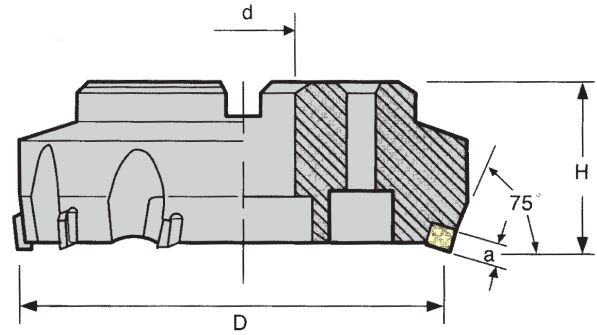




Face Milling Cutter 75°



75°



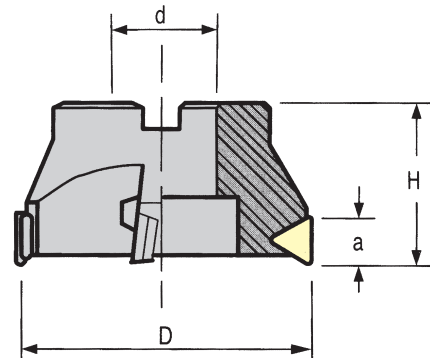
ORDER NO.	D	d	INCH METRIC	H	BLADE	WEIGHT(kg)	CODE NO.
FP-3	80	25.4		50	5	2	6001-090I
		27					6001-090M
FP-4	100	31.75		55	6	3.1	6001-091I
		32					6001-091M
FP-5	125	38.1		60	8	5.3	6001-092I
		40					6001-092M
FP-6	160	50.8		60	10	6.5	6001-093I
		40					6001-093M
FP-8	200	47.625		60	12	9.6	6001-094I
		60					6001-094M
FP-10	250	47.625		60	16	17.1	6001-095I
		60					6001-095M
FP-12	300	47.625		60	20	29.3	6001-096I
		60					6001-096M

INSERT	PARTS				
SPUN-120308 SPKN-120 3 1203EDR					
	SCR-CL5/16	CL-S	SCR-ST-S4	ST-S	WRN-M4T







Face Milling Cutter 90°

90°

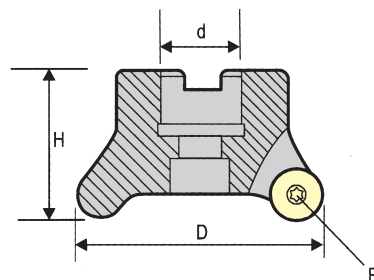


※All inserts are floating price.
Contact us before ordering from F1~F49



ORDER NO.	D	dØ	INCH METRIC	H	a	BLADE	WEIGHT(kg)	INSERT					CODE NO.	
TP-63	63	25.4		50	22	3	0.7	TPMN 2204	ST-T	SCR-W5/16	WRN-M5T	SCR-ST-T4	6001-110I	
		27												6001-110M
TP-80	80	25.4		50	22	4	1.1		ST-T	SCR-W5/16	WRN-M5T	SCR-ST-T4		6001-111I
		27												6001-111M
TP-100	100	31.75		55	22	5	1.9		ST-T	SCR-W5/16	WRN-M5T	SCR-ST-T4		6001-112I
		32												6001-112M
TP-125	125	38.1		60	22	6	3		ST-T	SCR-W5/16	WRN-M5T	SCR-ST-T4		6001-113I
		40												6001-113M
TP-160	160	50.8		60	22	7	4.9		TPKN 2204PPR	ST-T	SCR-W5/16	WRN-M5T	SCR-ST-T4	6001-114I
		40												
TP-200	200	47.625		60	22	8	8.1	ST-T		SCR-W5/16	WRN-M5T	SCR-ST-T4		6001-115I
		60												6001-115M
TP-250	250	47.625		60	22	9	15.9	ST-T		SCR-W5/16	WRN-M5T	SCR-ST-T4		6001-116I
		60												6001-116M
TP-300	300	47.625		60	22	10	28	ST-T	SCR-W5/16	WRN-M5T	SCR-ST-T4		6001-117I	
		60											6001-117M	



Round Insert Milling Cutter

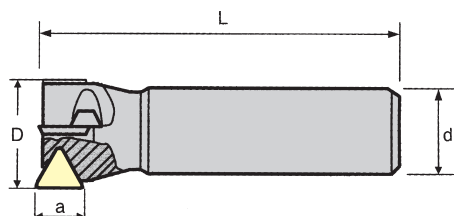




※All inserts are floating price.
Contact us before ordering from F1~F49

ORDER NO.	D	dØ inch metrics	H	BLADE	R	HITACHI INSERT	SCREW FOR INSERT 	FIXING UNIT FOR CLAMP	CLAMP		CODE NO.
RM-5R50	50	- 22	45	4	5	RDMT10T3	SCR-CRS4	SCR-DM3.5	CL-5R	T15	6001-130M
RM-5R63	63	25.4 22	50	5	5	RDMT10T3	SCR-CRS4		CL-5R	T15	6001-131I 6001-131M
RM-8R50	50	- 22	45	3	8	RDMT1604	SCR-CRS5	SCR-W 1/4S		T20	6001-133M
RM-8R63	63	25.4 22	50	3,4	8	RDMT1604	SCR-CRS5			T20	6001-134I 6001-134M



Shoulder End Mills



ORDER NO.	D	d	L	BLADE	INSERT			WEIGHT (kg)	CODE NO.
SAE-20	20	20	110	2	TPMN110308	SCR-W3/16	WRN-M3L	0.4	6001-150
SAE-25	25	20	110	2	TPMN110308	SCR-W3/16	WRN-M3L	0.3	6001-151
SAE-30	30	20	130	2	TPMN160308	SCR-W1/4	WRN-M4L	0.5	6001-152
SAE-35	35	20	130	2	TPMN160308	SCR-W1/4	WRN-M4L	0.4	6001-153
SAE-40	40	20	130	3	TPMN160308	SCR-W1/4	WRN-M4L	0.5	6001-154
SAE-45	45	20	130	3	TPMN160308	SCR-W1/4	WRN-M4L	0.6	6001-155
SAE-50	50	20	130	3	TPMN160308	SCR-W1/4	WRN-M4L	0.7	6001-156
SAE-63	63	32	150	4	TPMN160308	SCR-W1/4	WRN-M4L	1.5	6001-157



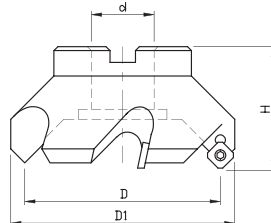
High-Speed Face Milling Cutter 45°



VERTEX®

45°

NEW



※All inserts are floating price.
Contact us before ordering from F1~F49

- Material : SNCM439
- Hardness : HRC42
- Accuracy : 0.03 mm

ORDER NO.	D	D1	dØ	INCH METRIC	H	BLADE	WEIGHT(kg)	INSERT	FIXING UNIT	WRENCH	CODE NO.
HCB-50	50	60	-	22	45	4	0.53	SEKT1204	SCR-SE5	T20	6001-170M
HCB-63	63	75	25.4	27	50	5	0.83	SEKT1204	SCR-SE5	T20	6001-171I 6001-171M
HCB-80	80	96	25.4	27	55	6	1.24	SEKT1204	SCR-SE5	T20	6001-172I 6001-172M
HCB-100	100	116	31.75	32	55	6	1.83	SEKT1204	SCR-SE5	T20	6001-173I 6001-173M
HCB-125	125	141	38.1	40	60	8	3.09	SEKT1204	SCR-SE5	T20	6001-174I 6001-174M
HCB-150	150	158	50.8	40	60	10	4.06	SEKT1204	SCR-SE5	T20	6001-175I 6001-175M
HCB-200	200	212	47.625	60	60	12	7.68	SEKT1204	SCR-SE5	T20	6001-176I 6001-176M

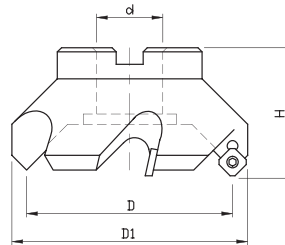


High-Speed Face Milling Cutter 45°

ZINC COATED

45°

NEW



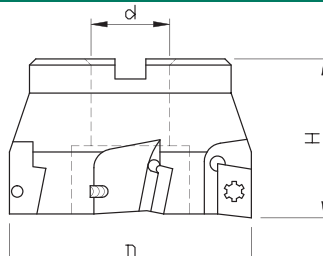
- Material : SNCM439
- Hardness : HRC42
- Accuracy : 0.03 mm

ORDER NO.	D	D1	dØ	INCH METRIC	H	BLADE	WEIGHT(kg)	INCH METRIC	INSERT	FIXING UNIT	WRENCH	CODE NO.
HCN-63	63	175	25.4	22	50	5	0.87		SEMT13T3	SCR-SE4	T15	6001-190I 6001-190M
HCN-80	80	96	25.4	27	55	6	1.24		SEMT13T3	SCR-SE4	T15	6001-191I 6001-191M
HCN-100	100	116	31.75	32	55	6	1.83		SEMT13T3	SCR-SE4	T15	6001-192I 6001-192M
HCN-125	125	141	38.1	40	60	8			SEMT13T3	SCR-SE4	T15	6001-193I 6001-193M
HCN-150	160	158	50.8	40	60	10	3.82		SEMT13T3	SCR-SE4	T15	6001-194I 6001-194M
HCN-200	200	212	47.625	60	60	12	7.88		SEMT13T3	SCR-SE4	T15	6001-195I 6001-195M



High-Speed Face Milling Cutter

NEW

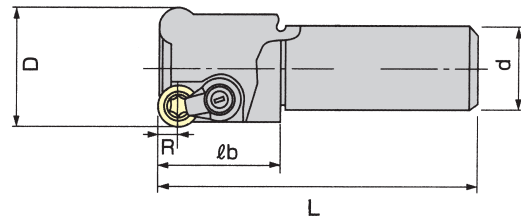


- Material : SNCM439
- Hardness : HRC42
- Accuracy : 0.03 mm

ORDER NO.	D	dØ	INCH METRIC	H	BLADE	WEIGHT(kg)	INSERT	FIXING UNIT	WRENCH	CODE NO.
FMC-50	50	25.4	22	40	4	0.34	APMT1604	SCR-CAP4	T15	6001-200I 6001-200M
FMC-63	63	25.4	22	40	5	0.57	APMT1604	SCR-CAP4	T15	6001-201I 6001-201M
FMC-80	80	25.4	27	50	6	1.15	APMT1604	SCR-CAP4	T15	6001-202I 6001-202M
FMC-100	100	31.75	32	50	7	1.83	APMT1604	SCR-CAP4	T15	6001-203I 6001-203M
FMC-125	125	38.1	40	50	8	2.99	APMT1604	SCR-CAP4	T15	6001-204I 6001-204M
FMC-160	160	38.1	40	50	10	5.07	APMT1604	SCR-CAP4	T15	6001-205I 6001-205M





Round Insert End Mills



※All inserts are floating price.

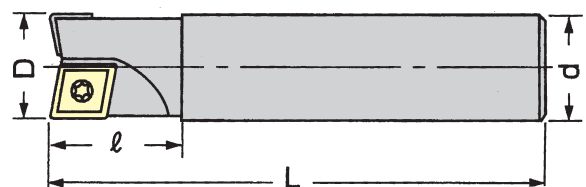
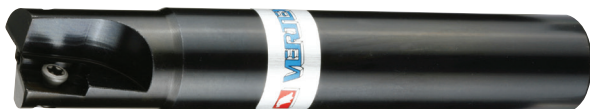
Contact us before ordering from F1~F49

ORDER NO.	BLADE	D	L	d	lb	R	HITACHI INSERT	CLAMP	FIXING UNIT FOR CLAMP	FIXING UNIT FOR INSERT			CODE NO.
C20-4R20-150	2	20	150	20	50	4	RDMT0802	-	SCR-DM3.5	SCR-CRS3	T8	6002-001	
C25-5R25-150	2	25	150	25	60	5	RDMT10T3	CL-5R		SCR-CRS4	T15	6002-002	
C25-5R25-200	2	25	200	25	120	5	RDMT10T3	CL-5R		SCR-CRS4	T15	6002-003	
C25-5R30-150	2	30	150	25	50	5	RDMT10T3	CL-5R		SCR-CRS4	T15	6002-004	
C25-5R30-200	2	30	200	25	50	5	RDMT10T3	CL-5R		SCR-CRS4	T15	6002-005	
C32-5R32-150	3	32	150	32	70	5	RDMT10T3	CL-5R		SCR-CRS4	T15	6002-006	
C32-5R32-200	3	32	200	32	120	5	RDMT10T3	CL-5R		SCR-CRS4	T15	6002-007	
C32-5R35X150	3	35	150	32	50	5	RDMT10T3	CL-5R		SCR-CRS4	T15	6002-008	
C32-5R35X200	3	35	200	32	50	5	RDMT10T3	CL-5R		SCR-CRS4	T15	6002-009	
C32-5R40X150	3	40	150	32	50	5	RDMT10T3	CL-5R		SCR-CRS4	T15	6002-010	
C32-5R40X200	3	40	200	32	50	5	RDMT10T3	CL-5R		SCR-CRS4	T15	6002-011	



Drilling & Milling Cutter

SPECIAL TYPE



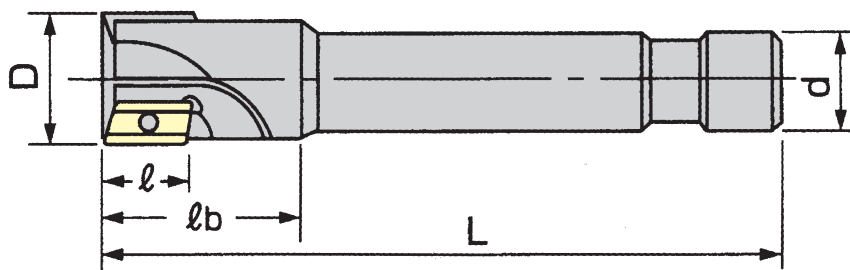
※Need To Order 2 Type Of Inserts

Insert's Type : Big & Small Type

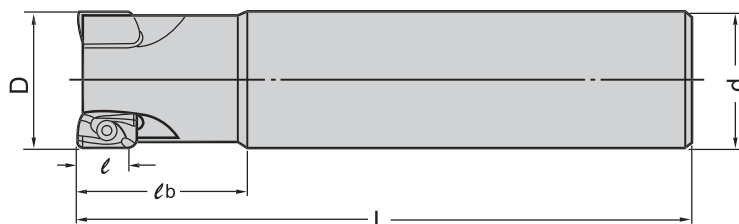
ORDER NO.	BLADE	D	L	d	l	Insert Small	Insert Big				CODE NO.
C16-DM16-120	2	16	120	16	30	CCMT060204	CPMT080204Z	SCR-CJU2.5	-	T8	6002-030
C16-DM16-175	2	16	175	16	40	CCMT060204	CPMT080204Z	SCR-CJU2.5	-	T8	6002-031
C20-DM20-130	2	20	130	20	30	CCMT060204	CPMT090204Z	SCR-CJU2.5	SCR-CJU3.5	T8.T15	6002-032
C20-DM20-185	2	20	185	20	50	CCMT060204	CPMT090204Z	SCR-CJU2.5	SCR-CJU3.5	T8.T15	6002-033
C25-DM25-130	2	25	130	25	40	CPMT090308	CPMT120308Z	SCR-CJU4	-	T15	6002-034
C25-DM25-220	2	25	220	25	70	CPMT090308	CPMT120308Z	SCR-CJU4	-	T15	6002-035
C32-DM32-170	2	32	170	32	50	CPMT120408	CPMT160408Z	SCR-CJU5	-	T20	6002-036
C32-DM32-250	2	32	250	32	80	CPMT120408	CPMT160408Z	SCR-CJU5	-	T20	6002-037


















C16-SS16-120H



C25-SS25-150M



※All inserts are floating price.
Contact us before ordering from F1~F49

ORDER NO.	BLADE	D	L	d	l	lb	HITACHI / MITSUBISHI			CODE NO.	
C16-SS16-120H	1	16	120	16	12	30	APET120204 HITACHI		SCR-CEX3.5	T15	6002-060
C20-SS20-120H	2	20	120	20	12	30	APET120204 HITACHI		SCR-CEX3.5	T15	6002-062
C20-SS20-200H	2	20	200	20	15	30	APET120204 HITACHI		SCR-CEX4	T15	6002-063
C25-SS25-130H	2	25	130	25	15	35	ADET160304 HITACHI		SCR-CEX4	T15	6002-064
C25-SS25-200H	2	25	200	25	15	35	ADET160304 HITACHI		SCR-CEX4	T15	6002-065
C32-SS32-150H	3	32	150	32	15	45	ADET160304 HITACHI		SCR-CEX4	T15	6002-066
C32-SS32-200H	3	32	200	32	15	45	ADET160304 HITACHI		SCR-CEX4	T15	6002-067
C25-SS25-150M	2	25	150	25	14	35	APMT1604PDER MITSUBISHI		SCR-CAP4	T15	6002-069
C25-SS30-150M	2	30	150	25	14	45	APMT1604PDER MITSUBISHI		SCR-CAP4	T15	6002-070
C32-SS32-150M	3	32	150	32	14	45	APMT1604PDER MITSUBISHI		SCR-CAP4	T15	6002-080
C32-SS32-250M	3	32	250	32	-	60	APMT1604PDER MITSUBISHI		SCR-CAP4	T15	6002-081
C32-SS35-150M	3	35	150	32	14	45	APMT1604PDER MITSUBISHI		SCR-CAP4	T15	6002-082
C32-SS40-150M	4	40	150	32	14	45	APMT1604PDER MITSUBISHI		SCR-CAP4	T15	6002-083