PDER	M2.5 x 6.5	T8
RAP400R-63-22-4T	63	22	50	10.4	6.3	8	APMT 1604 PDER	M4X10	T15
RAP400R-80-27-5T	80	27	50	12.4	7	8			
RAP400R-100-32-6T	100	32	50	14.4	8	8			

## R200

### R200 Round dowel face mill



- ★ Adapter grinding blade Sandvik
- ★ High precision, suitable for finishing
- ★ Cone design, steel high

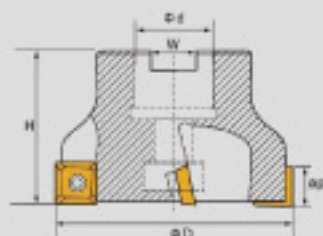


Cat. No	Size						Insert	Clamp piece	Clamp screw	wrench
	D	d	H	W	T	a				
R200-5R-50-22-4T	50	22	50	10.4	6.3	5	RC□T 10T3 MO	Y-6R	M4 x 10 M3.5 x 10	T15
R200-5R-63-22-4T	63	22	50	10.4	6.3	5				
R200-5R-80-27-6T	80	27	50	12.4	7	5				
R200-5R-100-32-6T	100	32	50	14.4	8	5				
R200-6R-50-22-4T	50	22	50	10.4	6.3	6	RC□T 1204 MO	Y-6R	M4 x 10 M3.5 x 10	T15
R200-6R-63-22-4T	63	22	50	10.4	6.3	6				
R200-6R-80-27-6T	80	27	50	12.4	7	6				
R200-6R-100-32-6T	100	32	50	14.4	8	6				
R200-8R-63-22-4T	63	22	50	10.4	6.3	8	RC□T 1606 MO	Y-8R	M5 x 12	T20
R200-8R-80-27-6T	80	27	50	12.4	7	8				
R200-8R-100-32-6T	100	32	50	14.4	8	8				
R200-8R-125-40-6T	125	40	63	16.4	9	8				
R200-8R-160-40-8T	160	40	63	16.4	9	8				
R200-8R-200-60-9T	200	60	63	25.7	14	8				
R200-10R-100-32-6T	100	32	63	14.4	8	10				
R200-10R-125-40-6T	125	40	63	16.4	9	10				

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## SE90°

### SE90° Face mill



- ★ Using the 20° positive angle blade
- ★ Low cutting force, large rake angle, cutting light
- ★ High productivity, high-precision

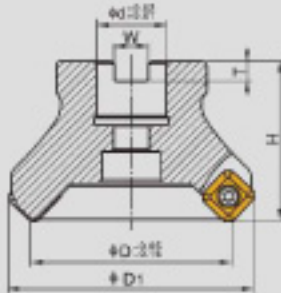


Cat. No	Size				Insert	Clamp piece	Clamp screw	wrench
	D	d	H	W				
SE-50-22-4T	50	22	50	10.4	SE□T09T308	---	M3 x 8	T8
SE-63-22-5T	63	22	50	10.4				
SE-80-27-6T	80	27	50	12.4				
SE-100-32-8T	100	32	50	14.4				



## TSE - 45°

### TSE - 45° Face mill



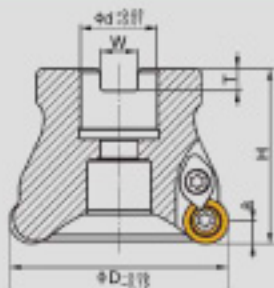
- ★ Fit steel, castings, aluminum pieces of various materials blade, the relevance of a wide range of
- ★ Capacity chip a large space, good chip disposal
- ★ Planar milling finishing applicable
- ★ Large rake angle, cutting a small load

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Cat. No	Size						Insert	Clamp screw	wrench
	D	D1	d	H	W	T			
TSE12-50-22-4T	50	64	22	50	10.4	6.3	SE□T 1204	M5 x 12	T20
TSE12-63-22-4T	63	77	22	50	10.4	6.3			
TSE12-80-27-5T	80	94	27	50	12.4	7			
TSE12-100-32-5T	100	114	32	50	14.4	8			
TSE12-125-40-6T	125	139	40	63	16.4	9			
TSE12-160-40-6T	160	174	40	63	16.4	9			
TSE12-200-60-8T	200	210	60	63	25.7	14			
TSE12-250-60-10T	250	260	60	63	25.7	14			
TSE12-63-25.4-4T	63	77	25.4	50	10	6			
TSE12-80-25.4-5T	80	94	25.4	50	10	6			
TSE12-100-31.75-5T	100	114	31.75	50	13	8			

## TRS

### TRS Round dowel face mill

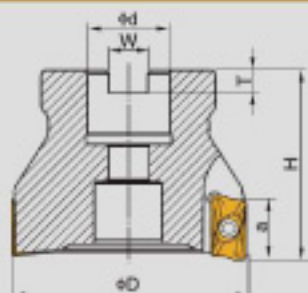


- ★ Using the 15° positive angle blade
- ★ Blade economy, the applicability of high
- ★ Capacity chip a large space, good chip disposal
- ★ Cone design, steel high

Cat. No	Size							Insert	Clamp piece	Clamp screw	wrench
	D	d	H	W	T	a					
TRS-5R-50-22-4T	50	22	50	10.4	6.3	5	RD□□ 10T3 MO	Y-5R	M4 x 10 / M3.5 x 10	T15	
TRS-5R-63-22-4T	63	22	50	10.4	6.3	5					
TRS-5R-80-27-6T	80	27	50	12.4	7	5					
TRS-5R-100-32-6T	100	32	50	14.4	8	5					
TRS-6R-50-22-4T	50	22	50	10.4	6.3	6	RD□□ 1204 MO	Y-6R	M4 x 10	T15	
TRS-6R-63-22-4T	63	22	50	10.4	6.3	6					
TRS-6R-80-27-6T	80	27	50	12.4	7	6					
TRS-6R-100-32-6T	100	32	50	14.4	8	6					
TRS-8R-63-22-4T	63	22	50	10.4	6.3	8	RD□□ 1604 MO	Y-8R	M5 x 12	T20	
TRS-8R-80-27-5T	80	27	50	12.4	7	8					
TRS-8R-100-32-6T	100	32	50	14.4	8	8					

## R390

### R390 Right angle shoulder face mill



- ★ Adapter grinding blade Sandvik
- ★ High precision, suitable for finishing
- ★ Cone design, steel high

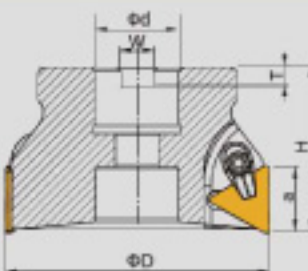


Cat. No	Size					Insert	Clamp screw	wrench
	D	d	H	W	T			
R390-11-50-22-4T	50	22	50	10.4	6.3	R390-11T308	M2.5X8	T8
R390-11-63-22-4T	63	22	50	10.4	6.3			
R390-17-63-22-4T	63	22	50	10.4	6.3			
R390-17-80-27-6T	80	27	50	12.4	7	R390-170408	M3.5X10	T15
R390-17-100-32-6T	100	32	50	14.4	8			
R390-17-125-40-6T	125	40	63	16.4	9			
R390-17-160-40-8T	160	40	63	16.4	9			

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## TP

### TP Right angle shoulder face mill



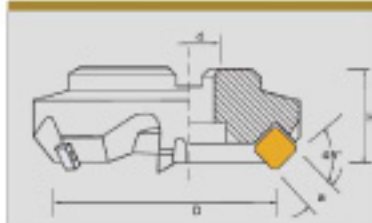
- ★ Equipped with a traditional blade, cutting low-cost



Cat. No	Size							Insert	Clamp piece	Clamp screw	wrench
	D	d	H	W	T	a					
TP11-40-16-4T	40	16	45	10	6	9	TPUN110308	TP-11	TP-11	L3	
TP11-50-22-4T	50	22	50	10.4	6	9					
TP16-50-22-4T	50	22	50	10.4	6.3	14	TPMN160308	TP-16	TP-16	L4	
TP22-63-22-3T	63	22	50	10.4	6.3	18					
TP22-80-27-4T	80	27	50	12.4	7	18	TPMN220408	TP-22	TP-22	L5	
TP22-100-32-5T	100	32	50	14.4	8	18					
TP22-125-40-6T	125	40	60	16.4	9	18					
TP22-160-40-7T	160	40	63	16.4	9	18					
TP22-200-60-8T	200	60	63	25.7	14	18					
TP22-63-25.4-3T	63	25.4	50	10	6	18					

## SD45°

### SD45° Face mill cutter



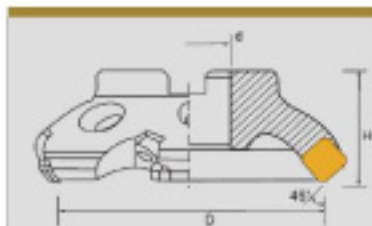
- ★ Using the blade angle is 15°
- ★ High-rigidity alloy knife pad.



Cat. No.	D	d	H	T	Insert	
SD-445-03-25.4	80	25.4	55	5		SDKN1203
SD-445-04-31.75	100	31.75	55	5		
SD-445-05-38.1	125	38.1	60	6		
SD-445-06-50.8	160	50.8	60	8		
SD-445-08-47.625	200	47.625	65	10		
SD-445-10-47.625	250	47.625	65	12		
SD-445-12-47.625	300	47.625	65	14		SDKN1504
SD-545-03-25.4	80	25.4	55	5		
SD-545-04-31.75	100	31.75	55	5		
SD-545-05-38.1	125	38.1	60	6		
SD-545-06-50.8	160	50.8	60	8		
SD-545-08-47.625	200	47.625	65	10		
SD-545-10-47.625	250	47.625	65	12		
SD-545-12-47.625	300	47.625	65	14		

## SE45°

### SE45° Face mill cutter



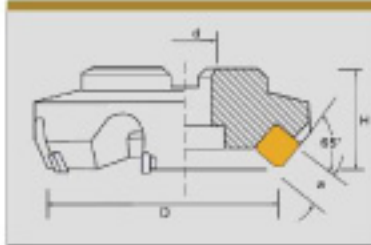
- ★ Using the blade angle is 20°
- ★ Large front-edge-shaped
- ★ High-rigidity alloy knife pad.



Cat. No.	D	d	H	T	Insert	
SE-545-03-25.4	80	25.4	50	5		SEKN1504
SE-545-04-31.75	100	31.75	50	6		
SE-545-05-38.1	125	38.1	50	7		
SE-545-06-50.8	160	50.8	55	8		
SE-545-08-47.625	200	47.625	55	10		
SE-545-10-47.625	250	47.625	55	12		
SE-545-12-47.625	300	47.625	55	14		SEKN1203
SE-445-63-22	63	22	50	4		
SE-445-63-25.4	63	25.4	50	4		
SE-445-03-25.4	80	25.4	50	5		
SE-445-04-31.75	100	31.75	50	6		
SE-445-05-38.1	125	38.1	50	7		
SE-445-06-50.8	160	50.8	55	8		
SE-445-08-47.625	200	47.625	55	10		
SE-445-10-47.625	250	47.625	55	12		
SE-445-12-47.625	300	47.625	55	14		

## SP 65°

### SP65° Face mill cutter



- ★ Using the blade angle is 11°
- ★ High-rigidity alloy knife pad.

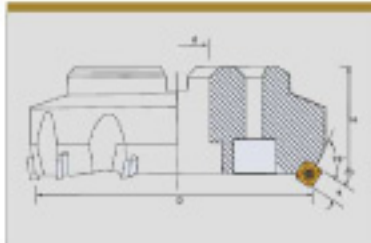


Cat. No	D	d	H	T	Insert	
SP-435-03-25.4	80	25.4	55	5		SPKN1204
SP-435-04-31.75	100	31.75	55	5		
SP-435-05-38.1	125	38.1	60	6		
SP-435-06-50.8	160	50.8	60	8		
SP-435-08-47.625	200	47.625	65	10		
SP-435-10-47.625	250	47.625	65	12		
SP-435-12-47.625	300	47.625	65	14		SPKN1504
SP-535-03-25.4	80	25.4	55	5		
SP-535-04-31.75	100	31.75	55	5		
SP-535-05-38.1	125	38.1	60	6		
SP-535-06-50.8	160	50.8	60	8		
SP-535-08-47.625	200	47.625	65	10		
SP-535-10-47.625	250	47.625	65	12		
SP-535-12-47.625	300	47.625	65	14		

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## FP 75°

### FP75° face mill cutter



- ★ Using the blade angle is 11°
- ★ High-rigidity alloy knife pad.

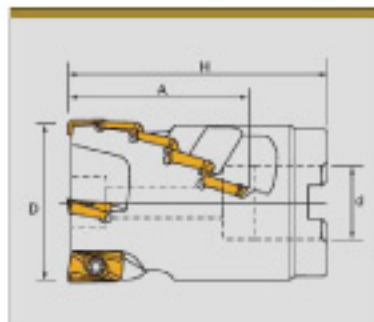


Cat. No	D	d	H	T	Insert	
FP-03-25.4	80	25.4	55	5		SPKN1203
FP-04-31.75	100	31.75	55	6		
FP-05-38.1	125	38.1	60	8		
FP-06-50.8	160	50.8	60	10		
FP-08-47.625	200	47.625	65	12		
FP-10-47.625	250	47.625	65	16		
FP-12-47.625	300	47.625	65	20		



## BAP


### BAP Shell type tough cutting end mills



- ★ High-performance-based rough milling, deep hole can be processed.
- ★ Arbor size can be arbitrarily change the depth of maximum efficiency.

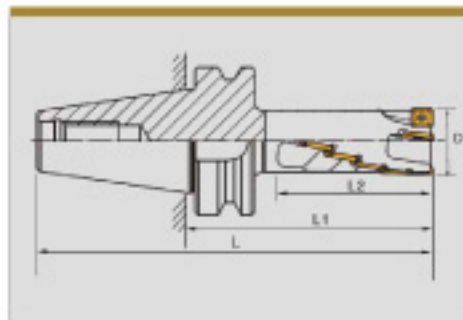


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Cat. No	No. of flutes	Size				Insert	Clamp screw	wrench
		D	d	A	H			
BAP-50-22-45L	3	50	22	45	64	 APKT1604	M4	T15
BAP-63-22-45L	4	63	22	45	64			
BAP-80-27-68L	4	80	27	68	90			
BAP-100-32-68L	4	100	32	68	90			

## BMC

### BMC shell type tough cutting end mills



Cat. No	No. of flutes	Size				Insert	Clamp screw	wrench
		D	L1	L2	L			
BT40-BMC-50-77M	4	50	77	146	248	LPMT1604 SPMT1204	M5-11-6.4-43	T20
BT50-BMC-50-97M	4	50	97	166	268			
BT40-BMC-63-87M	4	63	87	156	258			
BT50-BMC-63-107M	4	63	107	176	278			