

A - TURNING

B - THREADING

C - GROOVING

D - MILLING

E - DRILLING

F - ACCESSORIES

G - SPARE PARTS

V SCLC

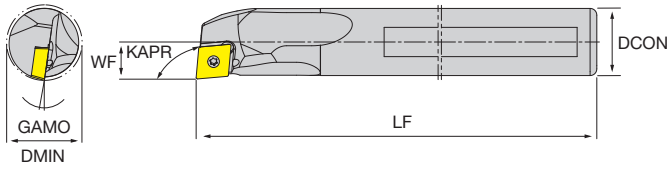
ISO - CC

- Internal turning (KAPR 95°)
- Vortex boring bar (high quality steel) with internal coolant through. Maximum overhang: 5xDCON
- Holds CC-style inserts, tightened by screws
- Special chip evacuation path

VORTEX

with internal coolant

Right-hand shown



Designation	Stock		DMIN	DCON	WF	LF	LH	LPR	KAPR	GAMO		MIID
	L	R										
NT-V08H-SCLC/φ06-10	●	●	10	8	5	100	-	-	95°	14°		CC∞0602∞
NT-V10K-SCLC/φ06-12	●	●	12	10	6	125	-	-	95°	12°		CC∞0602∞
NT-V12M-SCLC/φ06-14	●	●	14	12	7	150	-	-	95°	10°		CC∞0602∞
NT-V12M-SCLC/φ09-14	●	●	14	12	7	150	-	-	95°	12°		CC∞09T3∞
NT-V16Q-SCLC/φ09-18	●	●	18	16	9	180	-	-	95°	10°		CC∞09T3∞
NT-V20R-SCLC/φ09-22	●	●	22	20	11	200	-	-	95°	8°		CC∞09T3∞
NT-V25S-SCLC/φ09-27	●	●	27	25	13.5	250	-	-	95°	6°		CC∞09T3∞
NT-V20R-SCLC/φ12-25	●	●	25	20	13	200	-	-	95°	7°		CC∞1204∞
NT-V25S-SCLC/φ12-32	●	●	32	25	17	250	-	-	95°	5°		CC∞1204∞

● stock standard, ○ non-standard stock, ▲ upcoming introduction, ▽ stock exhaustion

Spare parts	Insert screws	Flag wrenches
NT-V08H-SCLC/φ06-10	NT-ST25050T07	NT-FT07
NT-V10K-SCLC/φ06-12	NT-ST25060T07	NT-FT07
NT-V12M-SCLC/φ06-14	NT-ST25060T07	NT-FT07
NT-V12M-SCLC/φ09-14	NT-ST35073T15	NT-FT15
NT-V16Q-SCLC/φ09-18	NT-ST35073T15	NT-FT15
NT-V20R-SCLC/φ09-22	NT-ST35089T15	NT-FT15
NT-V25S-SCLC/φ09-27	NT-ST35089T15	NT-FT15
NT-V20R-SCLC/φ12-25	NT-ST40115T15	NT-FT15
NT-V25S-SCLC/φ12-32	NT-ST40115T15	NT-FT15

V SDQC

ISO - DC

- Internal turning (KAPR 107.5°)
- Vortex boring bar (high quality steel) with internal coolant through. Maximum overhang: 5xDCON
- Holds DC-style inserts, tightened by screws
- Special chip evacuation path

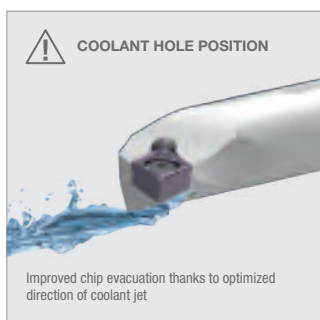
VORTEX
with internal coolant

Right-hand shown

Designation	Stock		DMIN	DCON	WF	LF	LH	LPR	KAPR	GAMO	MIID
	L	R									
NT-V10K-SDQC/ø07-13	●	●	13	10	7.7	125	-	-	107.5°	10°	DC∞0702∞
NT-V12M-SDQC/ø07-16	●	●	16	12	9.7	150	-	-	107.5°	8°	DC∞0702∞
NT-V16Q-SDQC/ø07-20	●	●	20	16	11.7	180	-	-	107.5°	6°	DC∞0702∞
NT-V20R-SDQC/ø07-25	●	●	25	20	13.7	200	-	-	107.5°	5°	DC∞0702∞
NT-V16Q-SDQC/ø11-20	●	●	20	16	11.5	180	-	-	107.5°	6°	DC∞11T3∞
NT-V20R-SDQC/ø11-25	●	●	25	20	14.4	200	-	-	107.5°	5°	DC∞11T3∞
NT-V25S-SDQC/ø11-30	●	●	30	25	16.9	250	-	-	107.5°	4°	DC∞11T3∞

● stock standard, ○ non-standard stock, ▲ upcoming introduction, ▽ stock exhaustion

Spare parts	Insert screws	Flag wrenches
NT-V∞∞-SDQC/ø07-∞	NT-ST25060T07	NT-FT07
NT-V∞∞-SDQC/ø11-∞	NT-ST35089T15B	NT-FT15



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V SDUC

ISO - DC

- Internal turning (KAPR 93°)
- Vortex boring bar (high quality steel) with internal coolant through. Maximum overhang: 5xDCON
- Holds DC-style inserts, tightened by screws
- Special chip evacuation path

VORTEX
▲ with internal coolant

Right-hand shown

Designation	Stock		DMIN	DCON	WF	LF	LH	LPR	KAPR	GAMO	MIID
	L	R									
NT-V10K-SDUC ^{1/8} -07-14	●	●	14	10	8.7	125	-	-	93°	5°	DC∞0702∞
NT-V12M-SDUC ^{1/8} -07-16	●	●	16	12	9.7	150	-	-	93°	5°	DC∞0702∞
NT-V16Q-SDUC ^{1/8} -07-20	●	●	20	16	11.7	180	-	-	93°	5°	DC∞0702∞
NT-V20R-SDUC ^{1/8} -07-25	●	●	25	20	13.7	200	-	-	93°	5°	DC∞0702∞
NT-V16Q-SDUC ^{1/8} -11-23	●	●	23	16	14.5	180	-	-	93°	5°	DC∞11T3∞
NT-V20R-SDUC ^{1/8} -11-27	●	●	27	20	16.5	200	-	-	93°	5°	DC∞11T3∞
NT-V25S-SDUC ^{1/8} -11-32	●	●	32	25	19	250	-	-	93°	5°	DC∞11T3∞

● stock standard, ○ non-standard stock, ▲ upcoming introduction, ▽ stock exhaustion

Spare parts	Insert screws	Flag wrenches
NT-V∞∞-SDUC ^{1/8} -07-∞	NT-ST25060T07	NT-FT07
NT-V∞∞-SDUC ^{1/8} -11-∞	NT-ST35089T15B	NT-FT15



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V SVJB

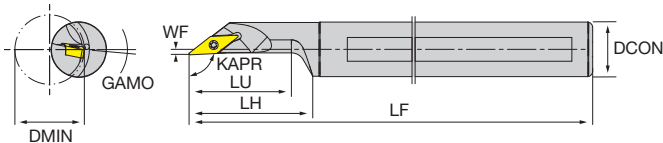
ISO - VB

- Internal turning (KAPR 93°)
- Vortex boring bar (high quality steel) with internal coolant through. Maximum overhang: 5xDCON
- Holds VB-style inserts, tightened by screws
- Special chip evacuation path

VORTEX

with internal coolant

Right-hand shown



Designation	Stock		DMIN	DCON	WF	LF	LH	LU	KAPR	GAMO		MIID
	L	R										
NT-V20R-SVJB ^{1/8} 11-25	●	●	25	20	2	200	48	37.5	93°	5°		VB [∞] 1103 [∞]
NT-V25S-SVJB ^{1/8} 11-30	●	●	30	25	3.5	250	58	46	93°	5°		VB [∞] 1103 [∞]

● stock standard, ○ non-standard stock, ▲ upcoming introduction, ▽ stock exhaustion

Spare parts	Insert screws	Flag wrenches
		
NT-V [∞] -SVJB ^{1/8} 11- [∞]	NT-ST25060T07	NT-FT07