

WIDIN

CUTTER SERIES
커터시리즈



History

- 1988. 07 회사설립(주식회사 하나정공)
- 1999. 07 무역업 등록
- 2001. 04 상호변경 (주)하나정공 → (주)하나툴스
- 07 ISO 9001 인증 획득
- 2002. 03 (주)하나툴스 부설연구소 설립인가(과기부)
- 05 실용신안 등록(제0277126호)
- 2003. 06 수출유망중소기업 지정(경남 중소기업 수출지원 센터)
- 2004. 05 실용신안 등록(제0350651)
- 11 제34회 정밀기술진흥대회 동상 수상
- 11 대표이사 산업자원부장관 표창
- 2005. 02 상해사무소 개설(중국상하이)
- 04 벤처기업 선정(중소기업청)
- 05 수출전환대상업체 지정(제2005-16호)
- 07 경남중소기업대상 특별상 수상
- 07 수출유망 중소기업 지정(제2005-28호)
- 10 부품소재전문기업(산업자원부)
- 11 기술혁신형중소기업(INNO-BIZ) 확인(중소기업청)
- 2006. 09 창원시 최고경영인상 수상(창원시)
- 11 품질경쟁력 우수기업 선정
- 11 수출 100만불 탑 수상
- 2007. 02 부등분할 엔드밀 특허 획득
- 05 대통령 표창 수상
- 07 상호변경 (주)하나툴스 → (주)위딘
- 2008. 07 창립 20주년 기념 및 회사 이전 준공
- 11 수출 300만불 탑 수상
- 2010. 05 2010 글로벌스탠더드 경영대상 수상(한국능률협회)
- 2011. 11 수출 500만불 탑 수상
- 2012. 01 글로벌 강소 기업 선정
- 06 본사 확장 이전
- 2015. 06 대표이사 국무총리상 수상



Making customer's dreams a reality- The best mechanical solution

(주)위딘은 1988년 7월 창업 이래 국내 초경 절삭 공구시장의 질적 향상을 위해 꾸준히 노력해 오고 있습니다.

이와 같은 노력에 힘입어 국내 ENDMILLS, DRILLS, REAMERS, TAPS 뿐만아니라 SPECIAL TOOLS은 반도체 부품, 자동차 부품, 금형 및 공작기계 부품 등과 같은 국내 산업 전반에 많은 기여를 하고 있습니다.

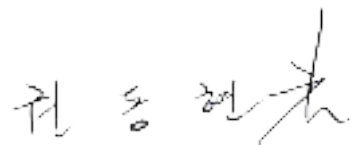
인화단결, 창의정신, 주인의식이라는 사훈아래 모든 임직원이 하나로 뜻을 모아 (주)위딘의 발전을 위해 땀을 흘리고, 생산되어지는 제품에 자부심을 가짐으로써 품질의 향상과 불량률 0%를 만들어 나가고 있음은 물론, 끊임없는 품질개선, 생산성 극대화, 기업의 세계화라는 경영방침아래 (주)위딘을 더욱 발전시키기 위해 최선의 노력을 아끼지 않고 있습니다.

아울러 (주)위딘 부설 연구소에서는 품질개선을 위한 끊임없는 연구를 하고 있으며, 그 결과들은 속속 품질의 향상과 신제품 개발로 나타나고 있습니다.

또한, 세계적 박람회인 EMO, JIMTOF, IMTS, SIMTOS 등의 참여 뿐만 아니라 지속적인 해외시장 개척활동으로 품질향상과 회사의 이미지 제고는 물론, 세계를 무대로 국경없는 글로벌 경영을 실현하고 있습니다.

철저한 품질관리와 정확한 납기준수는 물론 고객과 이익을 함께 나누는 자세로 업무에 임할 것을 다짐하고 당사의 축적된 경험과 노하우가 귀사의 생산성 향상과 원가절감에 기여할 수 있도록 최선을 다하겠습니다. 고객 여러분들의 꾸준한 관심과 성원에 감사드리며, 끊임없는 노력과 열정으로 임할 것을 약속드립니다.

2016년 1월
(주)위딘 대표이사 권동현



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픽기 컷타 / Slotting Cutter
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열박음 척 / Shrink Fit Chuck
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88P

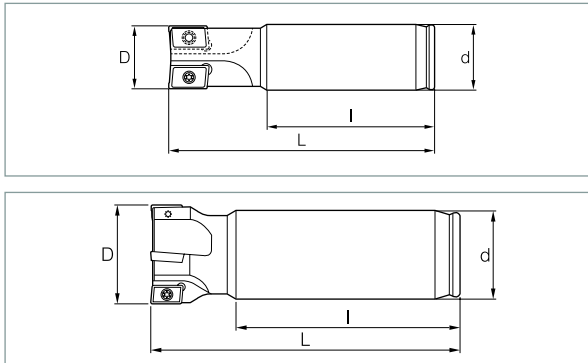


셋팅블럭 / Setting Block
89P



EndMill Cutter

ENCC



- WELDON SHANK TYPE

INSERT TYPE → [WIDIN, TAEGU-TEC](#)

Part No.	치수(Dimensions)mm							
	D	d	L	l				
ENCC-1609180	16	16	180	145	2	09T3	ST2553-55 M2.5	TX-8
ENCC-1709180	17		180	155				
ENCC-2009200	20	20	200	160				
ENCC-2109150	21		150	120				
ENCC-2109200	21		200	170				
ENCC-2509200	25	25	200	160	3			
ENCC-2609150	26		150	120				
ENCC-2609200	26		200	170				
ENCC-3209200	32	32	200	150	4			
ENCC-3309150	33		150	110				
ENCC-3309200	33		200	160				
ENCC-3309250	33		250	210				

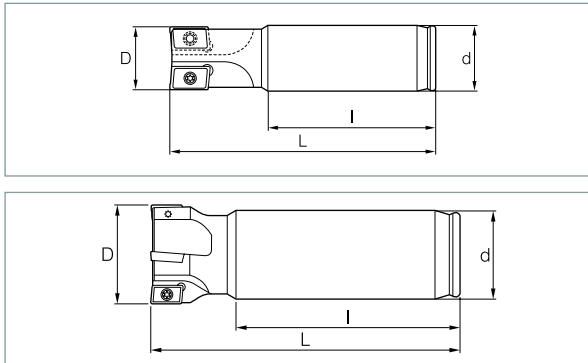
- WELDON SHANK TYPE

INSERT TYPE → [WALTER](#)

Part No.	치수(Dimensions)mm							
	D	d	L	l				
ENCC-2515150	25	25	150	110	2	AP..15T3	ST3509-55 M3.5	TX-15
ENCC-2515200	25	25	200	160	2			
ENCC-2615200	26	25	200	160	2			
ENCC-3215150	32	32	150	110	2			
ENCC-3215200	32	32	200	160	2			
ENCC-3215250	32	32	250	210	2			
ENCC-3215300	32	32	300	260	2			
ENCC-3315200	33	32	200	160	2			
ENCC-4015150	40	32	150	110	3			
ENCC-4015200	40	32	200	100	3			
ENCC-4015250	40	32	250	210	3			
ENCC-4015300	40	32	300	200	3			
ENCC-5015150	50	32	150	70	4			
ENCC-5015200	50	32	200	150	4			
ENCC-5015250	50	32	250	250	4			
ENCC-5015300	50	32	300	300	4			
ENCC-5015150L	50	42	150	100	4			
ENCC-5015200L	50	42	200	150	4			
ENCC-5015250L	50	42	250	200	4			
ENCC-5015300L	50	42	300	250	4			

EndMill Cutter

ENCC



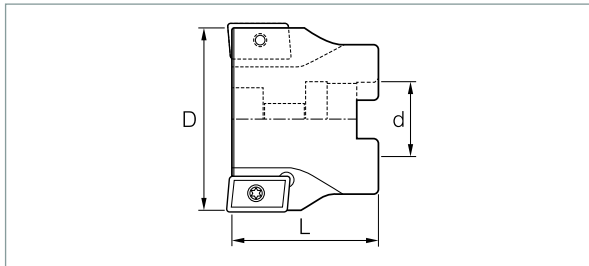
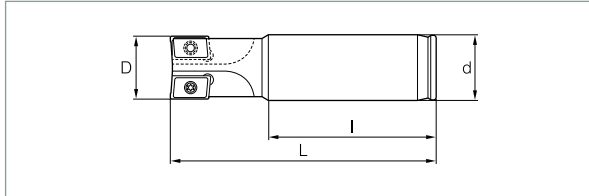
- WELDON SHANK TYPE

INSERT TYPE → [DURACAB](#), [SECO](#), [KORLOY](#), [WIDIN](#)

Part No.	치수(Dimensions)mm										
	D	d	L	l							
ENCC-2516150	25	25	150	110	2	AP..1604	ST4084-60 M4	TX-15			
ENCC-2516200	25	25	200	160							
ENCC-2516250	25	25	250	210							
ENCC-2616150	26	25	150	110							
ENCC-2616200	26	25	200	160							
ENCC-3216150	32	32	150	110							
ENCC-3216200	32	32	200	160							
ENCC-3216250	32	32	250	210							
ENCC-3216300	32	32	300	260							
ENCC-3316150	33	32	150	110							
ENCC-3316200	33	32	200	160							
ENCC-3316250	33	32	150	210							
ENCC-4016150	40	32	150	110	3	AP..1604	ST4101-60W M4	TX-15			
ENCC-4016200	40	32	200	160							
ENCC-4016250	40	32	250	210							
ENCC-4016300	40	32	300	260							
ENCC-5016150	50	32	150	110	4				AP..1604	ST4101-60W M4	TX-15
ENCC-5016200	50	32	200	160							
ENCC-5016250	50	32	250	210							
ENCC-5016300	50	32	300	260							
ENCC-5016150L	50	42	150	110							
ENCC-5016200L	50	42	200	160							
ENCC-5016250L	50	42	250	210							
ENCC-5016300L	50	42	300	260							

EndMill Cutter

ENCC



- WELDON SHANK TYPE

INSERT TYPE → **TAEGU-TEC, WIDIN**

Part No.	치수(Dimensions)mm												
	D	d	L	l									
ENCC-2517150	25	25	150	110	2	APKT 1705	ST4084-60 M4	TX-15					
ENCC-2517200	25	25	200	160									
ENCC-2617150	26	25	150	110									
ENCC-2617200	26	25	200	160									
ENCC-3217150	32	32	150	110									
ENCC-3217200	32	32	200	160									
ENCC-3217250	32	32	250	210									
ENCC-3317150	33	32	150	110									
ENCC-3317200	33	32	200	160									
ENCC-3317250	33	32	250	210									
ENCC-4017150	40	32	150	110	3		APKT 1705		ST4084-60 M4	TX-15			
ENCC-4017200	40	32	200	160									
ENCC-4017250	40	32	250	210									
ENCC-5017150	50	32	150	110	4						APKT 1705	ST4101-60W M4	TX-15
ENCC-5017200	50	32	200	160									
ENCC-5017250	50	32	250	210									
ENCC-5017150-L	50	42	150	110									
ENCC-5017200-L	50	42	200	160									
ENCC-5017250-L	50	42	250	210									
ENCC-5017150-L	50	42	150	110									

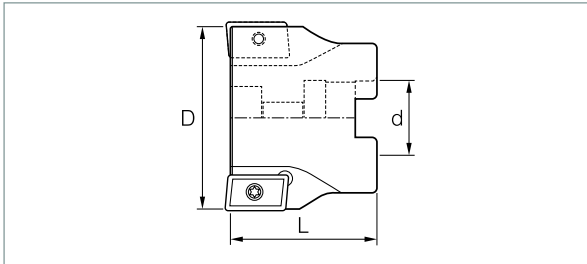
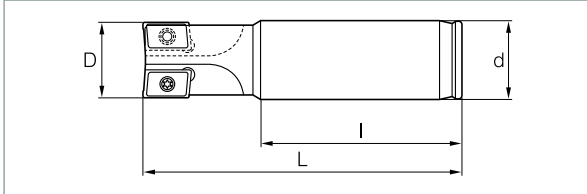
- BORE MOUNTED TYPE

INSERT TYPE → **TAEGU-TEC, WIDIN**

Part No.	치수(Dimensions)mm							
	D	d	L					
ESCC-501722	50	22	50	3	APKT 1705	ST4101-60W M4	TX-15	
ESCC-631722	63	22	50	4				
ESCC-801727	80	27	50	7				

EndMill Cutter

AHU



- WELDON SHANK TYPE

INSERT TYPE → [HITACHI](#), [WIDIN](#)

Part No.	치수(Dimensions)mm							
	D	d	L	l				
AHU-1610170	16	16	170	140	2	JDMT 1003..R	ST2553-55 M2.5	TX-8
AHU-1710170	17	16	170	140				
AHU-2010200	20	20	200	170				
AHU-2010250	20	20	250	210				
AHU-2110200	21	20	200	170				
AHU-2110250	21	20	250	210				
AHU-2515200	25	25	200	160		JDMT 1505..R	ST4084-60 M4	TX-15
AHU-2515250	25	25	250	210				
AHU-2615200	26	25	200	160				
AHU-2615250	26	25	250	210				
AHU-3215200	32	32	200	160				
AHU-3215250	32	32	250	210				
AHU-3215300	32	32	300	260				
AHU-3315200	33	32	200	160				
AHU-3315250	33	32	250	210				
AHU-3315300	33	32	300	260				

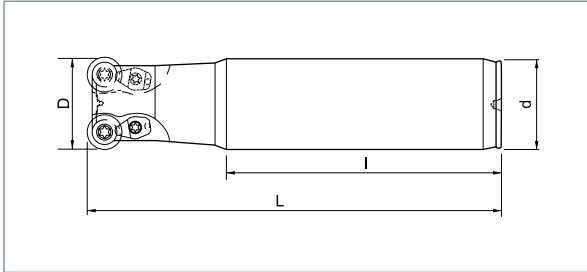
- BORE MOUNTED TYPE

INSERT TYPE → [HITACHI](#), [WIDIN](#)

Part No.	치수(Dimensions)mm						
	D	d	L				
AHUS-3050-22	50	22	50	3	JDMT 1505..R	ST4101-60W M4	TX-15
AHUS-4050-22	50	22	50	4			
AHUS-3063-22	63	22	50	3			
AHUS-4063-22	63	22	50	4			
AHUS-3050-22.225	50	22.225	50	3			
AHUS-4050-22.225	50	22.225	50	4			
AHUS-3063-25.4	63	25.4	50	3			
AHUS-4063-25.4	63	25.4	50	4			

Round Insert Cutter

RMCC



- WELDON SHANK TYPE

INSERT TYPE → [HITACHI](#), [WALTER](#), [WIDIN](#)

Part No.	치수(Dimensions)mm								
	D	d	L	I					
RMCC-1608170	16	16	170	135	2	RDMW0803		ST307-55 M3	TX-8
RMCC-1708170	17	16	170	135					
RMCC-2008200	20	20	200	165					
RMCC-2108200	21	20	200	165					
RMCC-2010200	20	20	200	165		RDMT10T3	CL2C 2CICN	ST408-43 M4	TX-15
RMCC-2110200	21	20	200	165					
RMCC-2510150	25	25	150	115					
RMCC-2510200	25	25	200	155					
RMCC-2610150	26	25	150	115					
RMCC-2610200	26	25	200	155					

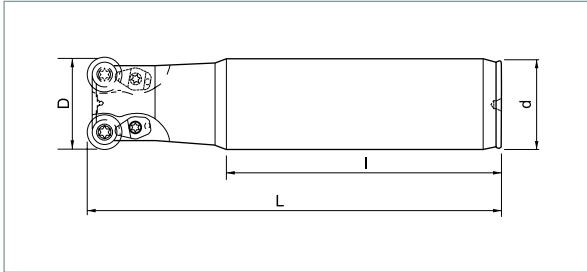
- WELDON SHANK TYPE

INSERT TYPE → [HITACHI](#), [WIDIN](#)

Part No.	치수(Dimensions)mm								
	D	d	L	I					
RMCC-1608170-H	16	16	170	135	2	RDMT0802	CL2C 2CLCN	ST307-55 M3	TX-8
RMCC-1708170-H	17	16	170	135					
RMCC-2008200-H	20	20	200	165					
RMCC-2108200-H	21	20	200	165					

Round Insert Cutter

RMCC



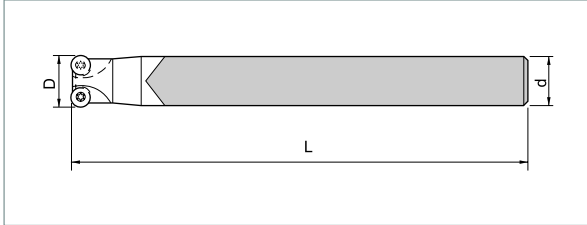
- WELDON SHANK TYPE

INSERT TYPE → [HITACHI](#), [WALTER](#), [WIDIN](#)

Part No.	치수(Dimensions)mm															
	D	d	L	l												
RMCC-2512150	25	25	150	105	2	RDMT 1204 RDMW 1204	CL2C 2CLCN	ST4084-60 M4	TX-15							
RMCC-2512200	25	25	200	155												
RMCC-2512250	25	25	250	205												
RMCC-2612150	26	25	150	105												
RMCC-2612200	26	25	200	155												
RMCC-2612250	26	25	250	205												
RMCC-2612300	26	25	300	255												
RMCC-3212150	32	32	150	100												
RMCC-3212200	32	32	200	150												
RMCC-3212250	32	32	250	200												
RMCC-3212300	32	32	300	250												
RMCC-3312150	33	32	150	100												
RMCC-3312200	33	32	200	150												
RMCC-3312250	33	32	250	200												
RMCC-3312300	33	32	300	250												
RMCC-3512150	35	32	150	105	3						ST4101-60W M4					
RMCC-3512200	35	32	200	155												
RMCC-3512300	35	32	300	255												
RMCC-4012150	40	32	150	105												
RMCC-4012200	40	32	200	155												
RMCC-4012300	40	32	300	255	4											
RMCC-5012150	50	32	150	105												
RMCC-5012200	50	32	200	155												
RMCC-5012300	50	32	300	255												
RMCC-5012150L	50	42	150	105												
RMCC-5012200L	50	42	200	155												
RMCC-5012300L	50	42	300	255												

Round Insert Cutter

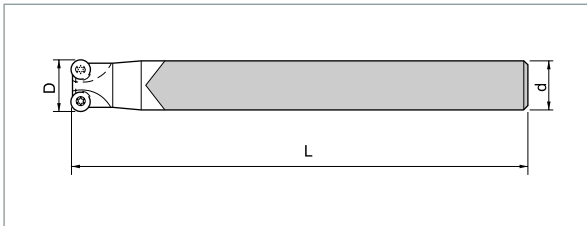
RDT



- CARBIDE SHANK TYPE

INSERT TYPE → **TUNGALOY, WIDIN**

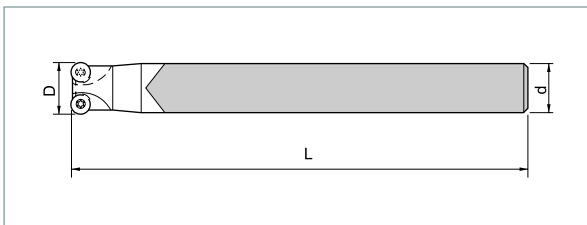
Part No.	치수(Dimensions)mm						
	D	d	L				
RDT-1010135	10	10	135	2	RDMW 0501MO	CSTD-1.8 M1.8	TX-6
RDT-1110135	11	10	135				
RDT-1212150	12	12	150				
RDT-1312150	13	12	150				
RDT-1616180	16	16	180				
RDT-1716180	17	16	180				



- CARBIDE SHANK TYPE

INSERT TYPE → **DIJET**

Part No.	치수(Dimensions)mm						
	D	d	L				
RDT-1010135	10	10	135	2	RDMW 0501MOEN	CSTD-1.8 M1.8	TX-6
RDT-1110135	11	10	135				
RDT-1212150	12	12	150				
RDT-1312150	13	12	150				
RDT-1616180	16	16	180				
RDT-1716180	17	16	180				



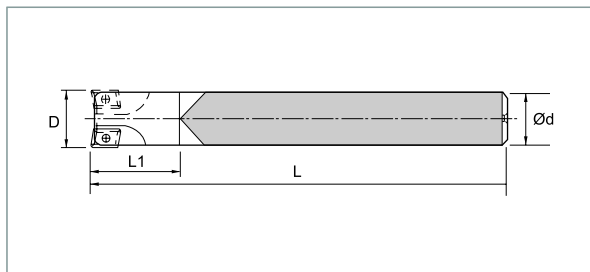
- CARBIDE SHANK TYPE

INSERT TYPE → **MITSUBISHI**

Part No.	치수(Dimensions)mm						
	D	d	L				
RDT-1010135	10	10	135	2	RDMW 0517MOE	TPS2.0 M2.0	TX-6
RDT-1110135	11	10	135				
RDT-1212150	12	12	150				
RDT-1312150	13	12	150				
RDT-1616180	16	16	180				
RDT-1716180	17	16	180				

Finishing EndMill Cutter

ASMC

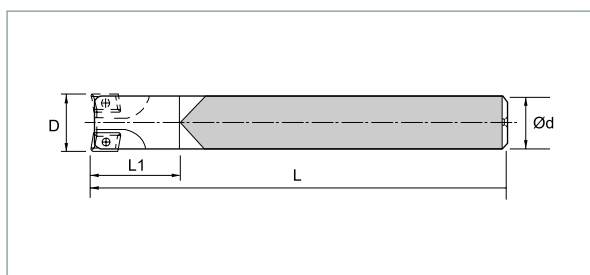


- CARBIDE SHANK TYPE

INSERT TYPE → [HITACHI](#)

Part No.	치수(Dimensions)mm							
	D	d	L	L1				
ASMC-1010120	10	10	120	30	2	JDMT0702	TS-M1.8	TX-6
ASMC-1110120	11	10	120					
ASMC-1212150	12	12	150					
ASMC-1312150	13	12	150					
ASMC-1616180	16	16	180					
ASMC-1716180	17	17	180					

MPMC



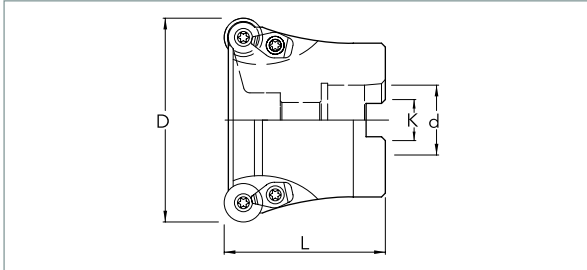
- CARBIDE SHANK

INSERT TYPE → [DIJET](#), [WIDIN](#)

Part No.	치수(Dimensions)mm							
	D	d	L	L1				
MPMC-1010120	10	10	120	30	2	EQMC060210ER EOMT060210ZER	TS-M1.8	TX-6
MPMC-1110120	11	10	120					
MPMC-1212150	12	12	150					
MPMC-1312150	13	12	150					
MPMC-1616180	16	16	180					
MPMC-1716180	17	16	180					

Round Cutter

RSCC



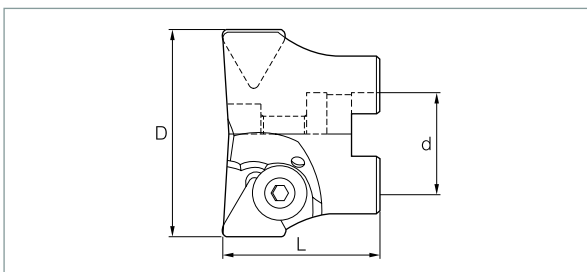
- BORE MOUNTED TYPE

INSERT TYPE → [HITACHI](#), [WALTER](#), [WIDIN](#)

Part No.	치수(Dimensions)mm								
	D	d	L	K					
RSCC-0501222D	50	22	50	10.4	3	RDMT1204	CL2C 2CLCN	ST4101-60W M4	TX-15
RSCC-0501222D	50	22		10.4	4				
RSCC-0631222D	63	22		10.4	5				
RSCC-0631227D	63	27		12.4	5				
RSCC-0801232D	80	32		14.4	6				
RSCC-1001232D	100	32		14.4	8				
RSCC-0501622D	50	22		10.4	3	RDMT1605	3CLCN	ST512-63P M5	TX-20
RSCC-0631627D	63	27		12.4	4				
RSCC-0801632D	80	32		14.4	4				

Shell Cutter

SSCC



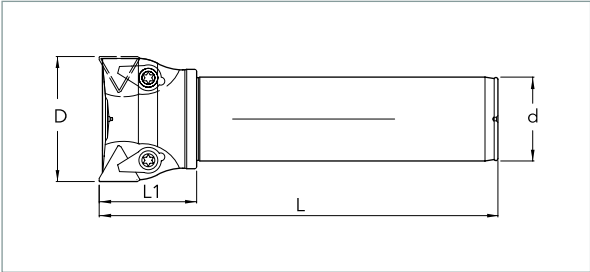
- BORE MOUNTED TYPE

INSERT TYPE → [TAEGU-TEC](#)

Part No.	치수(Dimensions)mm				SHIM				
	D	d	L						
SSCC-6322254	63	25.4	50	3	—	—	TP..2204	CSB-8018	L-5
SSCC-8022254	80	25.4		4	CST-42SE	ST307-55 M3.0			
SSCC-1002231	100	31.75		5					

Shell Cutter(Shank type)

SSC



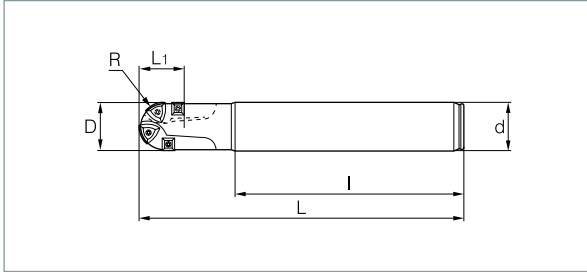
- WELDON SHANK TYPE

INSERT TYPE → [TAEGU-TEC 외](#)

Part No.	치수(Dimensions)mm							
	D	d	L	l				
SSC-D504222-200	50	42	200	50	3	TP... 2204	TP22	L-5
SSC-D504222-250	50		250					
SSC-D634222-200	63		200					
SSC-D634222-250	63		250					
SSC-D634222-300	63		300					

Ball Cutter

BMCC



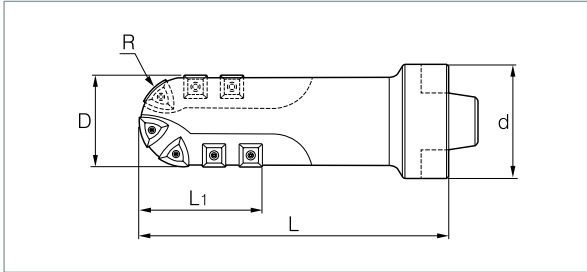
- WELDON SHANK TYPE

INSERT TYPE → [WALTER](#), [TAEGU-TEC](#), [WIDIN](#)

Part No.	치수(Dimensions)mm							NO.OFF INSERT		NO.OFF INSERT		
	R	D	d	L	I	L1						
BMCC-R1020135	10	20	20	135	90	20.5	P26315-R10 RBMX 20-M	2	P28415-00 SPMT060308		ST2553-55 M2.5	TX-8
BMCC-R1020170	10	20	20	170	125	20.5						
BMCC-R1020200	10	20	20	200	155	20.5						
BMCC-R1225140	12,5	25	25	140	90	23	P26315-R12 RBMX 25-M					
BMCC-R1225170	12,5	25	25	170	120	23						
BMCC-R1225200	12,5	25	25	200	150	23						
BMCC-R1225250	12,5	25	25	250	200	23						
BMCC-R1225300	12,5	25	25	300	250	23	P26315-R15 RBMX 30-M					
BMCC-R1532150	15	30	32	150	80	30,5						
BMCC-R1532200	15	30	32	200	120	30,5						
BMCC-R1532250	15	30	32	250	150	30,5						
BMCC-R1532300	15	30	32	300	250	30,5	P26315-R16 RBMX 32-M					
BMCC-R1632150	16	32	32	150	80	31,5						
BMCC-R1632200	16	32	32	200	120	31,5						
BMCC-R1632250	16	32	32	250	150	31,5						
BMCC-R1632300	16	32	32	300	250	31,5	P26315-R20 RBMX 40-M					
BMCC-R2042150	20	40	42	150	80	39,5						
BMCC-R2042200	20	40	42	200	80	39,5	RBMX 50-M	3	CSM1208 SP..1204		ST511-43 M5	TX-20
BMCC-R2542150	25	50	42	150	80	49,5						
BMCC-R2542200	25	50	42	200	85	49,5						
BMCC-R2542250	25	50	42	250	85	49,5						
BMCC-R2550,8200	25	50	50,8	200	100	67						
BMCC-R2550,8250	25	50	50,8	250	100	67						

Ball Cutter

BMCC-MD

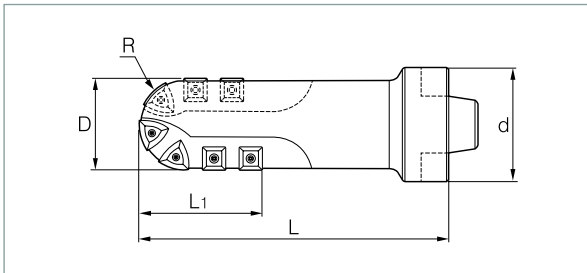


- WELDON SHANK TYPE

INSERT TYPE → [WALTER](#), [TAEGU-TEC](#), [WIDIN](#)

Part No.	치수(Dimensions)mm						NO.OFF INSERT		NO.OFF INSERT		
	R	D	d	L	L1						
BMCC-R2563140	25	50	63	140	67	RBEX 50M RBMX 50-M	3	SP..1204	4	ST511-43 M5	TX-20
BMCC-R2563170			63	170	67						
BMCC-R2563170-SP			63	170	87						
BMCC-R2563200			63	200	87						
BMCC-R2563250			63	250	87				6		
BMCC-R2580300			80	300	87						
BMCC-R2580350			80	350	87						

BPUX



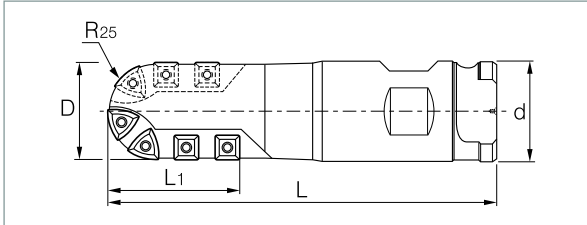
- WELDON SHANK TYPE

INSERT TYPE → [HITACHI](#), [WIDIN](#)

Part No.	치수(Dimensions)mm						NO.OFF INSERT		NO.OFF INSERT		
	R	D	d	L	L1						
BPUX-R2563140	25	50	63	140	67	YPNW25006S YPMT25006S	3	SPMT120408	4	912-141 M6 ST511-43 M5	TX-25 TX-20
BPUX-R2563170				170							
BPUX-R2563200				200							
BPUX-R2563250				250							

Ball Cutter

BPUX

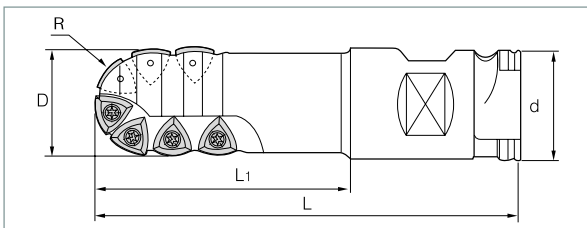


- WELDON SHANK TYPE

INSERT TYPE → [HITACHI, WIDIN](#)

Part No.	치수(Dimensions)mm						NO.OFF INSERT		NO.OFF INSERT		
	R	D	d	L	L1						
BPUX-R2550.8200	25	50	50.8	200	67		3		4		
BPUX-R2550.8250				250							
BPUX-R2550.8300				300							
						YPNW25006S YPMT25006S		SPMT120408		912-141 M6 ST511-43 M5	TX-25 TX-20

WRMC-T

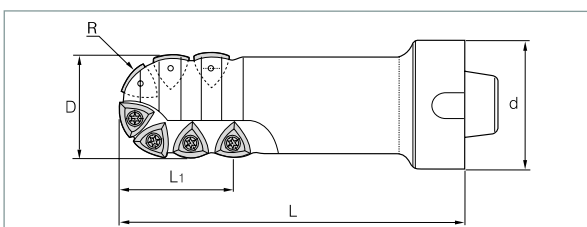


- WELDON SHANK TYPE

INSERT TYPE → [TAEGU-TEC, WIDIN](#)

Part No.	치수(Dimensions)mm					NO.OFF INSERT			
	R	D	d	L	L1				
WRMC-R2550.8200-T	25	50	50.8	200	100	7			
WRMC-R2550.8250-T				250	150				
WRMC-R2550.8300-T				300	200				
							RBMX50-M	ST511-43	TX-20

WRMC-T



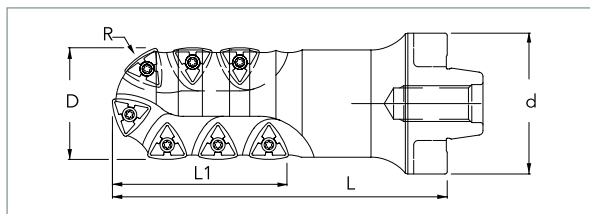
- MODULAR SHANK TYPE

INSERT TYPE → [TAEGU-TEC, WIDIN](#)

Part No.	치수(Dimensions)mm					NO.OFF INSERT			
	R	D	d	L	L1				
WRMC-R2563140-T	25	50	63	140	65	7			
WRMC-R2563170-T				170					
WRMC-R2563200-T				200					
							RBMX50-M	ST511-43	TX-20

Ball Cutter

TRMC

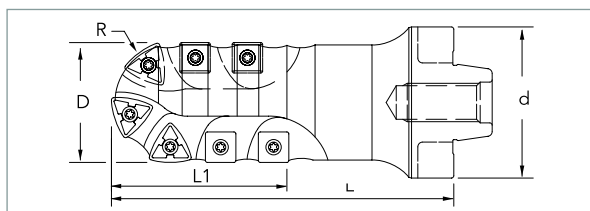


- MODULAR SHANK TYPE

INSERT TYPE → **TAEGU-TEC**

Part No.	치수(Dimensions)mm						NO.OFF INSERT		
	R	D	d	L	L1				
TRMC-R2563140	25	50	63	140	77	6RBE-50M	7	ST511-43 M5	TX-20
TRMC-R2563170				170					
TRMC-R2563200				200					

TRMS



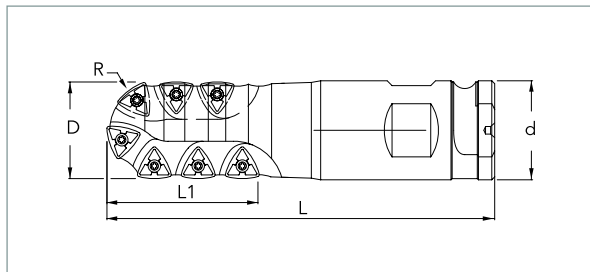
- MODULAR SHANK TYPE

INSERT TYPE → **TAEGU-TEC**

Part No.	치수(Dimensions)mm						NO.OFF INSERT		NO.OFF INSERT		
	R	D	d	L	L1						
TRMS-R2563140	25	50	63	140	67	6RBE-50M	3	SP...1204	4	ST511-43 M5	TX-20
TRMS-R2563170				170							
TRMS-R2563200				200							

Ball Cutter

TRMC

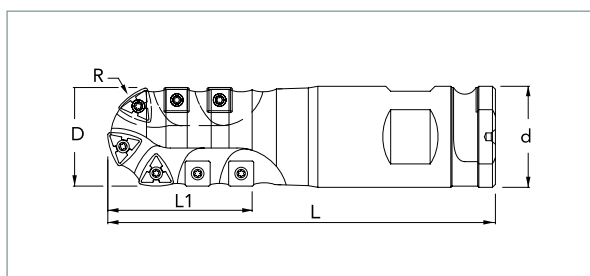


- WELDON SHANK TYPE

INSERT TYPE → [TAEGU-TEC](#)

Part No.	치수(Dimensions)mm						NO.OFF INSERT		
	R	D	d	L	L1				
TRMC-R2550.8200	25	50	50.8	200	77	6RBE-50M	7	ST511-43 M5	TX-20
TRMC-R2550.8250				250					
TRMC-R2550.8300				300					

TRMS



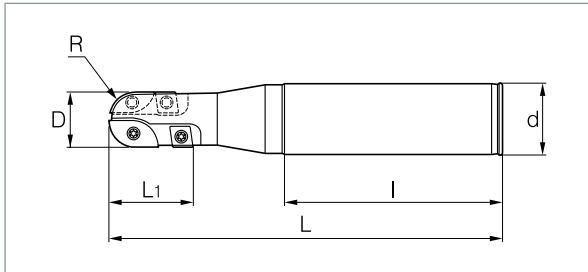
- WELDON SHANK TYPE

INSERT TYPE → [TAEGU-TEC](#)

Part No.	치수(Dimensions)mm						NO.OFF INSERT		NO.OFF INSERT		
	R	D	d	L	L1						
TRMS-R2550.8200	25	50	50.8	200	67	6RBE-50M	3	SP..1204	4	ST511-43 M5	TX-20
TRMS-R2550.8250				250							
TRMS-R2550.8300				300							

Ball Cutter

BWSF

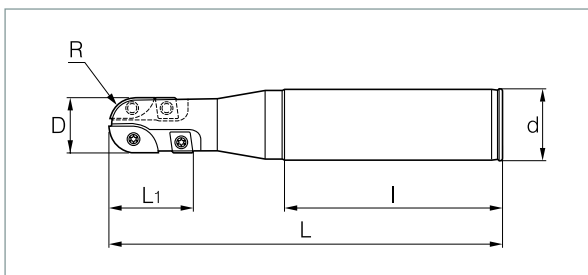


- WELDON SHANK TYPE

INSERT TYPE → [WALTER](#)

Part No.	치수(Dimensions)mm						NO.OFF INSERT				
	R	D	d	L	I	L1					
BWSF-R1020160	10	20	20	160	95	28	4	XD..16T3100R	SP..0603	ST3072-60H M3 ST2553-55 M2.5	TX-8
BWSF-R1020200	10	20	20	200	130	28				ST4101-60W M4 ST2553-55 M2.5	TX-15 TX-8
BWSF-R1225160	12.5	25	25	160	95	32		XD..2004125R	SP..09T3	ST512-63P M5 ST4084-60 M4	TX-20 TX-15
BWSF-R1225200	12.5	25	25	200	130	32					
BWSF-R1532180	15	30	32	180	109	42		XD..2405150R	SP..09T3		
BWSF-R1532250	15	30	32	250	150	42					
BWSF-R1632180	16	32	32	180	100	43	XD..2506160R	SP..09T3	SPMT 09T3		
BWSF-R1632250	16	32	32	250	150	43					

BWSC



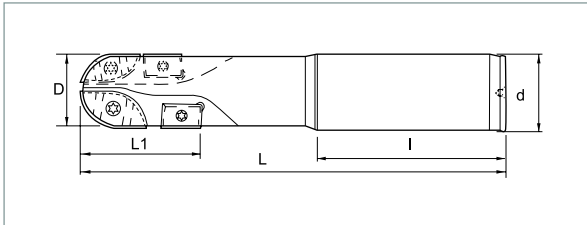
- WELDON SHANK TYPE

INSERT TYPE → [WALTER](#)

Part No.	치수(Dimensions)mm						NO.OFF INSERT				
	R	D	d	L	I						
BWSC-R1020160	10	20	20	160	95	4	XDMT 16T3100R	SPMT 0603	ST3072-60H M3 ST2553-55 M2.5	TX-8	
BWSC-R1020200	10	20	20	200	130						
BWSC-R1225160	12.5	25	25	160	95		XDMT 2004125R	SPMT 09T3	ST4101-60W M4 ST2553-55 M2.5	TX-15 TX-8	
BWSC-R1225200	12.5	25	25	200	130						
BWSC-R1532180	15	30	32	180	109		XDMT 2405150R	SPMT 09T3	ST512-63P M5 ST4084-60 M4	TX-20 TX-15	
BWSC-R1532250	15	30	32	250	150						
BWSC-R1632180	16	32	32	180	100	XDMT 2506160R	XDMT 2506160R	SPMT 09T3			
BWSC-R1632250	16	32	32	250	150						

Ball Cutter

SRM

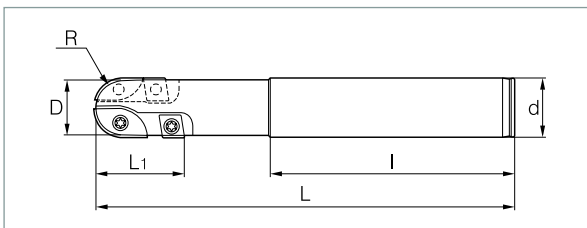


- WELDON SHANK TYPE

INSERT TYPE → [MITSUBISHI](#)

Part No.	치수(Dimensions)mm						안쪽날	바깥날	외경날		
	R	D	d	L	I	L1					
SRM-R0816200-2F	8	16	16	200	150	30	SR.16C	SR.16E	APMT 1135	ST2553-55 M2,5	TX-8
SRM-R1020200-4F	10	20	20	200	140	30	SR.20C	SR.20E		ST3072-60H M3 ST2553-55 M2,5	TX-8
SRM-R1225200-4F	12,5	25	25	200	130	37	SR.25C	SR.25E		ST4101-60W M4 ST2553-55 M2,5	TX-15 TX-8
SRM-R1225250-4F	12,5	25	25	250	130	37					
SRM-R1532200-4F	15	30	32	200	100	44	SR.30C	SR.30E	APMT 1604	TSB-263141 M5 ST4084-60 M4	TX-20 TX-15
SRM-R1532250-4F	15	30	32	250	150	44					
SRM-R1532300-4F	15	30	32	300	250	44					

BHSF



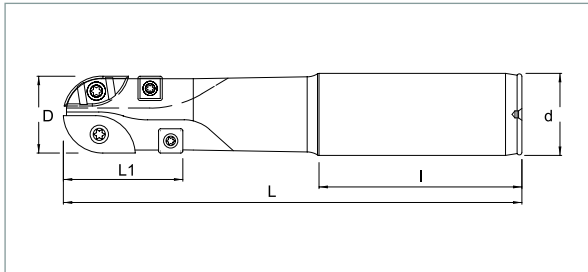
- WELDON SHANK TYPE

INSERT TYPE → [HITACHI](#)

Part No.	치수(Dimensions)mm						안쪽날	바깥날	외경날		
	R	D	d	L	I	L1					
BHSF-R0816200	8	16	16	200	150	15	ZCET080CE	ZCET080SE		ST2553-55 M2,5	TX-8
BHSF-R1020160	10	20	20	160	100	30	ZCE,100CE	ZCE,100SE	CPMT 080204	ST3072-60H M3 ST2553-55 M2,5	
BHSF-R1020200	10	20	20	200	140	30					
BHSF-R1225200	12,5	25	25	200	130	37	ZCE,125CE	ZCE,125SE	CPMT 090308	ST4101-60W M4 ST408-43 M4	TX-15
BHSF-R1225250	12,5	25	25	250	170	37					
BHSF-R1532200	15	30	32	200	100	44	ZCE,150CE	ZCE,150SE		TSB-263141 M5 ST408-43 M4	TX-20 TX-15
BHSF-R1532250	15	30	32	250	100	44					
BHSF-R1532300	15	30	32	300	250	44					
BHSF-R1632200	16	32	32	200	100	44	ZCE,160CE	ZCE,160SE			
BHSF-R1632250	16	32	32	250	200	44					
BHSF-R1632300	16	32	32	300	250	44					

Ball Cutter

GBEC



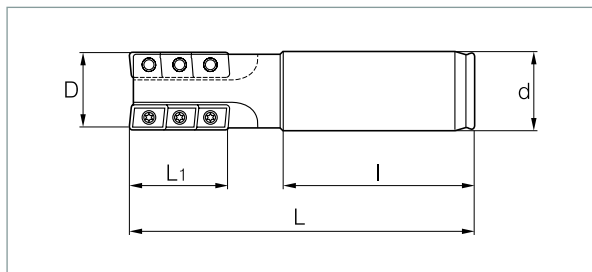
- WELDON SHANK TYPE

INSERT TYPE → **KORLOY, WIDIN**

Part No.	치수(Dimensions)mm						안쪽날	바깥날	외주날		
	R	D	d	L	I	L1					
GBEC-R0816200-2F	8	16	16	200	150	15	ZPET080M	ZPET080S		ST2553-55 M2.5	TX-8
GBEC-R1020200-4F	10	20	20	200	140	28	ZPET100M	ZPET100S	SPMT 060304	ST3072-60H M3 ST2553-55 M2.5	TX-8
GBEC-R1225200-4F	12.5	25	25	200	130	33	ZPET125M	ZPET125S		ST4101-60W M4 ST2553-55 M2.5	TX-8 TX-15
GBEC-R1225250-4F	12.5	25	25	250	130	33					
GBEC-R1532200-4F	15	30	32	200	100	41	ZPET150M	ZPET150S	SPMT 090308	TSB-263141 M5 ST4084-60 M4	TX-15 TX-20
GBEC-R1532250-4F	15	30	32	250	150	41					
GBEC-R1532300-4F	15	30	32	300	250	41					

Helical Cutter

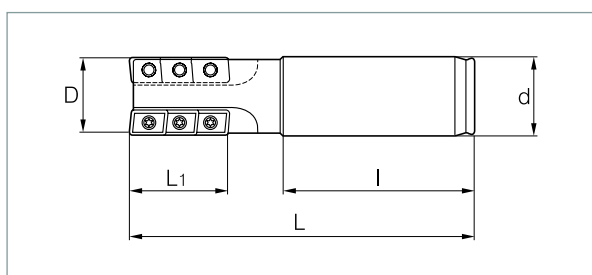
HESC



- WELDON SHANK TYPE

INSERT TYPE → **WALTER**

Part No.	치수(Dimensions)mm							NO.OFF INSERT		
	D	d	L	I	L1					
HESC-3216120-W	32	32	120	60	40	2	ADMT160608R	6	ST4084-60 M4	TX-15
HESC-3216150-W	32	32	150	60	67			10		
HESC-4016135-W	40	32	135	80	40	3		12	ST4101-60W M4	
HESC-4016160-W	40	32	160	80	67			15		
HESC-5016170-W	50	42	170	80	67			15		
HESC-501650.8220-W	50	50.8	220	80	67			15		



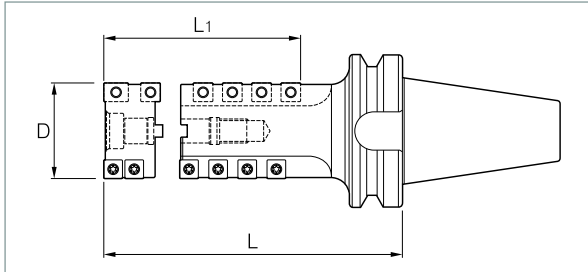
- WELDON SHANK TYPE

INSERT TYPE → **TAEGU-TEC, SECO, KORLOY, WIDIN**

Part No.	치수(Dimensions)mm							NO.OFF INSERT		
	D	d	L	I	L1					
HESC-3216120	32	32	120	60	42	2	AP...1604	6	ST4084-60 M4	TX-15
HESC-3216150	32	32	150	60	70			10		
HESC-4016135	40	32	135	60	56	3		12	ST4101-60W M4	
HESC-4016160	40	32	160	70	70			15		
HESC-5016170	50	42	170	80	70			15		
HESC-501650.8220	50	50.8	220	80	112			24		

Helical Cutter

HMCC-BT

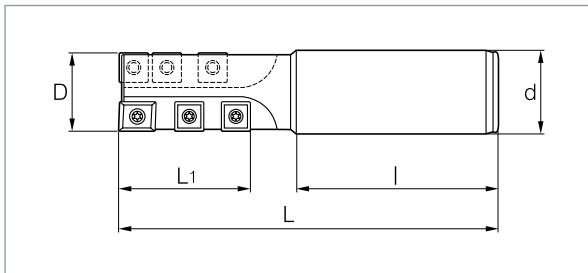


- MODULAR SHANK TYPE

INSERT TYPE → [WALTER](#), [TAEGU-TEC](#), [WIDIN](#)

Part No.	치수(Dimensions)mm					NO.OFF INSERT		NO.OFF INSERT			
	D	L	L1								
HMCC-BT5050185	50	185	110	4	APMT 1504T-WT	2	SPMT1204	22	FPB 5024	ST511-43 M5	TX-20
HMCC-BT5050205	50	205	130					26			
HMCC-BT5050235	50	235	160					32			
HMCC-BT5050255	50	255	180					36			
HMCC-BT5063165	63	169	90		18			FPB 6334			
HMCC-BT5063195	63	195	120		24						
HMCC-BT5063225	63	225	150		30						
HMCC-BT5063265	63	265	190		38						
HMCC-BT5063390	63	390	220		44						

HNCC



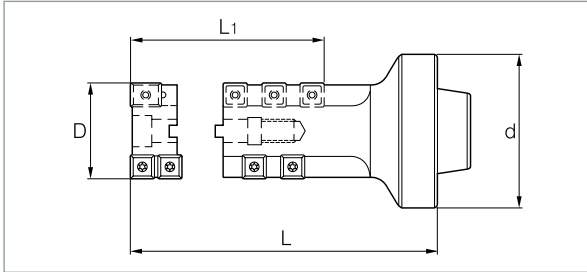
- WELDON SHANK TYPE

INSERT TYPE → [WALTER](#), [TAEGU-TEC](#), [WIDIN](#)

Part No.	치수(Dimensions)mm					NO.OFF INSERT					
	D	d	L	I	L1						
HNCC-2025110	20	25	110	65	32	1 / 6	2	P27215-00	P28415-00 (SP..0603)	ST2553-55 M2.5	TX-8
HNCC-2525120	25	25	120	75	32	1 / 6					
HNCC-3232150	32	32	150	75	42	1 / 5	4				
HNCC-4032155	40	32	155	75	50	2 / 12		P27215-3	P28415-0 (SD..0903)	ST408-43 M4	TX-15
HNCC-4042165	40	42	165	85	50	2 / 12					
HNCC-5042170	50	42	170	85	56	2 / 10		ZPMT1504-WM	(SP..1204)	ST511-43 M5	TX-20
HNCC-5050.8200	50	50.8	200	85	76	2 / 14					

Helical Cutter

HMCC-MD

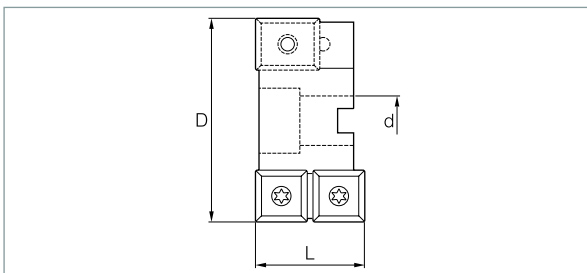


- MODULAR SHANK TYPE

INSERT TYPE → [WALTER](#), [TAEGU-TEC](#), [WIDIN](#)

Part No.	치수(Dimensions)mm						NO.OFF INSERT		NO.OFF INSERT			
	D	d	L	L1								
HMCC-5080135	50	80	135	76	4	APMT 1504T-WT ZPMT 1504-WM	2	SPMT1204	14	FPB 5024	ST511-43 M5	TX-20
HMCC-5080155	50	80	155	96					18			
HMCC-5080185	50	80	185	126					24			
HMCC-5080205	50	80	205	146					28			
HMCC-6380135	63	80	135	86					16	FPB 6334		
HMCC-6380165	63	80	165	114					22			
HMCC-6380195	63	80	195	146					28			
HMCC-6380235	63	80	235	186					36			
HMCC-8080155	80	80	155	106	6	3	30	FPB8034				

FPCC



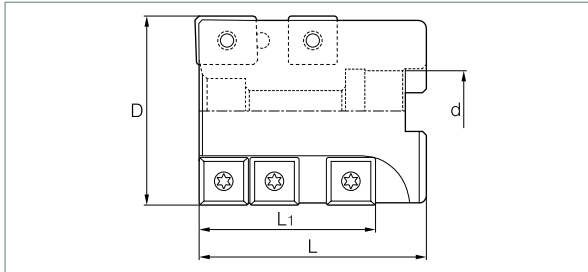
- BORE MOUNTED TYPE

INSERT TYPE → [WALTER](#), [TAEGU-TEC](#), [WIDIN](#)

Part No.	치수(Dimensions)mm					NO.OFF INSERT		NO.OFF INSERT			
	D	d	L								
FPCC-5024	50	12.5	24	4	APMT 1504T-WT ZPMT 1504-WM	2	SPMT1204	4	FPB5024	ST511-43 M5	TX-20
FPCC-5055	50	12.5	50					10	FPB5050		
FPCC-5424	54	12.5	24					4	FPB5024		
FPCC-5455	54	12.5	50					10	FPB5050		
FPCC-6334	63	16.5	34					6	FPB6334		
FPCC-6365	63	16.5	65	12		FPB6365					
FPCC-8034	80	18.0	34	6		3		9	FPB8034		

Shell Mill Cutter

SMCC

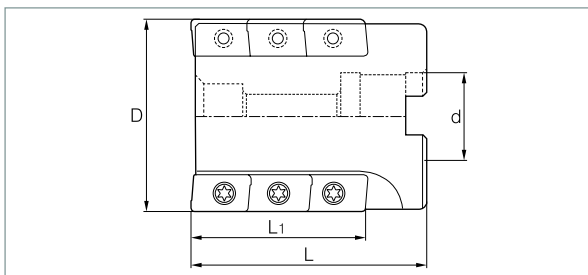


- BORE MOUNTED TYPE

INSERT TYPE → [WALTER](#), [TAEGU-TEC](#), [KORLOY](#), [WIDIN](#)

Part No.	치수(Dimensions)mm					NO.OFF INSERT			
	D	d	L	L1					
SMCC-5022060	50	22	60	34	4	2/6	APMT1504T-WT ZPMT1504-WM	SP..1204	ST511-43 M5
SMCC-6327060	63	27	60	34	4	2/6			
SMCC-8032080	80	32	80	67	6	3/18			

SECC



- BORE MOUNTED TYPE

INSERT TYPE → [TAEGU-TEC](#), [SECO](#), [KORLOY](#), [WIDIN](#)

Part No.	치수(Dimensions)mm					NO.OFF INSERT			
	D	d	L	L1					
SECC-502255	50	22	55	42	3	9	AP..1604	ST4101-60W M4	TX-15
SECC-632763	63	27	63	42	4	12			
SECC-803285	80	32	85	70	5	25			

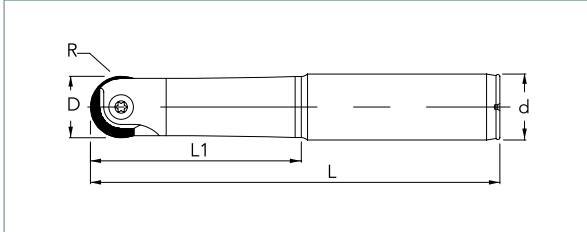
- BORE MOUNTED TYPE

INSERT TYPE → [WALTER](#)

Part No.	치수(Dimensions)mm					NO.OFF INSERT			
	D	d	L	L1					
SECC-502255-W	50	22	55	42	3	9	ADMT160608R	ST4101-60W M4	TX-15
SECC-632763-W	63	27	63	42	4	12			
SECC-803285-W	80	32	85	70	5	25			

Ball Cutter Finishing

BFCC

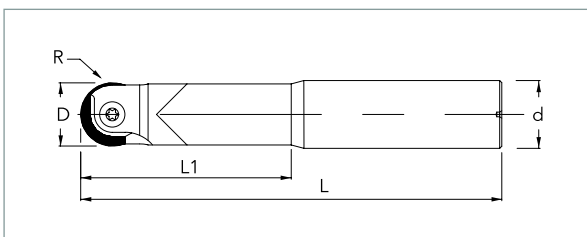


- WELDON SHANK TYPE

INSERT TYPE → [WIDIN](#), [WALTER](#)

Part No.	치수(Dimensions)mm							
	R	D	d	L	L1			
BFCC-R0612150	6	12	12	150	35	P32..D12	FS-391	TX-15
BFCC-R0612180	6	12	12	180	35			
BFCC-R0816160	8	16	16	160	50			
BFCC-R0816200	8	16	16	200	50	P32..D16	FS-392	TX-15
BFCC-R1020200	10	20	20	200	70			
BFCC-R1020250	10	20	20	250	70			
BFCC-R1225200	12.5	25	25	200	80	P32..D25	FS-394	TX-20
BFCC-R1225250	12.5	25	25	250	80			
BFCC-R1532200	15	30	32	200	100	P32..D30	FS-395	TX-30
BFCC-R1532250	15	30	32	250	100			
BFCC-R1532300	15	30	32	300	100			

C-BFCC



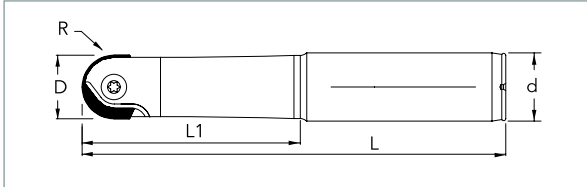
- CARBIDE SHANK TYPE

INSERT TYPE → [WIDIN](#), [WALTER](#)

Part No.	치수(Dimensions)mm							
	R	D	d	L	L1			
C-BFCC-R0510150	5	10	10	150	25	P32..D10	FS-90	TX-15
C-BFCC-R0612165	6	12	12	165	35	P32..D12	FS-391	
C-BFCC-R0612200	6	12	12	200	35	SP3204 D12		
C-BFCC-R0816200	8	16	16	200	50	P32..D16	FS-392	
C-BFCC-R0816250	8	16	16	250	50	SP3204 D16		
C-BFCC-R1020220	10	20	20	220	70	P32..D20	FS-393	TX-20
C-BFCC-R1020300	10	20	20	300	70	SP3204 D20		
C-BFCC-R1225200	12.5	25	25	200	80	P32..D25 SP3204 D25	FS-394	
C-BFCC-R1225250	12.5	25	25	250	80			
C-BFCC-R1225300	12.5	25	25	300	80			
C-BFCC-R1532250	15	30	32	250	100	P32..D30	FS-395	TX-30
C-BFCC-R1532300	15	30	32	300	100	SP3204 D30		

Ball Cutter Finishing

ABPF

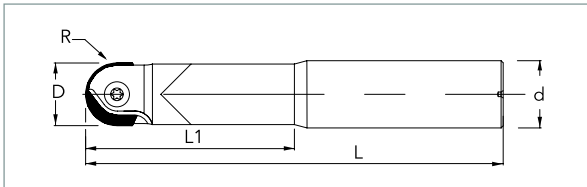


- WELDON STEEL SHANK

INSERT TYPE → [HITACHI](#), [WIDIN](#)

Part No.	치수(Dimensions)mm							
	R	D	d	L	L1			
ABPF-R0816160	8	16	16	160	45	ZPFG 160	TSB-5844	T-20
ABPF-R0816200	8	16	16	200	45			
ABPF-R1020200	10	20	20	200	70	ZPFG 200	TSB-5845	T-25
ABPF-R1020250	10	20	20	250	70			
ABPF-R1225200	12,5	25	25	200	80	ZPFG 250	TSB-5846	T-30
ABPF-R1225250	12,5	25	25	250	80			
ABPF-R1532200	15	30	32	200	100	ZPFG 300	TSB-5847	
ABPF-R1532250	15	30	32	250	100			
ABPF-R1532300	15	30	32	300	100			
ABPF-R1532350	15	30	32	350	100			

C-ABPF



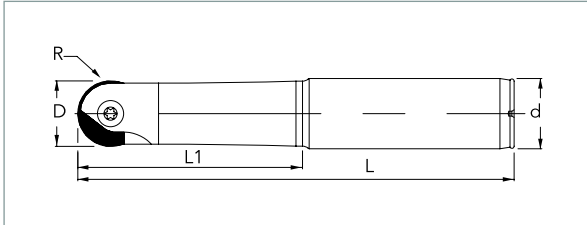
- CARBIDE SHANK TYPE

INSERT TYPE → [HITACHI](#), [WIDIN](#)

Part No.	치수(Dimensions)mm							
	R	D	d	L	L1			
C-ABPF-08S08x25x135L	4	08	08	135	25	ZPFG 080	TSB-5841	TX-10
C-ABPF-10S10x25x150L	5	10	10	150	25	ZPFG 100	TSB-5842	
C-ABPF-10S10x25x180L	5	10	10	180	25			
C-ABPF-10S10x25x200L	5	10	10	200	25			
C-ABPF-12S12x35x165L	6	12	12	165	35	ZPFG 120	TSB-5843	TX-20
C-ABPF-12S12x35x200L	6	12	12	200	35	ZPFG 160	TSB-5844	
C-ABPF-16S16x50x200L	8	16	16	200	50			
C-ABPF-16S16x50x250L	8	16	16	250	50			
C-ABPF-20S20x70x220L	10	20	20	220	70	ZPFG 200	TSB-5845	TX-25
C-ABPF-20S20x70x250L	10	20	20	250	70			
C-ABPF-20S20x70x300L	10	20	20	300	70			
C-ABPF-25S25x100x200L	12.5	25	25	200	100	ZPFG 250	TSB-5846	
C-ABPF-25S25x100x250L	12.5	25	25	250	100			
C-ABPF-25S25x100x300L	12.5	25	25	300	100			
C-ABPF-30S32x100x250L	15	30	32	250	100	ZPFG 300	TSB-5847	
C-ABPF-30S32x100x300L	15	30	32	300	100			
C-ABPF-30S32x100x350L	15	30	32	350	100			
C-ABPF-30S32x100x400L	15	30	32	400	100			

Ball Cutter Finishing

SRFH

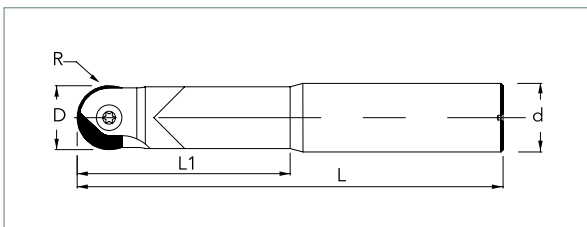


- WELDON SHANK TYPE

INSERT TYPE → [DIJET](#), [MITSUBISHI](#), [KORLOY](#), [WIDIN](#)

Part No.	치수(Dimensions)mm							
	D	R	d	L	L1			
SRFH-R0816160	16	8	16	160	45	SRFT 16 LBH 160~170	FSW-4013	TX-15
SRFH-R0816200	16	8	16	200	45			
SRFH-R1020200	20	10	20	200	70	SRFT 20 LBH 200~210	FSW-5016	TX-20
SRFH-R1020250	20	10	20	250	70			
SRFH-R1225200	25	12.5	25	200	100	SRFT 25 LBH 250~260	FSW-6020	TX-30
SRFH-R1225250	25	12.5	25	250	100			
SRFH-R1532200	30	15	32	200	100	SRFT 30 LBH 300~320	FSW-8025	TX-40
SRFH-R1532250	30	15	32	250	100			
SRFH-R1532300	30	15	32	300	100			

C-SRFH



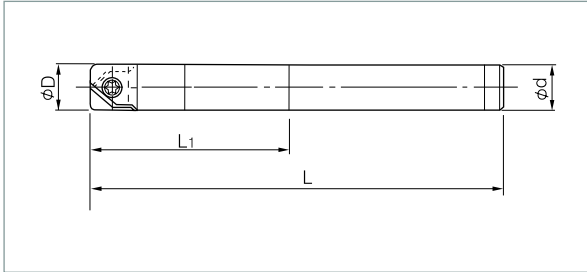
- CARBIDE SHANK TYPE

INSERT TYPE → [DIJET](#), [MITSUBISHI](#), [KORLOY](#), [WIDIN](#)

Part No.	치수(Dimensions)mm							
	R	D	d	L	L1			
C-SRFH-R0408135	4	08	08	135	25	ZPFG 080 LBH 08	FSW-2506	TX-07
C-SRFH-R0510150	5	10	10	150	25	ZPFG 100 LBH 10	FSW-3007	TX-08
C-SRFH-R0612165	6	12	12	165	35	ZPFG 120 LBH 120~130	FSW-3509	TX-10
C-SRFH-R0612200	6	12	12	200	35			
C-SRFH-R0816200	8	16	16	200	50	ZPFG 160 LBH 160~170	FSW-4013	TX-15
C-SRFH-R0816250	8	16	16	250	50			
C-SRFH-R1020220	10	20	20	220	70	ZPFG 200 LBH 200~210	FSW-5016	TX-20
C-SRFH-R1020250	10	20	20	250	70			
C-SRFH-R1020300	10	20	20	300	70			
C-SRFH-R1225200	12.5	25	25	200	100	ZPFG 250 LBH 250~260	FSW-6020	TX-30
C-SRFH-R1225250	12.5	25	25	250	100			
C-SRFH-R1225300	12.5	25	25	300	100			
C-SRFH-R1532250	15	30	32	250	100	ZPFG 300 LBH 300~320	FSW-8025	TX-40
C-SRFH-R1532300	15	30	32	300	100			

Ball Cutter Finishing

C-RMMC



- CARBIDE SHANK TYPE

INSERT TYPE → [DIJET](#), [MITSUBISHI](#), [WIDIN](#)

Part No.	치수(Dimensions)mm						
	D	d	L	L1			
C-RMMC-1212165	12	12	165	35	RMMC-120 LRH-120~130	FSW-3509	TX-10
C-RMMC-1212200	12	12	200	35			
C-RMMC-1616160	16	16	160	40	RMMC-160 LRH-160~170	FSW-4013	TX-15
C-RMMC-1616200	16	16	200	40			
C-RMMC-2020200	20	20	200	45	RMMC-200 LRH-200~210	FSW-5016	TX-20
C-RMMC-2020250	20	20	250	45			
C-RMMC-2525200	25	25	200	50	RMMC-250 LRH-250~260	FSW-6020	TX-30
C-RMMC-2525250	25	25	250	50			
C-RMMC-3032200	30	32	200	50	RMMC-300 LRH-300	FSW-8025	TX-40
C-RMMC-3032250	30	32	250	50			
C-RMMC-3032300	30	32	300	50	RMMC-320 LRH-320~330	FSW-8025	TX-40
C-RMMC-3232200	32	32	200	50			
C-RMMC-3232250	32	32	250	50			
C-RMMC-3232300	32	32	300	50			

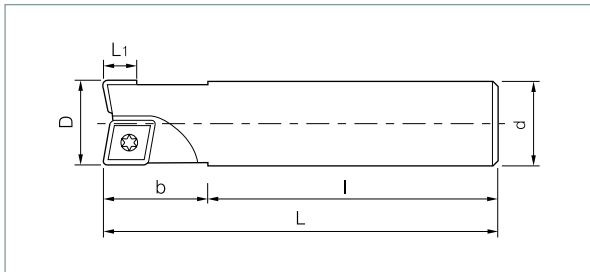
- WELDON SHANK TYPE

INSERT TYPE → [DIJET](#), [MITSUBISHI](#), [WIDIN](#)

Part No.	치수(Dimensions)mm						
	D	d	L	L1			
RMMC-1212165	12	12	150	35	RNM-120 LRH-120~130	FSW-3509	TX-10
RMMC-1212200	12	12	180	35			
RMMC-1616160	16	16	160	40	RNM-160 LRH-160~170	FSW-4013	TX-15
RMMC-1616200	16	16	200	40			
RMMC-2020200	20	20	200	45	RNM-200 LRH-200~210	FSW-5016	TX-20
RMMC-2020250	20	20	250	45			
RMMC-2525200	25	25	200	50	RNM-250 LRH-250~260	FSW-6020	TX-30
RMMC-2525250	25	25	250	50			
RMMC-3032200	30	32	200	50	RNM-300 LRH-300	FSW-8025	TX-40
RMMC-3032250	30	32	250	50			
RMMC-3032300	30	32	300	50			
RMMC-3232200	32	32	200	50	RNM-320 LRH-320~330	FSW-8025	TX-40
RMMC-3232250	32	32	250	50			
RMMC-3232300	32	32	300	50			

Multi Mill Cutter

AJUL

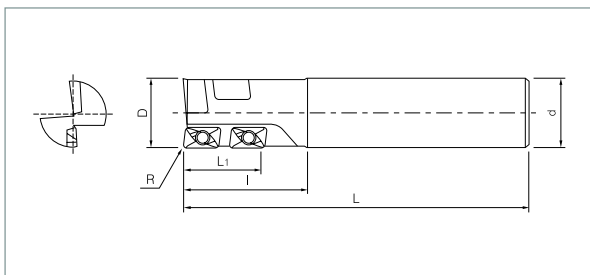


- WELDON SHANK TYPE

INSERT TYPE → [HITACHI](#)

ITEM CODE	NO.OFF INSERTS	치수(Dimensions)mm						INSERTS SED
		D	L	d	L1	b	l	
AJUL-1616175	2	16	175	16	6	40	135	CCMT06204, CPMT080204Z
AJUL-2020185	2	20	185	20	6	50	135	CPMT06204, CPMT090204Z
AJUL-2525220	2	25	220	25	9	70	150	CPMT090308, CPMT120308Z
AJUL-3232230	2	32	230	32	12	80	150	CPMT120408, 120430 CPMT160408, 160430Z
AJUL-4032240	2	40	240	32	15	50	190	CPMT160408Z, 160430Z CPMT190408Z, 190430Z
AJUL-5042250	2(3)	50	250	42	12	50	200	CPMT090308 CPMT120408, 120430 CPMT160408Z, 160430Z

AJSL



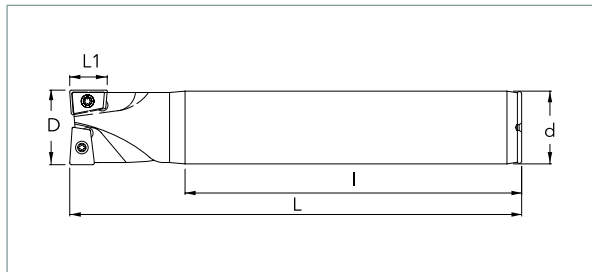
- WELDON SHANK TYPE

INSERT TYPE → [HITACHI](#)

ITEM CODE		NO.OFF INSERTS		치수(Dimensions)m					INSERTS USED NOTE	
		END	PERIPHERY	D	L	L1	l	d	ON END	ON PERIPHERY
Long Shank	AJSL-16R 175	1	3	16	175	16	50	16	ADMT080308L	APMT090208R
	AJSL-17R 175			17	175	16	30	16		
	AJSL-20R 185			20	185	20	60	20	ADMT1003○○L	ACMT1003○○R
	AJSL-21R 185			21	185	20	35	20		
	AJSL-25R 220			25	220	25	75	25	ADMT12T3○○L	APMT12T3○○R
	AJSL-26R 220			26	220	25	40	25		
	AJSL-32R 230			32	230	32	90	32	APMT1604○○L	APMT1504○○R
	AJSL-33R 230			33	230	32	50	32		
	AJSL-35R 230			35	230	35	50	32	APMT1704○○L	
	AJSL-40R 240		4	40	240	40	55	32	APMT1905○○L	
	AJSL-50R 250		6	50	250	50	70	42	APMT2505○○L	

Finishing EndMill Cutter

AQXC



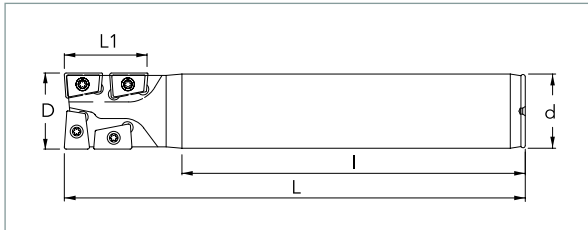
- WELDON SHANK TYPE

INSERT TYPE → [WIDIN](#)

Part No.	치수(Dimensions)mm								
	D	d	L1	L	I				
AQXC-1616200-2F	12	16	7.4	200	150	2	QOMT0830R	ST2043-60H	TX-6
AQXC-1716200-2F	17	16	7.4	200	170				
AQXC-2020200-2F	20	20	9.2	200	145		QOMT1035R	ST2553-55 M2.5	TX-8
AQXC-2120200-2F	21	20	9.2	200	160				
AQXC-2120250-2F	21	20	9.2	250	210				
AQXC-2120300-2F	21	20	9.2	300	260				
AQXC-2525200-2F	25	25	11.5	200	135		QOMT1342R	ST3072-60H M3	
AQXC-2525250-2F	25	25	11.5	250	185				
AQXC-2625200-2F	26	25	11.5	200	160				
AQXC-2625250-2F	26	25	11.5	250	210				
AQXC-2625300-2F	26	25	11.5	300	260		QOMT1651R	ST4084-60 M4	TX-15
AQXC-3232200-2F	32	32	14.5	200	100				
AQXC-3232250-2F	32	32	14.5	250	160				
AQXC-3332200-2F	33	32	14.5	200	150				
AQXC-3332250-2F	33	32	14.5	250	200		QOMT2062R	ST511-60H	TX-25
AQXC-3332300-2F	33	32	14.5	300	250				
AQXC-4032200-2F	40	32	18	200	130				
AQXC-4032250-2F	40	32	18	250	180				

Finishing EndMill Cutter

AQXC

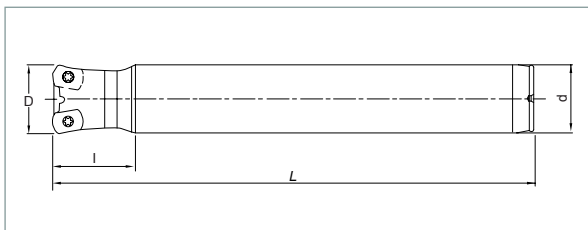


- WELDON SHANK TYPE

INSERT TYPE → [WIDIN](#)

Part No.	치수(Dimensions)mm									
	D	d	L1	L	I					
AQXC-1616200-4F	16	16	17.6	200	150	2	QOMT0830R	ST2043-60H	TX-6	
AQXC-1716200-4F	17	16	17.6	200	170			M2		
AQXC-2020200-4F	20	20	22	200	145		QOMT1035R	ST2553-55		
AQXC-2120200-4F	21	20	22	200	160			M2.5		
AQXC-2525200-4F	25	25	27.5	200	135		QOMT1342R	ST3072-60H	TX-8	
AQXC-2525250-4F	25	25	27.5	250	185					M3
AQXC-2625200-4F	26	25	27.5	200	160					
AQXC-2625250-4F	26	25	27.5	250	210					
AQXC-3232200-4F	32	32	35.2	200	110		QOMT1651R	ST4084-60	TX-15	
AQXC-3232250-4F	32	32	35.2	250	160					M4
AQXC-3332200-4F	33	32	35.2	200	150					
AQXC-3332250-4F	33	32	35.2	250	200					
AQXC-4032200-4F	40	32	44	200	130		QOMT2062R	ST511-60H	TX-25	
AQXC-4032250-4F	40	32	44	250	180					

TEBL



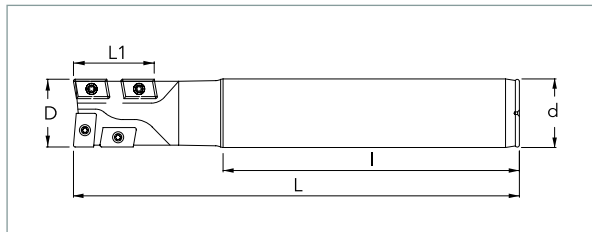
- WELDON SHANK TYPE

INSERT TYPE → [TAEGU-TEC](#)

Part No.	치수(Dimensions)mm								
	D	d	L	l					
TEBL-D16x2Fx150L	16	16	150	110	2	BLMP 0603R	ST2553-55 M2.5	TX-8	
TEBL-D16x2Fx200L			200	160					
TEBL-D17x2Fx150L	17		150	120					
TEBL-D17x2Fx200L			200	170					
TEBL-D20x3Fx150L	20	20	150	110	3				
TEBL-D20x3Fx200L			200	160					
TEBL-D21x3Fx150L	21		150	120					4
TEBL-D21x3Fx200L			200	170					
TEBL-D25x4Fx200L	25	25	200	160	5				
TEBL-D25x4Fx250L			250	210					
TEBL-D26x4Fx200L	26		200	170					
TEBL-D26x4Fx250L			250	220					
TEBL-D32x5Fx200L	32	32	200	160	6				
TEBL-D32x5Fx250L			250	210					
TEBL-D33x5Fx200L	33		200	170					
TEBL-D33x5Fx250L			250	220					

Finishing EndMill Cutter

SECL

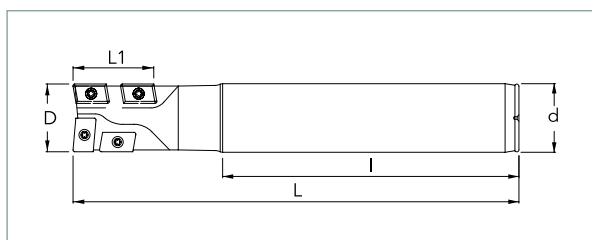


- WELDON SHANK TYPE

INSERT TYPE → **DIJET**

Part No.	치수(Dimensions)mm					NO.OFF INSERT	외경용 	NO.OFF INSERT	내경용 				
	D	d	L	L1	I								
SECL-1616200	16	16	200	16	150	1	ZDMT 08T208L	3	ZPMT 09T208R	ST22045-55 M2,2	TX-6		
SECL-1716200	17	16	200	16	160		ZDMT 100308L		ZCMT 100308R	ST2553-55 M2,5	TX-8		
SECL-2020200	20	20	200	21	140		ZDMT 13T308L		ZPMT 13T308R	ST3070-60H M3			
SECL-2120200	21	20	200	21	160								
SECL-2525200	25	25	200	27	125								
SECL-2525250	25	25	250	27	175		ZDMT 160408L		ZPMT 160408R	ST4084-60 M4	TX-15		
SECL-2625200	26	25	200	27	160								
SECL-2625250	26	25	250	27	210								
SECL-3232200	32	32	200	35	110								
SECL-3232250	32	32	250	35	160								
SECL-3232300	32	32	300	35	210								
SECL-3332200	33	32	200	35	150								
SECL-3332250	33	32	250	35	200								
SECL-3332300	33	32	300	35	250								

AHJL



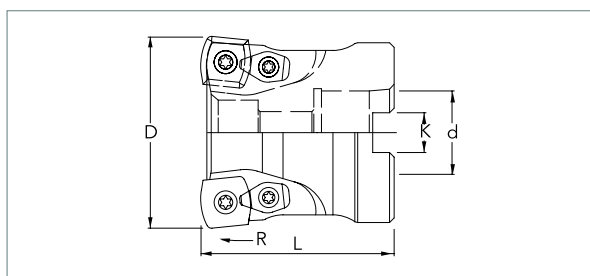
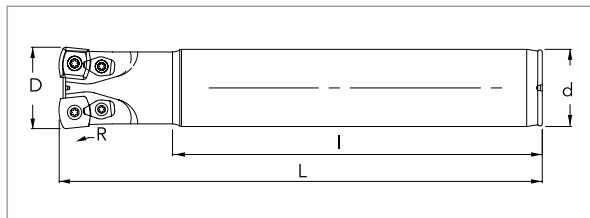
- WELDON SHANK TYPE

INSERT TYPE → **HITACHI**

Part No.	치수(Dimensions)mm								
	D	d	L	L1	I				
AHJL-16R 175-4F	16	16	175	19	130	4	JDMT08038L	TX-6	ST2043-60H M2
AHJL-17R 175-4F	17	16	175	19	138		JDMT09038R		
AHJL-20R 185-4F	20	20	185	23	135		JDMT10038L	TX-8	ST2553-55 M2.5
AHJL-21R 185-4F	21	20	185	23	145		JDMT10038R		
AHJL-25R 220-4F	25	25	220	29	165		JDMT12T308L	TX-8	ST3072-60H M3
AHJL-26R 220-4F	26	25	220	29	170		JDMT12T308R		
AHJL-32R 230-4F	32	32	230	34	160		JDMT160508L	TX-15	ST4084-60 M4
AHJL-33R 230-4F	33	32	230	34	175		JDMT150508R		

Finishing EndMill Cutter

ASRL



- WELDON SHANK TYPE

INSERT TYPE → [HITACHI](#), [WIDIN](#)

Part No.	치수(Dimensions)mm									
	D	L	d	R	I					
ASRL-2020200	20	200	20	10	150	2	EP.W0803TN-10	ST3509-55 M3,5	TX-15	CL2C 2CLCN
ASRL-2120200	21	200	20	10	150	2				
ASRL-2525200	25	200	25	10	140	2				
ASRL-2525250	25	250	25	10	190	2				
ASRL-2625200	26	200	25	10	160	2				
ASRL-2625250	26	250	25	10	210	2				
ASRL-3232200	32	200	32	15(10)	130	2	ED.W13T4TN-15(10)	ST512-63P M5	TX-20	3CLCN
ASRL-3232250	32	250	32	15(10)	180	2				
ASRL-3332200	33	200	32	15(10)	150	2				
ASRL-3332250	33	250	32	15(10)	200	2				
ASRL-3532200	35	200	32	15(10)	150	2				
ASRL-3532250	35	250	32	15(10)	200	2				
ASRL-4032200	40	200	32	15(10)	150	3				
ASRL-4032250	40	250	32	15(10)	200	3				
ASRL-5042200	50	200	42	15	150	3	ED.W15T4TN-15			
ASRL-5042250	50	250	42	15	200	3				

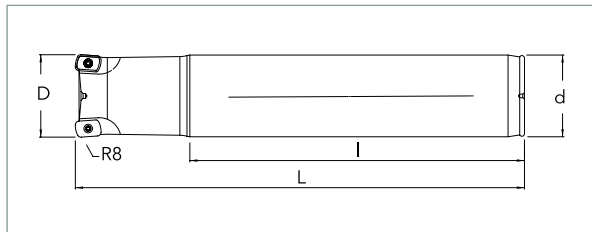
- BORE MOUNTED TYPE

INSERT TYPE → [HITACHI](#), [WIDIN](#)

Part No.	치수(Dimensions)mm									
	D	L	d	K	R					
ASRL-505022	50	50	22	10.4	15(10)	3	ED.W13T4TN-15	555-141 M5 ST512-63P	TX-20	3CLCN
ASRL-605022	60	50	22	10.4	15(10)	4				
ASRL-635022	63	50	22	10.4	15(10)	4	ED.W15T4TN-15			
ASRL-807027	80	70	27	12.7	15(10)	5				
ASRL-1007031.75	100	70	31.75	12.7	15(10)	6				

Finishing EndMill Cutter

ASRL-Pico

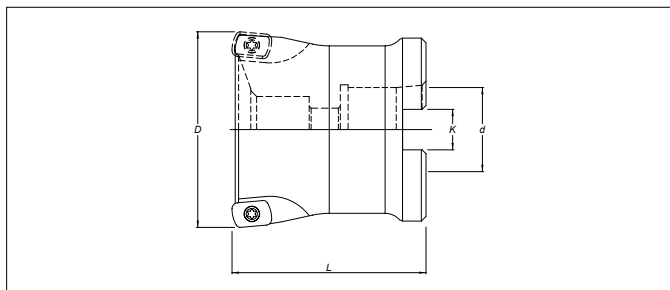


- WELDON SHANK TYPE

INSERT TYPE → [HITACHI](#), [WIDIN](#)

Part No.	치수(Dimensions)mm							
	D	d	L	l				
ASRL-1616160-2F	16	16	160	120	2			
ASRL-1716160-2F	17	16	160	130	2			
ASRL-1716200-2F	17	16	200	170	2			
ASRL-2020200-3F	20	20	200	160	3			
ASRL-2120200-3F	21	20	200	170	3			
ASRL-2525200-4F	25	25	200	150	4			
ASRL-2525250-4F	25	25	250	200	4			
ASRL-2625200-4F	26	25	200	160	4			
ASRL-2625250-4F	26	25	250	210	4			
ASRL-3232200-5F	32	32	200	135	5			
ASRL-3232250-5F	32	32	250	185	5			
ASRL-3332200-5F	33	32	200	160	5			
ASRL-3332250-5F	32	32	250	210	5			

ASRL-Pico



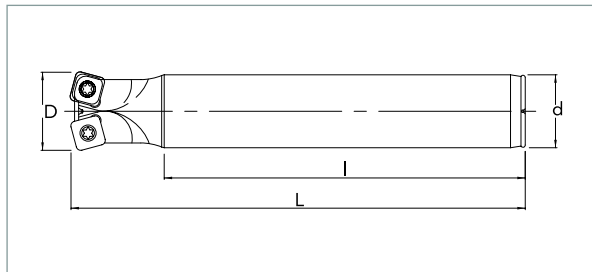
- BORE MOUNTED TYPE

INSERT TYPE → [KORLOY](#), [WIDIN](#)

Part No.	치수(Dimensions)mm							
	D	d	L	K				
ASRL-D42x16x6F	42	16	40	10.4	6			
ASRL-D50x22x7F	50	22	50	10.4	7			
ASRL-D52x22x7F	52	22	50	10.4	7			
ASRL-D63x27x8F	63	27	50	12.7	8			
ASRL-D66x27x8F	66	27	50	12.7	8			
ASRL-D80x27x10F	80	27	65	12.7	10			

Finishing EndMill Cutter

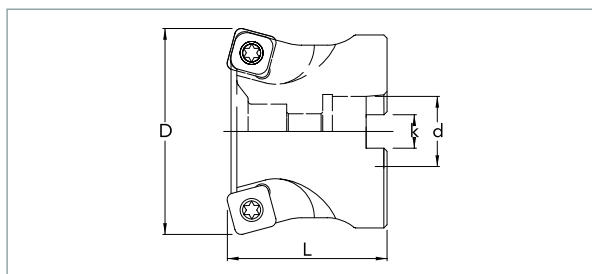
BSR



- WELDON SHANK TYPE

INSERT TYPE → [KORLOY](#), [WIDIN](#)

Part No.	치수(Dimensions)mm							
	D	d	L	l				
BSR-2020200	20	20	200	150	2	SPCW 070312R	ST307-55 M3.0	TX-08
BSR-2020250	20	20	250	200	2			
BSR-2120200	21	20	200	160	2			
BSR-2120250	21	20	250	210	2			
BSR-2525200	25	25	200	140	2	SDCW 090412R	ST35084-60 M3.5	TX-15
BSR-2525250	25	25	250	190	2			
BSR-2525300	25	25	300	240	2			
BSR-2625200	26	25	200	160	2			
BSR-2625250	26	25	250	210	2			
BSR-2625300	26	25	300	260	2			
BSR-3232200	32	32	200	130	2	SBCW 130723SR	TSB 263141 M5	TX-20
BSR-3232250	32	32	250	180	2			
BSR-3232300	32	32	300	230	2			
BSR-3332200	33	32	200	160	2			
BSR-3332250	33	32	250	210	2			
BSR-3332300	33	32	300	260	2			
BSR-4032200	40	32	200	160	3			
BSR-4032250	40	32	250	210	3			
BSR-4032300	40	32	300	260	3			



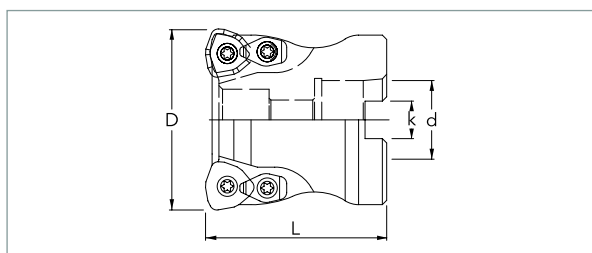
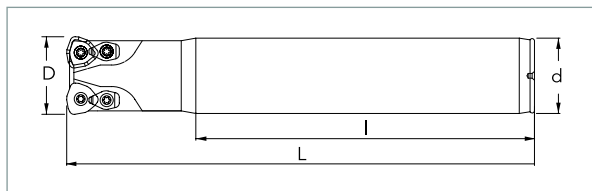
- BORE MOUNTED TYPE

INSERT TYPE → [KORLOY](#), [WIDIN](#)

Part No.	치수(Dimensions)mm							
	D	d	L	K				
BSR-D50×22×3F	50	22	50	10.4	3	SBCW 130723SR	TSB263141 M5	TX-20
BSR-D63×22×4F	63	22	50	10.4	4			
BSR-D80×27×5F	80	27	65	12.4	5			

Finishing EndMill Cutter

AJXC



- WELDON SHANK TYPE

INSERT TYPE → [MITSUBISHI](#), [WIDIN](#)

Part No.	치수(Dimensions)mm								
	D	d	L	l					
AJXC-1616180	16	16	180	145	2	JOMW06T	ST2553-55 M2.5		TX-8
AJXC-1716180	17	16	180	145					
AJXC-2020200	20	20	200	150		JOMW080	ST3072-60H M3		TX-8
AJXC-2120200	21	20	200	155					
AJXC-2120250	21	20	250	205					
AJXC-2525200	25	25	200	145					
AJXC-2525250	25	25	250	195		JDMW09T	ST3509-55 M3.5		TX-15
AJXC-2625200	26	25	200	155					
AJXC-2625250	26	25	250	205					
AJXC-3232200	32	32	200	145					
AJXC-3232250	32	32	250	195					
AJXC-3232300	32	32	300	245					
AJXC-3332200	33	32	200	150					
AJXC-3332250	33	32	250	200					
AJXC-3332300	33	32	300	250					

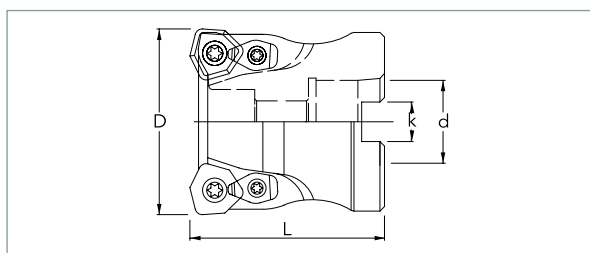
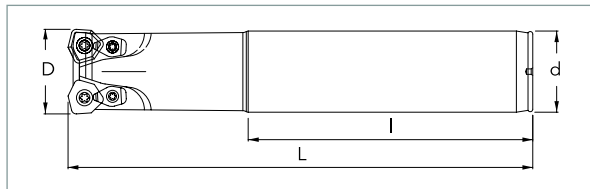
- BORE MOUNTED TYPE

INSERT TYPE → [MITSUBISHI](#), [WIDIN](#)

Part No.	치수(Dimensions)mm								
	D	d	L	K					
AJXC-3050-22	50	22	50	10.4	3	JDMW 120420	ST4101-60W M4	CL2C 2CLCN	TX-15
AJXC-4050-22	50	22	50	10.4	4				
AJXC-3063-22	63	22	50	10.4	3	JDMW 140520	TSB263141 M5	3CLCN	TX-25
AJXC-4063-22	63	22	50	10.4	4				
AJXC-5080-32	80	32	70	14.4	5				
AJXC-6080-32	80	32	70	14.4	6				

Finishing EndMill Cutter

SKSC



- WELDON SHANK TYPE

INSERT TYPE → [DIJET](#), [WIDIN](#)

Part No.	치수(Dimensions)mm								
	D	d	L	I					
SKSC-1616180	16	16	180	145	2	WDMW04	ST2553-55 M2.5		TX-8
SKSC-1716180	17	16	180	145	2				
SKSC-2020200	20	20	200	150	2	WDMW 05	ST3072-60H M3		TX-8
SKSC-2120200	21	20	200	155	2				
SKSC-2120250	21	20	250	205	2	WDMW 06	ST408-43 M4	CL2C 2CLCN	TX-15
SKSC-2525200	25	25	200	140	2				
SKSC-2525250	25	25	250	190	2				
SKSC-2625200	26	25	200	150	2				
SKSC-2625250	26	25	250	205	2	WDMW 08	ST4510-60 M4.5	3CLCN	TX-20
SKSC-3232200	32	32	200	130	2				
SKSC-3232250	32	32	250	180	2				
SKSC-3232300	32	32	300	230	2				
SKSC-3332200	33	32	200	150	2				
SKSC-3332250	33	32	250	200	2				
SKSC-3332300	33	32	300	250	2				

SKSS

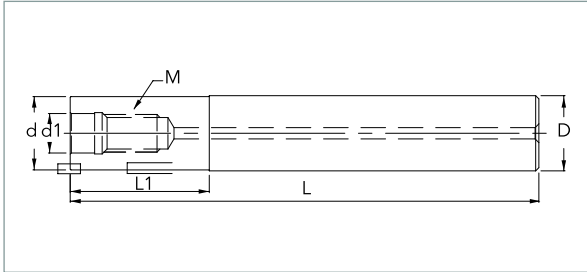
- BORE MOUNTED TYPE

INSERT TYPE → [DIJET](#), [WIDIN](#)

Part No.	치수(Dimensions)mm								
	D	d	L	K					
SKSS-3050-22	50	22	50	10.4	3	WDMW 08,.NTK	ST4510-60 M4.5	3CLCN	TX-20
SKSS-4050-22	50	22	50	10.4	4				
SKSS-3063-27	63	27	50	12.4	3				
SKSS-4063-27	63	27	50	12.4	4				
SKSS-5080-32	80	32	70	14.4	5				
SKSS-6080-32	80	32	70	14.4	6				

Finishing EndMill Cutter

IHCC



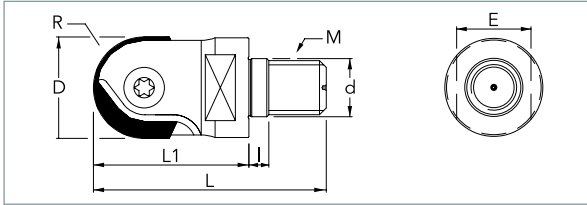
- WELDON SHANK TYPE

- CARBIDE SHANK TYPE

Part No.	치수(Dimensions)mm						SHANK	적용헤드
	D	d	L	L1	d1	M		
M-IHCC-16172(200)	16	15.5	172	22(50)	8.5	8	STEEL	M-0000 D16 D17
M-IHCC-20187(220)	20	19.5	187	37(70)	10.5	10		M-0000 D20 D21
M-IHCC-20217(250)	20	19.5	217	37(70)	10.5	10		M-0000 D25 D26
M-IHCC-25212(250)	25	24.5	212	62(100)	12.5	12		M-0000 D30 D32 D33
M-IHCC-25262(300)	25	24.5	262	62(100)	12.5	12		
M-IHCC-30155(200)	32	29.5	155	55(100)	17	16		
M-IHCC-30205(220)	32	29.5	205	55(100)	17	16		
M-IHCC-30255(300)	32	29.5	255	55(200)	17	16		
C-IHCC-16172(200)	16	15.5	172	22(50)	8.5	8	CARBIDE	M-0000 D16 D17
C-IHCC-20187(220)	20	19.5	187	37(70)	10.5	10		M-0000 D20 D21
C-IHCC-20217(250)	20	19.5	217	37(70)	10.5	10		M-0000 D25 D26
C-IHCC-25212(250)	25	24.5	212	62(100)	12.5	12		M-0000 D30 D32 D33
C-IHCC-25262(300)	25	24.5	262	62(100)	12.5	12		
C-IHCC-30155(200)	32	29.5	155	55(100)	17	16		
C-IHCC-30205(250)	32	29.5	205	55(100)	17	16		
C-IHCC-30255(300)	32	29.5	255	55(100)	17	16		

Ball Cutter

M-ABPF

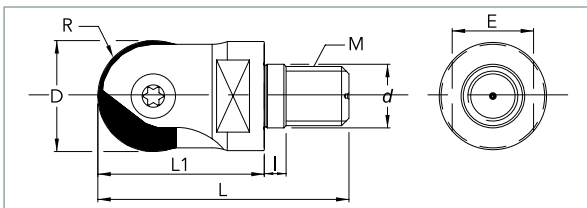


- MODULAR SHANK TYPE

INSERT TYPE → [WIDIN, HITACHI](#)

Part No.	치수(Dimensions)mm										
	R	D	d	L	L1	I	M	E			
M-ABPF-R08xM8	8	16	8.5	45	28	6	8	12	ZPFG 160,17	TSB-5844	TX-20
M-ABPF-R10xM10	10	20	10.5	52	33	6	10	15	ZPFG 200,21	TSB-5845	TX-25
M-ABPF-R12.5xM12	12.5	25	12.5	60	38	6	12	19	ZPFG 250,26	TSB-5846	TX-30
M-ABPF-R15xM16	15	30	17	68	45	6	12	22	ZPFG 300,32	TSB-5847	TX-30

M-SRFH

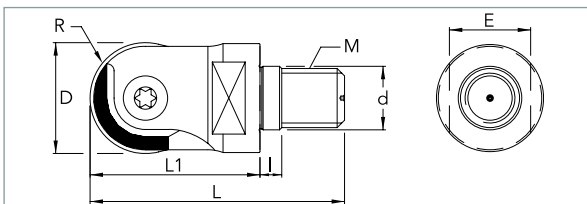


- MODULAR SHANK TYPE

INSERT TYPE → [DIJET, MITSUBISHI, KORLOY, WIDIN](#)

Part No.	치수(Dimensions)mm										
	R	D	d	L	L1	I	M	E			
M-SRFH-R08xM8	8	16	8.5	45	28	6	8	12	SRFT 16 / LBH 16,17	FSW-4013	TX-15
M-SRFH-R10xM10	10	20	10.5	52	33	6	10	15	SRFT 20 / LBH 20,21	FSW-5016	TX-20
M-SRFH-R12.5xM12	12.5	25	12.5	60	38	6	12	19	SRFT 25 / LBH 25,26	FSW-6062	TX-30
M-SRFH-R15xM16	15	30	17	68	45	6	12	22	SRFT 30 / LBH 30,32	FSW-8025	TX-40

M-BFCC



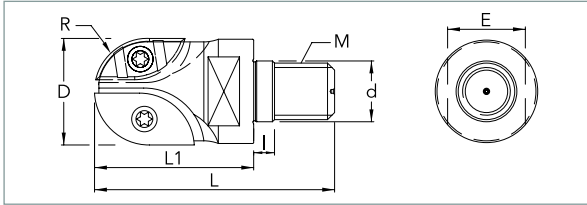
- MODULAR SHANK TYPE

INSERT TYPE → [WIDIN, WALTER](#)

Part No.	치수(Dimensions)mm										
	R	D	d	L	L1	I	M	E			
M-BFCC-R08xM8	8	16	8.5	45	28	6	8	12	SP32..D16	TSB-392	TX-15
M-BFCC-R10xM10	10	20	10.5	52	33	6	10	15	SP32..D20	TSB-393	TX-25
M-BFCC-R12.5xM12	12.5	25	12.5	60	38	6	12	19	SP32..D25	TSB-394	TX-25
M-BFCC-R15xM16	15	30	17	68	45	6	16	22	SP32..D30	TSB-395	TX-30

Ball Cutter

M-SRM

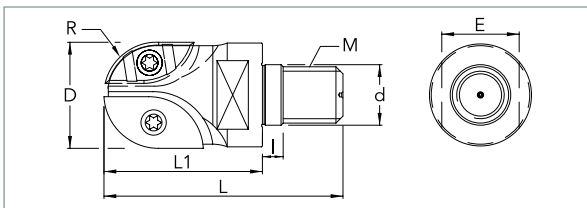


- MODULAR SHANK TYPE

INSERT TYPE → **MITSUBISHI**

Part No.	치수(Dimensions)mm								안날	바깥날	NO.OFF INSERT		
	R	D	d	L	L1	I	M	E					
M-SRM-R08xM8	8	16	8.5	45	28	6	8	12	SR,16C	SR,16E	2	ST2553-55 M2.5	TX-8
M-SRM-R10xM10	10	20	10.5	52	33	6	10	15	SR,20C	SR,20E		ST3072-60H M3	TX-8
M-SRM-R12.5xM12	12.5	25	12.5	60	38	6	12	19	SR,25C	SR,25E		ST4104-60W M4	TX-15
M-SRM-R15xM16	15	30	17	68	45	6	12	22	SR,30C	SR,30E		TSB-263141 M5	TX-20

M-BHSF

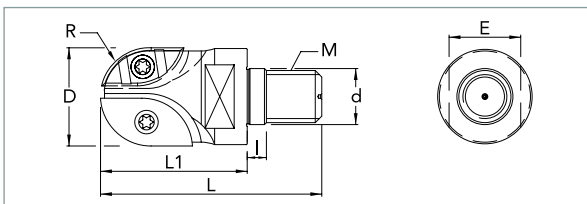


- MODULAR SHANK TYPE

INSERT TYPE → **HITACHI**

Part No.	치수(Dimensions)mm								안날	바깥날	NO.OFF INSERT		
	R	D	d	L	L1	I	M	E					
M-BHSF-R08xM8	8	16	8.5	45	28	6	8	12	ZCE,080CE	ZCE,080SE	2	ST2553-55 M2.5	TX-8
M-BHSF-R10xM10	10	20	10.5	52	33	6	10	15	ZCE,100CE	ZCE,100SE		ST3072-60H M3	TX-8
M-BHSF-R12.5xM12	12.5	25	12.5	60	38	6	12	19	ZCE,125CE	ZCE,125SE		ST4101-6W M4	TX-15
M-BHSF-R15xM16	15	30	17	68	45	6	12	22	ZCE,150CE	ZCE,150SE		TSB-263141 M5	TX-20

M-GBEC



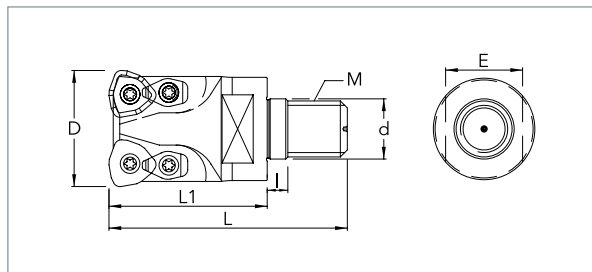
- MODULAR SHANK TYPE

INSERT TYPE → **WIDIN**

Part No.	치수(Dimensions)mm								안날	바깥날	NO.OFF INSERT		
	R	D	d	L	L1	I	M	E					
M-GBEC-R08xM8	8	16	8.5	45	28	6	8	12	ZPET080M	ZPET080S	2	ST2553-55 M2.5	TX-8
M-GBEC-R10xM10	10	20	10.5	52	33	6	10	15	ZPET100M	ZPET100S		ST3072-60H M3	TX-8
M-GBEC-R12.5xM12	12.5	25	12.5	60	38	6	12	19	ZPET125M	ZPET125S		ST4101-6W M4	TX-15
M-GBEC-R15xM16	15	30	17	68	45	6	16	22	ZPET150M	ZPET150S		ST5115-63P M5	TX-20

Finishing EndMill Cutter

M-AJXC

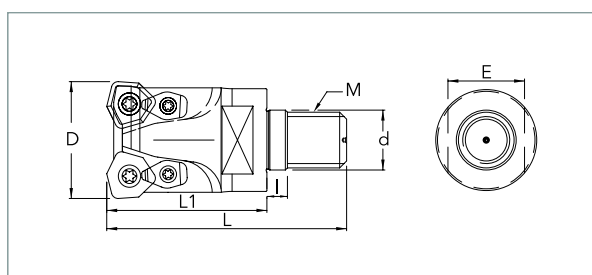


- MODULAR SHANK TYPE

INSERT TYPE → [MITSUBISHI](#), [WIDIN](#)

Part No.	치수(Dimensions)mm											
	D	d	L	L1	I	M	E					
M-AJXC-D16xM8	16	8.5	45	28	6	8	12	2	JOMW06T		ST2553-55 M2.5	TX-8
M-AJXC-D17xM8	17	8.5	45	28	6	10	15		JOMW080		ST3072-60H M3	
M-AJXC-D20xM10	20	10.5	52	33	6	10	15		JOMW09T JOMW1204	CL2C 2CLCN	ST3509-55 M3.5	TX-15
M-AJXC-D21xM10	21	10.5	52	33	6	10	15				ST4084-60 M4	
M-AJXC-D25xM12	25	12.5	60	38	6	12	19					
M-AJXC-D26xM12	26	12.5	60	38	6	12	19					
M-AJXC-D32xM16	32	17	68	45	6	16	24					
M-AJXC-D33xM16	33	17	68	45	6	16	24					

M-SKSC



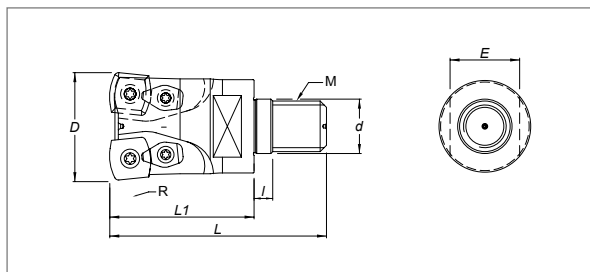
- MODULAR SHANK TYPE

INSERT TYPE → [DIJET](#), [WIDIN](#)

Part No.	치수(Dimensions)mm											
	D	d	L	L1	I	M	E					
M-SKSC-D16xM8	16	8.5	45	28	6	8	12	2	WDMW04		ST2553-55 M2.5	TX-8
M-SKSC-D17xM8	17	8.5	45	28	6	8	12		WDMW05		ST3072-60H M3	
M-SKSC-D20xM10	20	10.5	52	33	6	10	15		WDMW06	CL2C 2CLCN	ST408-43 M4	TX-15
M-SKSC-D21xM10	21	10.5	52	33	6	10	15					
M-SKSC-D25xM12	25	12.5	60	38	6	12	19		WDMW08	3CLCN	ST4510-60 M4.5	TX-20
M-SKSC-D26xM12	26	12.5	60	38	6	12	19					
M-SKSC-D32xM16	32	17	68	45	6	16	24					
M-SKSC-D33xM16	33	17	68	45	6	16	24					

Finishing EndMill Cutter

M-ASRL

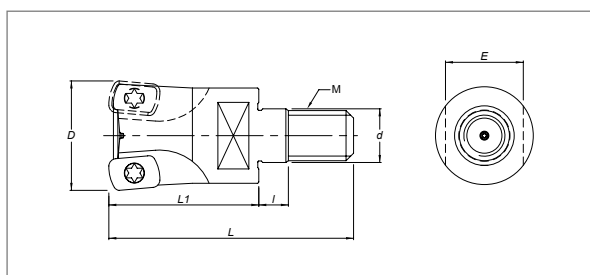


- BORE MOUNTED TYPE

INSERT TYPE → [HITACHI](#), [WIDIN](#)

Part No.	치수(Dimensions)mm												
	D	d	L	L1	I	M	E	R					
M-ASRL-D20xM10	20	10.5	52	33	6	10	15	10	2	ED,W 0803TN-10	CL2C 2CLCN	ST509-55 M3.5	TX-15
M-ASRL-D21xM10	21	10.5	52	33	6	10	15	10					
M-ASRL-D25xM12	25	12.5	60	38	6	12	19	10					
M-ASRL-D25xM12	26	12.5	60	38	6	12	19	10					
M-ASRL-D32xM16	32	17	68	45	6	12	24	15(10)					
M-ASRL-D33xM16	33	17	68	45	6	16	24	15(10)		ED,W 13T4TN-15(10)	3CLCN	ST512-63P M4	TX-20

M-ASRL-Pico



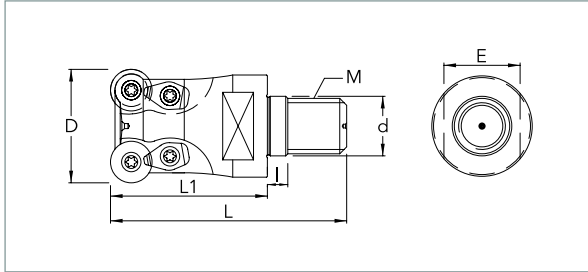
- MODULAR SHANK TYPE

INSERT TYPE → [HITACHI](#), [WIDIN](#)

Part No.	치수(Dimensions)mm											
	D	d	L	L1	I	M	E					
M-ASRL-D16xM8	16	8.5	45	28	6	8	12	2	EPMW0603		ST2553 M2.5	TX-8
M-ASRL-D17xM8	17	8.5	45	28	6	8	12	2				
M-ASRL-D20xM10	20	10.5	52	33	6	10	15	3				
M-ASRL-D21xM10	21	10.5	52	33	6	10	15	3				
M-ASRL-D25xM12	25	12.5	60	38	6	12	19	4				
M-ASRL-D25xM12	26	12.5	60	38	6	12	19	4				
M-ASRL-D32xM16	32	17	68	45	6	12	24	5				
M-ASRL-D33xM16	33	17	68	45	6	16	24	5				
M-ASRL-D40xM16	40	17	68	45	6	16	24	6				

Finishing EndMill Cutter

M-RMCC

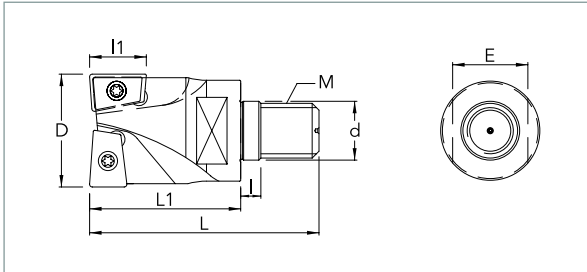


- MODULAR SHANK TYPE

INSERT TYPE → [HITACHI](#), [WALTER](#), [WIDIN](#)

Part No.	치수(Dimensions)mm											
	D	d	L	L1	I	M	E					
M-RMCC-H-D1608xM8	16	8.5	45	28	6	8	12	2	RDMW 0802-H		ST307-55 M3	TX-8
M-RMCC-H-D1708xM8	17	8.5	45	28	6	8	12		RDMT 0803			
M-RMCC-D1608xM8	16	8.5	45	25	6	8	12					
M-RMCC-D1708xM8	17	8.5	45	25	6	8	12					
M-RMCC-D2010xM10	20	10.5	52	33	6	10	15		RDMT 10T3	CL2C 2CLCN	ST408-43 M4	TX-15
M-RMCC-D2110xM10	21	10.5	52	33	6	10	15					
M-RMCC-D2512xM12	25	12.5	60	38	6	12	19					
M-RMCC-D2612xM12	26	12.5	60	38	6	12	19					
M-RMCC-D3212xM16	32	17	68	45	6	16	24					
M-RMCC-D3312xM16	33	17	68	45	6	16	24					

M-AQXC

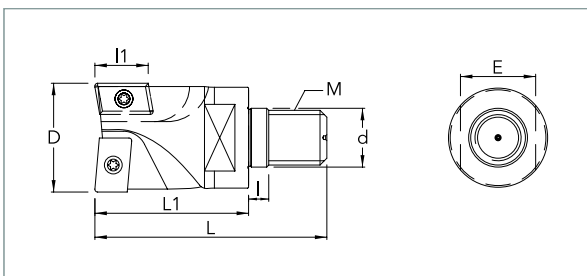


- MODULAR SHANK TYPE

INSERT TYPE → [WIDIN](#)

Part No.	치수(Dimensions)mm											
	D	d	L	L1	I	II	M	E				
M-AQXC-D16xM8	16	8.5	45	28	6	7.4	8	12	2	QOMT0830R	ST2043-60H M2	TX-6
M-AQXC-D17xM8	17	8.5	45	28	6	7.4	8	12				
M-AQXC-D20xM10	20	10.5	52	33	6	9.2	10	15		QOMT1035R	ST2553-55 M2.5	TX-8
M-AQXC-D21xM10	21	10.5	52	33	6	9.2	10	15				
M-AQXC-D25xM12	25	12.5	60	38	6	11.5	12	19		QOMT1342R	ST3072-60H M3	
M-AQXC-D26xM12	26	12.5	60	38	6	11.5	12	19				
M-AQXC-D32xM16	32	17	68	45	6	14.5	16	24		QOMT1651R	ST4084-60 M4	TX-15
M-AQXC-D33xM16	33	17	68	45	6	14.5	16	24				

M-SECL



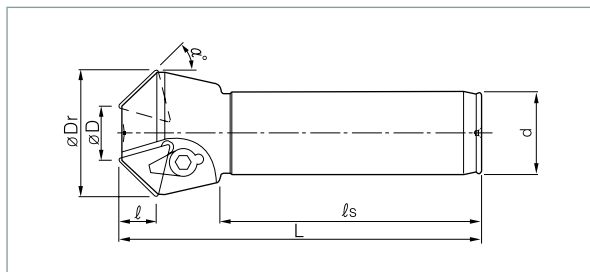
- MODULAR SHANK TYPE

INSERT TYPE → [HITACHI](#)

Part No.	치수(Dimensions)mm									안날	바깥날		
	D	d	L	L1	I	II	M	E					
M-SECL-D16xM8	16	8.5	45	28	6	8	8	12	2	ZDMT 08T208L	ZPMT 09T208R	ST22045-55 M2.2	TX-6
M-SECL-D17xM8	17	8.5	45	28	6	8	8	12					
M-SECL-D20xM10	20	10.5	52	33	6	9.4	10	15		ZDMT 100308L	ZCMT 100308R	ST2553-55 M2.5	TX-8
M-SECL-D21xM10	21	10.5	52	33	6	9.4	10	15					
M-SECL-D25xM12	25	12.5	60	38	6	12.3	12	19		ZDMT 13T308L	ZPMT 13T308R	ST3072-60H M3	
M-SECL-D26xM12	26	12.5	60	38	6	12.3	12	19					
M-SECL-D32xM16	32	17	68	45	6	15	16	24		ZDMT 160408L	ZPMT 160408R	ST4084-60 M4	TX-15
M-SECL-D33xM16	33	17	68	45	6	15	16	24					

Champer Mill Cutter

CHCL

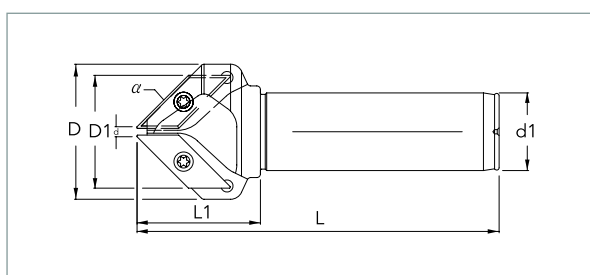


- MODULAR SHANK TYPE

INSERT TYPE → **TAEGU-TEC**

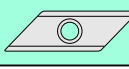
ITEM CODE		NO.OFF INSERT	치수(Dimensions)mm								INSERTS USED
			α°	ØD	ØDr	L	Ød	ℓ	ℓ S		
Long Shank	CHCL 10-30°	1	30°	10	25	120	25	7.1	90	TP16	TPKN16030 
	CHCL 20-30°	2	30°	20	35	150	32	9.9	110	TP16	TPKN16030 
	CHCL 35-30°	2	30°	35	55.8	150	32	9.9	110	TP22	TPKN22040 
	CHCL 05-45°	1	45°	5	25	120	20	10.1	90	TP16	TPKN16030 
	CHCL 10-45°	2	45°	10	31.0	140	25	10.1	110	TP16	TPKN16030 
	CHCL 20-45°	2	45°	20	48.8	150	32	14.0	110	TP22	TPKN22040 
	CHCL 35-45°	3	45°	35	63.8	150	32	14.0	110	TP22	TPKN22040 

CSCC



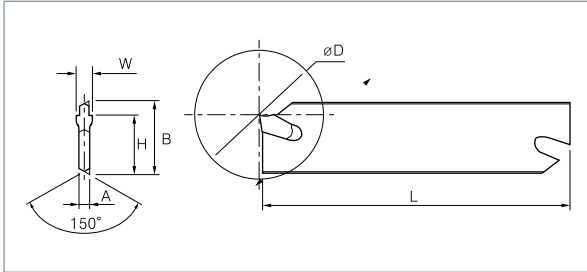
- MODULAR SHANK TYPE

INSERT TYPE → **TUNGALOY, WIDIN**

Part No.	치수(Dimensions)mm													
	α°	D	D1	d	d1	L	L1							
CSCC05031R-10°	10°	26	27	14	32	130	50	1	XCET 310404ER	ST512-63P M5	TX-20			
CSCC05031R-15°	15°	29	30	13										
CSCC05031R-20°	20°	29	30	9										
CSCC05031R-25°	25°	37	33	6										
CSCC05031R-30°	30°	44	34	5										
CSCC05031R-35°	35°	49	40	4										
CSCC05031R-40°	40°	51	43	4				2						
CSCC05031R-45°	45°	56	48	4										
CSCC05031R-50°	50°	60	53	4										
CSCC05031R-55°	55°	65	55	4										
CSCC05031R-60°	60°	74	57	4										

Blades

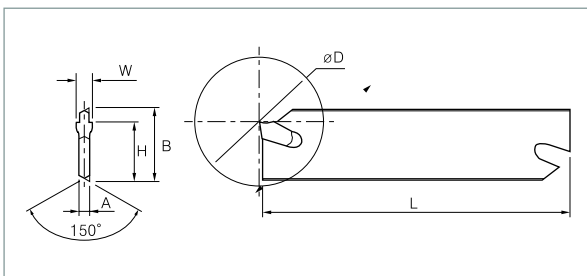
SD 블레이드 / SD Blade



INSERT TYPE → **TAEGU-TEC**

Part No.	B	L	H	A	W	Dwax.	인서트	렌치	블럭
SD 26 - 3	26.0	110	21.4	2.4	3.1	75	KSXN 3	KTW R1	CTHT □□ -26
SD 26 - 4	26.0	110	21.4	3.2	4.1	80	KSXN 4		
SD 32 - 3	32.0	150	24.8	2.4	3.1	100	KSXN 3		CTHT □□ -32
SD 32 - 4	32.0	150	24.8	3.2	4.1	100	KSXN 4		

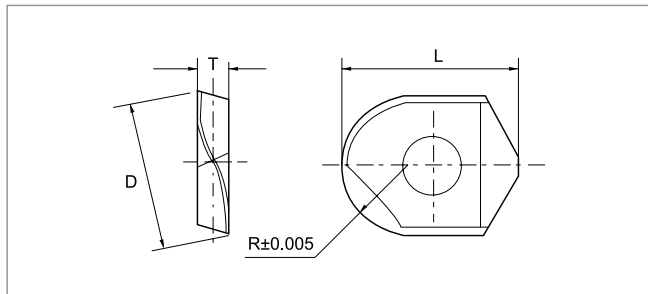
CTHT



Part No.	치수(Dimensions)mm									스크류	렌치
	H	H1	H2	H3	H4	B	L1	L2	L3		
CTHT 20 – 26	26	21.4	20	8	38	4.0	87	19	33	M6×1.0 S,H,C,S	L–W5
CTHT 20 – 32	32	24.8	20	13	38	4.0	100	19	35		
CTHT 25 – 26	26	21.4	25	8	48	5.5	110	20	36		
CTHT 25 – 32	32	24.8	25	3	48	5.5	120	28	44		
CTHT 32 – 32	32	30	32	4	53	5.5	110	31	48		

Milling Insert

정삭 볼 인서트 / Finishing Ball Insert

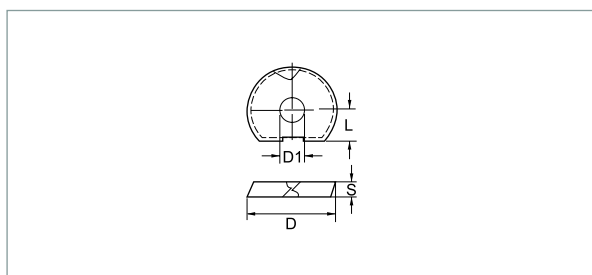


- 적용 HOLDER : ABPF, C-ABPF, M-ABPF

INSERT TYPE → [WIDIN](#)

Part No.	치수(Dimensions)mm			
	R	D	L	T
ZPSW 120	6	12	14.5	3.2
ZPSW 130	6.5	13	14.5	3.2
ZPSW 160	8	16	16.5	4.2
ZPSW 170	8.5	17	16.5	4.2
ZPSW 200	10	20	20.5	5.2
ZPSW 210	10.5	21	20.5	5.2
ZPSW 250	12.5	25	24.0	6.2
ZPSW 260	13	26	24.0	6.2
ZPSW 300	15	30	29.0	7.2
ZPSW 320	16	32	30.0	7.2

정삭 볼 인서트 / Finishing Ball Insert



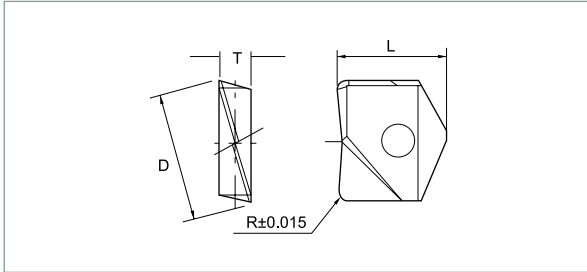
- 적용 HOLDER : BFCC, BFCC, M-BFCC

INSERT TYPE → [WIDIN](#)

Part No.	치수(Dimensions)mm			
	D	D1	L	S
SP3204-D100	10	4	5	2.5
SP3204-D120	12	5	6	2.5
SP3204-D160	16	5	6	3
SP3204-D200	20	5	6	3
SP3204-D250	25	6	9	4
SP3204-D300	30	8	10	5
SP3204-D320	32	8	10	5

Milling Insert

피니싱 코너 래디우스 인서트 / Finishing Coner Radius Insert



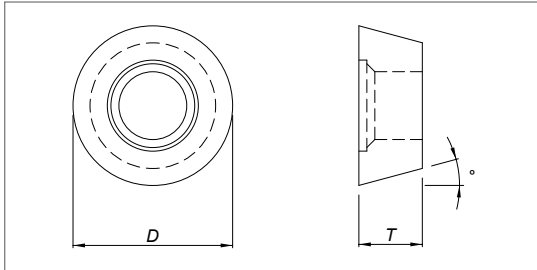
- 적용 HOLDER : ABPF, C-BHCC, BHCC

INSERT TYPE → [WIDIN](#)

Part No.	치수(Dimensions)mm			
	L	D	T	R
ZPSR-100-0.5R	12.0	10	2.7	0.5
ZPSR-100-1.0R	12.0	10	2.7	1.0
ZPSR-100-2.0R	12.0	10	2.7	2.0
ZPSR-120-0.5R	14.5	12	3.2	0.5
ZPSR-120-1.0R	14.5	12	3.2	1.0
ZPSR-120-2.0R	14.5	12	3.2	2.0
ZPSR-130-0.5R	14.5	13	3.2	0.5
ZPSR-130-1.0R	14.5	13	3.2	1.0
ZPSR-130-2.0R	14.5	13	3.2	2.0
ZPSR-160-0.5R	16.5	16	4.2	0.5
ZPSR-160-1.0R	16.5	16	4.2	1.0
ZPSR-160-2.0R	16.5	16	4.2	2.0
ZPSR-170-0.5R	16.5	17	4.2	0.5
ZPSR-170-1.0R	16.5	17	4.2	1.0
ZPSR-170-2.0R	16.5	17	4.2	2.0
ZPSR-200-0.5R	20.0	20	5.2	0.5
ZPSR-200-1.0R	20.0	20	5.2	1.0
ZPSR-200-2.0R	20.0	20	5.2	2.0
ZPSR-210-0.5R	20.0	21	5.2	0.5
ZPSR-210-1.0R	20.0	21	5.2	1.0
ZPSR-210-2.0R	20.0	21	5.2	2.0
ZPSR-250-0.5R	22.5	25	6.2	0.5
ZPSR-250-1.0R	22.5	25	6.2	1.0
ZPSR-250-2.0R	22.5	25	6.2	2.0
ZPSR-260-0.5R	22.5	26	6.2	0.5
ZPSR-260-1.0R	22.5	26	6.2	1.0
ZPSR-260-2.0R	22.5	26	6.2	2.0
ZPSR-300-0.5R	27.0	30	7.2	0.5
ZPSR-300-1.0R	27.0	30	7.2	1.0
ZPSR-300-2.0R	27.0	30	7.2	2.0

Milling Insert

라운드 인서트 / Round Insert

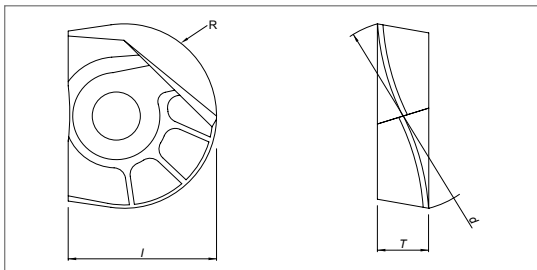


- 적용 HOLDER : RDT

INSERT TYPE → [WIDIN](#)

Part No.	치수(Dimensions)mm			
	D	T	Q	재질
RDMW0501	5.0	1.4	15°	
RDMW0702	7.0	2.38	15°	
RDMW1003	10.0	3.18	15°	

볼 인서트 / Ball Insert(Indexable Milling)



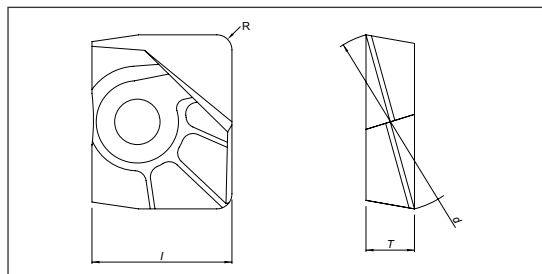
- 적용 HOLDER : SRFH, C-SRFH

INSERT TYPE → [WIDIN](#)

Part No.	치수(Dimensions)mm			
	I	d	t	r
LBH-080	7.0	8.0	2.4	4
LBH-090	7.5	9.0	2.4	4.5
LBH-100	8.5	10.0	2.6	5
LBH-110	9.0	11.0	2.6	5.5
LBH-120	10.0	12.0	3	6
LBH-130	10.5	13.0	3	6.5
LBH-160	12.0	16.0	4	8
LBH-170	12.5	17.0	4	8.5
LBH-200	15.0	20.0	5	10
LBH-210	15.5	21.0	5	10.5
LBH-250	18.5	25.0	6	12.5
LBH-260	19.0	26.0	6	13
LBH-300	22.5	30.0	7	15
LBH-310	23.0	31.0	7	15.5
LBH-320	23.5	32.0	7	16

Milling Insert

코너 래디우스 인서트 / Coner Rdius Insert (Indexable Milling)



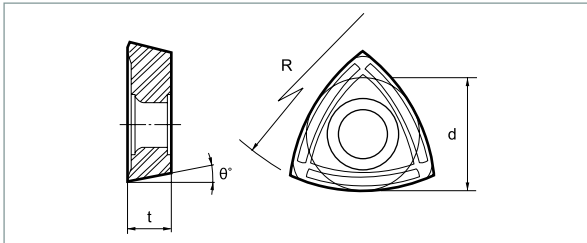
- 적용 HOLDER : SRFH

INSERT TYPE → [WIDIN](#)

Part No.	치수(Dimensions)mm			
	l	d	t	r
LRH100-R0.5	8.5	10.0	2.6	0.5
LRH100-R1.0	8.5	10.0	2.6	1.0
LRH100-R2.0	8.5	10.0	2.6	2.0
LRH110-R0.5	9.0	11.0	2.6	0.5
LRH110-R1.0	9.0	11.0	2.6	1.0
LRH110-R2.0	9.0	11.0	2.6	2.0
LRH120-R0.5	10.0	12.0	3	0.5
LRH120-R1.0	10.0	12.0	3	1.0
LRH120-R2.0	10.0	12.0	3	2.0
LRH130-R0.5	10.5	13.0	3	0.5
LRH130-R1.0	10.5	13.0	3	1.0
LRH130-R2.0	10.5	13.0	3	2.0
LRH160-R0.5	12.0	16.0	4	0.5
LRH160-R1.0	12.0	16.0	4	1.0
LRH160-R2.0	12.0	16.0	4	2.0
LRH170-R0.5	12.5	17.0	4	0.5
LRH170-R1.0	12.5	17.0	4	1.0
LRH170-R2.0	12.5	17.0	4	2.0
LRH200-R0.5	15.0	20.0	5	0.5
LRH200-R1.0	15.0	20.0	5	1.0
LRH200-R2.0	15.0	20.0	5	2.0
LRH210-R0.5	15.0	21.0	5	0.5
LRH210-R1.0	15.0	21.0	5	1.0
LRH210-R2.0	15.0	21.0	5	2.0
LRH250-R0.5	18.5	25.0	6	0.5
LRH250-R1.0	18.5	25.0	6	1.0
LRH250-R2.0	18.5	25.0	6	2.0
LRH260-R0.5	19.0	26.0	6	0.5
LRH260-R1.0	19.0	26.0	6	1.0
LRH260-R2.0	19.0	26.0	6	2.0
LRH300-R0.5	22.5	30.0	7	0.5
LRH300-R1.0	22.5	30.0	7	1.0
LRH300-R2.0	22.5	30.0	7	2.0
LRH320-R0.5	22.5	32.0	7	0.5
LRH320-R1.0	22.5	32.0	7	1.0
LRH320-R2.0	22.5	32.0	7	2.0

Milling Insert

볼 컷타 / Ball Cutter Insert

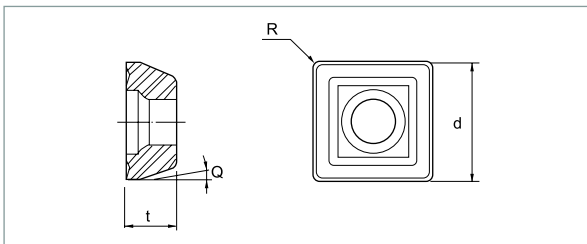


- 적용 HOLDER : BMCC-MD

INSERT TYPE → [WIDIN](#)

Part No.	치수(Dimensions)mm			
	R	d	t	θ°
RBMX50	25	12.7	5.56	11°

헬리칼 컷타 인서트 / Helical Cutter Insert

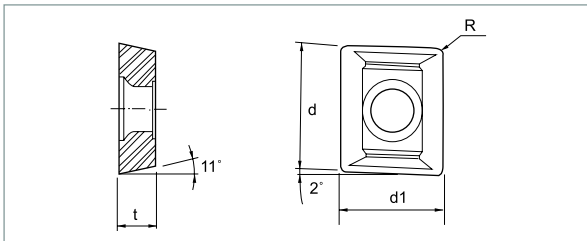


- 적용 HOLDER : BMCC-MD, HMCC-MD

INSERT TYPE → [WIDIN](#)

Part No.	치수(Dimensions)mm			
	d	t	R	θ°
SPMT090308	9.525	3.8	0.8	14°
SPMT120408	12.7	4.76	0.8	11°

헬리칼 컷타 인서트 / Helical Cutter Insert



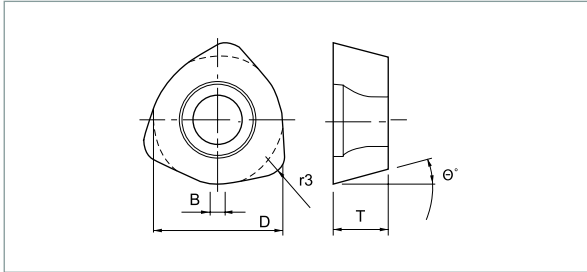
- 적용 HOLDER : HMCC-MD

INSERT TYPE → [WIDIN](#)

Part No.	치수(Dimensions)mm			
	d	d ₁	t	R
ZPMT1504...	15.88	12.7	4.76	0.8

Milling Insert

정삭 밀 인서트 / Finishing Mill Insert

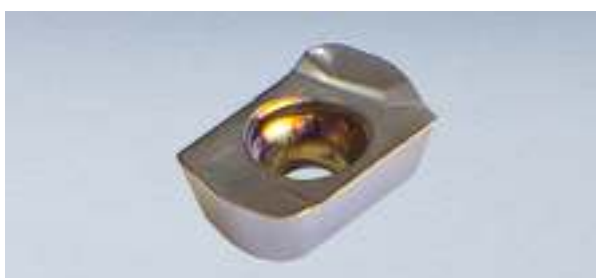
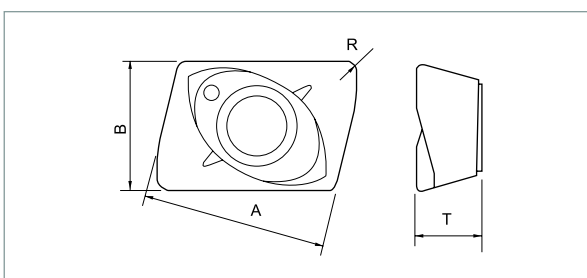


- 적용 HOLDER : SKCC, SKSS

INSERT TYPE → [WIDIN](#)

Part No.	치수(Dimensions)mm				
	D	R	T	θ°	C
WDMW04T215	6.5	0.8	2.8	13	0.8
WDMW050310	8	1.0	3.2	15	1.0
WDMW06T312	10	1.2	3.9	15	1.2
WDMW080415	13	1.5	5.5	15	1.5

정삭 밀 인서트 / Finishing Mill Insert



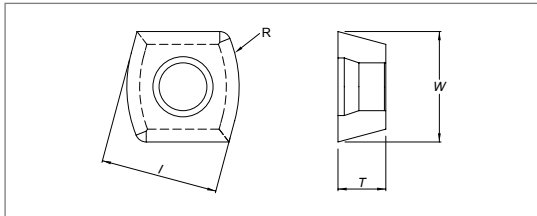
- 적용 HOLDER : MPMC

INSERT TYPE → [WIDIN](#)

Part No.	치수(Dimensions)mm			
	B	A	T	R
EOMT-060210ER	4.3	6.43	2.5	1.0

Milling Insert

인덱서블 밀링 인서트 / Indexable Milling Insert

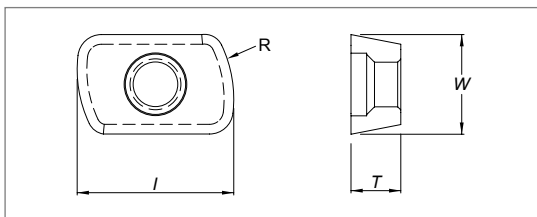


- 적용 HOLDER : ASRL

INSERT TYPE → [WIDIN](#)

Part No.	치수(Dimensions)mm			
	R	L	T	W
EDNW080308-	10	8,1	3,18	7,94
EDNW10T3-	10	10	3,97	10
EDNW13T4-	10	13,5	5,56	12,7
EDNW15T4-	15	15	5,56	14

인덱서블 밀링 인서트 / Indexable Milling Insert

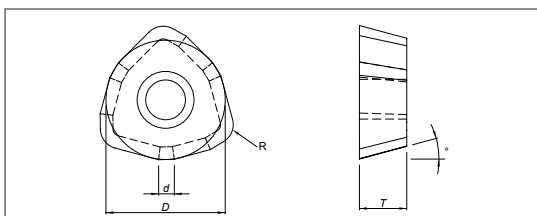


- 적용 HOLDER : ASRL

INSERT TYPE → [WIDIN](#)

Part No.	치수(Dimensions)mm			
	R	L	T	W
EDNW0603-	8	10	3,18	6,35

인덱서블 밀링 인서트 / Indexable Milling Insert



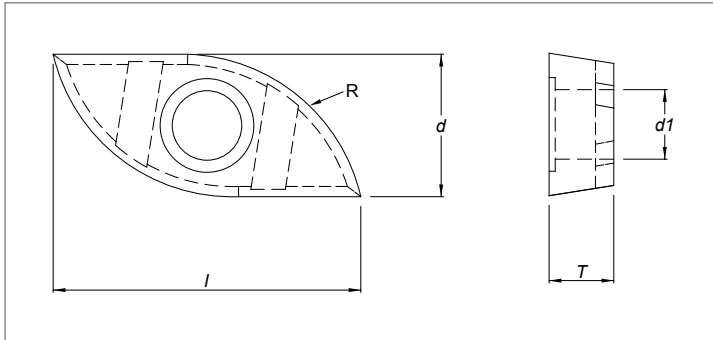
- 적용 HOLDER : AJXC

INSERT TYPE → [WIDIN](#)

Part No.	치수(Dimensions)mm				
	D	d	R	T	θ
JOMW06T215-	6,35	1,2	1,5	2,78	13°
JOMW080320-	8	1,4	2	3,18	13°
JOMW09T320-	9,525	1,8	2	3,97	15°
JOMW120420-	12	2,5	2	4,76	15°
JOMW140520-	4	2,8	2	5,56	15°

Milling Insert

인덱서블 인서트 / Indexable Insert

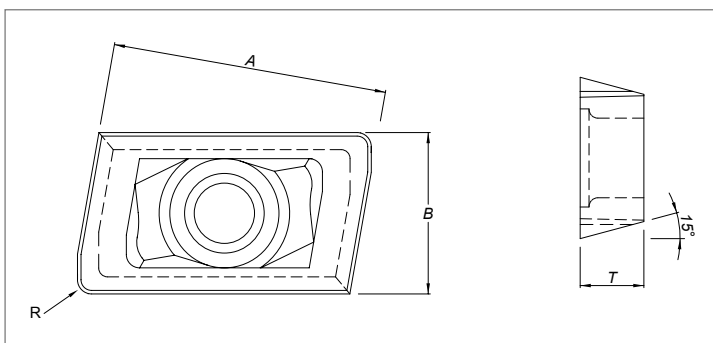


- 적용 HOLDER : GBEC

INSERT TYPE → [WIDIN](#)

Part No.		치수(Dimensions)mm				
		l	d	t	r	d_1
	ZPET080-M	16	8.0	3.5	8	2.9
	ZPET100-M	19	10.4	4.5	10	3.4
	ZPET125-M	24	12.9	5.3	12.5	4.5
	ZPET150-M	28	15.4	7	15	5.6
	ZPET080-S	15	6.6	3.1	8	2.9
	ZPET100-S	15.5	8.4	3.8	10	3.4
	ZPET125-S	20.5	10.7	4.5	12.5	4.5
	ZPET150-M	25	12.4	6.5	15	5.6

인덱서블 밀링 인서트 / Indexable Milling Insert



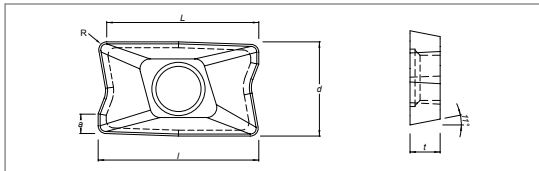
- 적용 HOLDER : AHU

INSERT TYPE → [WIDIN](#)

Part No.	치수(Dimensions)mm			
	A	B	T	R
JDMT100308R	11	6.1	3.5	0.8
JDMT150508R	16	9.12	5	0.8

Milling Insert

APKT17(멀티용)인서트 / APKT17(MT)Insert

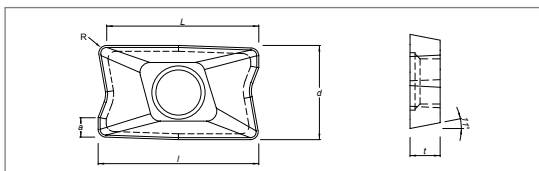


- 적용 HOLDER : ENCC

INSERT TYPE → [WIDIN](#)

Part No.	치수(Dimensions)mm					
	l	d	t	a	L	r
APKT170508-MT	18.5	10.7	5.56	2.0	16.1	0.8

APKT17(강용)인서트 / APKT17(EM)Insert

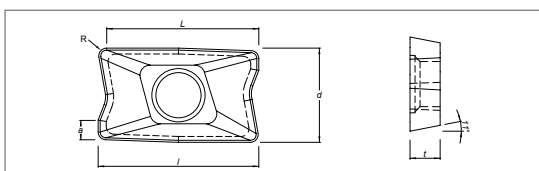


- 적용 HOLDER : ENCC

INSERT TYPE → [WIDIN](#)

Part No.	치수(Dimensions)mm					
	l	d	t	a	L	r
APKT170508-EM	18.5	10.7	5.56	2.0	16.1	0.8

APKT17(써스용)인서트 / APKT17(SU)Insert

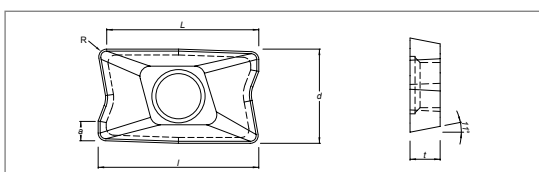


- 적용 HOLDER : ENCC

INSERT TYPE → [WIDIN](#)

Part No.	치수(Dimensions)mm					
	l	d	t	a	L	r
APKT170508-SU	18.5	10.7	5.56	2.0	16.1	0.8

APKT17(알루미늄용)인서트 / APKT17(AL)Insert



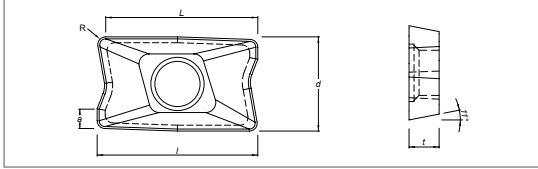
- 적용 HOLDER : ENCC

INSERT TYPE → [WIDIN](#)

Part No.	치수(Dimensions)mm					
	l	d	t	a	L	r
APKT170508-AL	17.6	10.7	5.27	3.0	16.1	0.8

Milling Insert

APKT09(멀티용)인서트 / APKT09(MT)Insert

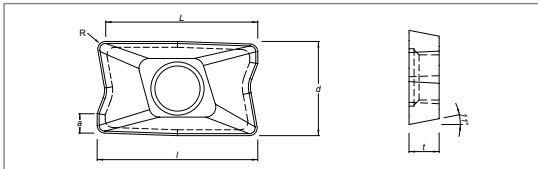


- 적용 HOLDER : ENCC

INSERT TYPE → [WIDIN](#)

Part No.	치수(Dimensions)mm					
	l	d	t	a	L	r
APKT09T304-MT	10.5	6.20	3.8	1.0	8.8	0.4

APKT09(강용)인서트 / APKT09(EM)Insert

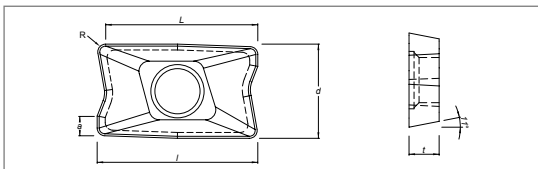


- 적용 HOLDER : ENCC

INSERT TYPE → [WIDIN](#)

Part No.	치수(Dimensions)mm					
	l	d	t	a	L	r
APKT09T304-EM	10.5	6.20	3.8	1.0	8.8	0.4

APKT09(써스)인서트 / APKT09(SU)Insert

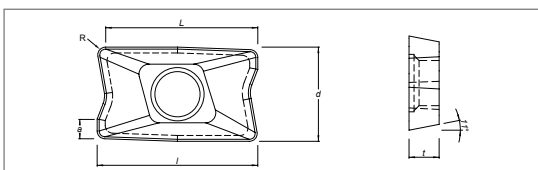


- 적용 HOLDER : ENCC

INSERT TYPE → [WIDIN](#)

Part No.	치수(Dimensions)mm					
	l	d	t	a	L	r
APKT09T304-SU	10.5	6.20	3.8	1.0	8.8	0.4

APKT09(알루미늄용)인서트 / APKT09(AL)Insert



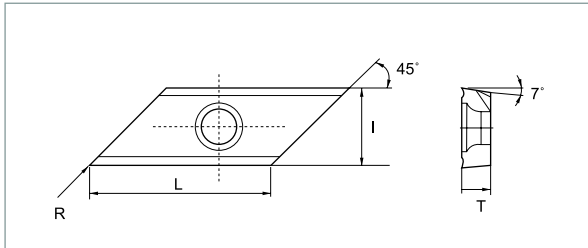
- 적용 HOLDER : ENCC

INSERT TYPE → [WIDIN](#)

Part No.	치수(Dimensions)mm					
	l	d	t	a	L	r
APKT09T304-AL	10.5	6.20	3.8	1.0	8.8	0.4

Milling Insert

챔퍼링 밀 인서트 / Champering Mill Insert

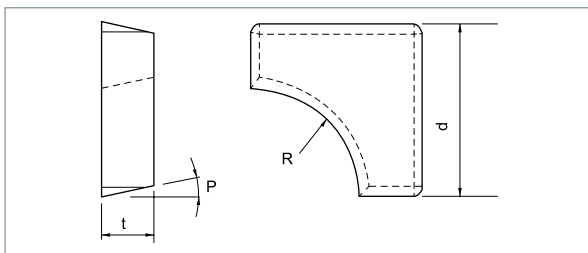


- 적용 HOLDER : CCCC

INSERT TYPE → [WIDIN](#)

Part No.	치수(Dimensions)mm			
	L	I	T	R
XCET310404ER-비코팅	22	12.7	4.5	0.4
XCET310404ER-TIALN코팅	22	12.7	4.5	0.4

라운드링 인서트 / Rounding Insert

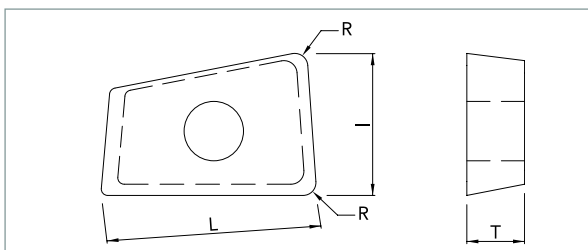


- 적용 HOLDER : 역R캣타

INSERT TYPE → [WIDIN](#)

Part No.	치수(Dimensions)mm			
	R	d	t	P°
SPKR-R	10	15.875	4.76	11°

정삭 밀 인서트 / Finishing Mill Insert



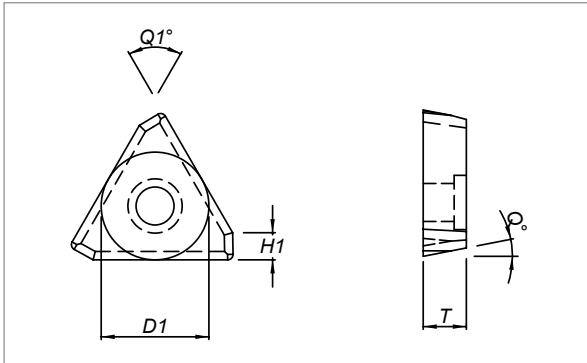
- 적용 HOLDER : AQXC

INSERT TYPE → [WIDIN](#)

Part No.	치수(Dimensions)mm			
	L	I	T	R
QOMT0830R	8.4	5.5	3	0.8
QOMT1035R	10.6	7	3.5	0.8
QOMT1342R	13.1	8.7	4.2	0.8
QOMT1651R	16.5	11	5.1	0.8

Milling Insert

CBN 인서트 / CBN Insert

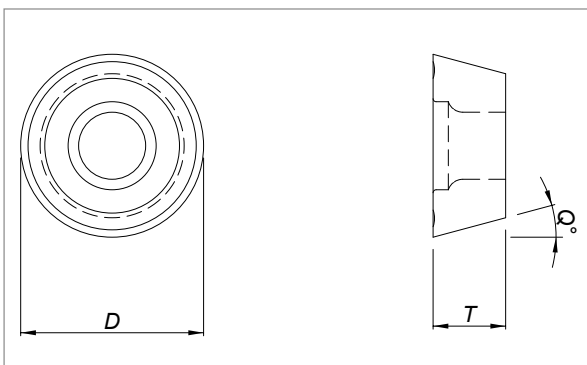


- 적용 HOLDER : 찍기캣타

INSERT TYPE → [WIDIN](#)

Part No.	치수(Dimensions)mm					재질	코팅
	D1	T	H1	Q	Q1		
TPEN130302-P	7.94	3.18	2	11°	60°	P	TIN
TPEN130302-CBN	7.94	3.18	2	11°	60°	CBN	O

라운드 밀 인서트 / Round Mill Insert



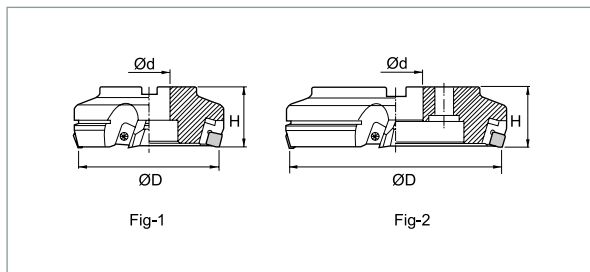
- 적용 HOLDER : RMCC, C-RDT

INSERT TYPE → [WIDIN](#)

Part No.	치수(Dimensions)mm			코팅
	D	T	Q	
RDMW0802(Z)	8	2.38	15°	TIN, TIALN
RDMW10T3(Z)	10	3.97		
RDMW1204(Z)	12	4.76		
RDMW1605(Z)	16	5.56		

Face-Cutter

헤이스 컷타 -75° / Face Cutter -75°

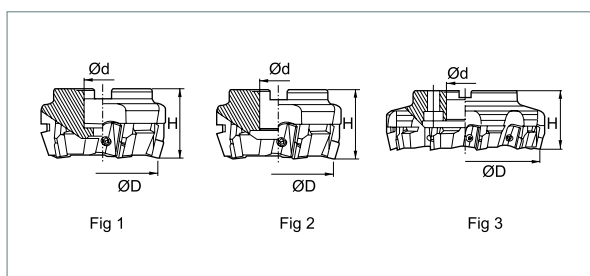


- BORE MOUNTED TYPE

INSERT TYPE → [WIDIN](#)

Part No.	치수(Dimensions)mm			Fig		사용 인서트
	D	d	H			
S415SP-080R-15	80	25.4	50	1	5	SPKN1504EDR SPKN1504EDTR
S415SP-100R-15	100	31.75	50	1	6	
S415SP-125R-15	125	38.1	50	1	8	
S415SP-160R-15	160	50.8	50	1	10	
S415SP-200R-15	200	47.625	63	2	16	
S415SP-250R-15	250	47.625	63	2	16	
S415SP-315R-15	315	47.625	63	2	20	

헤이스 컷타 -75° / Face Cutter -75°



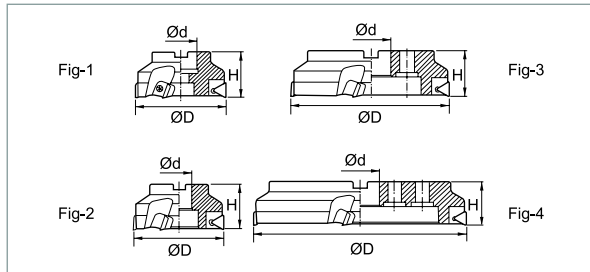
- BORE MOUNTED TYPE

INSERT TYPE → [WIDIN](#)

Part No.	치수(Dimensions)mm			Fig		사용 인서트
	D	d	H			
S415SP-80R-12	80	25.4	50	1	5	SPKN1203EDR SPKN1203EDTR
S415SP-100R-12	100	31.75	50	2	6	
S415SP-125R-12	125	38.1	63	2	8	
S415SP-160R-12	160	50.8	63	2	10	
S415SP-200R-12	200	47.625	63	3	12	
S415SP-250R-15	250	47.625	63	3	16	
S415SP-315R-12	315	47.625	63	3	20	

Face-Cutter

헤이스 컷타 -90° / Face Cutter -90°

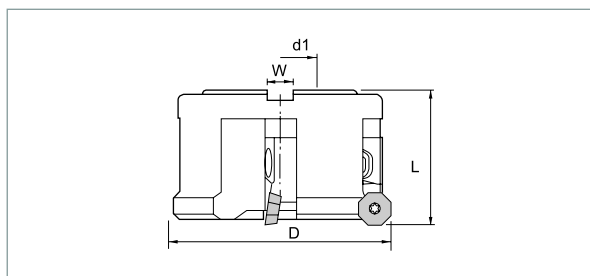


- BORE MOUNTED TYPE

INSERT TYPE → [WIDIN](#)

Part No.	치수(Dimensions)mm			Fig		사용 인서트
	D	d	H			
T400TR-80R-22	80	25.4	50	1	4	
T400TP-100R-22	100	31.75	55	1	5	
T400TP-125R-22	125	38.1	63	2	6	
T400TP-160R-22	160	50.8	63	3	8	
T400TP-200R-22	200	47.625	63	3	10	
T400TP-250R-22	250	47.625	63	3	12	
T400TP-315R-22	315	47.625	63	4	14	

중절삭용 컷타 / Medium Cutting Cutter



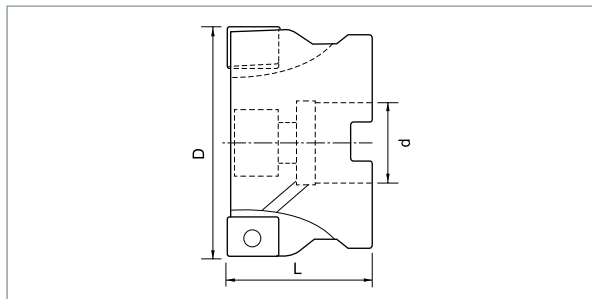
- BORE MOUNTED TYPE

INSERT TYPE → [WIDIN](#)

Part No.	치수(Dimensions)mm									
	D	L	d1	W						
OD FACE CUTTER	80	63	25.4	9.5	5	ODMT0605	ODHA0605	R592	FS1030	T20
OD FACE CUTTER	100	63	31.75	12.7	6					
OD FACE CUTTER	130	63	38.1	15.9	8					

Face-Cutter

IMCC

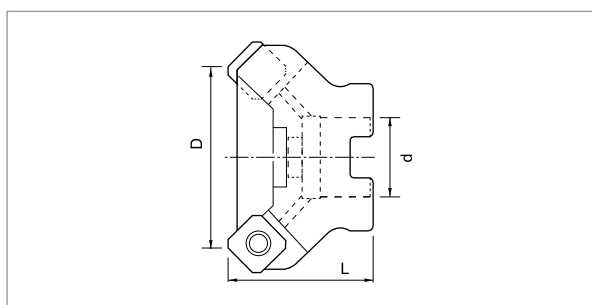


- BORE MOUNTED TYPE

INSERT TYPE → [WALTER](#)

Part No.	치수(Dimensions)mm						
	D	d	L				
IMCC-502240	50	22	40	3	ADMT 160608	FS-1458	T-15
IMCC-632240	63	22	40	4			
IMCC-8025,450	80	25,4	50	5			
IMCC-10031,7550	100	31,75	50	5			
IMCC-12538,150	125	38,1	50	7			
IMCC-16050,850	160	50,8	50	8			
IMCC-20047,625 63	200	47,625	63	10			

CMCC



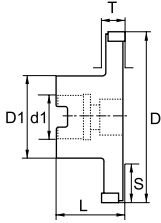
- BORE MOUNTED TYPE

INSERT TYPE → [WALTER](#)

Part No.	치수(Dimensions)mm						
	D	d	L				
CMCC-502240	50	22	40	4	SN.X 1205...	FS-1458	T-15
CMCC-632240	63	22	40	6			
CMCC-8025,450	80	25,4	50	7			
CMCC-10031,7550	100	31,75	50	8			
CMCC-12538,150	125	38,1	63	10			
CMCC-16058,863	160	50,8	63	12			
CMCC-20047,625 63	200	47,625	63	18			

Cylinder Side Cutter

싸이드 밀링 컷타 / Side Milling Cutter

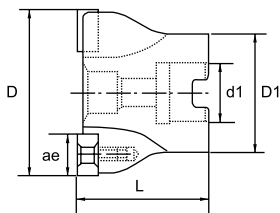


- BORE MOUNTED TYPE

INSERT TYPE → [WALTER](#)

Part No.	치수(Dimensions)mm									
	D	L	D1	d1	T	S				
Cylinder Cutter	100	50	50	25.4	10	23	10	CNMU080508	M3 FS 1015	T8
	100	50	50	25.4	12	23	10	CNMU080508	M3 FS 1015	T8
	125	50	60	31.75	10	31	12	CNMU080508	M3 FS 1015	T8
	125	50	60	31.75	12	31	12	CNMU080508	M3 FS 1015	T8
	160	52	80	38.1	12	38	14	CNMU080508	M3 FS 1015	T8
	160	52	80	38.1	16	38	12	CNMU120608	M4 FS 1007	T15
	200	55	80	50.8	16	48	14	CNMU120608	M4 FS 1007	T15
	200	55	80	50.8	20	48	14	CNMU120608	M4 FS 1007	T15

써클라 페이스 컷타 / Circular Face Cutter



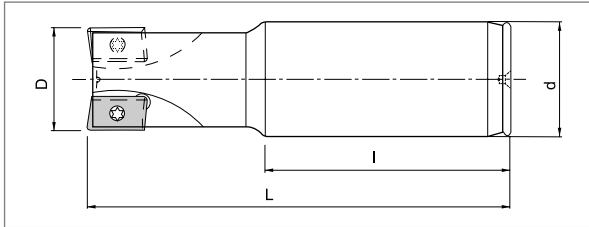
- BORE MOUNTED TYPE

INSERT TYPE → [WALTER](#)

Part No.	치수(Dimensions)mm							
	D	d1	L	D1				
Circular Face Cutter	40	16	40	35	3	CNMU080508	M3 FS 1015	T8
	50	22	50	47	3	CNMU120608	M4 FS 1007	T15
	63	22	50	60	4	CNMU120608	M4 FS 1007	T15
	80	25.4	50	70	5	CNMU120608	M4 FS 1007	T15

Key-Home Cutter

키-홈 전용 컷타 / Key-Home Cutter

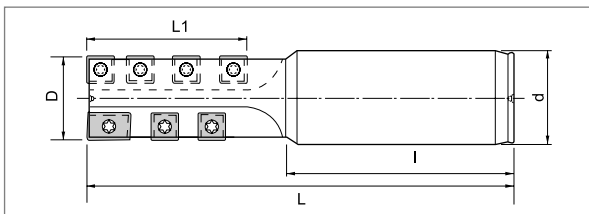


- WELDON SHANK TYPE

INSERT TYPE → [WIDIN](#), [WALTER](#), [TAEGU-TEC](#)

Part No.	치수(Dimensions)mm							
	D	d	L	I				
ENCC-2416120	24	25	120	75	2	AP..1604	ST4084-60 M4	TX-15
ENCC-2716120	27	25	120	75				
ENCC-2916120	29	32	120	75				
ENCC-3116120	31	32	120	75				
ENCC-3516120	35	32	120	75				

키-홈 전용 컷타, 윤곽컷타 / Key-Home Cutter, Outside Cutter

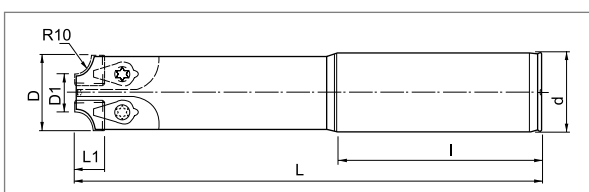


- WELDON SHANK TYPE

INSERT TYPE → [WIDIN](#), [WALTER](#), [TAEGU-TEC](#)

Part No.	치수(Dimensions)mm						NO.OFF INSERT		NO.OFF INSERT			
	D	d	L	L1	I							
KEY HOME-D27x32x150L	27	32	150	70	80	2	1	P27215 -3R	6	SDMT 090308	ST408-43 M4	TX-15
KEY HOME-D29x32x150L	29	32	150	70	80							
KEY HOME-D29x32x160L	29	32	160	80	80							
KEY HOME-D29x32x200L	29	32	200	80	80							

코너 R가공 홀더 / Coner R Holder



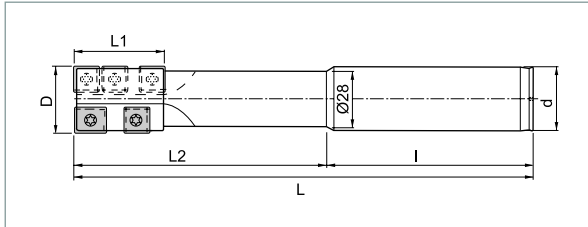
- WELDON SHANK TYPE

INSERT TYPE → [WIDIN](#)

Part No.	치수(Dimensions)mm							
	D	D1	d	L	I			
역R-컷타	40	20	42	250	110	2	SPKR-10R	TP22

Relief-Cutter

릴리프-컷타 / Relief Cutter

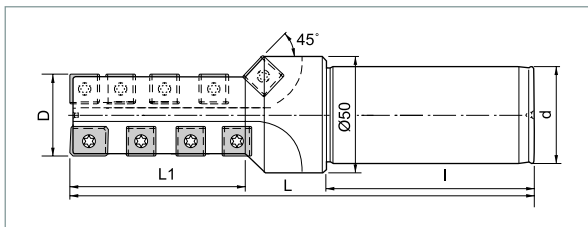


- WELDON SHANK TYPE

INSERT TYPE → [WIDIN](#), [WALTER](#), [TAEGU-TEC](#)

Part No.	치수(Dimensions)mm						NO.OFF INSERT		NO.OFF INSERT				
	D	d	L	L1	I								
RELIEF-D15x10x100L	15	12	100	10	52	2	1		2		SPMG 060204	ST2204-55 M2,2	TX-06
RELIFE-D19x10x100L	19	16	100	10	52				2				
RELIFE-D33x25x230L	33	32	230	25	100				2				
RELIFE-D33x45x230L	33	32	230	45	100				4				
RELIFE-D33x45x300L	33	32	300	45	100				4				
RELIFE-D34x25x230L	34	32	230	25	100				2				
RELIFE-D34x35x230L	34	32	230	35	100				3				
RELIFE-D34x45x230L	34	32	230	45	100				4				
RELIFE-D34x45x300L	34	32	300	45	100				4				
RELIFE-D35x25x230L	35	32	230	25	100				2				
RELIFE-D35x45x230L	35	32	230	45	100				4				
RELIFE-D35x45x300L	35	32	300	45	100				4				
RELIFE-D54x45x265L	54	42	265	45	220	4	2	10					

U-홈컷타 / U-Home Cutter



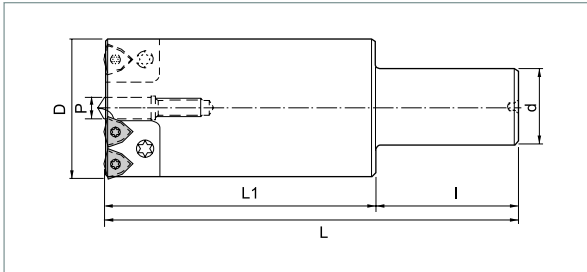
- WELDON SHANK TYPE

INSERT TYPE → [WIDIN](#), [WALTER](#), [TAEGU-TEC](#)

Part No.	치수(Dimensions)mm						NO.OFF INSERT		NO.OFF INSERT			
	D	d	L	L1	I							
U-HOME-D32x42x200L	32	42	200	75	90	2	1		7			
U-HOME-D34x42x200L	34	42	200	75	90				8			
U-HOME-D35x42x200L	35	42	200	75	90							
U-HOME-D39x42x200L	39	42	200	75	90							
U-HOME-D40x42x200L	40	42	200	75	90							
U-HOME-D44x42x200L	44	42	200	75	90							
U-HOME-D45x42x200L	45	42	200	75	90							

Post U-Drill

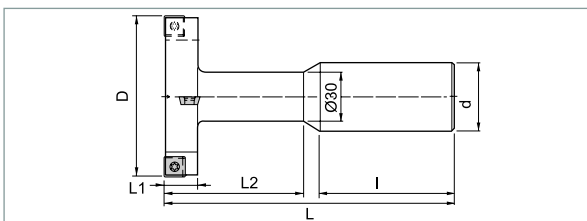
포스트 유드릴 / Post U-Drill



- WELDON SHANK TYPE

Part No.	치수(Dimensions)mm							
	D	P	L1	I	d			
포스트 유드릴 Post - U Drill	56	12	270	90	42	WCMT 08	M4.5 ST4510-60 M4.5	T-20
	58	12						
	68	16						
	76	12						
	78	12						
	88	16						
	96	16						
	98	16						

T-커파 / T-Cutter



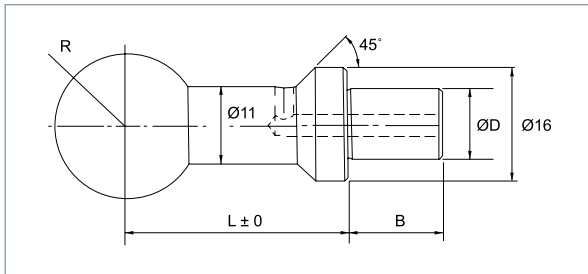
- WELDON SHANK TYPE

INSERT TYPE → [WIDIN](#), [WALTER](#), [TAEGU-TEC](#)

Part No.	치수(Dimensions)mm											
	D	L1	d	L	I							
T-캇타 T-Cutter	D80	22	42	180	95	4	SPMT1204	ST511-43 M5	TX-20			
	D100											
	D125					6						
	D150											
	D180											

Ball Gauge

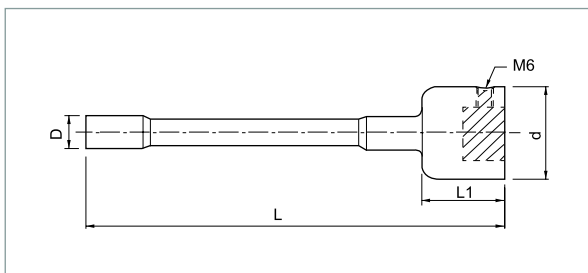
볼 게이지 / Ball Gauge



- WELDON SHANK TYPE

Part No.	치수(Dimensions)mm			
	R	D	L	B
볼 게이지 Ball Gauge	10	8-0.04	20(30)	8
		8-0.02		
		8±0		
		8+0.02		
		8+0.04		
		10-0.04		10
		10-0.02		
		10±0		
		10+0.02		
		10+0.04		

외아면 셋팅바 / Outside Setting Bar

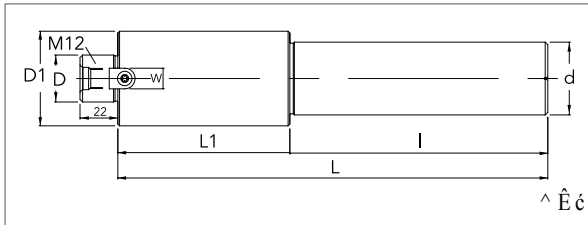


- WELDON SHANK TYPE

Part No.	치수(Dimensions)mm			
	D	d	L	L ₁
외아면 셋팅바 Outside Setting Bar	12.5	35	100	30
	12.5	35	150	30

Post Medium Cutting Cutte

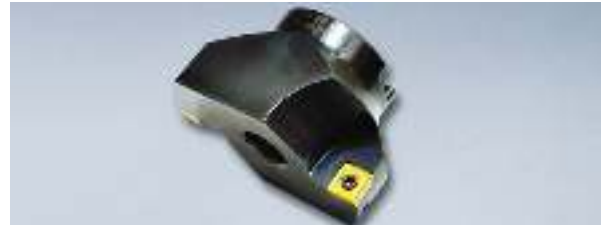
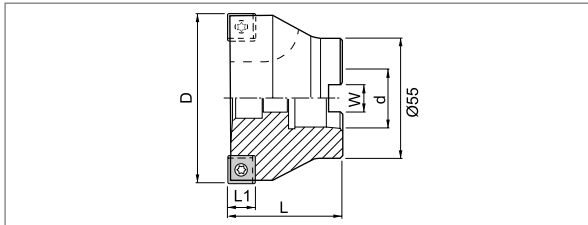
중삭캐타 아바(Medium Cutter Arbor) / SSCC캐타 아바(SSCC Cutter Arbor)



- WELDON SHANK TYPE

Part No.	치수(Dimensions)mm						
	D	D1	d	L	L1	I	W
Medium Cutter Arbor-ST42x27x315L	27	55	42	260	110	150	12
Medium Cutter Arbor-ST42x27x365L	27	55		310	160		12
Medium Cutter Arbor-ST42xD63x25.4x250L	25.4	50		200	50		9.5
Medium Cutter Arbor-ST42xD63x25.4x300L	25.4	50		250	100		9.5
Medium Cutter Arbor-ST42xD80x25.4x250L	25.4	65		200	50		9.5
Medium Cutter Arbor-ST42xD80x25.4x300L	25.4	65		250	100		9.5

중삭보링캐타 / Medium Boring Cutter



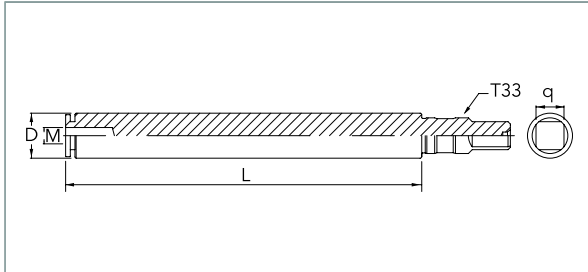
- BORE MOUNTED TYPE

INSERT TYPE → [WIDIN](#), [WALTER](#), [TAEGU-TEC](#)

Part No.	치수(Dimensions)mm							
	D	d	L	W				
황삭보링캐타 Roughing Boring Cutter	D58	27	55	12	2	SPMT1204	ST511-43 M5	TX-20
	D63							
	D68							
	D78							
	D88							
	D98							
	D103							
	D108							
	D113							
	D118							
중삭보링캐타 Medium Boring Cutter	D123							
	D59.4							
	D64.4							
	D69.4							
	D79.4							
	D89.4							
	D99.4							
	D104.4							
	D109.4							
	D119.4							

Tapping Chuck

레이디알 탭핑척 / Radial Tapping Chuck

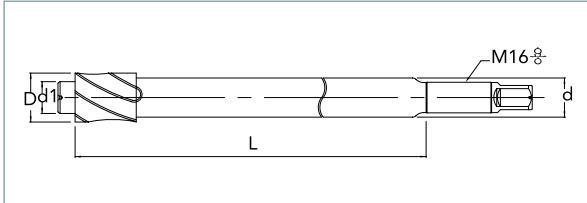


- WELDON SHANK TYPE

Part No.	치수(Dimensions)mm				
	D	M	L	T33	□
Radial Tapping Chuck D19x200L	19	M6,M8,M10,M12	200	M20	12
Radial Tapping Chuck D19x300L	19	M6,M8,M10,M12	300	M20	12
Radial Tapping Chuck D19x400L	19	M6,M8,M10,M12	400	M20	12
Radial Tapping Chuck D31x200L	31	M16,M20,M24	200	M24	15
Radial Tapping Chuck D31x300L	31	M16,M20,M24	300	M24	15
Radial Tapping Chuck D31x400L	31	M16,M20,M24	400	M24	15

Tapping Chuck

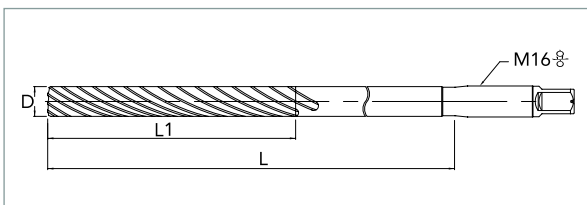
카운터 보어 / Counter Bore



- WELDON SHANK TYPE

Part No.	치수(Dimensions)mm					
	D	d1	d	L	규격	M
Counter Bore D14x25xM16	14	9	12	200	M08용	M16용
Counter Bore D14x25xM16				300		
Counter Bore D14x25xM16				400		
Counter Bore D18x25xM16	18	11	16	200	M10용	
Counter Bore D18x25xM16				300		
Counter Bore D18x25xM16				400		
Counter Bore D20x25xM16	20	13		200	M12용	
Counter Bore D20x25xM16				300		
Counter Bore D20x25xM16				400		
Counter Bore D27x25xM16	27	17		200	M16용	
Counter Bore D27x25xM16				300		
Counter Bore D27x25xM16				400		

헬릭스 리머 / Helix Reamer

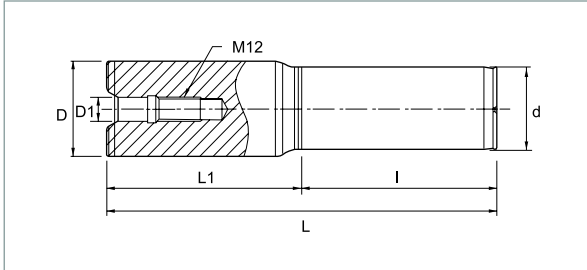


- WELDON SHANK TYPE

Part No.	치수(Dimensions)mm				
	D	L1	L	규격	M
Helix Reamer D06x100xM16	6	100	200	M06용	M16용
Helix Reamer D06x100xM16			300		
Helix Reamer D06x100xM16			400		
Helix Reamer D08x100xM16	200		M08용		
Helix Reamer D08x100xM16	300				
Helix Reamer D08x100xM16	400				
Helix Reamer D10x100xM16	200		M10용		
Helix Reamer D10x100xM16	300				
Helix Reamer D10x100xM16	400				
Helix Reamer D12x100xM16	200		M12용		
Helix Reamer D12x100xM16	300				
Helix Reamer D12x100xM16	400				
Helix Reamer D16x100xM16	200		M16용		
Helix Reamer D16x100xM16	300				
Helix Reamer D16x100xM16	400				

Post Medium Cutting Cutter Arbor

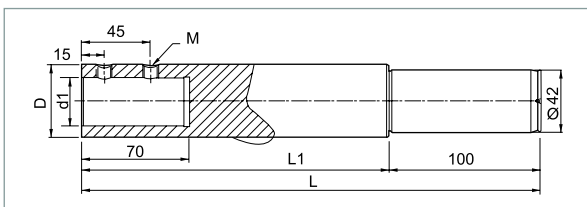
FPCC-ST 아바 / FPCC-ST Arbor



- WELDON SHANK TYPE

Part No.	치수(Dimensions)mm					
	D	D1	d	L	L1	l
FPCC-ST42200-50	48	12.5	42	200	100	100
FPCC-ST42250-50				250	150	
FPCC-ST42300-50				300	200	
FPCC-ST42200-63	60	16.5		200	100	
FPCC-ST42250-63				250	150	
FPCC-ST42300-63				300	200	

연결아바 / Extention Arbor

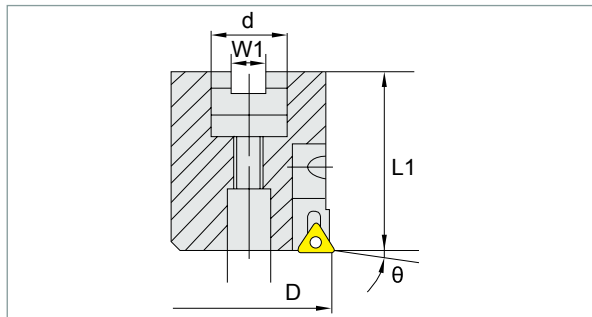


- WELDON SHANK TYPE

Part No.	치수(Dimensions)mm				
	D	d1	L1	L	M
Extention Arbor ST42x25x300L	50	25	300	200	10
Extention Arbor ST42x25x400L			400	300	
Extention Arbor ST42x32x200L		32	200	100	
Extention Arbor ST42x32x300L			300	200	
Extention Arbor ST42x32x400L			400	300	
Extention Arbor ST42x32x500L			500	400	
Extention Arbor ST42x40x200L	63	40	200	100	12
Extention Arbor ST42x40x300L			300	200	
Extention Arbor ST42x42x200L		42	200	100	
Extention Arbor ST42x42x300L			300	200	
Extention Arbor ST42x42x400L			400	300	
Extention Arbor ST42x42x500L			500	400	

Finishing Cutter

찍기 컷타 / Slotting Cutter

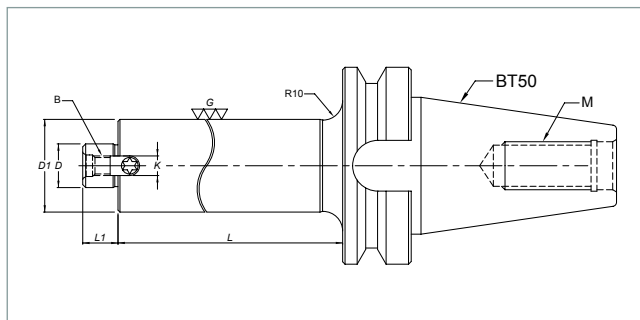


- BORE MOUNTED TYPE

INSERT TYPE → [WIDIN](#)

Part No.	치수(Dimensions)mm							
	D	L1	d	W1	θ			
PPMF-050-22R	50	65	22	10.4	1°	4	PPMA-013A	TPEN-130302-P TPEN-130302-CBN
PPMF-063-22R	63	65	22	10.4	1°	6		
PPMF-080-27R	80	55	27	12.4	1°	8		

찍기 컷타 / Slotting Cutter

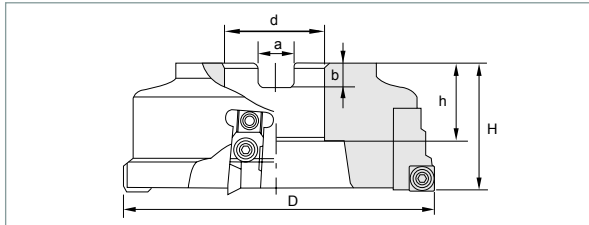


- MODULAR SHANK TYPE

Part No.	치수(Dimensions)mm						
	D	D1	L	L1	W	B	M
BT50-PPMT-5022200	22	47	200	18	10	M10	M24
BT50-PPMT-5022250			250				
BT50-PPMT-5022300			300				
BT50-PPMT-5022350			350				
BT50-PPMT-5022400			400				
BT50-PPMT-6322200		60	200				
BT50-PPMT-6322250			250				
BT50-PPMT-6322300			300				
BT50-PPMT-6322350			350				
BR50-PPMT-6322400			400				

Multi Mill Cutter

M.S. Cutter

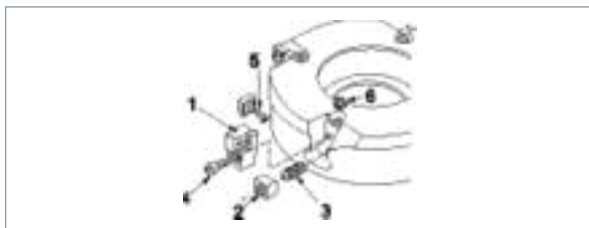


- BORE MOUNTED TYPE

INSERT TYPE → [WIDIN](#)

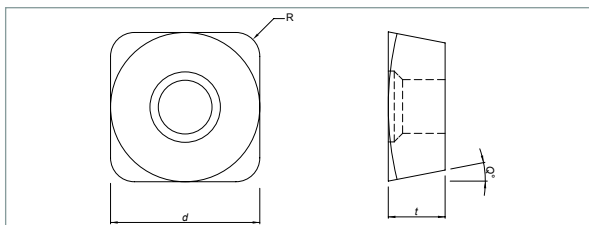
Part No.	치수(Dimensions)mm					
	D	d	L	a	h	
MSFR-100	100	31.75	65	12.7	32	2
MSFR-125	125	38.1		15.9	38	2
MSFR-160	160	50.8		19.0	38	4
MSFR-200	200	47.625		25.4	38	4

M.S. Cutter 부품 / M.S. Cutter Part



Part No.	치수(Dimensions)mm					
	1(로케이트)	2(조정넛)	3(조정넛지스크류)	4(로케이트고정스크류)	5(인서트스크류)	6(고급볼트)
규격	MSFR-1	MSFR-2	MSFR-3	SCM-M5×15	ST511-43 M5	SCM-M5×5

M.S. Cutter 사용 인서트 / M.S. Cutter Insert



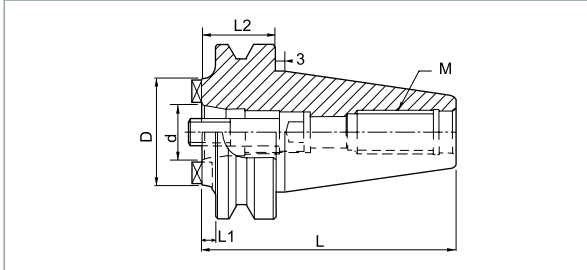
- 적용 HOLDER : BSR

INSERT TYPE → [TUNGALOY](#)

Part No.	치수(Dimensions)mm			
	d	t	R	θ
SPCW070312R	7.9	3.18	1.2	11°
SDCW090412R	9.525	4.76	1.2	15°
SBCW130723R	13.05	7.94	2.3	5°

HMCC-MD Arbor

BT50-WMA



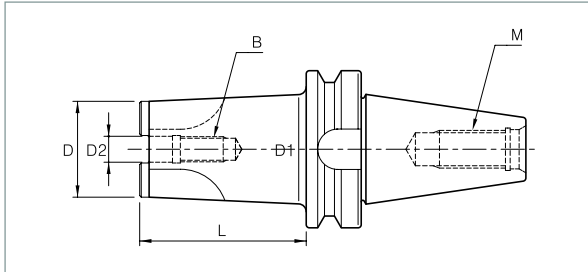
- 적용 HOLDER : BMCC-MD, TRMC-MD, TRMS-MD

Part No.	치수(Dimensions)mm						볼트
	D	L	d	L2	L1	M	
BT50-WMA63040	63	148	32	46	8	M24	M16
BT50-WMA63065		170		68	30		
BT50-WMA63085		190		88	50		
BT50-WMA63115		220		118	80		
BT50-WMA63135		240		138	100		
NT50-WMA63043		153		26	8	1"×8산	
NT50-WMA63065		175		48	30		
NT50-WMA63085		195		68	50		
NT50-WMA63115		225		98	80		
NT50-WMA63135		245		118	100		

- 적용 HOLDER : HMCC-MD

Part No.	치수(Dimensions)mm						볼트
	D	L	d	L2	L1	M	
BT50-WMA80040	80	150	45	48	10	M24	M20
BT50-WMA80065		170		68	30		
BT50-WMA80085		190		88	50		
BT50-WMA80115		220		118	80		
BT50-WMA80135		240		138	100		
NT50-WMA80045		155		28	10	1"×8산	
NT50-WMA80065		175		48	30		
NT50-WMA80085		195		68	50		
NT50-WMA80115		225		98	80		
NT50-WMA80135		245		118	100		

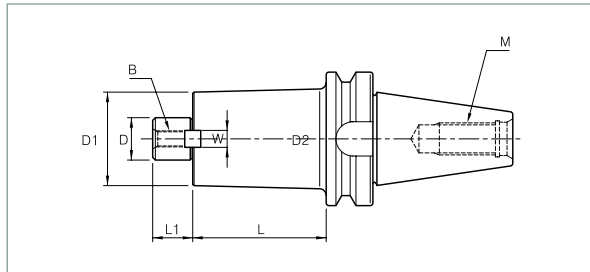
FPM



- FPCC-5024, FPCC-5055, FPCC-6334, FPCC-6365용 아바 / Arbor

Part No.	D	D1	D2	L	B	M
FPM-NT50-12.5100	48	50	12.5	100	M12	1×"8산
FPM-NT50-12.5150				150		
FPM-NT50-12.5200				200		
FPM-NT50-12.5250				250		
FPM-NT50-12.5300				300		
FPM-NT50-12.5350				350		
FPM-NT50-12.5400				400		
FPM-NT50-16.5100	60	63	16.5	100	M16	1×"8산
FPM-NT50-16.5150				150		
FPM-NT50-16.5200				200		
FPM-NT50-16.5250				250		
FPM-NT50-16.5300				300		
FPM-NT50-16.5350				350		
FPM-NT50-16.5400				400		
FPM-BT50-12.5100	48	50	12.5	100	M12	M24
FPM-BT50-12.5150				150		
FPM-BT50-12.5200				200		
FPM-BT50-12.5250				250		
FPM-BT50-12.5300				300		
FPM-BT50-12.5350				350		
FPM-BT50-12.5400				400		
FPM-BT50-16.5100	60	63	16.5	100	M16	M24
FPM-BT50-16.5150				150		
FPM-BT50-16.5200				200		
FPM-BT50-16.5250				250		
FPM-BT50-16.5300				300		
FPM-BT50-16.5350				350		
FPM-BT50-16.5400				400		
FPM-BT50-16.5450				450		
FPM-BT50-16.5500				500		
FPM-BT50-16.5550				550		
FPM-BT50-16.5600				600		
FPM-BT50-16.5650				650		
FPM-BT50-16.5700				700		

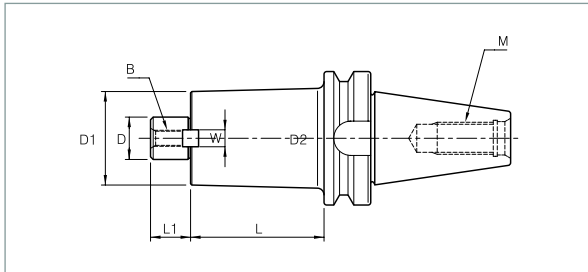
FMC



- 쉘 롱 용 아바 / Shell Long Arbor

Part No.	D	D1	L	L1	D2	W	B	M
NT50-FMC-22150	22	45	150	19	50	10	M10	1×"8산
NT50-FMC-22200			200					
NT50-FMC-22250			250					
NT50-FMC-22300			300					
NT50-FMC-22350			350					
NT50-FMC-22400			400					
NT50-FMC-27150	27	50	150	21	60	12	M12	1×"8산
NT50-FMC-27200			200					
NT50-FMC-27250			250					
NT50-FMC-27300			300					
NT50-FMC-27350			350					
NT50-FMC-27400			400					
NT50-FMC-32150	32	65	150	24	75	14	M14	1×"8산
NT50-FMC-32200			200					
NT50-FMC-32250			250					
NT50-FMC-32300			300					
NT50-FMC-32350			350					
NT50-FMC-32400			400					
BT50-FMC-22150	22	45	150	19	50	10	M10	M24
BT50-FMC-22200			200					
BT50-FMC-22250			250					
BT50-FMC-22300			300					
BT50-FMC-22350			350					
BT50-FMC-22400			400					
BT50-FMC-27150	27	50	150	21	60	12	M12	M24
BT50-FMC-27200			200					
BT50-FMC-27250			250					
BT50-FMC-27300			300					
BT50-FMC-27350			350					
BT50-FMC-27400			400					
BT50-FMC-32150	32	65	150	24	75	14	M14	M24
BT50-FMC-32200			200					
BT50-FMC-32250			250					
BT50-FMC-32300			300					
BT50-FMC-32350			350					
BT50-FMC-32400			400					

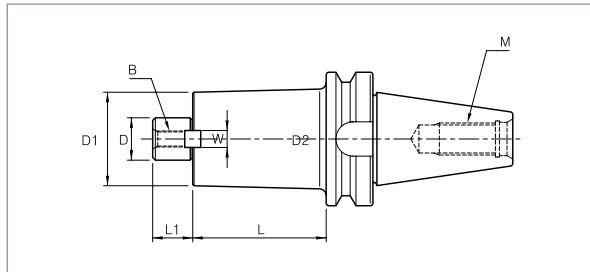
FMC



- 웨이스캇타 롱 아바 / Face Mill Cutter Long Arbor

Part No.	D	D1	L	L1	D2	W	B	M
NT50-FMC-25,4100	25.4	50	100	20	60	9.5	M12	1"×8산
NT50-FMC-25,4150			150					
NT50-FMC-25,4200			200					
NT50-FMC-25,4250			250					
NT50-FMC-25,4300			300					
NT50-FMC-25,4350			350					
NT50-FMC-25,4400			400					
NT50-FMC-31,75100	31.75	70	100	30	80	12.7	M16	1"×8산
NT50-FMC-31,75150			150					
NT50-FMC-31,75200			200					
NT50-FMC-31,75250			250					
NT50-FMC-31,75300			300					
NT50-FMC-31,75350			350					
NT50-FMC-31,75400			400					
NT50-FMC-38,1100	38.1	80	100	36	90	15.9	M20	1"×8산
NT50-FMC-38,1150			150					
NT50-FMC-38,1200			200					
NT50-FMC-38,1250			250					
NT50-FMC-38,1300			300					
NT50-FMC-38,1350			350					
NT50-FMC-38,1400			400					
NT50-FMC-50,8100	50.8	100	100	36	100	19.05	M24	1"×8산
NT50-FMC-50,8150			150					
NT50-FMC-50,8200			200					
NT50-FMC-50,8250			250					
NT50-FMC-50,8300			300					
NT50-FMC-50,8350			350					
NT50-FMC-50,8400			400					

FMC

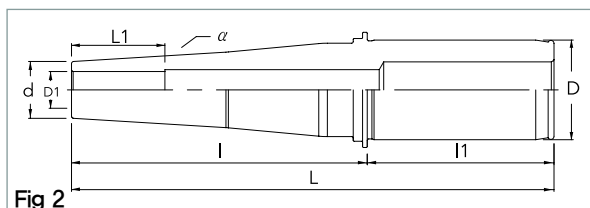
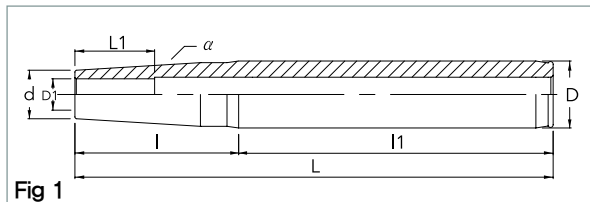


- 웨이스캇타 롱 아바 / Face Mill Cutter Long Arbor

Part No.	D	D1	L	L1	D2	W	B	M
BT50-FMC-31.75100	31.75	70	100	30	80	12.7	M16	M24
BT50-FMC-31.75150			150					
BT50-FMC-31.75200			200					
BT50-FMC-31.75250			250					
BT50-FMC-31.75300			300					
BT50-FMC-31.75350			350					
BT50-FMC-31.75400			400					
BT50-FMC-38.1100	38.1	80	100	36	90	15.9	M20	M24
BT50-FMC-38.1150			150					
BT50-FMC-38.1200			200					
BT50-FMC-38.1250			250					
BT50-FMC-38.1300			300					
BT50-FMC-38.1350			350					
BT50-FMC-38.1400			400					
BT50-FMC-50.8100	50.8	100	100	36	100	19.05	M24	M24
BT50-FMC-50.8150			150					
BT50-FMC-50.8200			200					
BT50-FMC-50.8250			250					
BT50-FMC-50.8300			300					
BT50-FMC-50.8350			350					
BT50-FMC-50.8400			400					

Shrink Fit Chuck

열박음 척 / Shrink Fit Chuck

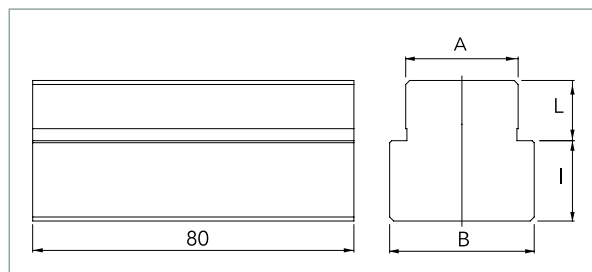


- WELDON SHANK TYPE

Part No.	D	D1	d	α°	L	L1	I	II	Fig
SL20-D06x185L	20	6	12	3° 30"	185	20	77	108	1
SL20-D08x185L	20	8	14			25	58	127	
SL20-D10x185L	20	10	16			30	38	147	
SL25-D12x185L	25	12	18			30	67	118	
SL32-D16x185L	32	16	25			40	100	85	
SC20-D06x185L	20	6	9.5			20	86	99	
SC20-D08x185L	20	8	11.5			25	70	115	
SC20-D10x185L	20	10	13.5			30	55	130	
SC25-D12x185L	25	12	15.5			30	80	105	
SC32-D16x185L	32	16	19.5			40	103	82	
ML32-D06x90S	32	6	12		150	20	90	60	2
ML32-D08x90S	32	8	14			25	90	60	
ML32-D10x90S	32	10	16			30	90	60	
ML32-D12x90S	32	12	18			30	90	60	
ML32-D16x90S	32	16	22			40	90	60	
MC32-D06x55S	32	6	12		115	20	55	60	
MC32-D08x55S	32	8	14			25	55	60	
MC32-D10x55S	32	10	16			30	55	60	
MC32-D12x55S	32	12	18			30	55	60	
MC32-D16x55S	32	16	22			40	55	60	
MC32-D06x45S	32	6	12		105	20	45	60	
MC32-D08x45S	32	8	14			25	45	60	
MC32-D10x45S	32	10	16			30	45	60	
MC32-D12x45S	32	12	18			30	45	60	
MC32-D16x45S	32	16	22			40	45	60	

Block

Settign Block



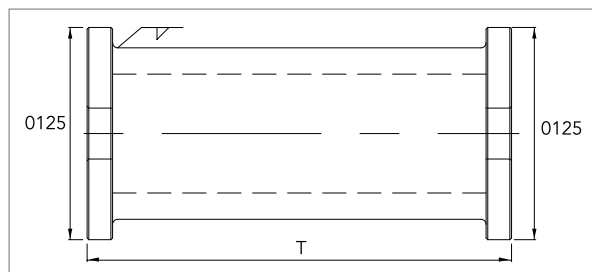
- BLOCK - SETTING BLOCK

Part No.	치수(Dimensions)mm			
	A기계	B제품	L	I
키 블록 KEY BLOCK	22	25	23	18
		25.4		
		27.5		
		28		
		30		
		32		
		36		
		38		
	24	25		
		25.4		
		27.5		
		28		
		30		
		32		
		36		
		38		
	28	25		
		25.4		
		27.5		
		28		
		30		
		32		
		36		
		38		

※ L, I 변경 주문제작 가능.

Block

Settign Block

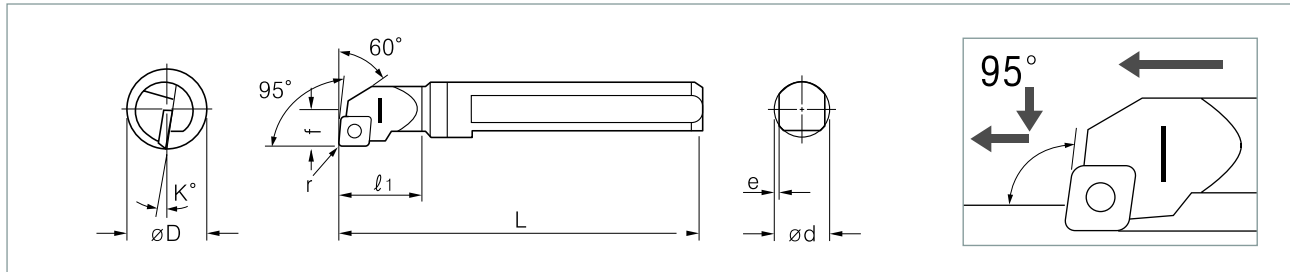


- BLOCK - SETTING BLOCK

Part No.	치수(Dimensions)mm	B제품
	T	
고강도 파이프 블록	100	25
	150	
	200	
	250	
	300	
	350	
	400	

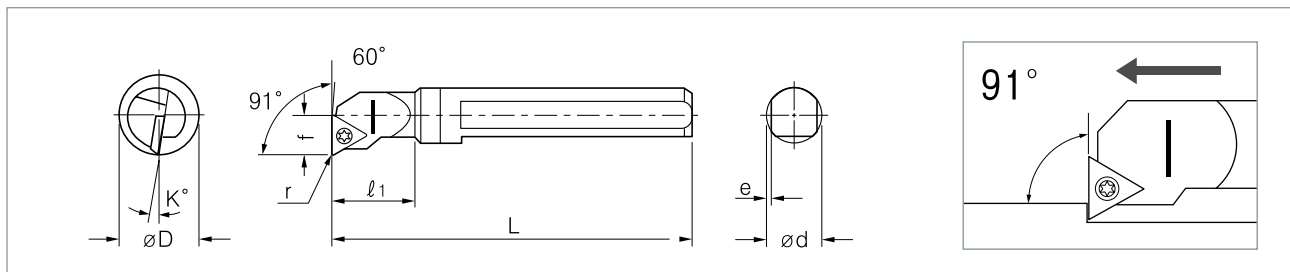
Bo_ring Bar

SCLC



Part No.	在庫	적용범위		SIZE(mm)						D	R		
	R			d	L	l1	F	E	K°				
C08HSCLCR06	●	CCMW CCMT CCGW	0602 	8	100	12	6	0,5	15	11	0,4	TS25	TX08
C10KSCLCR06	●			10	125	16	7	0,5	13	13	0,4		
C12MSCLCR06	●			12	150	20	9	0,5	10	16	0,4		
C16RSCLCR06	●		09T3 	16	200	25	11	1	7	20	0,8	TS4	TX15
C20SSCLCR06	●			20	250	32	13	1	7	25	0,8		

STFC



Part No.	在庫	적용범위		SIZE(mm)						D	R		
	R			d	L	l1	F	E	K°				
C08HSTFCR09	●	TCMW TCMT	0902 	8	100	12	6	0,5	15	11	0,4	TS22	TX06
C10KSTFCR11	●		1102 	10	125	16	7	0,5	13	13	0,4	TS25	TX08
C12MSTFCR11	●			12	150	20	9	0,5	10	16	0,4		
C16RSTFCR11	●			16	200	25	11	1	7	20	0,4		
C20SSTFCR16	●		16T3 	20	200	32	13	1	7	25	0,8	TS4	TX15
C25TSFCR16	●			25	250	40	17	1	5	32	0,8		



WIDIN

CUTTER SERIES

커터시리즈



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