

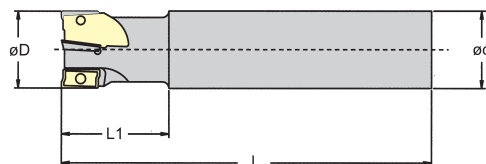


High-Speed Rough End Mills



VERTEX®

Mitsubishi inserts recommended



※All inserts are floating price.

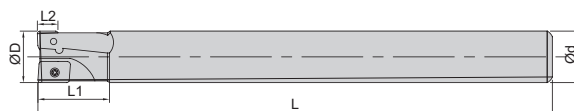
Contact us before ordering from F1~F49

ORDER NO.	BLADE	D	d	L	L1	INSERT	FIXING UNIT	WRENCH	CODE NO.
VAPX-1616	2	16	16	120	24	MITSUBISHI AOMT 123608	SCR- APX2.5	T8	6002-150
VAPX-1716	2	17	16	150	24				6002-151
VAPX-2020	3	20	20	150	29				6002-152
VAPX-2120	3	21	20	150	29				6002-153
VAPX-2525	4	25	25	150	34				6002-154
VAPX-2625	4	26	25	200	34				6002-155



High-Speed Rough End Mills

NEW



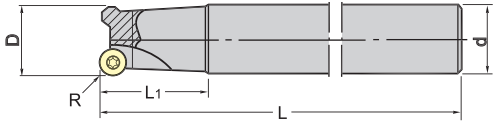
ORDER NO.	BLADE	D	d	L	L1	L2			WRENCH	WEIGHT (KG)	CODE NO.
VHRE-21010	2	10	10	100	28	5			T6	0.07	6002-171
VHRE-21110	2	11	10	100	28	5				0.07	6002-172
VHRE-21212	2	12	12	120	28	5				0.11	6002-173
VHRE-21312	2	13	12	120	33	5				0.11	6002-174
VHRE-31412	3	14	12	120	25	5				0.11	6002-175
VHRE-22085	2	20	20	85	26	11			T10	0.34	6002-181
VHRE-22015	2	20	20	150	26	11				0.36	6002-182
VHRE-22020	2	20	20	200	26	11				0.49	6002-183
VHRE-22215	2	22	20	150	26	11				0.37	6002-184
VHRE-32595	3	25	25	95	32	11				0.34	6002-185
VHRE-32515	3	25	25	150	32	11				0.54	6002-186
VHRE-32520	3	25	25	200	32	11				0.75	6002-187





CRT Round Insert End Mills



Mitsubishi inserts recommended

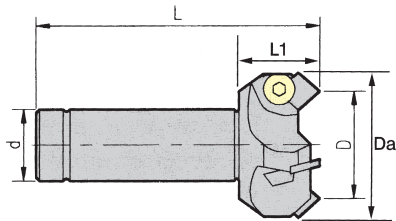




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ORDER NO.	D	d	R	L	BLADE	INSERT			CLAMP	WEIGHT (kg)	CODE NO.
CRT-6R32X150	32	32	6	150	3	RPMT1204MO	SCR-M3.5	SCR-CRT4	CL-CRT	0.9	6003-051
CRT-6R32X200	32	32	6	200	3	RPMT1204MO	SCR-M3.5	SCR-CRT4	CL-CRT	1.3	6003-052
CRT-6R35X150	35	32	6	150	3	RPMT1204MO	SCR-M3.5	SCR-CRT4	CL-CRT	1.1	6003-053
CRT-6R35X200	35	32	6	200	3	RPMT1204MO	SCR-M3.5	SCR-CRT4	CL-CRT	1.3	6003-054



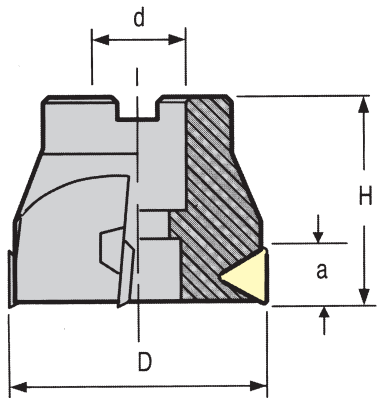
Face End Mills





ORDER NO.	D	Da	d	L	L ₁	BLADE	INSERT			WEIGHT (kg)	CODE NO.
C-32-SE445-50	50	62	32	150	45	3	SEKN1203	SCR-W1/4L	WRN-M4T	1.25	6003-060
C-32-SE445-63	63	74	32	150	45	4	SEKN1203	SCR-W1/4L	WRN-M4T	1.3	6003-061



Shoulder Face Milling Cutter



ORDER NO.	D	d METRIC	H	a	BLADE	INSERT			CODE NO.
TPS-50	50	22	50	16	3	TPMN1603	SCR-W1/4	WRN-M4L	6003-065
TPS-63	63	22	50	16	4	TPMN1603	SCR-W1/4	WRN-M4L	6003-066

INSERT END MILLS



45° Chamfering End Mills



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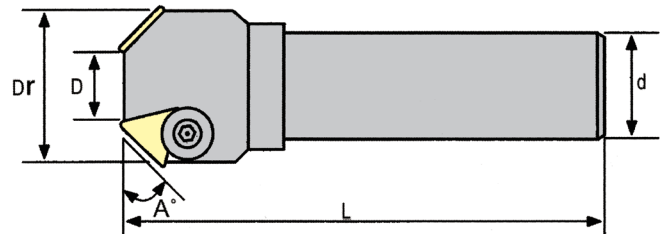


ORDER NO.	Cutter Dia.	Shank Dia.	Length	Capacity	FIXING UNIT	Wrench	INSERT	WEIGHT (kg)	CODE NO.
TC12	25ø	12ø	110	8ø~25ø	M4	T15	TCMT16T304	0.2	6004-002
TC40	40ø	12ø	100	20ø~36ø	M4	T15	TCMT16T304	0.34	6004-003



45° Chamfering End Mills

ISO CODE

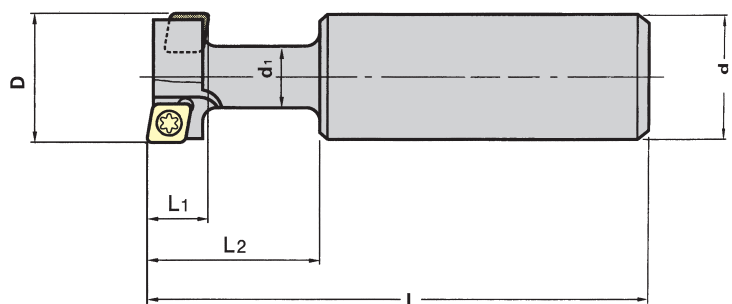
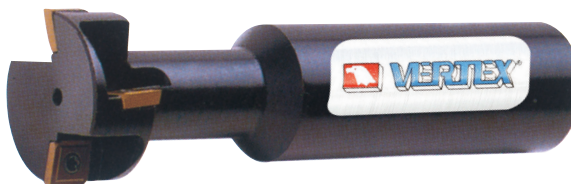


ORDER NO.	A°	D	Dr	d	L	BLADE	INSERT	FIXING UNIT	WRENCH	CODE NO.
VCE-4521	45	5	21	16	120	1	TPUN1603	SCR-W1/4	WRN-M4L	6004-005
VCE-4531	45	10	31	20	120	2				6004-006
VCE-4550	45	20	50	25	130	3	TPUN2204	SCR-W5/16	WRN-M5L	6004-007
VCE-4532	45	6	32	32	150	1				6004-008
VCE-4563	45	35	63	25	150	3				6004-009



T-Slot End Mills

ISO CODE



ORDER NO.	D	L1	d	d1	L2	L	BLADE	INSERT	FIXING UNIT	WRENCH	WEIGHT	CODE NO.
VTE-2411	24	11	20	12	29	90	4	CCMT-060204	SCR-TS2.5	T8	0.19	6004-015
VTE-3114	31	14	25	15	42	110	4	CPMT-080204Z			0.36	6004-016
VTE-3918	39	18	32	19	49	120	4	CPMT-090308	SCR-TS4	T15	0.61	6004-017
VTE-4922	49	22	32	25	60	140	4	CPMT-120408	SCR-TS5	T20	0.82	6004-018



Chamfer Tool

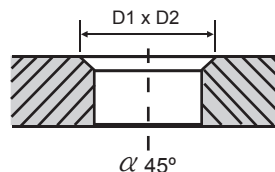
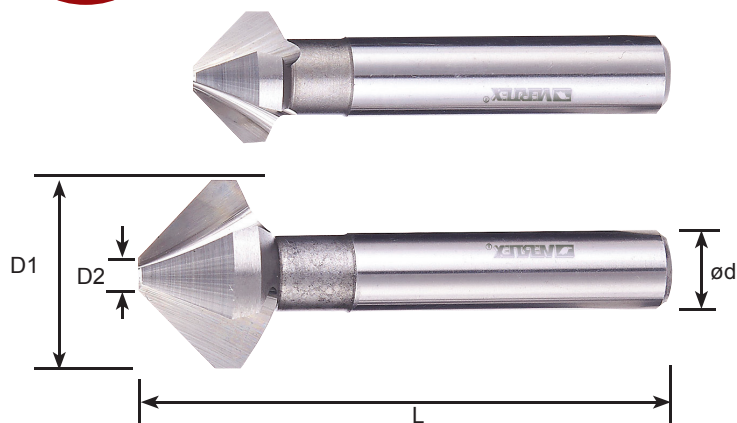
High Speed steel $\theta 90^\circ$
H.S.S.



VERTEX[®]

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- Counter sink hole
- Uncoated
- Flutes
- Cutting Angle: 90°
- Round SHANK
- Material: H.S.S.

Unit : mm

ORDER NO.	D1	D2	L mm	SHANK Ød	CODE NO.
CTH-51	5.0	1.5	40	4	6004-041
CTH-61	6.3	1.5	45	5	6004-042
CTH-82	8.3	2	50	6	6004-043
CTH-102	10.4	2.5	50	6	6004-044
CTH-122	12.4	2.8	56	8	6004-045
CTH-132	13.4	2.9	56	8	6004-046
CTH-163	16.5	3.2	60	10	6004-047
CTH-203	20.5	3.5	63	10	6004-048
CTH-253	25.0	3.8	67	10	6004-049
CTH-314	31.0	4.2	71	12	6004-050



Chamfer Tool 6 Pcs Kits

High speed steel 90°
H.S.S.

CHAMFER TOOL

NEW



- Counter sink hole
- Uncoated
- Flutes
- Cutting Angle: 90°
- Round SHANK
- Material: H.S.S.

CTH - A INCLUDING \varnothing 6.3, 8.3, 10.4, 12.4, 16.5, 20.5 MM 6 PCS/SET

ORDER NO.	PCS/SET	WEIGHT(KG)	CODE NO.
CTH-A	6 PCS	0.5	6004-055



Side Milling Cutter



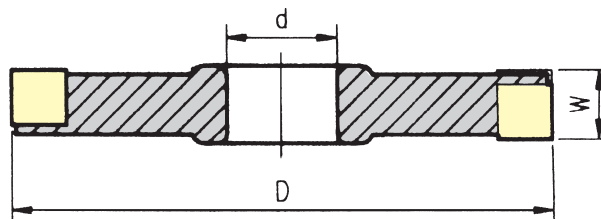
VERTEX®



※All inserts are floating price.

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ISO CODE



ORDER NO.	D	d	W	BLADE	INSERT	CLAMP	FIXING UNIT	WRENCH	CODE NO.
VSM-1016	100	1"	16	10	SPUN 120304	CL-S CL-SL	SCR- CL5/16	WRN-M4T	6004-020
VSM-1216	125	1"	16	14					6004-021
VSM-1516	150	1"	16	16					6004-022
VSM-2016	200	1"	16	20					6004-023

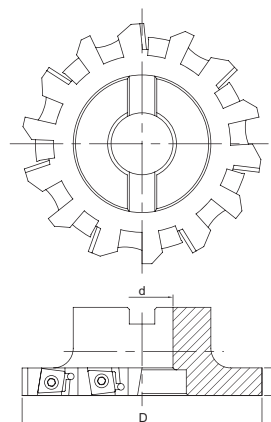
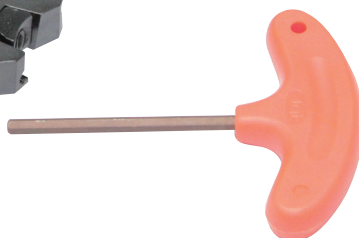


T-Side Milling Cutter



NEW



● Inserts : ISO Code



mm

ORDER NO.	BLADE	D	d	W			CLAMP	WRENCH	WEIGHT (kgs)	CODE NO.
VTSC-416	10	100	25.4	16	SPUN-1203	SCR-CL5/16	CL-S CL-SL	WRN-M4T	0.84	6004-161
VTSC-516	14	125	31.75	16					1.64	6004-162
VTSC-520	14	125	31.75	20	SPUN-1504				1.73	6004-163
VTSC-616	16	150	31.75	16	SPUN-1203				2.20	6004-164
VTSC-620	16	150	31.75	20	SPUN-1504				2.48	6004-165
VTSC-820	20	200	31.75	20					4.38	6004-166
VTSC-825	20	200	31.75	25					5.23	6004-167

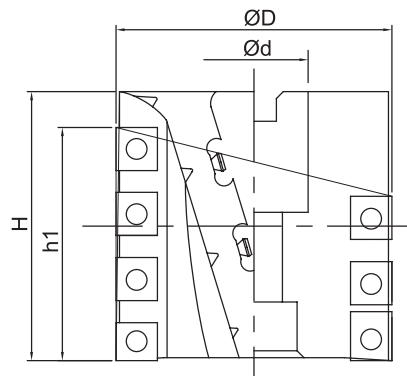


Shell-Type Rough Milling Cutter

NEW



● Inserts : Walter / Hitachi



mm

ORDER NO.	FLUTE	D	d	INCH METRIC	H	h1	INSERT		INSERT			WRENCH	WEIGHT (kgs)	CODE NO.
VSRC-3	6	80	31.75	80	67	LPMT 1504	3	SPMT 1204	18	SCR- RGH5	T20		1.85	6004-171I
VSRC-80			32										1.85	6004-171M