

切削工具样本 Cutting Tools Catalog

SOLID CARBIDE

Endmill | Thread Milling
Drills | Anti-vibration Boring Bar



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SOLID CARBIDE

Endmill | Thread Milling | Drills | Anti-vibration Boring Bar



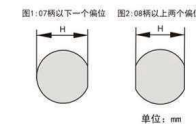
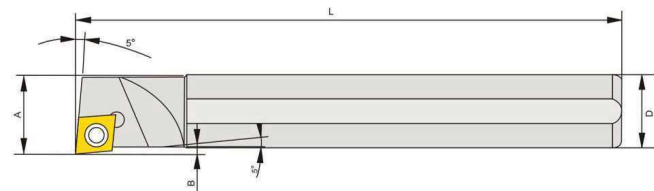
Vol.02
2022.6-

Solid Carbide 硬质合金抗震刀杆

Anti-vibration Boring Bar



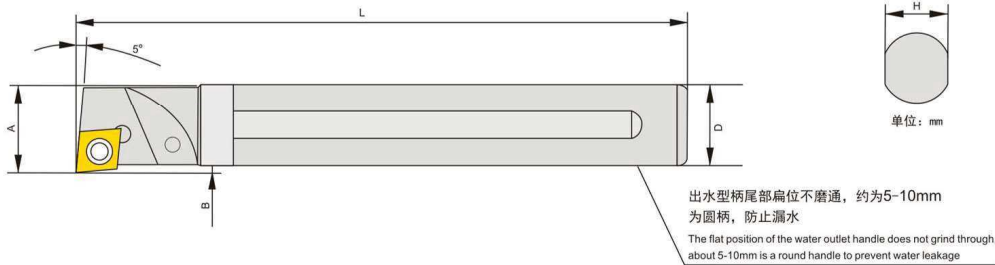
实心强力型 SCLCR 菱形80° Solid Powerful SCLCR Rhombus 80°



刀尖的标准配置 Standard configuration of tool tip
CC03/CC04=R0.2
CC06/CC09=R0.4
CC12=R0.8

注意：由于刀杆硬度较高，刀片位于不受冲击力，在加工盲孔不当吋，主切削大面积接触会发生刀头崩裂现象。
Note: Due to the high hardness of the cutter bar, the blade is not subject to impact. When the blind hole is processed improperly, the main cutting edge will contact with a large area and the cutter head will crack.

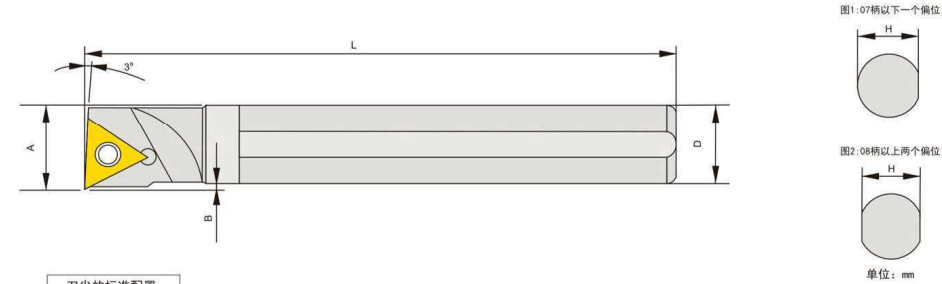
型号规格 specification	柄径 D	总长 L	大小 A	刀深 B	孔径 Hole diameter	螺丝-扳手 Screw Wrench T	刀片型号Insert E
C04G-SCLCR03	04	90	4.5	0.5	4.8	M1.6-T6	CC--03S1
C05H-SCLCR03	05	100	5.5	0.5	5.8		
C06J-SCLCR03	06	110	6.5	0.5	6.8		
C05H-SCLCR04	05	100	5.5	0.5	5.8	M2.0-T6	CC--04T0
C06J-SCLCR04	06	110	6.5	0.5	6.8		
C07K-SCLCR04	07	125	7.5	0.5	7.8		
C08K-SCLCR04	08	125	8.5	0.5	8.8	M2.5-T8	CC--0602
C06J-SCLCR06	06	110	7.5	1.5	8.5		
C07K-SCLCR06	07	125	8	1.0	9		
C08K-SCLCR06	08	125	9	1.0	10	M3.5-T15	CC--09T3
C08M-SCLCR06	08	150	9	1.0	10		
C10K-SCLCR06	10	125	11	1.0	12		
C10M-SCLCR06	10	150	11	1.0	12	M2.5-T8	CC--0602
C12Q(M)-SCLCR06	12	180/150	13	1.0	14		
C12Q-SCLCR09	12	180	13.5	1.5	15	M3.5-T15	CC--09T3
C14Q-SCLCR06	14	180	15	1.0	16		
C16R-SCLCR06	16	200	17	1.0	18		
C16Q-SCLCR09	16	180	17	1.0	18	M4.0-T15	CC--09T3
C14Q-SCLCR09	14	180	15	1.0	16		
C16R-SCLCR09	16	200	17	1.0	18		
C18R-SCLCR09	18	200	19	1.0	20	M5.0-T20	CC--1204
C18S-SCLCR09	18	250	19	1.0	20		
C20R-SCLCR09	20	200	21	1.0	22		
C20S-SCLCR09	20	250	21	1.0/1.5	22/25	M4.0-T15	CC--09T3
C25S-SCLCR09	25	250	28	3.0	29		
C25T-SCLCR09	25	300	28	3.0	29		
C32U-SCLCR09	32	350	35	3.0	38	M5.0-T20	CC--1204
C32U-SCLCR12	32	350	35	3.0	38		
C40X-SCLCR12	40	370	44	4.0	48		

SCLPR 菱形80°
SCLCR Rhombus 80°

刀尖的标准配置
Standard configuration of tool tip
CP08=R0.4
CP09=R0.4

特点: 粗加工高效的金属去除率。
Features: Efficient metal removal rate for rough machining.

型号规格 specification	柄径	总长	大小	刀深	孔径 Hole diameter	螺丝-扳手 Screw Wrench	刀片型号Insert
	D	L	A	B		T	E
实心强力型Solid Powerful							
C10M-SCLPR08	10	150	11	1.0	12	M3. 0-T8	CP--0802
C12Q-SCLPR09	12	180	14	2.0	16	M3. 5-T15	CP--0903
C14Q-SCLPR09	14	180	16	2.0	18		
C16R-SCLPR09	16	200	18	2.0	20		
C20S-SCLPR09	20	250	22	2.0	24	M4. 0-T15	CP--0903
C25T-SCLPR09	25	300	28	3.0	30		
C32U-SCLPR09	32	350	35	3.0	38		
中心出水型Center outlet type							
E10M-SCLPR08	10	150	11	1.0	12	M3. 0-T8	CP--0802
E12Q-SCLPR09	12	180	14	2.0	16	M3. 5-T15	CP--0903
E14Q-SCLPR09	14	180	16	2.0	18		
E16R-SCLPR09	16	200	18	2.0	20		
E20S-SCLPR09	20	250	22	2.0	24	M4. 0-T15	CP--0903
E25T-SCLPR09	25	300	28	3.0	30		
E32U-SCLPR09	32	350	35	3.0	38		
强力高速钢Strong high speed steel							
H10K-SCLPR08	10	150	11	1.0	12	M3. 0-T8	CP--0802
H12L-SCLPR09	12	180	13	1.0	16	M3. 5-T15	CP--0903
H14M-SCLPR09	14	180	15	1.0	18		
H16Q-SCLPR09	16	200	17	1.0	20		
H20R-SCLPR09	20	250	21	1.0	24	M4. 0-T15	CP--0903
H25S-SCLPR09	25	300	27	2.0	30		
H32T-SCLPR09	32	350	35	3.0	38		

STUB/C/P-R 三角形60°
STUB/C/P-R Triangle 60°

刀尖的标准配置
Standard configuration of tool tip
TB06/TP08=R0.1
TP09/TP11=R0.2
TC09/TC11=R0.4

特点: 主要应用于精加工或软金属的切削。
Features: Mainly used in cutting finishing or soft metal.

型号规格 specification	柄径 D	总长 L	大小 A	刀深 B	孔径 Hole diameter	螺丝-扳手 Screw Wrench T	刀片型号Insert E
C06J-STUBR06	06	110	6.5	0.5	6.8	M2. 0-T6	TB--0601 TC--0601
C07K-STUBR06	07	125	7.5	0.5	7.8		
C08K-STUBR06	08	125	8.5	0.5	8.8		
C10M-STUBR06	10	150	10.5	0.5	11	M2. 2-T7	TP--0802
C07K-STUPR08	07	125	08	1.0	09		
C08K-STUPR08	08	125	09	1.0	10		
C08K-STUPR09	08	125	09	1.0	10	M2. 5-T8	TP--0902
C10K(M)-STUPR09	10	150	11	1.0	12		
C12Q-STUPR09	12	125/150	13	1.0	14		
C10K(M)-STUPR11	10	125/150	11	1.0	12	M3. 0-T8	TP--1103
C12M(Q)-STUPR11	12	150/180	13	1.0	14		
C14Q-STUPR11	14	180	15	1.0	16		
C16R-STUPR11	16	200	17	1.0	18	M2. 2-T7 M2. 5-T8	TC--0902 TC--1102
C18S-STUPR11	18	250	19	1.0	20		
C20R(S)-STUPR11	20	200/250	21	1.0	22		
C22S-STUPR11	22	250	23	1.0	24	M2. 5-T8	TC--1102
C25S(T)-STUPR11	25	250/300	27	2.0	29		
C08K-STUCR09	08	125	09	1.0	10	M4. 0-T15	TC--16T3
C10K(M)-STUCR09(11)	10	125/150	11	1.0	12		
C12M(Q)-STUCR11	12	150/180	13	1.0	14		
C14Q-STUCR11	14	180	15	1.0	16	M4. 0-T15	TC--16T3
C16R-STUCR11	16	200	17	1.0	18		
C18S-STUCR11	18	250	19	1.0	20		
C20R(S)-STUCR11	20	200/250	21	1.0	22	M4. 0-T15	TC--16T3
C20S-STUCR16	20	250	21	1.0	22		
C25T-STUCR16	25	300	27	2.0	29		
C32U-STUCR16	32	350	35	3.0	38		

STUPR 三角形60°

STUPR Triangle 60°

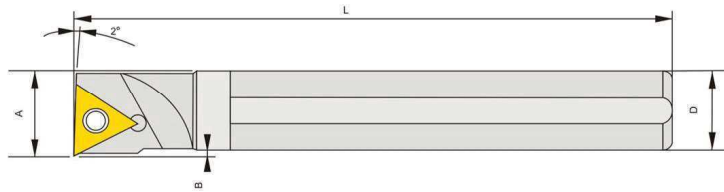


图1: 07柄以下一个偏位



图2: 08柄以上两个偏位



单位: mm

中心出水型 STUB/C/P-R 三角形60°

Center Outlet Type-STUB/C/P-R Triangle 60°

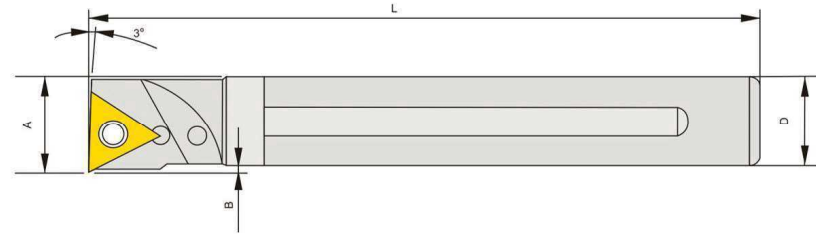


图1: 07柄以下一个偏位

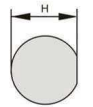
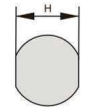


图2: 08柄以上两个偏位



单位: mm

刀尖的标准配置 Standard configuration of tool tip
TP07=R0.2
TP11/TP13=R0.4
TP13T3=R0.4

型号规格 specification	柄径	总长	大小	刀深	孔径	螺丝-扳手 Screw Wrench	刀片型号Insert
	D	L	A	B	Hole diameter	T	E
C07K-STUPR0701	07	125	08	1.0	09	M2. 2-T7	TP--0701
C08K-STUPR0701	08	125	09	1.0	10		
C10M-STUPR1102	10	150	11	1.0	12	M2. 5-T8	TP--1102
C12Q-STUPR1102	12	180	13	1.0	14		
C14Q-STUPR1303	14	180	15	1.0	16	M3. 0-T8	TP--1303
C16R-STUPR1303	16	200	17	1.0	18		
C20S-STUPR1303	20	250	21	1.0	22		
C20S-STUPR16T3	20	250	21	1.0	22	M4-T15	TP--16T3
C25T-STUPR16T3	25	300	27	2.0	29		
C32U-STUPR16T3	32	350	35	3.0	40		
C16R-STUCR1103	16	200	17	1.0	18	M2. 5-T8	TC--1303
C20S-STUCR1103	20	250	21	1.0	22		
C25T-STUCR1103	25	300	27	2.0	29		
C05H-STUCR05	05	100	5.5	0.5	06	M2. 0-T6	TC--0501
C06J-STUCR05	06	110	6.5	0.5	07		
C06J-STUCR06T	06	110	6.5	0.5	07	M2. 0-T6	TC--06T1
C08K-STUCR06T	08	125	8.5	0.5	09		
C10M-STUCR06T	10	150	11	1.0	12		
要点: 超低阻力切削, 有效的减少震动 Key points: Ultra-low resistance cutting, effectively reducing vibration.							
C07K-STUDR07S	07	110	08	1.0	09	M2. 0-T6	TD--07S1
C08K-STUDR07S	08	125	09	1.0	10		
C10M-STUDR07S	10	150	11	1.0	12		
C12Q-STUDR07S	12	180	13	1.0	14	M4. 0-T15	TP--0603
C16R-STUPR1603	16	200	17	1.0	18		
C20S-STUPR1603	20	250	21	1.0	22		
C25T-STUPR1603	25	300	27	2.0	29		
注意: TC--06T1为加厚型刀片, 和TC0601不通用。Note: TC--06T It is a thicker blade, not common to TC0601.							

刀尖的标准配置 Standard configuration of tool tip
TB06/TP08=R0.2
TP09/TP11=R0.4
TC09/TC11=R0.4

特点: 主要应用于精加工或软金属的切削。
Features: Mainly used in cutting finishing or soft metal.

型号规格 specification	柄径 D	总长 L	大小 A	刀深 B	孔径 Hole diameter	螺丝-扳手 Screw Wrench T	刀片型号Insert E
E06J-STUBR06	06	110	6.5	0.5	07	M2. 0-T6	TB--0601 TC--0601
E08K-STUBR06	08	125	8.5	0.5	09		
E08K-STUPR09	08	125	09	1.0	10	M2. 5-T8	TP--0902
E10M-STUPR09	10	150	11	1.0	12		
E12Q-STUPR11	12	180	13	1.0	14	M3. 0-T8	TP--1103
E14Q-STUPR11	14	180	15	1.0	16		
E16R-STUPR11	16	200	17	1.0	18	M3. 0-T8	TP--1103
E18S-STUPR11	18	250	19	1.0	20		
E20S-STUPR11	20	250	21	1.0	22	M3. 0-T8	TP--1103
E25T-STUPR11	25	300	27	2.0	29		
E08K-STUCR09	08	125	09	1.0	10	M2. 2-T7	TC--0902
E10M-STUCR09	10	150	11	1.0	12		
E12Q-STUCR11	12	180	13	2.0	14	M2. 5-T8	TC--1102
E14Q-STUCR11	14	180	15	1.0	16		
E16R-STUCR11	16	200	17	1.0	18	M2. 5-T8	TC--1102
E18S-STUCR11	18	250	19	1.0	20		
E20S-STUCR11	20	250	21	1.0	22	M4. 0-T15	TC--16T3
E20S-STUCR16	20	250	21	1.0	22		
E25T-STUCR16	25	300	27	1.0	29	M4. 0-T15	TC--16T3
E32U-STUCR16	32	350	35	2.0	40		

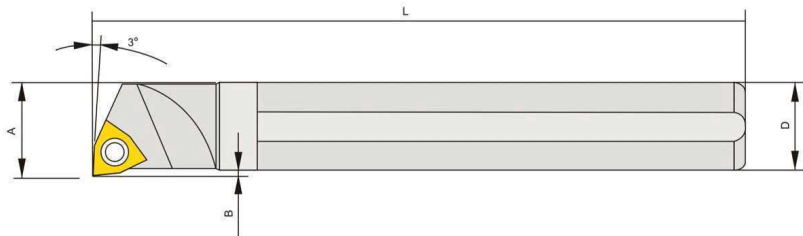
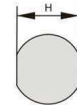
SWUBR 桃形80°
SWIBR Peach shape 80°

图1: 07柄以下一个偏位



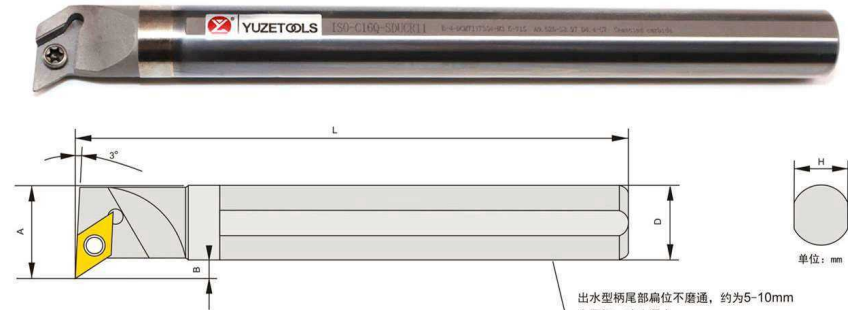
图2: 06柄以上两个偏位



单位: mm

刀尖的标准配置 Standard configuration of tool tip
WB06=R0.2
CC03=R0.2
CC04=R0.2

型号规格 specification	柄径	总长	大小	刀深	孔径 Hole diameter	螺丝-扳手 Screw Wrench	刀片型号Insert
	D	L	A	B		T	E
C05H-SWUBR06	05	100	5. 5	0. 5	5. 8	M2. 0-T6	WB--0601 WB--0201
C06J-SWUBR06	06	110	6. 5	0. 5	6. 8		
C07K-SWUBR06	07	125	7. 5	0. 5	7. 8		
C08K-SWUBR06	08	125	8. 5	0. 5	09		
高速钢 High speed steel							
H05G-SWUBR06	05	90	5. 5	0. 5	5. 8	M2. 0-T6	WB--0601 WB--0201
H06H-SWUBR06	06	100	6. 5	0. 5	6. 8		
H07H-SWUBR06	07	100	7. 5	0. 5	7. 8		
H08J-SWUBR06	08	110	8. 5	0. 5	09		
硬质合金中心出水 Coolant Carbide							
E05H-SWUBR06	05	100	5. 5	0. 5	5. 8	M2. 0-T6	WB--0601 WB--0201
E06J-SWUBR06	06	110	6. 5	0. 5	6. 8		
E07K-SWUBR06	07	125	7. 5	0. 5	7. 8		
E08K-SWUBR06	08	125	8. 5	0. 5	09		

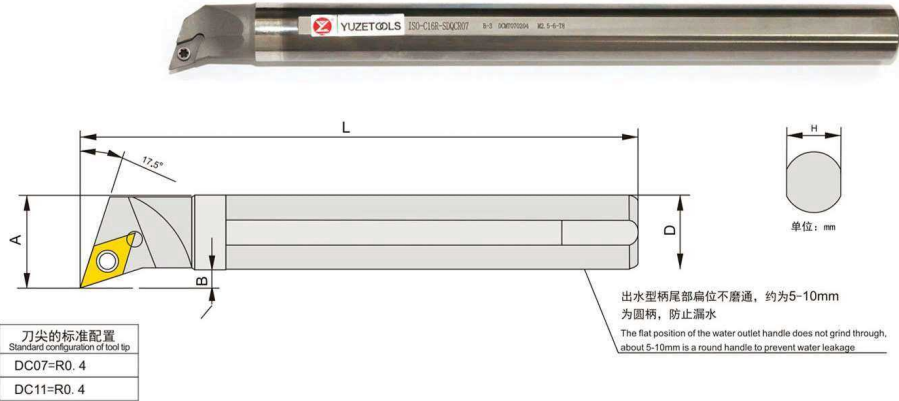
SDUCR 菱形55°
SDUCR Rhombus 55°

单位: mm

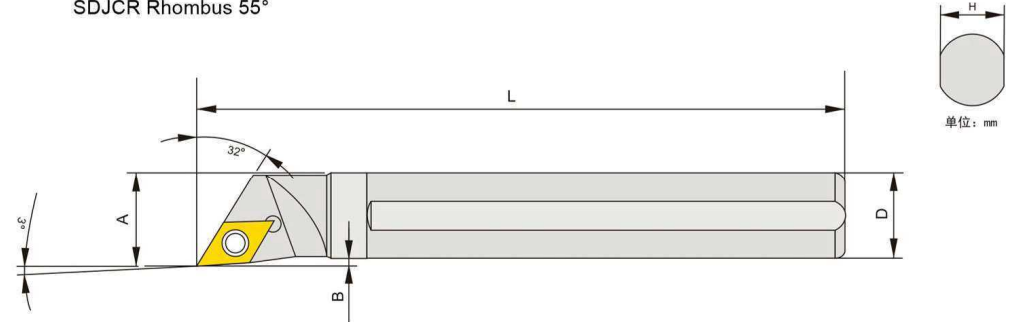
刀尖的标准配置 Standard configuration of tool tip
DC07=R0.4
DC11=R0.4

型号规格 specification	柄径	总长	大小	刀深	孔径 Hole diameter	螺丝-扳手 Screw Wrench	刀片型号Insert
	D	L	A	B		T	E
实心强力型Solid Powerful							
C08K-SDUCR07	08	125	11	3. 0	12	M2. 5-T8	DC--0702
C10M-SDUCR07	10	150	13	3. 0	14		
C12Q-SDUCR07	12	180	15	3. 0	16		
C14Q-SDUCR07	14	180	17	3. 0	18		
C16R-SDUCR07	16	200	19	3. 0	20	M3. 5-T15	DC--11T3
C16R-SDUCR11	16	200	20	4. 0	21		
C20S-SDUCR11	20	250	24	4. 0	25		
C25T-SDUCR11	25	300	30	5. 0	32		
C32U-SDUCR11	32	350	37	5. 0	39	M4. 0-T15	DC--11T3
C40V-SDUCR11	40	400	45	5. 0	47		
中心出水型Center outlet type							
E08K-SDUCR07	08	125	11	3. 0	12	M2. 5-T8	DC--0702
E10M-SDUCR07	10	150	13	3. 0	14		
E12Q-SDUCR07	12	180	15	3. 0	16		
E14Q-SDUCR07	14	180	17	3. 0	18		
E16R-SDUCR07	16	200	19	3. 0	20	M3. 5-T15	DC--11T3
E16R-SDUCR11	16	200	20	4. 0	21		
E20S-SDUCR11	20	250	24	4. 0	25		
E25T-SDUCR11	25	300	30	5. 0	32		
E32U-SDUCR11	32	350	37	5. 0	39	M4. 0-T15	DC--11T3
E40V-SDUCR11	40	400	45	5. 0	47		

出水型柄尾部扁位不磨通, 约为5-10mm
为圆角, 防止漏水
The flat position of the water outlet handle does not grind through,
about 5-10mm is a round handle to prevent water leakage

SDQCR 菱形55°
SDQCR Rhombus 55°

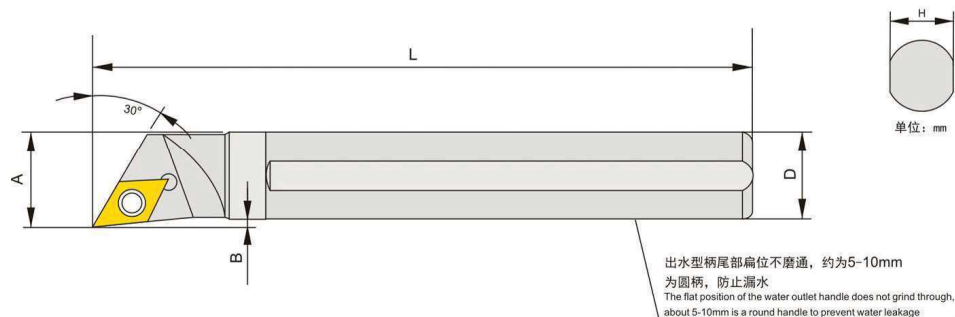
型号规格 specification	柄径 D	总长 L	大小 A	刀深 B	孔径 Hole diameter	螺丝-扳手 Screw Wrench T	刀片型号Insert E
实心强力型Solid Powerful							
C08K-SDQCR07	08	125	11	3.0	12	M2. 5-T8	DC--0702
C10M-SDQCR07	10	150	13	3.0	14		
C12Q-SDQCR07	12	180	15	3.0	16		
C14Q-SDQCR07	14	180	17	3.0	18		
C16R-SDQCR07	16	200	19	3.0	20		
C16R-SDQCR11	16	200	20	4.0	21	M3. 5-T15	DC--11T3
C20S-SDQCR11	20	250	24	4.0	25	M4. 0-T15	
C25T-SDQCR11	25	300	30	5.0	32		
C32U-SDQCR11	32	350	37	5.0	39		
C40V-SDQCR11	40	400	45	5.0	47		
中心出水型Center outlet type							
E08K-SDQCR07	08	125	11	3.0	12	M2. 5-T8	DC--0702
E10M-SDQCR07	10	150	13	3.0	14		
E12Q-SDQCR07	12	180	15	3.0	16		
E14Q-SDQCR07	14	180	17	3.0	18		
E16R-SDQCR07	16	200	19	3.0	20		
E16R-SDQCR11	16	200	20	4.0	21	M3. 5-T15	DC--11T3
E20S-SDQCR11	20	250	24	4.0	25	M4. 0-T15	
E25T-SDQCR11	25	300	30	5.0	32		
E32U-SDQCR11	32	350	37	5.0	39		
E40V-SDQCR11	40	400	45	5.0	47		

SDJCR 菱形55°
SDJCR Rhombus 55°

刀片的标准配置 Standard configuration of tool tip
DC07=R0.4
DC11=R0.4

特点：主要盲孔加工和内端面加工
Features: main blind hole processing and inner end surface processing

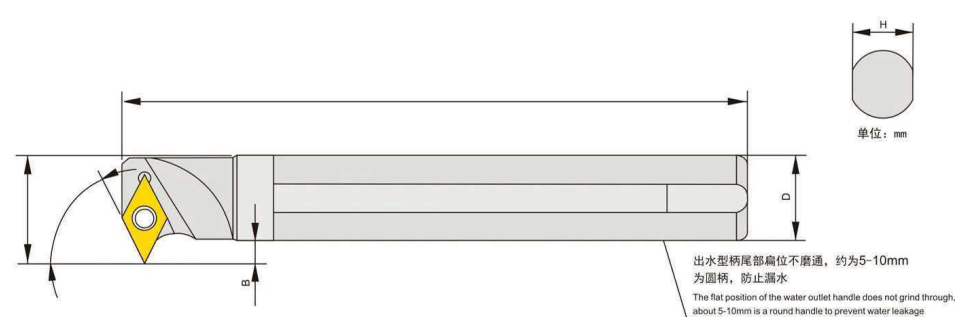
型号规格 specification	柄径	总长	大小	刀深	孔径	螺丝-扳手 Screw Wrench	刀片型号Insert
	D	L	A	B	Hole diameter	T	E
实心强力型Solid Powerful							
C08K-SDJCR07	08	125	09	1. 0	10	M2. 5-T8	DC--0702
C10M-SDJCR07	10	150	11	1. 0	12		
C12Q-SDJCR07	12	180	13	1. 0	14		
C14Q-SDJCR07	14	180	15	1. 0	16		
C16R-SDJCR07	16	200	17	1. 0	18		
C16R-SDJCR11	16	200	17	1. 0	18	M3. 5-T15	DC--11T3
C20S-SDJCR11	20	250	21	1. 0	22	M4. 0-T15	
C25T-SDJCR11	25	300	27	2. 0	29		
C32U-SDJCR11	32	350	34	2. 0	36		
C40V-SDJCR11	40	400	42	2. 0	44		
高速钢系列 High Speed Steel Series							
H08J-SDJCR07	08	110	09	1. 0	10	M2. 5-T8	DC--0702
H10K-SDJCR07	10	125	11	1. 0	12		
H12L-SDJCR07	12	140	13	1. 0	14		
H14M-SDJCR07	14	150	15	1. 0	16		
H16Q-SDJCR07	16	180	17	1. 0	18		
H16Q-SDJCR11	16	180	17	1. 0	18	M3. 5-T15	DC--11T3
H20R-SDJCR11	20	200	21	1. 0	22	M4. 0-T15	
H25S-SDJCR11	25	250	27	2. 0	29		
H32T-SDJCR11	32	300	34	2. 0	36		
H40U-SDJCR11	40	350	42	2. 0	44		

SDXCR 菱形55°
SDXCR Rhombus 55°

刀尖的标准配置
Standard configuration of tool tip
DC07=R0.4
DC11=R0.4

特点：内端面加工首选
Features: First choice for inner end surface processing

型号规格 specification	柄径	总长	大小	刀深	孔径	螺丝-扳手 Screw Wrench	刀片型号Insert
	D	L	A	B	Hole diameter	T	E
实心强力型Solid Powerful							
C08K-SDXCR07	08	125	09	1. 0	10	M2. 5-T8	DC--0702
C10M-SDXCR07	10	150	11	1. 0	12		
C12Q-SDXCR07	12	180	13	1. 0	14		
C14Q-SDXCR07	14	180	15	1. 0	16		
C16R-SDXCR07	16	200	17	1. 0	18		
C20S-SDXCR11	20	250	21	1. 0	22	M4. 0-T15	DC--11T3
C25T-SDXCR11	25	300	27	2. 0	29		
C32U-SDXCR11	32	350	35	3. 0	38		
C40V-SDXCR11	40	400	43	3. 0	46		
中心出水型Center outlet type							
E08K-SDXCR07	08	125	09	1. 0	10	M2. 5-T8	DC--0702
E10M-SDXCR07	10	150	11	1. 0	12		
E12Q-SDXCR07	12	180	13	1. 0	14		
E14Q-SDXCR07	14	180	15	1. 0	16		
E16R-SDXCR07	16	200	17	1. 0	18		
E20S-SDXCR11	20	250	21	1. 0	22	M4. 0-T15	DC--11T3
E25T-SDXCR11	25	300	27	2. 0	29		
E32U-SDXCR11	32	350	35	3. 0	38		
E40V-SDXCR11	40	400	43	3. 0	46		

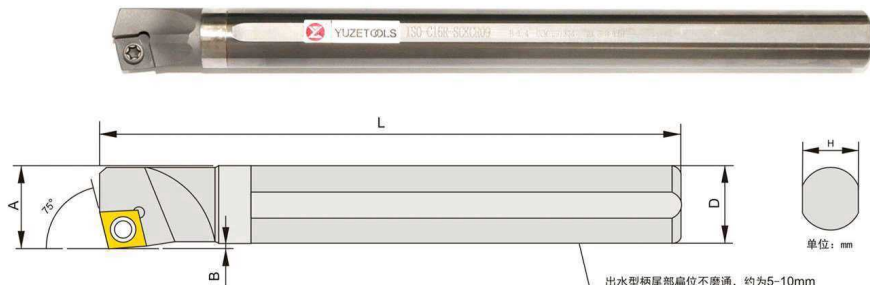
SDWCR 菱形55°
SDWCR Rhombus 55°

刀尖的标准配置
Standard configuration of tool tip
DC07=R0.4
DC11=R0.4

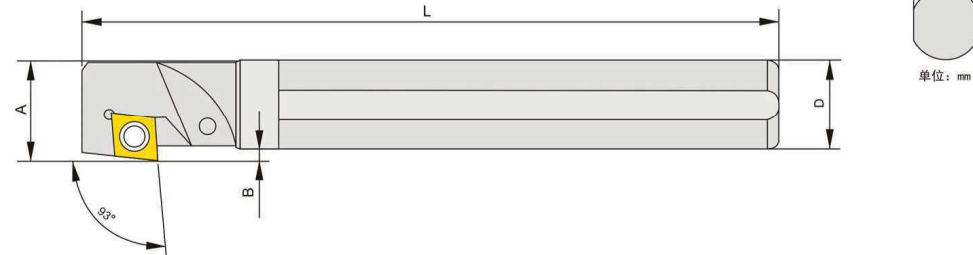
要点：可以实现55度通孔的螺纹加工
Key point: It can realize the thread processing of HRC55 through hole

型号规格 specification	柄径	总长	大小	刀深	孔径 Hole diameter	螺丝-扳手 Screw Wrench	刀片型号Insert
	D	L	A	B		T	E
实心强力型Solid Powerful							
C08K-SDWCR07	08	125	11	3.0	12	M2. 5-T8	DC--0702
C10M-SDWCR07	10	150	13	3.0	14		
C12Q-SDWCR07	12	180	16	3.0	16		
C14Q-SDWCR07	14	180	18	3.0	18		
C16R-SDWCR07	16	200	20	3.0	20		
C20S-SDWCR11	20	250	25	5.0	27	M4. 0-T15	DC--11T3
C25T-SDWCR11	25	300	31	6.0	33		
C32U-SDWCR11	32	350	38	6.0	40		
C40V-SDWCR11	40	400	46	6.0	48		
中心出水型Center outlet type							
E08K-SDWCR07	08	125	11	3.0	12	M2. 5-T8	DC--0702
E10M-SDWCR07	10	150	13	3.0	14		
E12Q-SDWCR07	12	180	16	3.0	16		
E14Q-SDWCR07	14	180	18	3.0	18		
E16R-SDWCR07	16	200	20	3.0	20		
E20S-SDWCR11	20	250	25	5.0	27	M4. 0-T15	DC--11T3
E25T-SDWCR11	25	300	31	6.0	33		
E32U-SDWCR11	32	350	38	6.0	40		
E40V-SDWCR11	40	400	46	6.0	48		

平底铣刀
Square
End Mill长颈铣刀
Long Neck
End Mill球头铣刀
Ball
End Mill长颈球头
Long Neck Ball
End Mill圆鼻铣刀
Round
End Mill长颈圆鼻
Long Neck Round
End Mill螺纹铣刀
Thread Milling
End Mill钻头
Drilling
End Mill螺纹刀头
Thread Cutter Head抗震刀杆
Anti-vibration
Index刀粒
Carbide
Inserts平底铣刀
Square
End Mill长颈铣刀
Long Neck
End Mill球头铣刀
Ball
End Mill长颈球头
Long Neck Ball
End Mill圆鼻铣刀
Round
End Mill长颈圆鼻
Long Neck Round
End Mill螺纹铣刀
Thread Milling
End Mill钻头
Drilling
End Mill螺纹刀头
Thread Cutter Head抗震刀杆
Anti-vibration
Index刀粒
Carbide
Inserts

SCKCR 菱形80°
SCKCR Rhombus 80°刀尖的标准配置
Standard configuration of tool tipCC06/CC09=R0.4
CC12=R0.8特色：变废为宝，利用多余的副角切削，节约成本（注：限于全周刃刀片）
Features: Turn waste into treasure, use excess secondary angles for cutting, and save costs (limited to full-edge inserts)出水型柄尾部扁位不磨通，约为5-10mm
为圆柄，防止漏水
The flat position of the water outlet handle does not grind through, about 5-10mm is a round handle to prevent water leakage

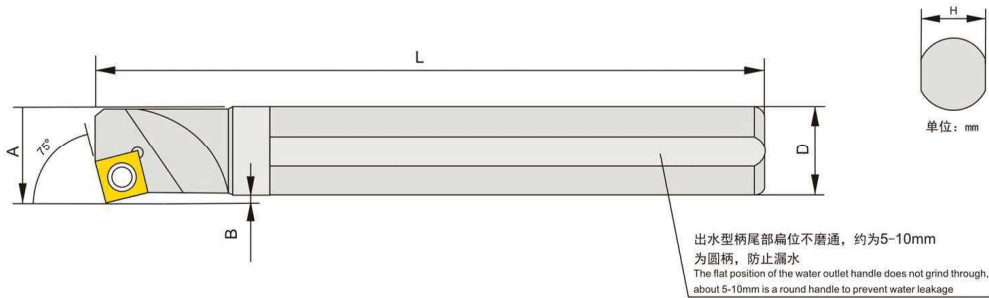
型号规格 specification	柄径	总长	大小	刀深	孔径	螺丝-扳手 Screw Wrench	刀片型号Insert
	D	L	A	B	Hole diameter	T	E
实心强力型Solid Powerful							
C08K-SCKCR07	08	125	09	1. 0	10	M2. 5-T8	CC--0602
C10M-SCKCR07	10	150	11. 5	1. 5	13		
C12Q-SCKCR07	12	180	13. 5	1. 5	15		
C14Q-SCKCR07	14	180	15. 5	1. 5	17	M3. 5-T15	CC--09T3
C16R-SCKCR07	16	200	17. 5	1. 5	19		
C20S-SCKCR11	20	250	22	2. 0	24	M4. 0-T15	CC--09T3
C25T-SCKCR11	25	300	27	2. 0	29		
C32U-SCKCR11	32	350	35	3. 0	38	M5. 0-T20	CC--1204
C40V-SCKCR11	40	400	44	4. 0	48		
C50U-SCKCR11	50	400	54	4. 0	58		
C60V-SCKCR11	60	400	64	4. 0	68		
中心出水型Center outlet type							
E08K-SCKCR07	08	125	09	1. 0	10	M2. 5-T8	CC--0602
E10M-SCKCR07	10	150	11. 5	1. 5	13		
E12Q-SCKCR07	12	180	13. 5	1. 5	15		
E14Q-SCKCR07	14	180	15. 5	1. 5	17	M3. 5-T15	CC--09T3
E16R-SCKCR07	16	200	17. 5	1. 5	19		
E20S-SCKCR11	20	250	22	2. 0	24	M4. 0-T15	CC--09T3
E25T-SCKCR11	25	300	27	2. 0	29		
E32U-SCKCR11	32	350	35	3. 0	38	M5. 0-T20	CC--1204
E40V-SCKCR11	40	400	44	4. 0	48		

SCZCR 菱形80°
SCZCR Rhombus 80°刀尖的标准配置
Standard configuration of tool tipCC06/CC09=R0.4
DC12=R0.8注：本镗杆是倒向的轴向切削，应采用全周刃刀片。
Note: This boring bar is a reversed axial cutting, and a full-circumferential insert should be used

型号规格 specification	柄径	总长	大小	刀深	孔径	螺丝-扳手 Screw Wrench	刀片型号Insert
	D	L	A	B	Hole diameter	T	E
实心强力型Solid Powerful							
C08K-SCZCR06	08	125	11	3.0	12	M2. 5-T8	CC--0602
C10M-SCZCR07	10	150	13	3.0	14		
C12Q-SCZCR07	12	180	15	3.0	16		
C14Q-SCZCR07	14	180	17	3.0	18	M3. 5-T15	CC--09T3
C16R-SCZCR07	16	200	20	4.0	21		
C20S-SCZCR11	20	250	24	4.0	25	M4. 0-T15	CC--09T3
C25T-SCZCR11	25	300	30	5.0	32		
C32U-SCZCR11	32	350	38	6.0	40	M5. 0-T20	CC--1204
C40V-SCZCR11	40	400	48	8.0	50		
中心出水型Center outlet type							
E08K-SCZCR07	08	125	11	3.0	12	M2. 5-T8	CC--0602
E10M-SCZCR07	10	150	13	3.0	14		
E12Q-SCZCR07	12	180	15	3.0	16		
E14Q-SCZCR07	14	180	17	3.0	18	M3. 5-T15	CC--09T3
E16R-SCZCR07	16	200	20	4.0	21		
E20S-SCZCR11	20	250	24	4.0	25	M4. 0-T15	CC--09T3
E25T-SCZCR11	25	300	30	5.0	32		
E32U-SCZCR11	32	350	38	6.0	40	M5. 0-T20	CC--1204
E40V-SCZCR11	40	400	48	8.0	50		

SSKCR 正方形90°

SSKCR Square 90°



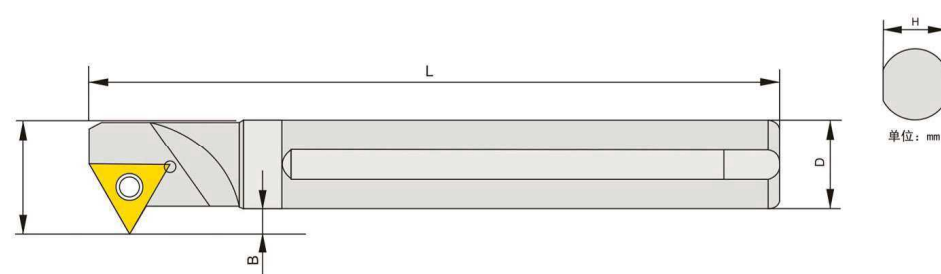
刀尖的标准配置
Standard configuration of tool tip
SC06/SC09=R0. 4
SC12=R0. 8

特点: 刀片为正方形, 可以使用四个刃角, 精加工较为出色。
Features: The blade is square, four cutting edges can be used, and the finishing is excellent

型号规格 specification	柄径	总长	大小	刀深	孔径	螺丝-扳手 Screw Wrench	刀片型号Insert
	D	L	A	B	Hole diameter	T	E
C08K-SSKCR06	08	125	09	1. 0	10	M2. 5-T8	SC--0602
C10M-SSKCR06	10	150	11. 5	1. 5	13		
C12Q-SSKCR06	12	180	13. 5	1. 5	15		
C14Q-SSKCR09	14	180	15. 5	1. 5	17	M3. 5-T15	SC--09T3
C16R-SSKCR09	16	200	17. 5	1. 5	19		
C20S-SSKCR09	20	250	22	2. 0	24	M4. 0-T15	SC--09T3
C25T-SSKCR09	25	300	28	3. 0	30		
C32U-SSKCR12	32	350	35	3. 0	38	M5. 0-T20	SC--1204
C40V-SSKCR12	40	400	44	4. 0	48		
C50V-SSKCR12	50	400	55	5. 0	60		
C60V-SSKCR12	60	400	65	5. 0	70		
中心出水型Center outlet type							
E08K-SSKCR06	08	125	09	1. 0	10	M2. 5-T8	SC--0602
E10M-SSKCR06	10	150	11. 5	1. 5	13		
E12Q-SSKCR06	12	180	13. 5	1. 5	15		
E14Q-SSKCR09	14	180	15. 5	1. 5	17	M3. 5-T15	SC--09T3
E16R-SSKCR09	16	200	17. 5	1. 5	19		
E20S-SSKCR09	20	250	22	2. 0	24	M4. 0-T15	SC--09T3
E25T-SSKCR09	25	300	28	3. 0	30		
E32U-SSKCR12	32	350	35	3. 0	38	M5. 0-T20	SC--1204
E40V-SSKCR12	40	400	44	4. 0	48		

STWCR 三角形60°

STWCR Triangle 60°

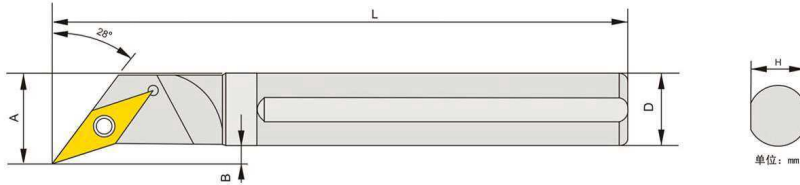


刀尖的标准配置
Standard configuration of tool tip
TB06/TC09=R0. 2
TC11/TC16=R0. 4

要点提示: 可以用作通孔的一般60度螺纹加工。
Important: General HRC60 thread processing that can be used as a through hole

型号规格 specification	柄径	总长	大小	刀深	孔径 Hole diameter	螺丝-扳手 Screw Wrench	刀片型号Insert
	D	L	A	B		T	E
C06J-STWBR06	06	110	7. 2	1. 2	08	M2. 0-T6	TB--0601 TC--0601
C07K-STWBR06	07	125	8. 3	1. 3	09		
C08K-STWCR09	08	125	10	2. 0	11	M2. 2-T7	TC--0902
C10M-STWCR11	10	150	13	3. 0	14	M2. 5-T8	TC--1102
C12Q-STWCR11	12	180	15	3. 0	16		
C14Q-STWCR11	14	180	17	3. 0	18		
C16R-STWCR11	16	200	19	3. 0	20		
C20S-STWCR16	20	250	24	4. 0	26	M4. 0-T15	TC--16T3
C25T-STWCR16	25	300	30	5. 0	32		
C32U-STWCR16	32	350	38	6. 0	40		
C40V-STWCR16	40	400	46	6. 0	49		
中心出水型Center outlet type							
E08K-STWCR09	08	125	10	2. 0	11	M2. 2-T7	TC--0902
E10M-STWCR11	10	150	13	3. 0	14	M2. 5-T8	TC--1102
E12Q-STWCR11	12	180	15	3. 0	16		
E14Q-STWCR11	14	180	17	3. 0	18		
E16R-STWCR11	16	200	19	3. 0	20		
E20S-STWCR16	20	250	24	4. 0	26	M4. 0-T15	TC--16T3
E25T-STWCR16	25	300	30	5. 0	32		
E32U-STWCR16	32	350	38	6. 0	40		
E40V-STWCR16	40	400	46	6. 0	49		

SVQC/BR 菱形35°
SVQC/BR Rhombus 35°

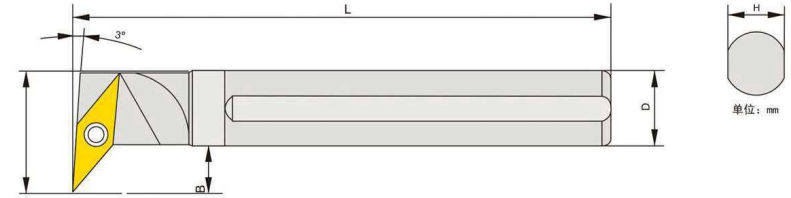


刀尖的标准配置
Standard configuration of tool tip
VC/VB11=R0.2
VC/VB16=R0.4

特点: 内孔端面加工
Inner hole end face processing

型号规格 specification	柄径	总长	大小	刀深	孔径 Hole diameter	螺丝-扳手 Screw Wrench	刀片型号Insert
	D	L	A	B		T	E
C08K-SVJCR08	08	125	09	1. 0	10	M2. 2-T7	VC--0802
C10M-SVJCR11	10	150	11	1. 0	12	M2. 5-T8	VC--1103
C12Q-SVJCR11	12	180	13	1. 0	14		
C14Q-SVJCR11	14	180	15	1. 0	16		
C16R-SVJCR11	16	200	17	1. 0	18		
C20S-SVJCR16	20	250	21	1. 0	22	M4. 0-T15	VC--1604
C25T-SVJCR16	25	300	27	2. 0	29		
C32U-SVJCR16	32	350	34	2. 0	36		
C40V-SVJCR16	40	400	42	2. 0	44		
实心强力型Solid Powerful							
C08K-SVJBR08	08	125	09	1. 0	10	M2. 2-T7	VB--0802
C10M-SVJBR11	10	150	11	1. 0	12	M2. 5-T8	VB--1103
C12Q-SVJBR11	12	180	13	1. 0	14		
C14Q-SVJBR11	14	180	15	1. 0	16		
C16R-SVJBR11	16	200	17	1. 0	18		
C20S-SVJBR16	20	250	21	1. 0	22	M4. 0-T15	VB--1604
C25T-SVJBR16	25	300	27	2. 0	29		
C32U-SVJBR16	32	350	34	2. 0	36		
C40V-SVJBR16	40	400	42	2. 0	44		

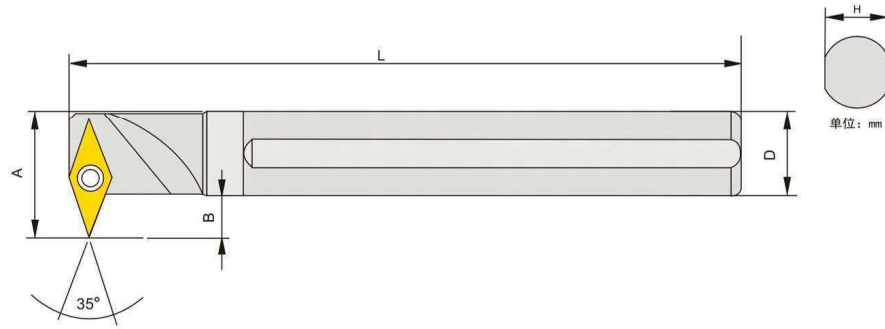
SVUC/BR 菱形35°
SVUC/BR Rhombus 35°



刀尖的标准配置
Standard configuration of tool tip
VC/VB11=R0.2
VC/VB16=R0.4

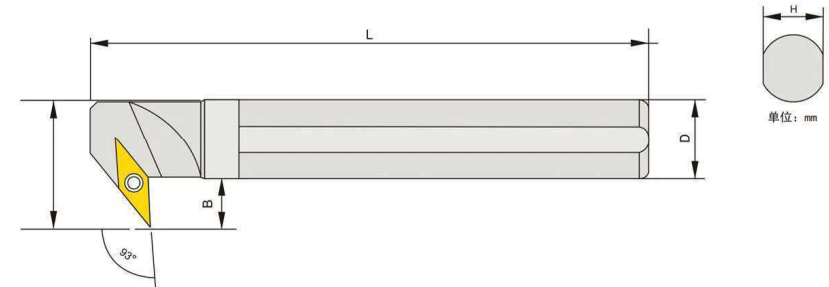
型号规格 specification	柄径	总长	大小	刀深	孔径	螺丝-扳手 Screw Wrench	刀片型号Insert
	D	L	A	B	Hole diameter	T	E
C10M-SVUCR08	10	150	13	3.0	14	M2. 2-T7	VC--0802
C12Q-SVUCR08	12	180	15	3.0	16		
C14Q-SVUCR08	14	180	17	3.0	18	M2. 5-T8	VC--1103
C16R-SVUCR11	16	200	19	3.0	20		
C20S-SVUCR11	20	250	24	4.0	25		
C25T-SVUCR11	25	300	30	5.0	32		
C25T-SVUCR16	25	300	32	7.0	34	M4. 0-T15	VC--1604
C32U-SVUCR16	32	350	40	8.0	42		
C40V-SVUCR16	40	400	50	10	55		
实心强力型Solid Powerful							
C10M-SVUBR08	10	150	13	3.0	14	M2. 2-T7	VB--0802
C12Q-SVUBR08	12	180	15	3.0	16	M2. 5-T8	VB--1103
C14Q-SVUBR11	14	180	17	3.0	18		
C16R-SVUBR11	16	200	19	3.0	20		
C20S-SVUBR11	20	250	24	4.0	25		
C25T-SVUBR11	25	300	30	5.0	32	M4. 0-T15	VB--1604
C25T-SVUBR16	25	300	32	7.0	34		
C32U-SVUBR16	32	350	40	8.0	42		
C40V-SVUBR16	40	400	50	10	55		

平底铣刀
长颈铣刀
球头铣刀
长颈球头
圆鼻铣刀
长颈圆鼻
螺纹铣刀
钻头
螺纹刀头
抗震刀杆
刀粒

SVWC/BR 菱形35°
SVWC Rhombus 35°

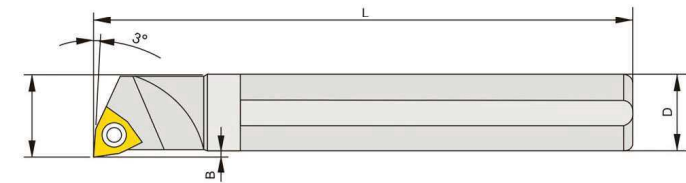
刀尖的标准配置 Standard configuration of tool tip
VC/VB11=R0.2
VC/VB16=R0.4

型号规格 specification	柄径	总长	大小	刀深	孔径	螺丝-扳手 Screw Wrench	刀片型号Insert
	D	L	A	B	Hole diameter	T	E
C10M-SVWCR08	10	150	15	5. 0	16	M2. 2-T7	VC--0802
C12Q-SVWCR08	12	180	17	5. 0	18		
C14Q-SVWCR11	14	180	20	6. 0	21	M2. 5-T8	VC--1103
C16R-SVWCR11	16	200	22	6. 0	24		
C20S-SVWCR11	20	250	27	7. 0	29		
C25T-SVWCR16	25	300	35	10	38	M4. 0-T15	VC--1604
C32U-SVWCR16	32	350	42	10	45		
C40V-SVWCR16	40	400	52	12	55		
C50V-SVWCR16	50	400	62	12	65		
C10M-SVWBR08	10	150	15	5. 0	16	M2. 2-T7	VB--0802
C12Q-SVWBR08	12	180	17	5. 0	18		
C14Q-SVWBR11	14	180	20	6. 0	21	M2. 5-T8	VB--1103
C16R-SVWBR11	16	200	22	6. 0	24		
C20S-SVWBR11	20	250	27	7. 0	29		
C25T-SVWBR16	25	300	35	10	38	M4. 0-T15	VB--1604
C32U-SVWBR16	32	350	42	10	45		
C40V-SVWBR16	40	400	52	12	55		
C50V-SVWBR16	50	400	62	12	65		

SVZCR 菱形35°
SVZCR Rhombus 35°

刀尖的标准配置 Standard configuration of tool tip
VC08=R0.2
VC11=R0.4
VC16=R0.4

型号规格 specification	柄径 D	总长 L	大小 A	刀深 B	孔径 Hole diameter	螺丝-扳手 Screw Wrench T	刀片型号Insert E
C08K-SVZCR08	08	125	15	7.0	16	M2. 2-T7	VC--0802
C10M-SVZCR08	10	150	17	7.0	18		
C12Q-SVZCR08	12	180	19	7.0	20		
C14Q-SVZCR11	14	180	22	8.0	23	M2. 5-T8	VC--1103
C16R-SVZCR11	16	200	24	8.0	25		
C20S-SVZCR11	20	250	28	8.0	30		
C25T-SVZCR16	25	300	38	13	40	M4. 0-T15	VC--1604

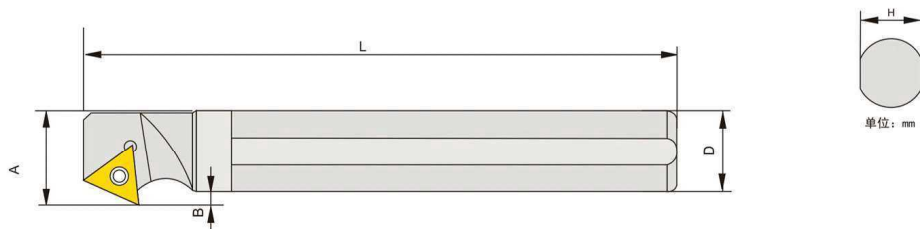
SWUCR 桃形80°
SWUCR Peach Shape 80°

刀尖的标准配置 Standard configuration of tool tip
WC02=R0.2
WC04=R0.4
WC05=R0.8

型号规格 specification	柄径 D	总长 L	大小 A	刀深 B	孔径 Hole diameter	螺丝-扳手 Screw Wrench T	刀片型号Insert E
C08K-SWUCR02	08	125	09	1.0	10	M2. 2-T7	WC--0201
C10M-SWUCR02	10	150	11	1.0	12		
C12Q-SWUCR04	12	180	13	1.0	14		
C14Q-SWUCR04	14	180	15	1.0	16	M2. 5-T8	WC--0402
C16R-SWUCR04	16	200	17	1.0	18		
C20S-SWUCR06	20	250	22	1.0	24		
C25T-SWUCR06	25	300	27	2.0	29	M4. 0-T15	WC--1604

STZPR/BR 三角形60°

STZPR/BR Triangle 60°



单位: mm

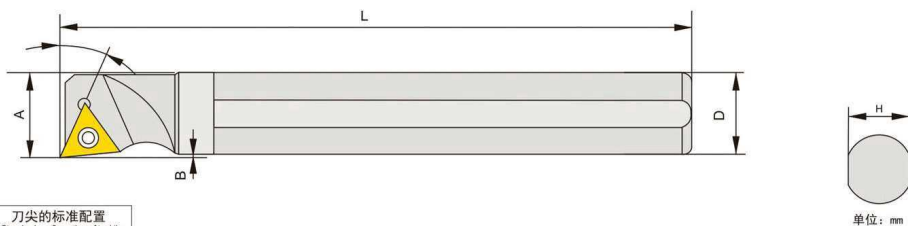
刀尖的标准配置
Standard configuration of tool tip
TB06=R0.2
TP09=R0.4
TP11=R0.4

特点: 使用刀片时应采用左手刀片, 或全周刃刀片。
Features: Use left-handed blades or full-circumferential inserts when using inserts

型号规格 specification	柄径 D	总长 L	大小 A	刀深 B	孔径 Hole diameter	螺丝-扳手 Screw Wrench	刀片型号Insert E
						T	
C06J-STZBR06	06	110	7.2	1.2	7.8	M2.0-T6	TB--0601 TC--0601
C07K-STZBR06	07	125	8.5	1.5	09		
C08K-STZPR09	08	125	9.5	1.5	10	M2.5-T8	TP--0902
C10M-STZPR09	10	150	6.0	1.5	12		
C12Q-STZPR11	12	180	14	2.0	15	M3.0-T8	TP--1103
C14Q-STZPR11	14	180	16	2.0	17		
C16R-STZPR11	16	200	18	2.0	19		

STZPR/BR 三角形60°

STZPR/BR Triangle 60°



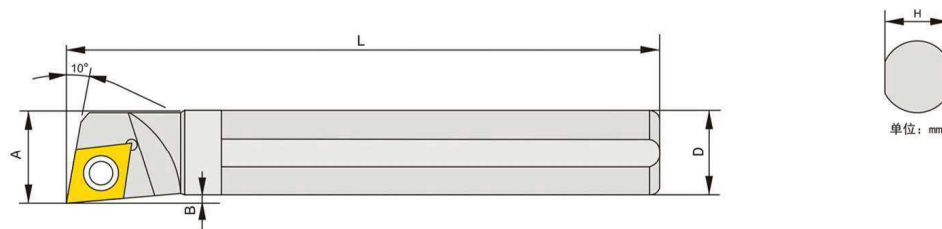
单位: mm

刀尖的标准配置
Standard configuration of tool tip
TB06=R0.2
TP09=R0.4

型号规格 specification	柄径 D	总长 L	大小 A	刀深 B	孔径 Hole diameter	螺丝-扳手 Screw Wrench	刀片型号Insert E
						T	
C06J-STXBR06	06	110	6.5	0.5	7.0	M2.0-T6	TB--0601 TC--0601
C07K-STXBR06	07	125	7.5	0.5	8.0		
C08K-STXBR09	08	125	9	1.0	10	M2.5-T8	TP--0902
C10M-STXBR09	10	150	11	1.0	12		

SEXPR 菱形75°

SEXPR Rhombus 75°



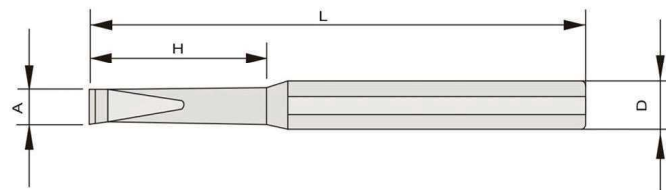
单位: mm

刀尖的标准配置
Standard configuration of tool tip
VC08=R0.2

型号规格 specification	柄径 D	总长 L	大小 A	刀深 B	孔径 Hole diameter	螺丝-扳手 Screw Wrench	刀片型号Insert E
						T	
C06J-SEXPR04	06	110	0.5	6.5	07	M2.0-T6	EP--0401
C07K-SEXPR04	07	125	0.5	7.5	08		
C08K-SEXPR04	08	125	0.5	8.5	09		

整体式钨钢小镗刀

Integral Tungsten Steel Small Boring Cutter

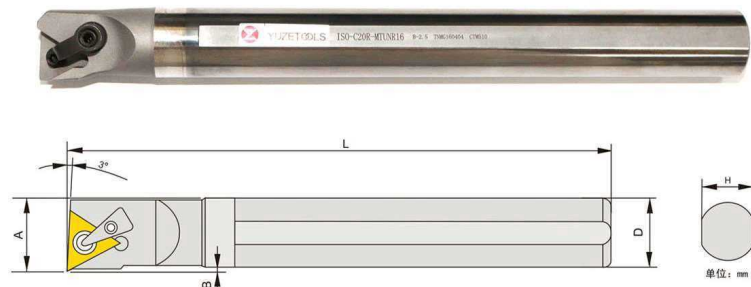


刀尖的标准配置
Standard configuration of tool tip
02=R0.05
03/04=R0.05

型号规格 specification	柄径 D	总长 L	大小 A	有效长 H	孔径 Hole diameter	螺丝-扳手 Screw Wrench	刀片型号Insert E
						T	
D4-2-6	04	50	1.7	6	2.0		
D4-3-10	04	50	2.7	10	3.0		
D4-4-15	04	50	3.7	15	4.0		

M型压板式 MTUNR 三角形60°

M Type Pressure Plate Type MTUNR Triangle 60°

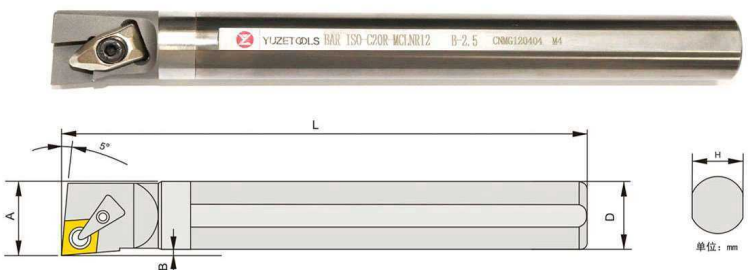


刀尖的标准配置
Standard configuration of tool tip
TN1604-R0.4

型号规格 specification	柄径 D	总长 L	刀深 B	大小 A	孔径 Hole diameter	螺丝-扳手 Screw Wrench T	刀片型号Insert E
C20R-MTUNR16	20	200	3.0	23	25	M4-15	TN--1604
C25T-MTUNR16	25	300	4.0	29	32		
C32U-MTUNR16	32	350	4.0	36	39		
C40V-MTUNR16	40	400	5.0	45	50		
C50V-MTUNR16	50	400	5.0	55	60		
C60V-MTUNR16	60	400	5.0	65	70		

M型压板式 MCLNR 菱形80°

M Type Pressure Plate Type MCLNR Rhombus 80°



刀尖的标准配置
Standard configuration of tool tip
CN12-R0.4

型号规格 specification	柄径 D	总长 L	大小 A	刀深 B	孔径 Hole diameter	螺丝-扳手 Screw Wrench T	刀片型号Insert E
C25S-MCLNR12	25	250	29	4.0	32	M4-15	CN--1204
C25T-MCLNR12	25	300	29	4.0	32		
C32U-MCLNR12	32	350	36	4.0	39		
C40V-MCLNR12	40	400	45	5.0	50		
C50V-MCLNR12	50	400	55	5.0	60		
C60V-MCLNR12	60	400	65	5.0	70		

双面M型压板式 MWUNR 桃形80°

Double-sided M Type Pressure Plate Type MWUNR Peach Shape 80°

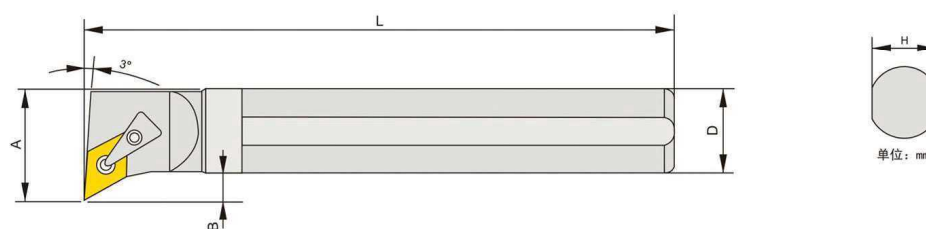


刀尖的标准配置
Standard configuration of tool tip
WN08/06-R0.4

型号规格 specification	柄径 D	总长 L	刀深 B	大小 A	孔径 Hole diameter	螺丝-扳手 Screw Wrench T	刀片型号Insert E
C20R-MWUNR06	20	200	3.0	23	25	M4-15	WN--0603
C25T-MWUNR08	25	300	4.0	29	32		WN--0804
C32U-MWUNR08	32	350	4.0	36	39		
C40V-MWUNR08	40	400	5.0	45	50		
C50V-MWUNR08	50	400	5.0	55	60		
C60V-MWUNR08	60	400	5.0	65	70		

双面M型压板式 MDUNR 菱形 55°

Double-sided M Type Pressure Plate Type MDUNR Rhombus 55°

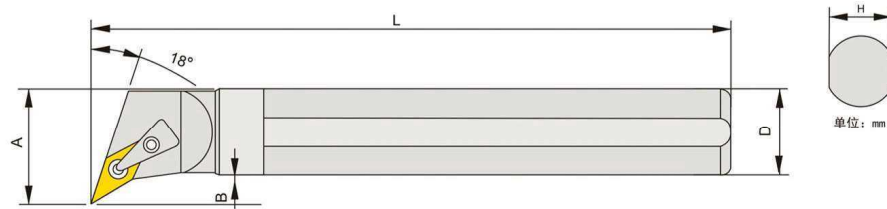


刀尖的标准配置
Standard configuration of tool tip
DN15-R0.4

型号规格 specification	柄径 D	总长 L	大小 A	有效长 H	孔径 Hole diameter	螺丝-扳手 Screw Wrench T	刀片型号Insert E
C25T-MDUNR15	25	300	5.0	30	32	M5-15	DN--1504
C32U-MDUNR15	32	350	6.0	38	42		
C40V-MDUNR15	40	400	7.0	47	52		
C50V-MDUNR15	50	400	7.0	57	63		
C60V-MDUNR15	60	400	7.0	67	73		

■ 双面M型压板式 MVQNR 菱形35°

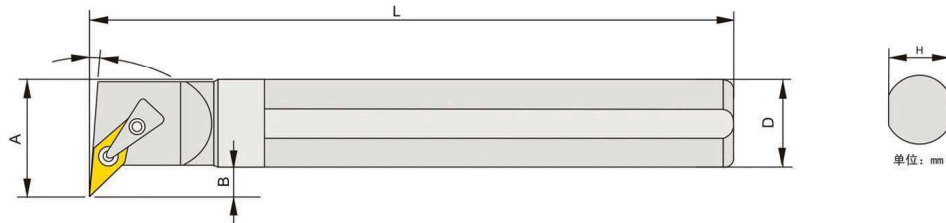
Double-sided M Type Pressure Plate Type MVQNR Rhombus 35°

刀尖的标准配置
Standard configuration of tool tip
VN1604=R0.4

型号规格 specification	柄径 D	总长 L	刀深 B	大小 A	孔径 Hole diameter	螺丝-扳手 Screw Wrench T	刀片型号Insert E
C25T-MVQNR16	25	300	7.0	32	35	M4-15	VN--1604
C32U-MVQNR16	32	350	7.0	39	42		
C40V-MVQNR16	40	400	8.0	48	50		
C50V-MVQNR16	50	400	10	60	63		
C60V-MVQNR16	60	400	12	72	75		

■ 双面M型压板式 MVQNR 菱形35°

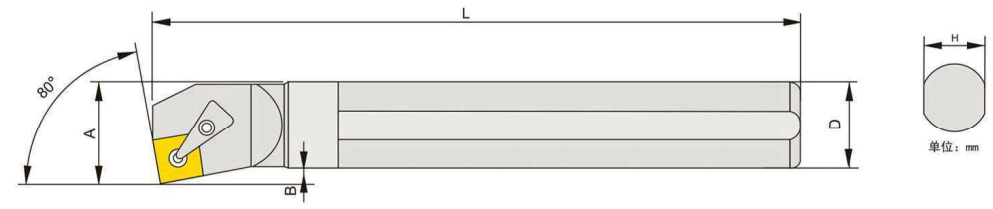
Double-sided M Type Pressure Plate Type MVQNR Rhombus 35°

刀尖的标准配置
Standard configuration of tool tip
VN1604=R0.4

型号规格 specification	柄径 D	总长 L	大小 A	刀深 B	孔径 Hole diameter	螺丝-扳手 Screw Wrench T	刀片型号Insert E
C25T-MVUNR16	25	300	7.0	32	35	M4-15	VN--1604
C32U-MVUNR16	32	350	7.0	39	42		
C40V-MVUNR16	40	400	8.0	48	50		
C50V-MVUNR16	50	400	10	60	63		
C60V-MVUNR16	60	400	12	72	75		

■ 双面M型压板式 MSCNR 正方形90°

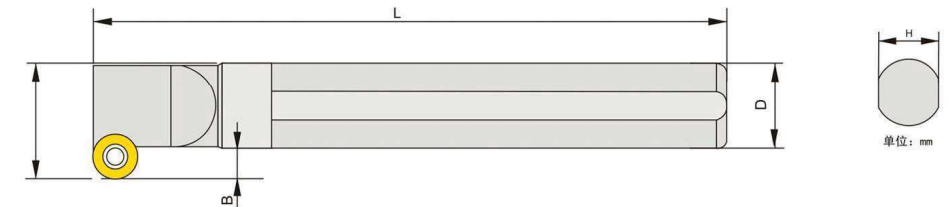
Double-sided M Type Pressure Plate Type MSCNR Square 90°

刀尖的标准配置
Standard configuration of tool tip
SN12=R0.4

型号规格 specification	柄径 D	总长 L	刀深 B	大小 A	孔径 Hole diameter	螺丝-扳手 Screw Wrench T	刀片型号Insert E
C25T-MSCNR12	25	300	4.0	29	32	M4-15	SN--12
C32U-MSCNR12	32	350	4.0	36	40		
C40V-MSCNR12	40	400	5.0	45	50		
C50V-MSCNR12	50	400	5.0	55	60		
C60V-MSCNR12	60	400	5.0	65	70		

■ SROPR 圆形

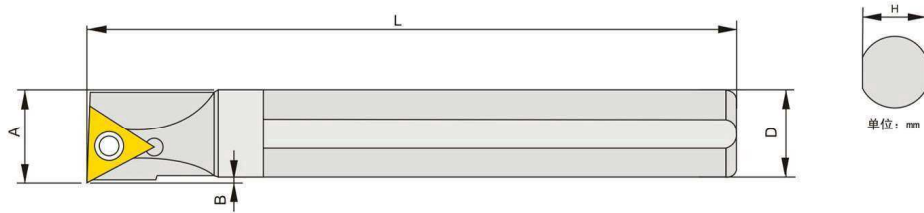
SROPR Round Shape

刀尖的标准配置
Standard configuration of tool tip
DN15=R0.4

型号规格 specification	柄径 D	总长 L	大小 A	有效长 H	孔径 Hole diameter	螺丝-扳手 Screw Wrench T	刀片型号Insert E
C20S-SROPR08	20	250	4.0	24	25	M3-T8	RP--0802
C25T-SROPR08	25	300	4.0	29	32		
C25T-SROPR10	25	300	5.0	30	32	M3.5-T15	RP--1003
C32U-SROPR10	32	350	5.0	37	40		
C40V-SROPR10	40	400	5.0	45	49		
C50V-SROPR12	50	400	6.0	56	60	M4-T15	RP--1204
C60V-SROPR12	60	400	6.0	66	70		

■ 短型抗震内孔刀杆

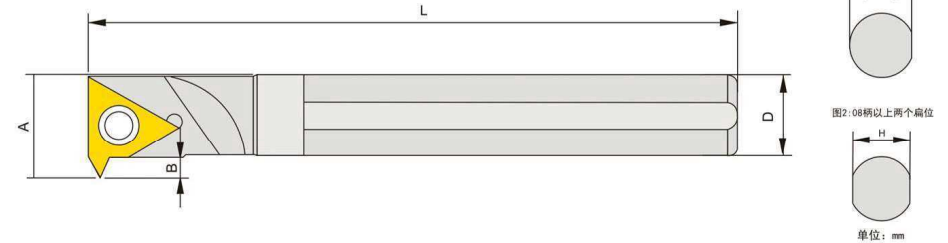
Short Type Shockproof Inner Hole Cutter Bar



型号规格 specification	柄径	总长	大小	刀深	孔径	螺丝-扳手	刀片型号Insert
	D	L	A	B	Hole diameter	T	E
C12M-SCLCR06	12	150	13	1.0	14	M2.5-T8	CCMT0602
C12M-SCLCR09	12	150	13	1.0	14	M3.5-T15	CCMT09T3
C12M-STUCR11	12	150	13	1.0	14	M2.5-T8	TCMT1102
C12M-STUPR11	12	150	13	1.0	14	M3-T8	TPGT1103
C16Q-SCLCR09	16	180	17	1.0	18	M3.5-T15	CCMT09T3
C18R-SCLCR09	18	200	19	1.0	20	M3.5-T15	CCMT09T3
C20R-SCLCR09	20	200	21	1.0	22	M3.5-T15	CCMT09T3
C20R-STUCR11	20	200	21	1.0	22	M2.5-T8	TCMT1102
C20R-STUPR11	20	200	21	1.0	22	M3-T8	TPGT1103
C25S-STUCR11	25	250	28	3.0	30	M2.5-T8	TCMT1102
C25S-STUPR11	25	250	28	3.0	30	M3-T8	TPGT1103
C25T-STUCR11	25	300	28	3.0	30	M2.5-T8	TCMT1102
C25T-STUPR11	25	300	28	3.0	30	M3-T8	TPGT1103

■ 内孔螺纹直柄刀杆

Internal Threaded Straight Shank Arbor



型号规格 specification	柄径	总长	扁位	刀深	大小	孔径	螺丝-扳手	刀片型号Insert
	D	L	H	B	A	Hole diameter	T	E
CNR0005H-06	05	100	4.7	1.3	6.3	7.0	M2.0-T6	06IR
CNR0006J-06	06	110	5.7	1.3	7.3	8.0		
CNR0006J-08	06	110	5.7	1.8	7.8	8.5	M2.2-T7	08IR
CNR0007K-08	07	125	6.7	1.8	8.8	9.5		
CNR0008K-08	08	125	7.4	1.8	9.8	10.5	M2.5-T8	11IR
CNR0008K-11	08	125	7.2	2.0	10	11		
CNR0010K-11	10	125	9.2	2.0	12	13		
CNR0010M-11	10	150	9.2	2.0	12	13	M3.5-T15	16IR
CNR0012M-11	12	150	11.2	2.0	14	15		
CNR0012M-16	12	150	11.2	3.0	15	16	M2.5-T8	11IR
CNR0014Q-11	14	180	13.2	1.6	15.6	17	M3.5-T15	16IR
CNR0014Q-16	14	180	13.2	3.0	17	18		
CNR0016Q-16	16	180	15.2	3.0	19	20		
CNR0020R-16	20	200	18.2	3.0	23	24		
CNR0025S-16	25	250	24	4.0	29	31	M2.0-T6	06IR

高速钢系列 High Speed Steel Series

HNR0005G-06	05	90	4.7	1.3	6.3	07	M2.0-T6	06IR
HNR0006H-06	06	100	5.7	1.3	7.3	08		
HNR0006H-08	06	100	5.7	1.5	7.5	08	M2.2-T7	08IR
HNR0007H-08	07	100	6.7	1.5	8.5	09		
HNR0008J-08	08	110	7.2	1.5	9.5	10	M2.5-T8	11IR
HNR0008J-11	08	110	7.2	1.6	9.6	10.5		
HNR0012L-16	12	140	11	3.0	15	16	M3.5-T15	16IR
HNR0014M-11	14	150	13	1.6	15.8	17	M2.5-T8	11IR
HNR0014M-16	14	150	13	3.0	17	18		
HNR0016Q-16	16	180	15	3.0	19	20	M3.5-T15	16IR
HNR0020R-16	20	200	19	3.0	23	24		
HNR0025S-16	25	250	24	3.0	28	30		

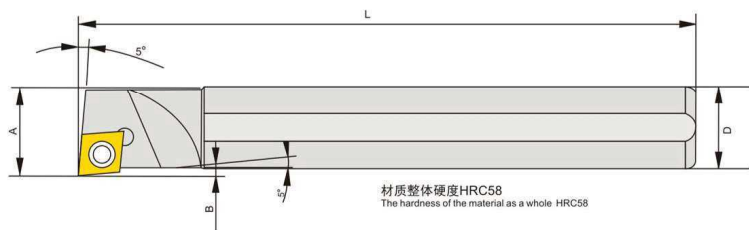
SCLCR 菱形 80°
SCLCR Rhombus 80°材质整体硬度HRC58
The hardness of the material as a whole HRC58

图1: 07柄以下一个偏位

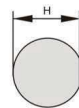


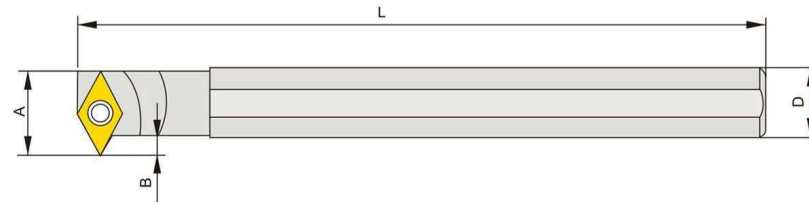
图2: 08柄以上两个偏位



单位: mm

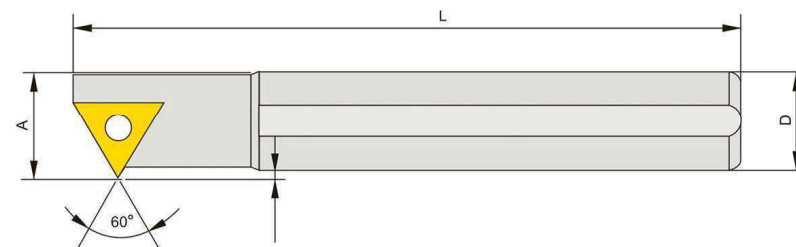
刀尖的标准配置
Standard configuration of tool tip
CC03/CC04=R0.2
CC06/CC09=R0.4
CC12=R0.8注意: 由于刀杆硬度较高, 刀片位于不受冲击力, 在加工盲孔不当时, 主切削大面积接触会发生刀头崩裂现象。
Note: Due to the high hardness of the cutter bar, the blade is not subject to impact. When the blind hole is processed improperly, the main cutting edge will contact with a large area and the cutter head will crack.

型号规格 specification	柄径 D	总长 L	大小 A	刀深 B	孔径 Hole diameter	螺丝-扳手 Screw Wrench	刀片型号Insert E
						T	
H04F-SCLCR03	04	80	4.5	0.5	4.8	M1.6-T6	CC--03S1
H05G-SCLCR03	05	90	5.5	0.5	5.8		
H06H-SCLCR03	06	100	6.5	0.5	6.8		
H05G-SCLCR04	05	90	5.5	0.5	5.8	M2.0-T6	CC--04T0
H06H-SCLCR04	06	100	6.5	0.5	6.8		
H07H-SCLCR04	07	100	7.5	0.5	7.8		
H08J-SCLCR04	08	110	8.5	0.5	8.8	M2.5-T8	CC--0602
H07H-SCLCR06	07	100	7.7	0.7	8.5		
H06H-SCLCR06	06	100	7.5	1.5	8.5		
H08J-SCLCR06	08	110	8.7	0.7	9.5	M3.5-T15	CC--09T3
H10K-SCLCR06	10	125	11	1.0	12		
H12L-SCLCR06	12	140	13	1.0	14		
H12L-SCLCR09	12	140	13.5	1.5	15	M2.5-T8	CC--0602
H14M-SCLCR06	14	150	15	1.0	16		
H16Q-SCLCR06	16	180	17	1.0	18		
H14M-SCLCR09	14	150	15	1.0	16	M3.5-T15	CC--09T3
H16Q-SCLCR09	16	180	17	1.0	18		
H18R-SCLCR09	18	200	19	1.0	20		
H20R-SCLCR09	20	200	21	1.0	22	M4.0-T15	CC--09T3
H25S-SCLCR09	25	250	27	2.0	29		
H32T-SCLCR09	32	300	34	2.0	36		
H40U-SCLCR12	40	350	44	4.0	48	M5.0-T20	CC--1204

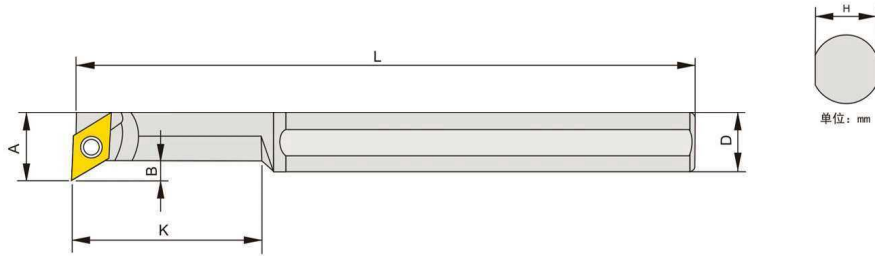
SDWCR 菱形 55°
SDWCR Rhombus 55°

单位: mm

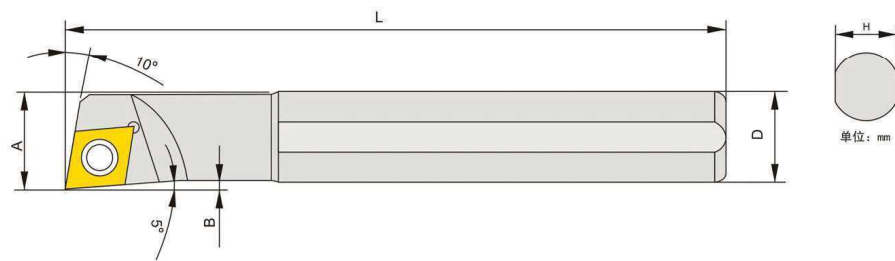
型号规格 specification	柄径 D	总长 L	大小 A	刀深 B	孔径 Hole diameter	螺丝-扳手 Screw Wrench	刀片型号Insert E
						T	
H12L-SDWCR07-B1.5	12	140	13.5	1.5	15	M2.5-T8	DCMT0702
H14M-SDWCR07-B1.5	14	150	15.5	1.5	17		
H16Q-SDWCR07-B1.5	16	180	17.5	1.5	19		
H18R-SDWCR07-B1.5	18	200	19.5	1.5	21		
H20R-SDWCR07-B1.5	20	200	21.5	1.5	23		

STWBR/CR 三角形 60°
STWBR/CR Triangle 60°刀尖的标准配置
Standard configuration of tool tip
TB06=R0.2

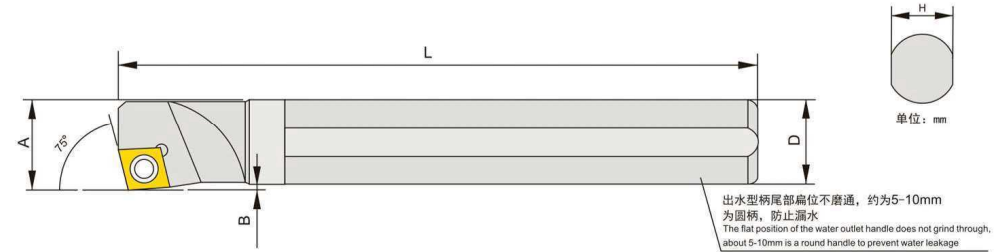
型号规格 specification	柄径 D	总长 L	大小 A	刀深 B	孔径 Hole diameter	螺丝-扳手 Screw Wrench	刀片型号Insert E
						T	
H06H-STWBR06	06	100	7.0	1.0	7.5	M2.0-T6	TBGT0601
H08J-STWCR09	08	110	9.5	1.5	10	M2.2-T7	TCMT0902
H10K-STWCR11	10	125	11.5	1.5	12	M2.5-T8	TCMT1102
H12L-STWCR11	12	140	13.5	1.5	14		
H14M-STWCR11	14	150	15.5	1.5	16		
H16Q-STWCR11	16	180	17.5	1.5	18		

SDUCR 菱形 55°
SDUCR Rhombus 55°

型号规格 specification	柄径	总长	大小	刀深	径长	孔径	螺丝-扳手 Screw Wrench	刀片型号Insert
	D	L	A	B	K	Hole diameter	T	E
H10K-SDUCR07-X32	10	125	11	3.0	32	12	M2. 5-T8	DCMT0702
H12L-SDUCR07-X40	12	140	13	3.0	40	14		
H14M-SDUCR07-X48	14	150	15	3.0	48	16		
H16Q-SDUCR07-X56	16	180	17	3.0	56	18		
H18Q-SDUCR07-X64	18	180	19	3.0	64	20		
H20R-SDUCR07-X72	20	200	21	3.0	72	22		

刀尖的标准配置
Standard configuration of tool tip
CE04-R0.2

型号规格 specification	柄径	总长	大小	刀深	孔径	螺丝-扳手 Screw Wrench	刀片型号Insert
	D	L	A	B	Hole diameter	T	E
H05G-SEXPR04	05	90	6.5	0.5	06	M2. 0-T6	EP--0401
H06H-SEXPR04	06	100	7.5	0.5	07		
H07H-SEXPR04	07	100	8.5	0.5	08		

SCKCR 菱形 80°
SCKCR Rhombus 80°刀尖的标准配置
Standard configuration of tool tip
CC06/0CC09-R0.4

型号规格 specification	柄径	总长	大小	刀深	孔径	螺丝-扳手 Screw Wrench	刀片型号Insert
	D	L	A	B	Hole diameter	T	E
H08J-SCKCR06	08	110	09	1.0	10	M2. 5-T8	CC--0602
H10K-SCKCR06	10	125	11	1.0	12		
H12L-SCKCR06	12	140	13	1.0	14		
H14M-SCKCR09	14	150	15	1.0	16	M3. 5-T15	CC--09T3
H16Q-SCKCR09	16	180	17	1.0	18		
H20R-SCKCR09	20	200	21	1.0	22		
H25S-SCKCR09	25	250	26	1.0	27	M4. 0-T15	CC--09T3

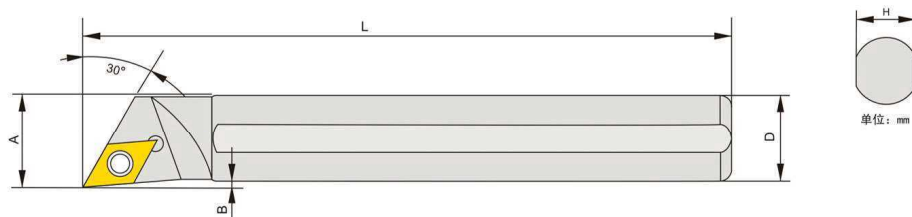
以下型号使用刀片为正方形系列

The Following Models Use Inserts As Square Series

型号规格 specification	柄径	总长	大小	刀深	孔径	螺丝-扳手 Screw Wrench	刀片型号Insert
	D	L	A	B	Hole diameter	T	E
H08J-SSKCR06	08	110	09	1.0	10	M2. 5-T8	SC--0602
H10K-SSKCR06	10	125	11	1.0	12		
H12L-SSKCR09	12	140	13	1.0	14		
H14M-SSKCR09	14	150	15	1.0	16	M3. 5-T15	SC--09T3
H16Q-SSKCR09	16	180	17	1.0	18		
H20R-SSKCR09	20	200	21	1.0	22		
H25S-SSKCR09	25	250	26	1.0	27	M4. 0-T15	

平底铣刀
Square
End Mill长颈铣刀
Long Neck
End Mill球头铣刀
Ball
End Mill长颈球头
Long Neck
Ball End Mill圆鼻铣刀
Round
End Mill长颈圆鼻
Long Neck
Round End Mill螺纹铣刀
Thread Milling
End Mill钻头
Drilling
End Mill螺纹刀头
Thread Cutter Head抗震刀杆
Anti-Vibration
Holder刀粒
Cutting Inserts

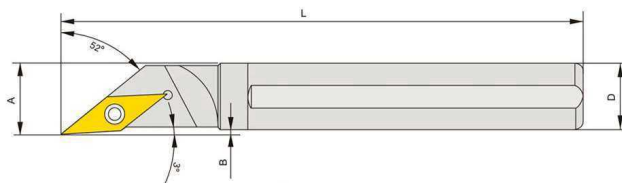
SDXCR 菱形 55° SDXCR Rhombus 55°



刀尖的标准配置 Standard configuration of tool tip
DC07=R0.4
DC11=R0.4

型号规格 specification	柄径 D	总长 L	大小 A	刀深 B	孔径 Hole diameter	螺丝-扳手 Screw Wrench T	刀片型号Insert E
H08J-SDXCR07	08	110	09	1.0	10	M2.5-T8	DC--0702
H10K-SDXCR07	10	125	11	1.0	12		
H12L-SDXCR07	12	140	13	1.0	14		
H14M-SDXCR07	14	150	15	1.0	16		
H16Q-SDXCR07	16	180	17	1.0	18	M4.0-T15	DC--11T3
H20R-SDXCR11	20	200	21	1.0	22		
H25S-SDXCR11	25	250	26	1.0	28		

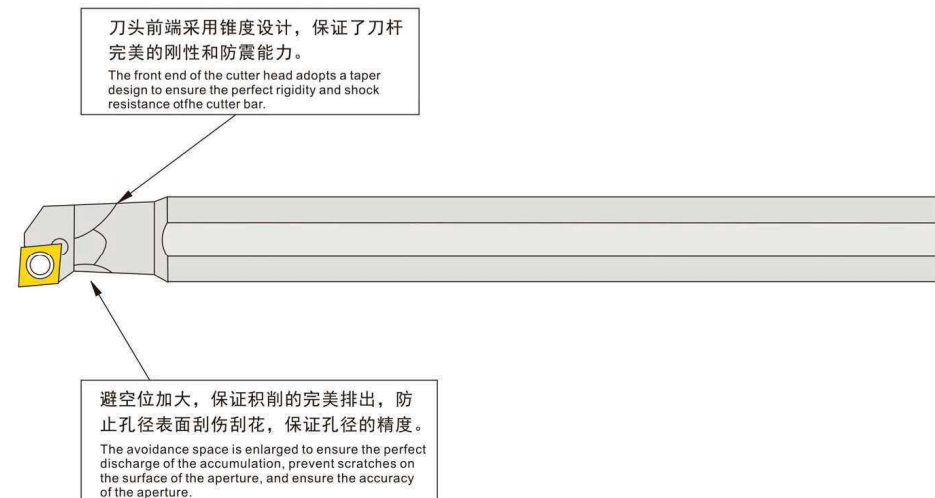
SVJCR 菱形 35° SVJCR Rhombus 35°



刀尖的标准配置 Standard configuration of tool tip
VC=R0.4

型号规格 specification	柄径 D	总长 L	大小 A	刀深 B	孔径 Hole diameter	螺丝-扳手 Screw Wrench T	刀片型号Insert E
H08J-SVJCR08	06	100	7.0	1.0	7.5	M2.0-T6	TBGT0601
H10K-SVJCR11	08	110	9.5	1.5	10	M2.2-T7	TCMT0902
H12L-SVJCR11	10	125	11.5	1.5	12	M2.5-T8	DCMT0702
H14M-SVJCR11	12	140	13.5	1.5	14		
H16Q-SVJCR11	14	150	15.5	1.5	16		
H20R-SVJCR11	16	180	17.5	1.5	18		

全新的设计理念 Brand New Design Concept

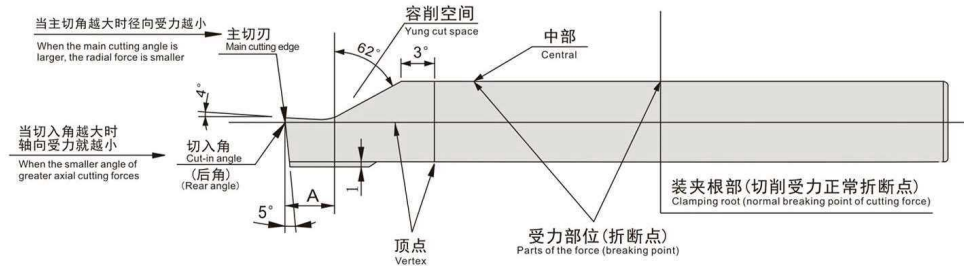


- 1、抗震性能良好，
- 2、刀杆强度极高，
- 3、排屑能力极好，
- 4、切削稳定性好。

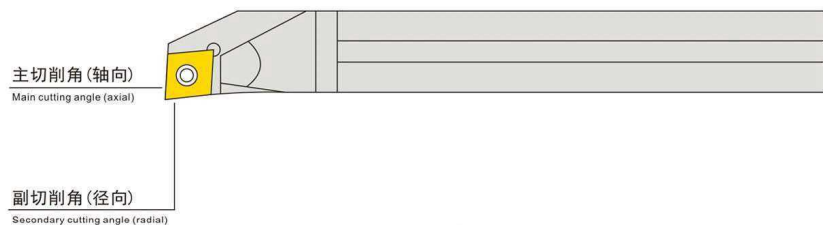
1. Good seismic performance,
2. The strength of the cutter bar is extremely high,
3. Excellent cutting ability,
4. Good cutting stability.

硬质合金抗震内孔刀杆

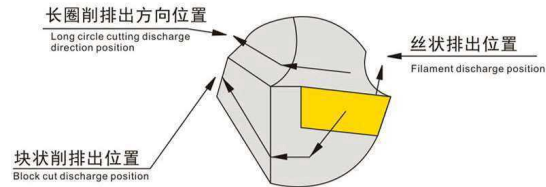
Solid Carbide Anti-vibration Boring Bar



正常切削受力过大时不发生非受力顶点折断。
Unstressed vertex break does not occur during normal cutting excessive force.



各削状的排削示意图
Schematic Diagram Of Each Cut Shape



排出切削形状的方向取决于刀片的型号和
被加工的材质

The direction in which the cutting shape is discharged depends on
the model of the insert and the material being processed

刀杆的震动图解以及使用方法

Vibration Diagram Of the Tool Holde And How To Use It

对于不同的刀架形式，装刀的方法也有所不同，如转塔式刀架排刀式的装刀位是有内孔也座的，装刀时对好螺丝即可。而对于平面机床即厂家没有预装内孔刀座的，那么我们要安装内孔刀就要一定的技术要求了。最基本的一点就是刀杆中心对切削孔中心，理论方法在下图作出解释。

For different types of tool holders, the method of installing the insert is also different. For example, the tool holder of the turret type tool holder has an inner hole and a seat, and the screws can be properly installed when installing the insert. For plane machine tools, that is, if the manufacturer does not pre-install the inner hole tool holder, then we need to install the inner hole tool. Certain technical requirements. The most basic point is that the center of the tool bar is to the center of the cutting hole. The theoretical method is explained in the figure below.

