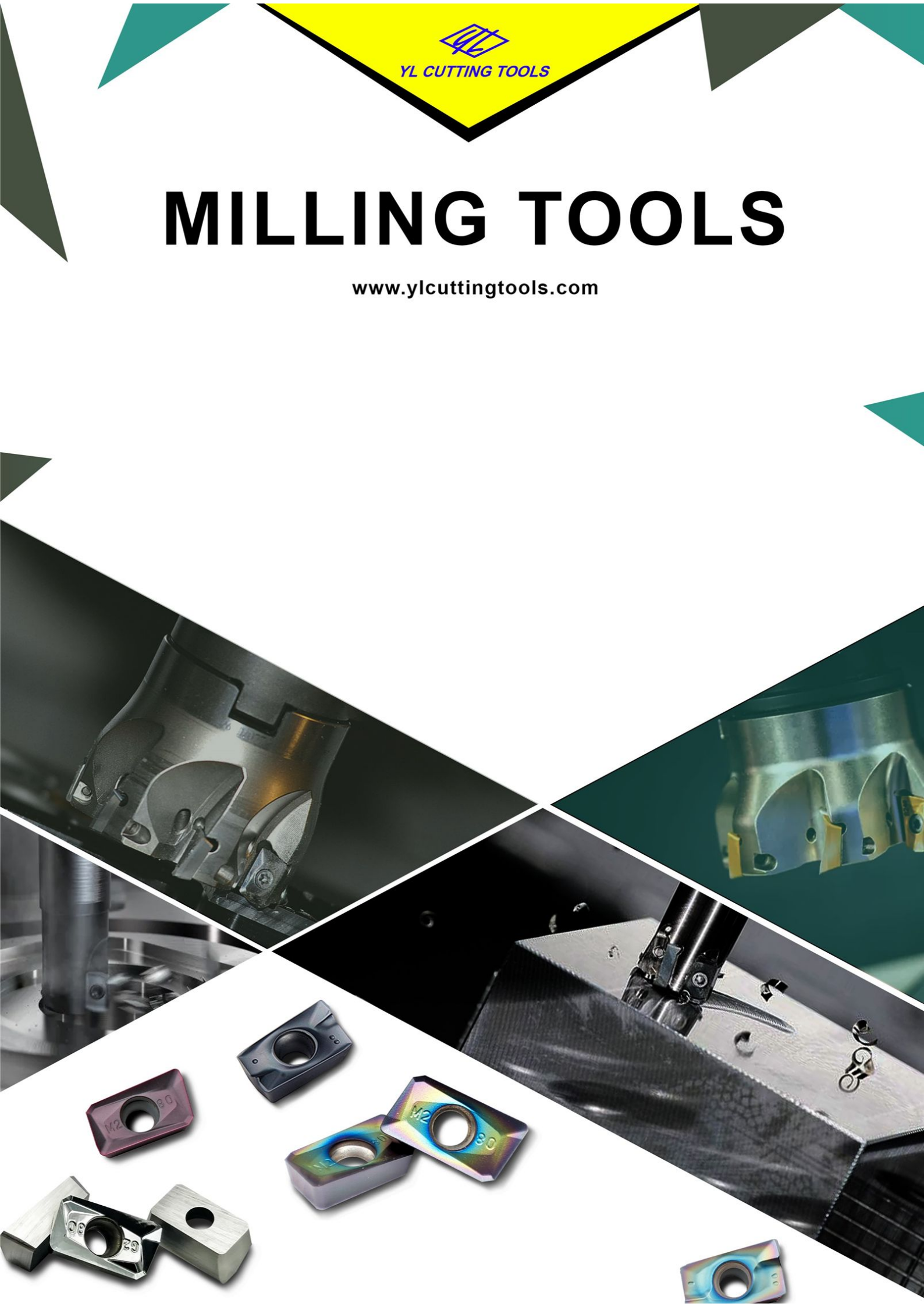


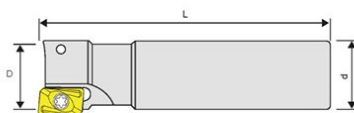
MILLING TOOLS

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PRODUCT CODE : BAP300R



Operation 加工形態		
Groove Milling	Shoulder Milling	Face Milling

Product Specification

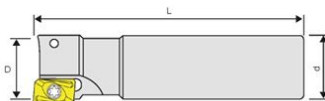
Item code 無水孔 Non-coolant	Dimensions,mm			Teeth	Insert	Screw	Wrench
	D	d	L				
BAP300R-10-100-C10-1T	10	10	100	1	APMT1135..	MS2506E	ETF08
BAP300R-10-130-C10-1T	10	10	130	1			
BAP300R-10-150-C10-1T	10	10	150	1			
BAP300R-12-130-C12-1T	12	12	130	1			
BAP300R-12-150-C12-1T	12	12	150	1			
BAP300R-16-150-C16-2T	16	16	150	2			
BAP300R-16-200-C16-2T	16	16	200	2			
BAP300R-16-250-C16-2T	16	16	250	2			
BAP300R-17-150-C16-2T	17	16	150	2			
BAP300R-17-200-C16-2T	17	16	200	2			
BAP300R-17-250-C16-2T	17	6	250	2			
BAP300R-20-150-C20-2T	20	20	150	2			
BAP300R-20-200-C20-2T	20	20	200	2			
BAP300R-20-250-C20-2T	20	20	250	2			
BAP300R-20-150-C20-3T	20	20	150	3			
BAP300R-20-200-C20-3T	20	20	200	3			
BAP300R-21-150-C20-2T	21	20	150	2			
BAP300R-21-200-C20-2T	21	20	200	2			
BAP300R-21-250-C20-2T	21	20	250	2			
BAP300R-25-150-C20-3T	25	20	150	3			
BAP300R-25-200-C20-3T	25	20	200	3			
BAP300R-25-250-C20-3T	25	20	250	3			
BAP300R-25-150-C25-3T	25	25	150	3			
BAP300R-25-200-C25-3T	25	25	200	3			
BAP300R-25-250-C25-3T	25	25	250	3			
BAP300R-25-300-C25-3T	25	25	300	3			
BAP300R-26-150-C25-3T	26	25	150	3			
BAP300R-26-200-C25-3T	26	25	200	3			
BAP300R-26-250-C25-3T	26	25	250	3			
BAP300R-26-300-C25-3T	26	25	300	3			
BAP300R-26-150-C25-4T	26	25	150	4			
BAP300R-26-200-C25-4T	26	25	200	4			
BAP300R-26-250-C25-4T	26	25	250	4			
BAP300R-30-150-C25-3T	30	25	150	3			
BAP300R-30-200-C25-3T	30	25	200	3			
BAP300R-30-150-C25-4T	30	25	150	4			
BAP300R-30-200-C25-4T	30	25	200	4			
BAP300R-32-150-C32-4T	32	32	150	4			
BAP300R-32-200-C32-4T	32	32	200	4			
BAP300R-32-250-C32-4T	32	32	250	4			
BAP300R-35-150-C32-4T	35	32	150	4			
BAP300R-35-200-C32-4T	35	32	200	4			
BAP300R-35-250-C32-4T	35	32	250	4			
BAP300R-35-300-C32-4T	35	32	300	4			

Enforced blade

APMT1135PDER-M2 DT9030	APGT1135PDER-G2 DA01	APMT1135PDER-M2 DT8090		



PRODUCT CODE : BAP400R



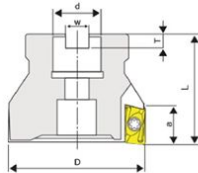
Product Specification

Item code	Dimensions,mm			Teeth	Insert	Screw 	Wrench 
無水孔 Non-coolant	D	d	L				
BAP400R-20-150-C20-2T	20	20	150	2	APMT1604..	MS4009E-MS4011A	ETF15
BAP400R-20-200-C20-2T	20	20	200	2			
BAP400R-20-250-C20-2T	20	20	250	2			
BAP400R-21-150-C20-2T	21	20	150	2			
BAP400R-21-200-C20-2T	21	20	200	2			
BAP400R-21-250-C20-2T	21	20	250	2			
BAP400R-25-150-C20-2T	25	20	150	2			
BAP400R-25-200-C20-2T	25	20	200	2			
BAP400R-25-250-C20-2T	25	20	250	2			
BAP400R-25-300-C20-2T	25	20	300	2			
BAP400R-25-150-C25-2T	25	25	150	2			
BAP400R-25-200-C25-2T	25	25	200	2			
BAP400R-25-250-C25-2T	25	25	250	2			
BAP400R-25-300-C25-2T	25	25	300	2			
BAP400R-25-350-C25-2T	25	25	350	2			
BAP400R-26-150-C25-2T	26	25	150	2			
BAP400R-26-200-C25-2T	26	25	200	2			
BAP400R-26-250-C25-2T	26	25	250	2			
BAP400R-26-300-C25-2T	26	25	300	2			
BAP400R-26-350-C25-2T	26	25	350	2			
BAP400R-30-150-C25-2T	30	25	150	2			
BAP400R-30-200-C25-2T	30	25	200	2			
BAP400R-30-250-C25-2T	30	25	250	2			
BAP400R-30-300-C25-2T	30	25	300	2			
BAP400R-30-350-C25-2T	30	25	350	2			
BAP400R-32-150-C25-2T	32	25	150	2			
BAP400R-32-200-C25-2T	32	25	200	2			
BAP400R-32-250-C25-2T	32	25	250	2			
BAP400R-32-150-C32-2T	32	32	150	2			
BAP400R-32-200-C32-2T	32	32	200	2			
BAP400R-32-250-C32-2T	32	32	250	2			
BAP400R-32-300-C32-2T	32	32	300	2			
BAP400R-32-350-C32-2T	32	32	350	2			
BAP400R-32-400-C32-2T	32	32	400	2			
BAP400R-32-150-C32-3T	32	32	150	3			
BAP400R-32-200-C32-3T	32	32	200	3			
BAP400R-32-250-C32-3T	32	32	250	3			
BAP400R-32-300-C32-3T	32	32	300	3			
BAP400R-32-350-C32-3T	32	32	350	3			
BAP400R-32-400-C32-3T	32	32	400	3			
BAP400R-33-150-C32-3T	33	32	150	3			
BAP400R-33-200-C32-3T	33	32	200	3			
BAP400R-33-250-C32-3T	33	32	250	3			
BAP400R-33-300-C32-3T	33	32	300	3			
BAP400R-33-350-C32-3T	33	32	350	3			
BAP400R-33-400-C32-3T	33	32	400	3			
BAP400R-35-150-C32-3T	35	32	150	3			
BAP400R-35-200-C32-3T	35	32	200	3			
BAP400R-35-250-C32-3T	35	32	250	3			
BAP400R-35-300-C32-3T	35	32	300	3			
BAP400R-35-350-C32-3T	35	32	350	3			
BAP400R-35-400-C32-3T	35	32	400	3			
BAP400R-40-150-C32-3T	40	32	150	3			
BAP400R-40-200-C32-3T	40	32	200	3			
BAP400R-40-250-C32-3T	40	32	250	3			
BAP400R-40-300-C32-3T	40	32	300	3			
BAP400R-40-350-C32-3T	40	32	350	3			
BAP400R-40-400-C32-3T	40	32	400	3			

Enforced blade

				
APMT1604PDER-M2 DT9030	APGT1604PDFR-G2 DA01	APMT1604PDER-DL DT9030	APMT1604PDER-DL DT8090	APMT1604PDER-M2 DT8090

Product Code Face Mill Cutter : BAR300R

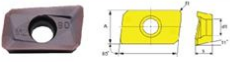
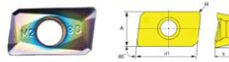


Operation 加工形態		
		
Groove Milling	Shoulder Milling	Face Milling

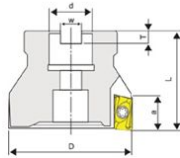
Product Specification

Item code 無水孔 Non-coolant	Dimensions,mm			Teeth	Insert	Screw 	Wrench 
	D	d	L				
BAP400R-40-16-4T	40	16	40	4	APMT1135..	MS2506E	ETF08
BAP400R-40-22-4T	40	22	40	4			
BAP400R-50-22-4T	50	22	50	4			
BAP400R-50-25.4-4T	50	25.4	50	4			
BAP400R-63-22-4T	63	22	63	4			
BAP400R-63-25.4-4T	63	25.4	63	4			
BAP400R-63-22-5T	63	22	63	5			

Enforced blade

				
APMT1135PDER-M2 DT9030	APGT1135PDRF-G2 DA01	APMT1135PDER-M2 DT8090		

Product Code Face Mill Cutter : BAR300R

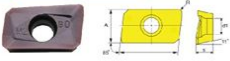
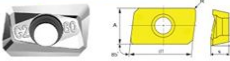
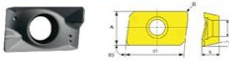
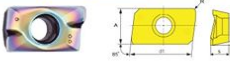
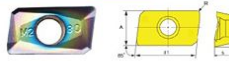


Operation 加工形態		
		
Groove Milling	Shoulder Milling	Face Milling

Product Specification

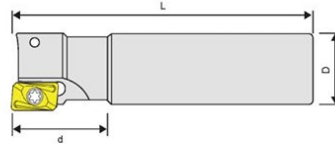
Item code 無水孔 Non-coolant	Dimensions,mm			Teeth	Insert	Screw 	Wrench 
	D	d	L				
BAP400R-40-16-4T	40	16	40	4	APMT1604..	MS4009E-MS4011A	ETF15
BAP400R-40-22-4T	40	22	40	4			
BAP400R-50-22-4T	50	22	50	4			
BAP400R-50-25.4-4T	50	25.4	50	4			
BAP400R-63-22-4T	63	22	63	4			
BAP400R-63-25.4-4T	63	25.4	63	4			
BAP400R-63-22-5T	63	22	63	5			
BAP400R-80-25.4-6T	80	25.4	80	6			
BAP400R-80-27-6T	80	27	80	6			
BAP400R-100-31.75-6T	100	31.75	100	6			
BAP400R-100-32-6T	100	32	100	6			
BAP400R-125-40-7T	125	40	125	7			
BAP400R-160-40-8T	160	40	160	8			
BAP400R-200-60-10T	200	60	200	10			

Enforced blade

				
APMT1604PDER-M2 DT9030	APGT1604PDRF-G2 DA01	APMT1604PDER-DL DT9030	APMT1604PDER-DL DT8090	APMT1604PDER-M2 DT8090



PRODUCT CODE : ASM07



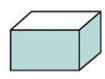
Operation 加工形態



Groove Milling

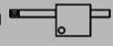


Shoulder Milling



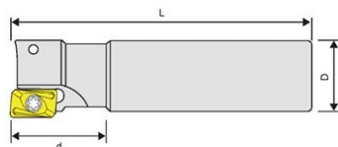
Face Milling

Product Specification

Item code	Dimensions,mm			Teeth		Screw 	Wrench 
	D	d	L				
無水孔 Non-coolant							
ASM0708 S10R-1-80	10	17	80	1	JDMT0702	LD27261840T6-20	T-16
ASM0708 S10R-1-100	10	17	100	1			
ASM0709 S10R-1-100	10	19	100	1			
ASM0710 S10R-2-80	10	22	80	2			
ASM0710 S10R-2-100	10	22	100	2			
ASM0710 S10R-2-120	10	22	120	2			
ASM0711 S10R-2-80	10	11	80	2			
ASM0711 S10R-2-100	10	11	100	2			
ASM0711 S10R-2-120	10	11	120	2			
ASM0712 S12R-3-80	12	26	80	3			
ASM0712 S12R-3-100	12	26	100	3			
ASM0712 S12R-3-120	12	26	120	3			
ASM0713 S12R-3-80	12	13	80	3			
ASM0713 S12R-3-120	12	13	120	3			
ASM0714 S14R-3-80	14	30	80	3			
ASM0714 S14R-3-120	14	30	120	3			
ASM0714 S14R-3-160	14	30	160	3			
ASM0715 S14R-4-120	14	15	120	4			
ASM0715 S14R-4-160	14	15	160	4			
ASM0716 S16R-4-100	16	35	100	4			
ASM0716 S16R-4-120	16	35	120	4			
ASM0716 S16R-4-160	16	35	160	4			
ASM0717 S16R-4-120	16	17	120	4			
ASM0717 S16R-4-160	16	17	160	4			



PRODUCT CODE : 4N TE90



Operation 加工形態



Groove Milling



Shoulder Milling



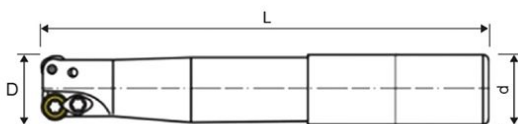
Face Milling

Product Specification

Item code	Dimensions,mm			Teeth		Screw 	Wrench 
無水孔 Non-coolant	D	d	L				
4N TE90-110-10-06-L80	10	17	80	1	4NKT0603	LD40303064T8-40	T-8
4N TE90-111-10-06-L80	10	17	100	1			
4N TE90-112-12-06-L100	10	19	100	1			
4N TE90-113-12-06-L100	10	22	80	2			
4N TE90-114-14-06-L120	10	22	100	2			
4N TE90-215-14-06-L120	10	22	120	2			
4N TE90-215.6-16-06-L150	10	11	80	2			
4N TE90-216-16-06-L120	10	11	100	2			
4N TE90-216-16-06-L160	10	11	120	2			
4N TE90-217-16-06-L160	12	26	80	3			
4N TE90-217-16-06-L200	12	26	100	3			
4N TE90-218-16-06-L160	12	26	120	3			
4N TE90-320-19-06-L120	12	13	80	3			
4N TE90-320-19-06-L160	12	13	120	3			
4N TE90-320-20-06-L120	14	30	80	3			
4N TE90-320-20-06-L160	14	30	120	3			
4N TE90-321-20-06-L160	14	30	160	3			
4N TE90-321-20-06-L200	14	15	120	4			
4N TE90-322-20-06-L160	14	15	160	4			
4N TE90-323-20-06-L160	16	35	100	4			
4N TE90-324-20-06-L160	16	35	120	4			
4N TE90-425-24-06-L120	16	35	160	4			
4N TE90-425-25-06-L120	16	17	120	4			
4N TE90-425-25-06-L160	16	17	160	4			
4N TE90-425-25-06-L200	12	13	80	3			
4N TE90-426-25-06-L160	12	13	120	3			
4N TE90-426-25-06-L200	14	30	80	3			
4N TE90-427-25-06-L160	14	30	120	3			
4N TE90-428-25-06-L160	14	30	160	3			
4N TE90-430-25-06-L160	14	15	120	4			
4N TE90-532-32-06-L160	14	15	160	4			
4N TE90-532-32-06-L200	16	35	100	4			
4N TE90-533-32-06-L160	16	35	120	4			
4N TE90-533-32-06-L200	16	35	160	4			

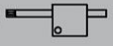


PRODUCT CODE : EMR4R



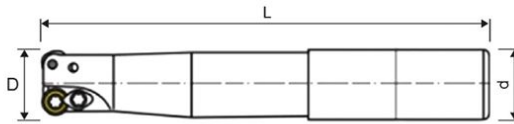
Operation 加工形態		
Groove Milling	Shoulder Milling	Face Milling

Product Specification

Item code 無水孔 Non-coolant	Dimensions,mm			Teeth	 RPMT0802-R4	Screw  M3*8	Wrench  T-18
	D	d	L				
C10-4R10-100	10	10	100	1			
C10-4R11-100	11	10	100	1			
C12-4R12-130	12	12	130	1			
C12-4R13-130	13	12	130	1			
C15-4R16-150	16	15	150	2			
C15-4R16-200	16	15	200	2			
C15.6-4R16-150	16	15.6	150	2			
C15.6-4R16-200	16	15.6	200	2			
C16-4R16-120	16	16	120	2			
C16-4R16-150	16	16	150	2			
C16-4R16-200	16	16	200	2			
C16-4R16-250	16	16	250	2			
C16-4816-300	16	16	300	2			
C16-4R17-120	17	16	120	2			
C16-4R17-150	17	16	150	2			
C16-4R17-200	17	16	200	2			
C16-4R17-250	17	16	250	2			
C16-4R17-300	17	16	300	2			
C19-4R20-150	20	19	150	2			
C19-4R20-200	20	19	200	2			
C20-4R20-150	20	20	150	2			
C20-4R20-200	20	20	200	2			
C20-4R20-250	20	20	250	2			
C20-4R20-300	20	20	300	2			
C20-4R21-150	21	20	150	2			
C20-4R21-200	21	20	200	2			
C20-4R21-250	21	20	250	2			
C20-4R21-300	21	20	300	2			



PRODUCT CODE : EMR5R



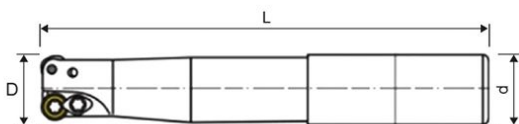
Operation 加工形態		
Groove Milling	Shoulder Milling	Face Milling

Product Specification

Item code	Dimensions,mm			Teeth		Screw 	Wrench 
無水孔 Non-coolant	D	d	L			M4*8	T-15
C20-5R20-160	20	20	160	2			
C20-5R20-200	20	20	200	2			
C20-5R21-160	21	20	160	2			
C20-5R21-200	21	20	200	2			
C20-5R25-160	25	20	160	2			
C20-5R25-200	25	20	200	2			
C20-5R30-110	30	20	110	2			
C25-5R25-160	25	25	160	2			
C25-5R25-200	25	25	200	2			
C25-5R25-250	25	25	250	2			
C25-5R25-300	25	25	300	2			
C25-5R30-160	30	25	160	2			
C25-5R30-200	30	25	200	2			
C25-5R30-250	30	25	250	2			
C25-5R30-300	30	25	300	2			
C32-5R35-160	35	32	160	3			
C32-5R35-200	35	32	200	3			
C32-5R35-250	35	32	250	3			
C32-5R35-300	35	32	300	3			
C32-5R35-350	35	32	350	3			
C32-5R35-400	35	32	400	3			
C32-5R40-160	35	32	160	3			
C32-5R40-200	35	32	200	3			

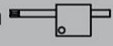


PRODUCT CODE : EMR6R



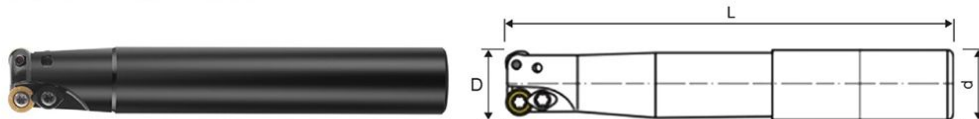
Operation 加工形態		
Groove Milling	Shoulder Milling	Face Milling

Product Specification

Item code 無水孔 Non-coolant	Dimensions,mm			Teeth	 RPMW1204-R6	Screw  M4*10	Wrench  T-15
	D	d	L				
C24-6R25-150	25	24	1520	2			
C24-6R25-200	25	24	200	2			
C25-6R25-150	25	25	150	2			
C25-6R25-200	25	25	200	2			
C25-6R26-150	26	25	150	2			
C25-6R26-200	26	25	200	2			
C25-6R30-150	30	25	150	2			
C25-6R30-200	30	25	200	2			
C25-6R32-150	32	25	150	3			
C25-6R32-200	32	25	200	3			
C25-6R32-250	32	25	250	3			
C32-6R32-150	32	32	150	3			
C32-6R32-200	32	32	200	3			
C32-6R32-250	32	32	250	3			
C32-6R32-300	32	32	300	3			
C32-6R35-150	35	32	150	3			
C32-6R35-200	35	32	200	3			
C32-6R35-250	35	32	250	3			
C32-6R35-300	35	32	300	3			
C32-6R35-350	35	32	350	3			
C32-6R35-400	35	32	400	3			
C32-6R40-150	40	32	150	3			
C32-6R40-200	40	32	200	3			
C32-6R40-250	40	32	250	3			
C32-6R40-300	40	32	300	3			
C32-6R40-350	40	32	350	3			
C32-6R40-400	40	32	400	3			



PRODUCT CODE : EMR5R



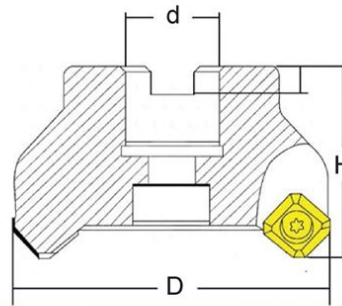
Operation 加工形態		
Groove Milling	Shoulder Milling	Face Milling

Product Specification

Item code 無水孔 Non-coolant	Dimensions,mm			Teeth	 RPMW1003(R5)	Screw	Wrench
	D	d	L				
C20-5R20-150	20	20	150	2	 RPMW1003(R5)	M4*9	T-15
C20-5R20-200	20	20	200	2			
C20-5R21-150	21	20	150	2			
C20-5R21-200	21	20	200	2			
C20-5R25-150	25	20	150	2			
C20-5R25-200	25	25	200	2			
C20-5R30-110	30	25	110	2			
C25-5R25-150	25	25	150	2			
C25-5R25-200	25	25	200	2			
C25-5R25-250	25	25	250	2			
C25-5R25-300	25	25	300	2			
C25-5R30-150	30	25	150	2			
C25-5R30-200	30	25	200	2			
C25-5R30-250	30	25	250	2			
C25-5R30-300	30	25	300	2			
C32-5R35-150	35	32	150	3			
C32-5R35-200	35	32	200	3			
C32-5R35-250	35	32	250	3			
C32-5R35-300	35	32	300	3			
C32-5R35-350	35	32	350	3			
C32-5R35-400	35	32	400	3			
C32-5R40-150	35	32	150	3			
C32-5R40-200	35	32	200	3			



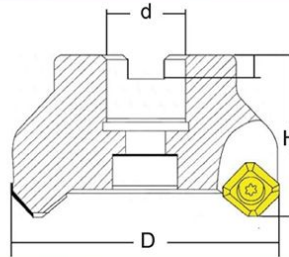
PRODUCT CODE :KM12



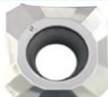
Product Specification

Cat. No		diameter	inner hole	Height		
		D (mm)	d (mm)	H (mm)		
KM12-50-22-4T-L	SEKT1204	50	22	50	M5.0x12L	TM-20
KM12-63-22-4T-L		63				
KM12-80-27-5T-L		80	27			
KM12-100-32-5T-L		100	32			
KM12-125-40-6T-L		125	40	63		
KM12-160-40-7T-L		160				
KM12-125-50-6T-L		25	50			

PRODUCT CODE :KM12

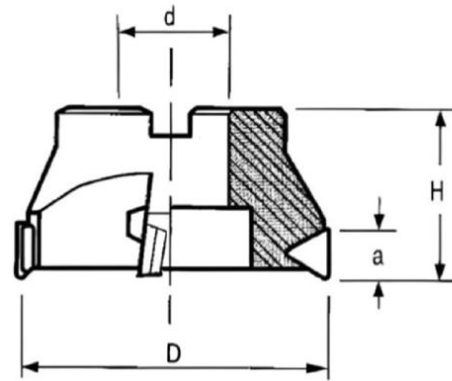


Product Specification

Cat. No		diameter	inner hole	Height			
		D (mm)	d (mm)	H (mm)			
KM12-50-22-4T	SEKT1204	50	22	50	M5.0x12L	MT-20	
KM12-50-25. 4-4T			25.4				
KM12-63-22-4T		63	22				63
KM12-63-25. 4-4T			25.4				
KM12-80-27-5T		80	27				
KM12-80-25. 4-51			25.4				
KM 12-100-31. 75-5T		100	31.75				
KM12-100-32-51			32				
KM12-125-40-6T		125	40				
KM12-160-40-7T		160					
KM12-200-60-8T		200	60				
KM12-250-60-9T		250					



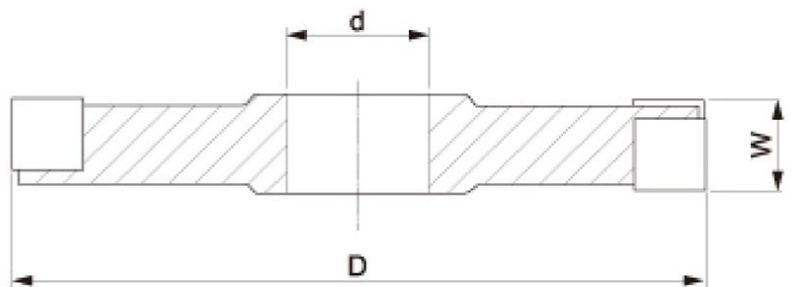
PRODUCT CODE : TPR Shoulder Face Milling Cutter



Product Specification

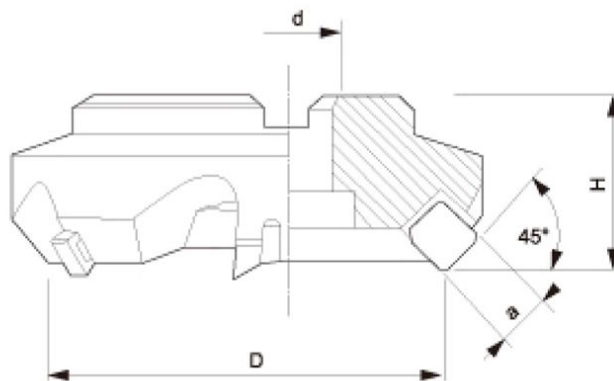
Item code	Dimensions,mm					TEETH	INSERT	INSERT SCR.	SHIM	SHIM SCR.	Wrench
無水孔 Non-coolant	D	d	d*	H1	H						
TPR-63	63	25.4	27	22	50	3	TPMN22204 TPKN2204PPR	SCR-W5/16	ST-T	SCR-ST-T4	WRN-M5L
TPR-3	80	25.4	27	22	50	4					WRN-M5T
TPR-4	100	31.75	32	22	55	5					
TPR-5	125	38.1	40	22	60	6					
TPR-6	160	50.8	40	22	60	7					
TPR-8	200	47.625	60	22	60	8					
TPR-10	250	47.625	60	22	60	9					
TPR-12	300	47.625	60	22	60	10					

PRODUCT CODE : SC side milling Cutter

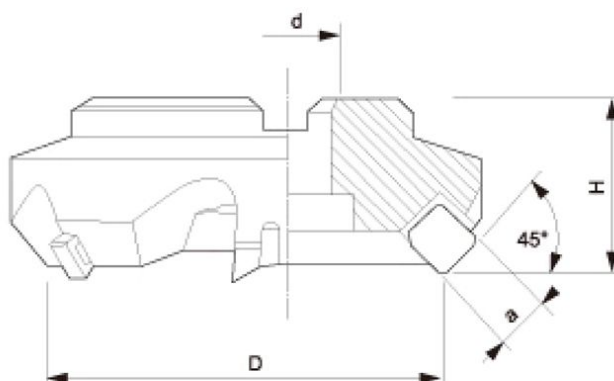


Product Specification

Item code	Dimensions,mm			TEETH	INSERT	CLAMP	CLAMP SCR.	Wrench
無水孔 Non-coolant	D	d	W					
SC-100X16	100	25.4	16	10	SPUN 120304	CL-S CL-SL	SCR-CL5/16	WRN-M4T
SC-125X16	125	25.4	16	14				
SC-150X16	150	31.75	16	16				
SC-200X16	200	31.75	16	20				



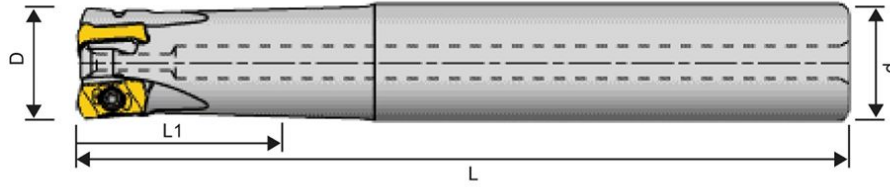
Item code	Dimensions,mm				TEETH	INSERT	CLAMP	CLAMP SCR.	SHIM	SHIM SCR.	Wrench
無水孔 Non-coolant	D	d	d*	H							
545-3	80	25.4	27	50	5	SEKN-1504 	CL5-S	SCR-CL5/16	ST-S	SCR-ST-S4	WRN-M4T
545-4	100	31.75	32	55	5						
545-5	125	38.1	40	60	6						
545-6	160	50.8	40	60	8						
545-8	200	47.625	60	60	10						
545-10	250	47.625	60	60	12						
545-12	300	47.625	60	60	14						



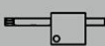
Item code	Dimensions,mm				TEETH	INSERT	CLAMP	CLAMP SCR.	SHIM	SHIM SCR.	Wrench
無水孔 Non-coolant	D	d	d*	H							
445-3	80	25.4	27	50	5	SEKN-1203 	CL5-S	SCR-CL5/16	ST-S	SCR-ST-S4	WRN-M4T
445-4	100	31.75	32	55	5						
445-5	125	38.1	40	60	6						
445-6	160	50.8	40	60	8						
445-8	200	47.625	60	60	10						
445-10	250	47.625	60	60	12						
445-12	300	47.625	60	60	14						



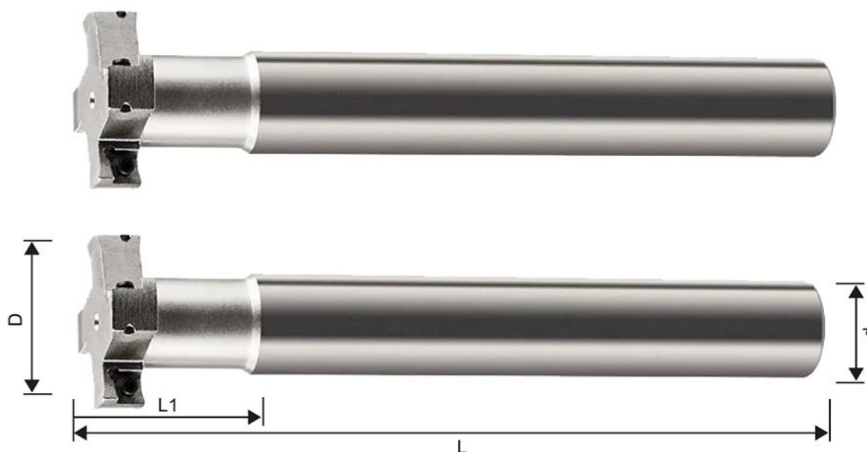
PRODUCT CODE :EXN03



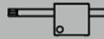
Product Specification

Cat. No		Shank diameter	Blade diameter	Total length	No. of Flutes			
		d (mm)	D (mm)	L (mm)	L1 (mm)			
EXN03-C16-16-150L-2T	LNMU0303ZER-MJ	16	16	150	40	2.5X8.0L	MT-08	
EXN03-C16-16-200L-2T				200	50			
EXN03-C16-17-150L-2T			17	150	30			
EXN03-C16-17-200L-2T				200				
EXN03-C20-20-150L-3T		20	20	150	40			
EXN03-C20-20-200L-3T				200	50			
EXN03-C20-21-150L-3T			21	150	30			
EXN03-C20-21-200L-3T				200				
EXN03-C25-25-150L-41		25	25	150	40			
EXN03-C25-25-200L-41				200	50			
EXN03-C25-26-150L-4T			26	150	30			
EXN03-C25-26-200L-41				200	40			
EXN03-C25-30-150L-5T			30	150	50			
EXN03-C25-30-200L-5T				200	30			
EXN03-C32-32-150L-5T			32	32				150
EXN03-C32-32-200L-5T					200			
EXN03-C32-33-150L-5T		33		150	30			
EXN03-C32-33-200L-5T				200	40			
EXN03-C32-35-150L-5T		35		150	30			
EXN03-C32-35-200L-5T				200	40			
EXN03-C32-40-150L-6T		40		150	30			
EXN03-C32-40-200L-6T				200	40			

PRODUCT CODE :HTS150

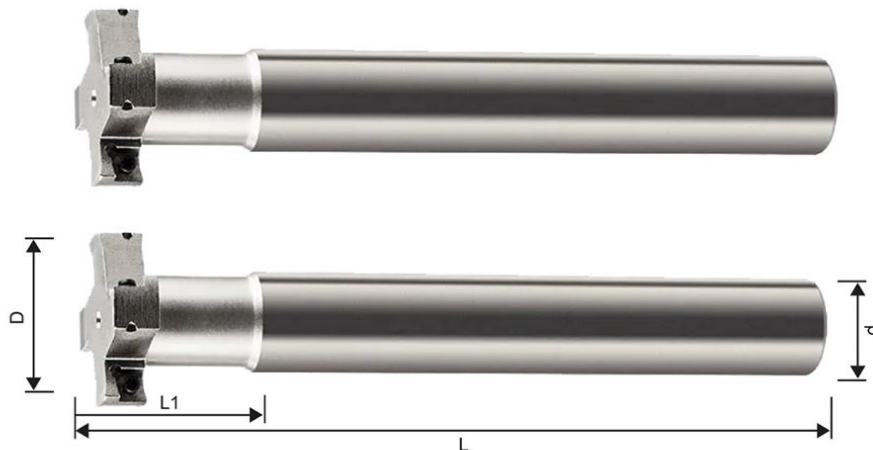


Product Specification

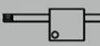
Cat. No		Shank diameter	Blade diameter	Total length	No. of Flutes	Screw 	Wrench 
		d (mm)	D (mm)	L (mm)	L1 (mm)		
HTS-C14-D20-H10-150L-2T	CCMT060204	14	20	150	32	2.5X6.0L	MT-08
HTS-C16-D25-H10-150L-2T		16	25		33		
HTS-C16-D30-H10-150L-4T			30				
HTS-C20-D35-H10-150L-4T		20	35		34		
HTS-C20-D40-H10-150L-4T			40				
HTS-C20-D45-H10-150L-4T			45				
HTS-C20-D50-H10-150L-4T			50				
HTS- C25-D60-H10-150L-6T		25	60		36		
HTS-C25-D65-H10-150L-6T			65				
HTS-C32-D70-H10-150L-8T		32	70				
HTS-C32-D80-H10-150L-8T			80				



PRODUCT CODE :HTS200

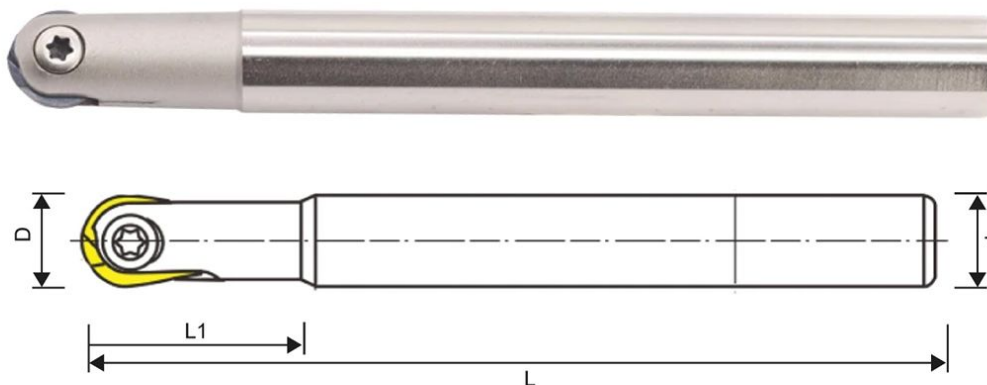


Product Specification

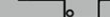
Cat. No		Shank diameter	Blade diameter	Total length	No. of Flutes	Screw 	Wrench 
		d (mm)	D (mm)	L (mm)	L1 (mm)		
HTS-C14-D20-H10-200L-2T	CCMT060204	14	20	200	32	2.5X6.0L	MT-08
HTS-C16-D25-H10-200L-2T		16	25		33		
HTS-C16-D30-H10-200L-4T			30				
HTS-C20-D35-H10-200L-4T		20	35		34		
HTS-C20-D40-H10-200L-4T			40				
HTS-C20-D45-H10-200L-4T			45				
HTS-C20-D50-H10-200L-4T			50				
HTS-C25-D60-H10-200L-6T		25	60		36		
HTS-C25-D65-H10-200L-6T			65				
HTS-C32-D70-H10-200L-8T		32	70				
HTS-C32-D80-H10-200L-8T			80				



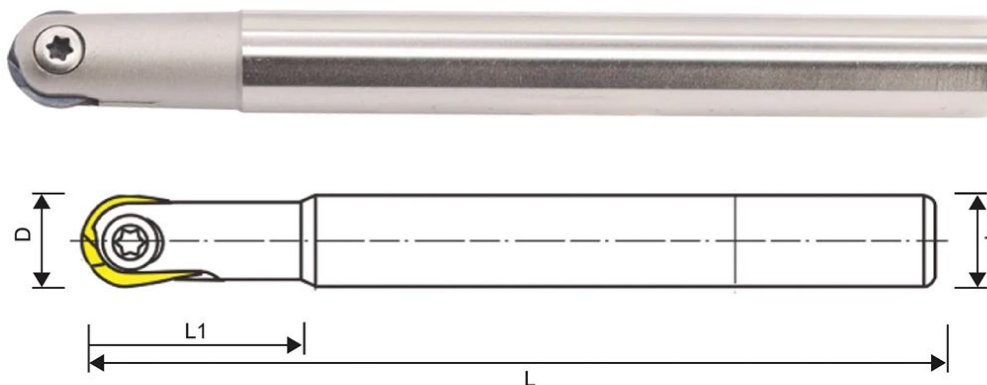
PRODUCT CODE :T2139-4R



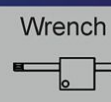
Product Specification

Cat. No		Shank diameter	Blade diameter	Total length	No. of Flutes		
		d (mm)	D (mm)	L (mm)	L1 (mm)		
T2139-4R-C08-120L-1T	P320-D08	8	8	120	30	T2139-R4	MT-08
T2139-4R-C10-110L-1T		10		110			
T2139-4R-C12-110L-1T		12					

PRODUCT CODE :T2139-5R

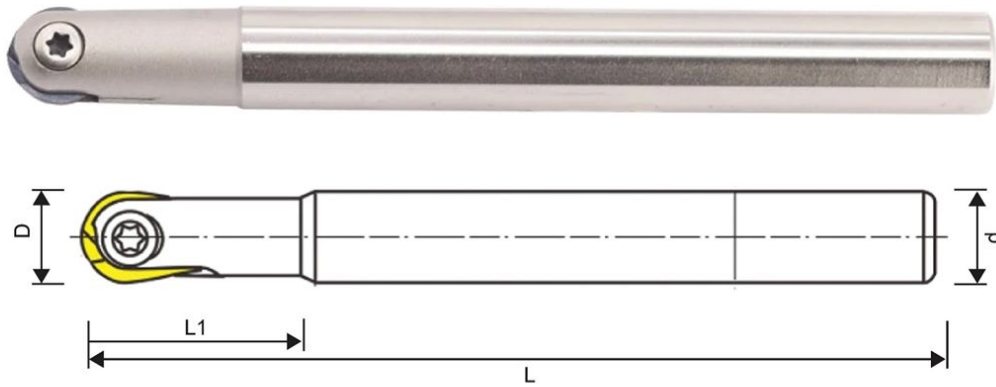


Product Specification

Cat. No		Shank diameter	Blade diameter	Total length	No. of Flutes		
		d (mm)	D (mm)	L (mm)	L1 (mm)		
T2139-5R-C10-130L-1T	P320-D10	10	10	130	30	T2139-R5	MT-15
T2139-5R-C12-130L-1T		12			35		
T2139-5R-C12-150L-1T				150	40		



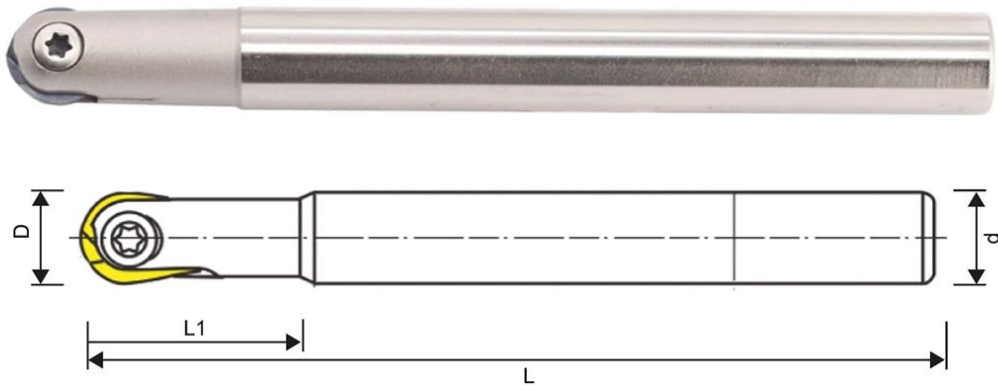
PRODUCT CODE :T2139-6R



Product Specification

Cat. No		Shank diameter	Blade diameter	Total length	No. of Flutes		
		d (mm)	D (mm)	L (mm)	L1 (mm)		
T2139-6R-C12-130L-1T	P320-D12	12	12	130	40	T2139-R6	MT-20
T2139-6R-C12-150L-1T				150			
T2139- 6R-C12-250L-1T				250			
T2139-6R-C16-150L-1T		16		150			
T2139-6R-C16-250L-1T				250			

PRODUCT CODE :T2139-8R

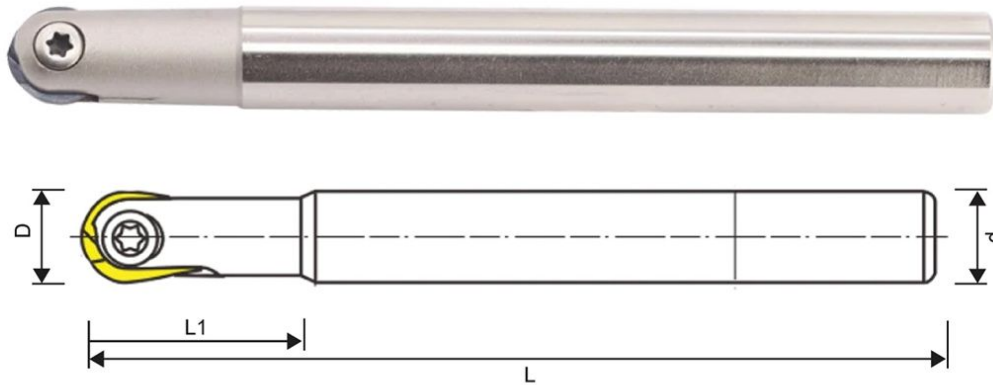


Product Specification

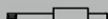
Cat. No		Shank diameter	Blade diameter	Total length	No. of Flutes	Screw 	Wrench 
		d (mm)	D (mm)	L (mm)	L1 (mm)		
T2139-8R-C16-150L-1T	P320-D16	16	16	150	40	T2139-R8	MT-20
T2139-8R-C16-250L-1T				250	60		
T2139-8R-C20-150L-1T		20		150	50		
T2139-8R-C20-250L-1T				250	60		



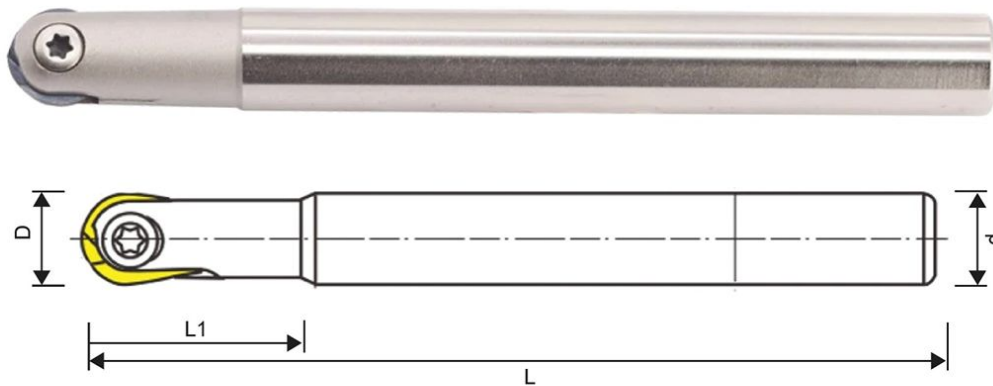
PRODUCT CODE :T2139-10R



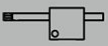
Product Specification

Cat. No		Shank diameter	Blade diameter	Total length	No. of Flutes		
		d (mm)	D (mm)	L (mm)	L1 (mm)		
T2139-10R-C20-150L-1T	P320-D20	20	20	150	50	T2139-R10	MT-15
T2139-10R-C20-250L-1T				250			
T2139-10R-C20-250L-1T							

PRODUCT CODE :T2139-12.5R

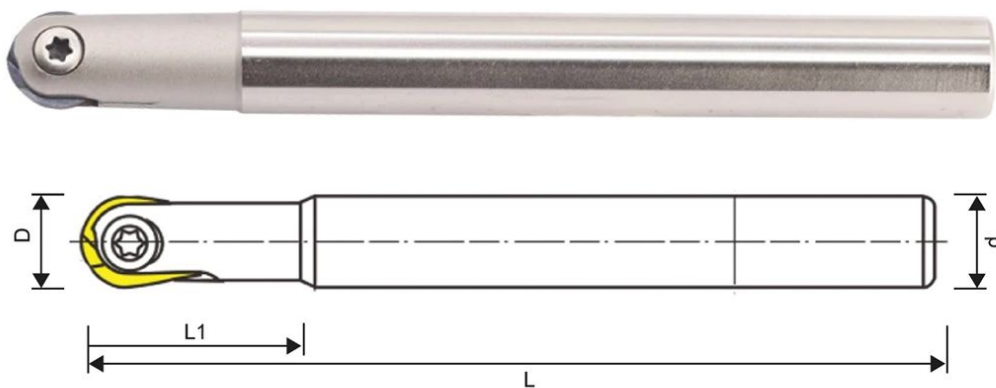


Product Specification

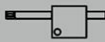
Cat. No		Shank diameter	Blade diameter	Total length	No. of Flutes		
		d (mm)	D (mm)	L (mm)	L1 (mm)		
T2139-12.5R-C25-150L-1T	P320-D25	25	25	150	50	T2139-R12.5	MT-20
T2139-12.5R-C25-250L-1T				250	55		
T2139-12.5R-C25-250L-1T				250	60		
T2139-12.5R-C25-300L-1T				300	60		



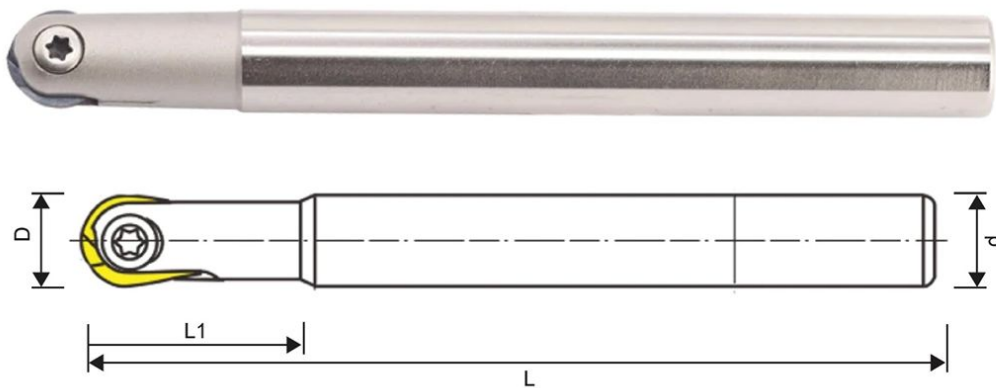
PRODUCT CODE :T2139-15R



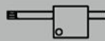
Product Specification

Cat. No		Shank diameter	Blade diameter	Total length	No. of Flutes		
		d (mm)	D (mm)	L (mm)	L1 (mm)		
T2139-15R-C32-250L-1T	P320-D30	32	30	250	60	T2139-R15	MT-30
T2139-15R-C32-250L-11				250			
T2139-15R-C32-300L-1T				300			

PRODUCT CODE :T2139-16R

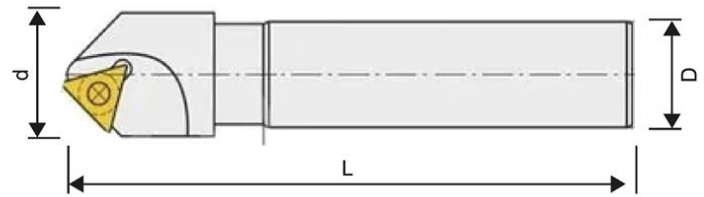


Product Specification

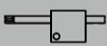
Cat. No		Shank diameter	Blade diameter	Total length	No. of Flutes		
		d (mm)	D (mm)	L (mm)	L1 (mm)		
T2139-16R-C32-250L-1T	P320-D32	32	32	250	60	T2139-R16	MT-30
T2139-16R-C32-250L-1T				250			
T2139-16R-C32-300L-1T				300			



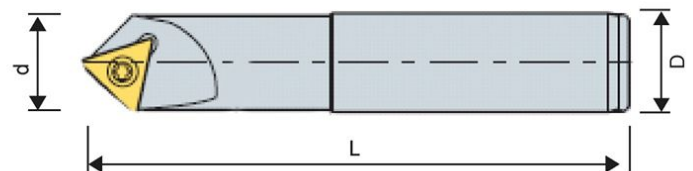
PRODUCT CODE :TCM



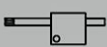
Product Specification

Cat. No		Shank diameter	Total length	Blade diameter		
		d (mm)	L (mm)	D (mm)		
TCM-C12-20-110L-1T	TCMT16T304	12	110	22	M4.0*9.0L	MT-15
TCM-C16-20-110L-1T		16		22		
TCM-C16-25-110L-2T				24		
TCM-C20-25-110L-1T		20		25		
TCM-C20-30-110L-1T				30		
TCM-C20-30-110L-1T				31		
TCM--C20-40-110L-1T				39		
TCM-C25-50-120L-1T		25	120	49		
TCM-C25-40-120L-1T				39		

PRODUCT CODE :SSP

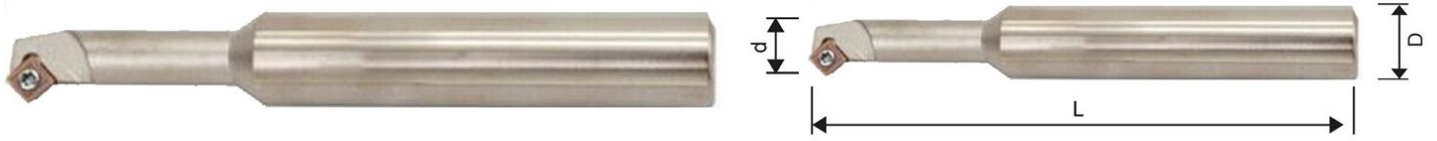


Product Specification

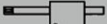
Cat. No	 	Shank diameter	Total length	Blade diameter		
		d (mm)	L (mm)	D (mm)		
SSP-C12-12-110L-1T	TCMT090204	12	110	12	M2.2*5.0L	MT-6
SSP-C16-15-110L-1T	TCMT110204	16		16	M2.5*6.0L	MT-8
SSP-C16-16-110L-1T				16		
SSP-C20-20-130L-1T	TCMT16T304	20	130	22	M4.0*9.0L	MT-15
SSP-C20-25-130L-1T				27		
SSP-C20-30-130L-1T				29		
SSP-C20-20-200L-1T			200	22		



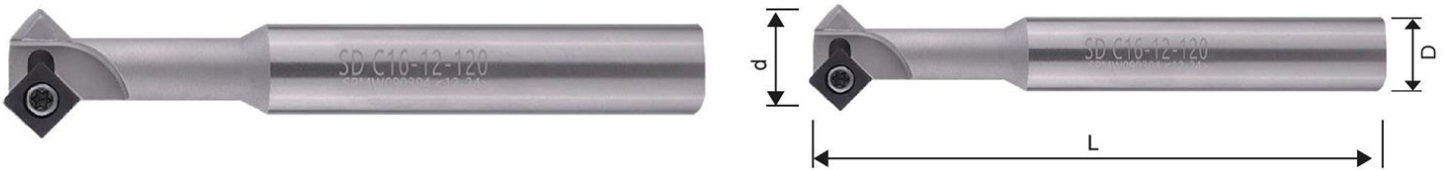
PRODUCT CODE :SD



Product Specification

Cat. No	 	Shank diameter	Total length	Blade diameter	Screw 	Wrench 
		d (mm)	L (mm)	D (mm)		
SD-C12-6-110L-1T	SPMG050204	12	110	12	M2.2*5.0L	MT-6
SD-C12-10-110L-2T				18		
SD-C16-12-120L-1T	SPMG060204	16	120	24	M4.0*9.0L	MT-15
SD-C20-20-130L-2T				32		
SD-C20-25-110L-2T	SPMW090204	20	110	32		
SD-C20-25-200L-2T			200	32		
SD-C20-30-110L-2T			110	43		

PRODUCT CODE :SDX

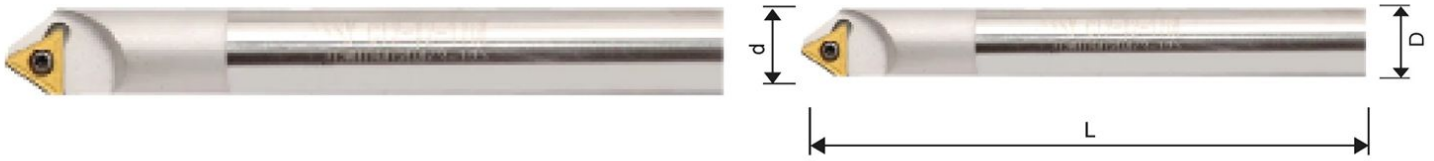


Product Specification

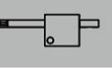
Cat. No	 	Shank diameter	Total length	Blade diameter		
		d (mm)	L (mm)	D (mm)		
SDX-C12-16-120L-1T	SPMG060204	12	120	15.7	M2.2*5.0L	MT-6
SDX-C16-20-120L-1T	SPMG090208	16		19.51	M3.5*8.0L	MT-15
SDX-C20-22-120L-1T	SCMT09T304	20		21.52	M4.0*9.0L	
SDX-C20-32-120L-2T	SCMT09T304			31		
SDX-C25-40-160L-2T	SCMT120408	25	160	39	M5.0*10L	MT-20



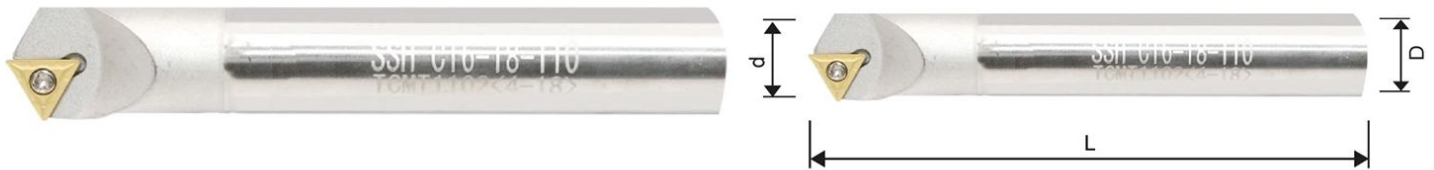
PRODUCT CODE :SSY



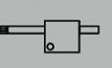
Product Specification

Cat. No		Shank diameter	Total length	Blade diameter		
		d (mm)	L (mm)	D (mm)		
SSY-C12-12-110-1T	TCMT090204	12	110	12	M2.2*5.0L	MT-6
SSY-C16-16-110-1T		16		16	M2.2*6.0L	MT-8
SSY-C20-20-130-1T	TCMT16T304	20	130	20	M4.0*9L	MT-15
SSY-C20-30-130-2T				33		
SSY-C25-40-120L-2T		25	120	40		

PRODUCT CODE :SSH



Product Specification

Cat. No		Shank diameter	Total length	Blade diameter		
		d (mm)	L (mm)	D (mm)		
SSH-C12-15-110-1T	TCMT090204	12	110	16	M2.2*5.0L	MT-6
SSH-C16-18-110-1T		16		18	M2.5*6.0L	MT-8
SSH-C20-25-130-1T	TCMT16T304	20	130	24	M4.0*9.0L	MT-15
SSH-C20-30-130-2T				30		MT-15
SSH-C25-40-120L-2T	APMT1604	25	120	40		MT-15
SSH-C25-40-120L-2T	TCMT16T304			40		MT-15