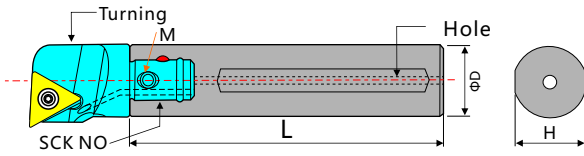


Modularity High hardness high rigidity cutter

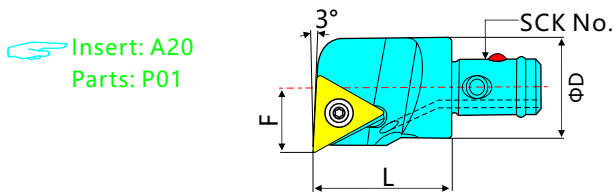


Type Ordering code	SCK No	Dimensions			Screw	Wrench	Stock	Order Number	Price (RMB)
		ΦD	L						
SCK1-Y20-180L	SCK1	20	180		M5	L2.5	●	221100	1700
SCK2-Y25-175L	SCK2	25	175		M6	L3	●	221102	2050
SCK2-Y25-225L	SCK2	25	225		M6	L3	●	221104	2150
SCK3-Y32-220L	SCK3	32	220		M6	L3	○	221106	2400
SCK3-Y32-270L	SCK3	32	270		M6	L3	○	221108	2600
SCK4-Y40-267L	SCK4	40	267		M8	L4	○	221110	3000
SCK5-Y50-300L	SCK5	50	300		M10	L5	○	221112	3600

Modularity Carbide Turning

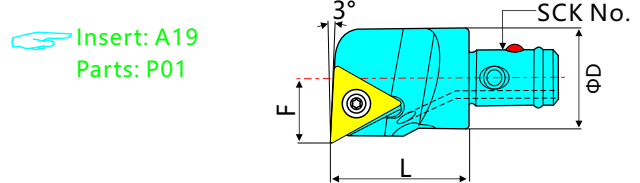
Type Ordering code	SCK No	Dimensions			Screw	Wrench	Stock	Order Number	Price (RMB)
		ΦD	L						
SCK1-E20-180L	SCK1	20	180		M5	L2.5	●	221500	6000
SCK1-E20-230L	SCK1	20	230		M5	L2.5	●	221502	6800
SCK2-E25-175L	SCK2	25	175		M6	L3	●	221504	8000
SCK2-E25-225L	SCK2	25	225		M6	L3	●	221506	12000
SCK3-E32-170L	SCK3	32	170		M6	L3	○	221508	14000
SCK3-E32-220L	SCK3	32	220		M6	L3	○	221510	16000
SCK3-E32-270L	SCK3	32	270		M6	L3	○	221512	18000
SCK4-E40-267L	SCK4	40	267		M8	L4	○	221514	
SCK5-E50-300L	SCK5	50	300		M10	L5	○	221516	

STUP Type Modularity Turning



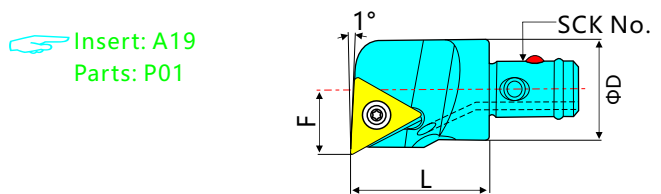
Type Ordering code	INSERT	Dimensions				Screw	Wrench	Stock	Order Number	Price (RMB)
		Min A	ΦD	L	F					
SCK1-A20-STUPR11-22	TP1103	22	20	22	11.5	M3×8	T9	●	221200	750
SCK2-A25-STUPR11-30		30	25	25	15			●	221202	850
SCK1-A20-STUPR1603-25		25	20	22	13			●	221204	750
SCK2-A25-STUPR1603-28	TP1603	28	25	27	14	M4×8	T15	●	221206	850
SCK3-A32-STUPR1603-38		38	32	30	7.5			○	221208	1200
SCK4-A40-STUPR1603-50		50	40	33	21.5			○	221210	1500
SCK5-A50-STUPR1603-60		60	50	35	26.5			○	221212	1600
SCK1-A20-STUPR16T3-25		25	20	22	13			●	221214	
SCK2-A25-STUPR16T3-28	28	25	27	14	●	221216				
SCK3-A32-STUPR16T3-38	TP16T3	38	32	30	17.5	M4×8	T15	○	221218	
SCK4-A40-STUPR16T3-50		50	40	33	21.5			○	221220	
SCK5-A50-STUPR16T3-60		60	50	35	26.5			○	221222	
SCK1-A20-STUPR1604-25	TP1604	25	20	22	13	M4×8	T15	●	221224	
SCK2-A25-STUPR1604-28		28	25	27	14			●	221226	
SCK3-A32-STUPR1604-38		38	32	30	17.5			○	221228	
SCK4-A40-STUPR1604-50		50	40	33	21.5			○	221230	
SCK5-A50-STUPR1604-60		60	50	35	26.5			○	221232	

STUC Type Modularity Turning



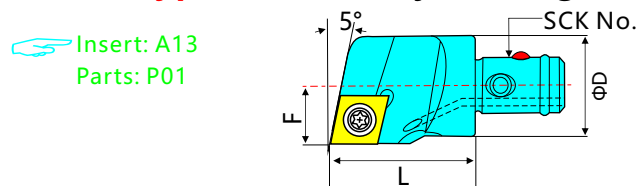
Type Ordering code	INSERT	Dimensions				Screw	Wrench	Stock	Order Number	Price (RMB)
		Min A	ΦD	L	F					
SCK1-A20-STUCR11-22	TC1103	22	20	22	11	M2.5×6	T8	●	221600	
SCK2-A25-STUCR11-28		28	25	25	14			●	221602	
SCK1-A20-STUCR16-22		22	20	22	11			●	221604	
SCK2-A25-STUCR16-28	TC16T3	28	25	27	14	M4×8	T15	●	221606	
SCK3-A32-STUCR16-38		38	32	30	17.5			○	221608	
SCK4-A40-STUCR16-50		50	40	33	21.5			○	221610	
SCK5-A50-STUCR16-60		60	50	35	26.5			○	221612	

STFC Type Modularity Turning



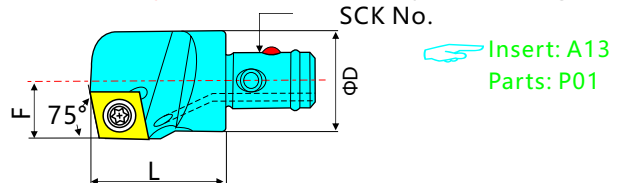
Type Ordering code	INSERT	Dimensions				Screw	Wrench	Stock	Order Number	Price (RMB)
		Min A	ΦD	L	F					
SCK1-A20-STFCR11-22	TC1102	22	20	22	11	M2.5×6	T8	●	221700	
SCK1-A20-STFCR16-22	TC16T3	22	20	22	11.5	M4×8	T15	●	221702	
SCK2-A25-STFCR11-28	TC1102	28	25	25	14	M2.5×6	T8	●	221704	
SCK2-A25-STFCR16-28	TC16T3	28	32	27	14	M4×8	T15	●	221706	
SCK3-A32-STFCR16-38		38	32	30	17.5			○	221708	
SCK4-A40-STFCR16-50		50	40	33	21.5			○	221710	
SCK5-A50-STFCR16-60	60	50	35	26.5	○	221712				

SCLC Type Modularity Turning



Type Ordering code	INSERT	Dimensions				Screw	Wrench	Stock	Order Number	Price (RMB)
		Min A	ΦD	L	F					
SCK1-A20-SCLCR09-22	CC09T3	22	20	22	11	M4×8	T15	●	221300	
SCK2-A25-SCLCR09-28		28	25	25	14.5			●	221302	
SCK3-A32-SCLCR09-38		38	32	30	17.5			●	221304	
SCK4-A40-SCLCR09-50		50	40	33	21			●	221306	
SCK5-A50-SCLCR09-60		60	50	35	30			○	221308	

SCKC Type Modularity Turning



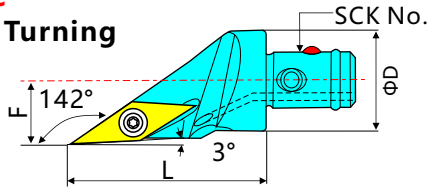
Type Ordering code	INSERT	Dimensions				Screw	Wrench	Stock	Order Number	Price (RMB)
		Min A	ΦD	L	F					
SCK1-A20-SCKCR09-22	CC09T3	22	20	22	11	M4×8	T15	●	221800	
SCK2-A25-SCKCR09-30		30	25	25	15			●	221802	
SCK3-A32-SCKCR09-38		38	32	30	17.5			○	221804	

SCLP Type Modularity Turning

Type Ordering code	INSERT	Dimensions				Screw	Wrench	Stock	Order Number	Price (RMB)
		Min A	ΦD	L	F					
SCK1-A20-SCLPR09-22	CP0903	22	20	22	11	M4×8	T15	●	221400	
SCK2-A25-SCLPR09-28		28	25	25	14.5			○	221402	
SCK3-A32-SCLPR09-38		38	32	30	17.5			○	221404	

SVJC Type Modularity Turning

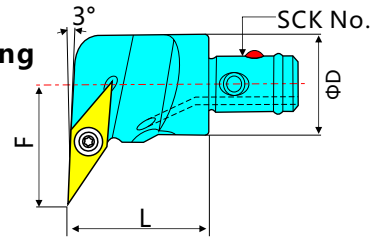
Insert: A23
Parts: P01



Type Ordering code	INSERT	Dimensions				Screw	Wrench	Stock	Order Number	Price (RMB)
		Min A	ΦD	L	F					
SCK1-A20-SVJCR11-22	VC1103	22	20	19	11	M2.5×6	T8	●	221900	19
SCK1-A20-SVJCR16-22		22	20	33	11			●	221902	33
SCK2-A25-SVJCR16-28	VC1604	28	25	35	14	M3.5×6	T15	●	221904	35
SCK3-A32-SVJCR16-35		35	32	39	17.5			●	221906	39

SVUC Type Modularity Turning

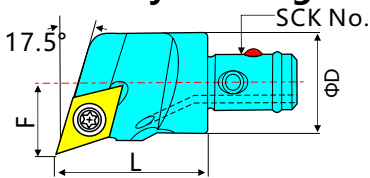
Insert: A23
Parts: P01



Type Ordering code	INSERT	Dimensions				Screw	Wrench	Stock	Order Number	Price (RMB)
		Min A	ΦD	L	F					
SCK1-A20-SVUCR11-27	VC1103	27	20	22	15	M2.5×6	T8	●	222300	
SCK2-A25-SVUCR11-30		30	25	25	17			●	222302	
SCK1-A20-SVUCR16-31		31	20	27	19			●	222304	
SCK2-A25-SVUCR16-33		33	25	27	18			●	222306	
SCK3-A32-SVUCR16-40	VC1604	40	32	30	22	M3.5×8	T15	○	222308	
SCK4-A40-SVUCR16-50		50	40	33	27			○	222310	

SDQC Type Modularity Turning

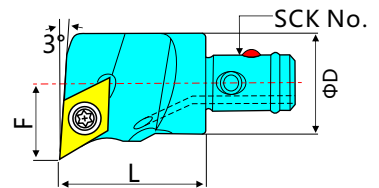
Insert: A15
Parts: P01



Type Ordering code	INSERT	Dimensions				Screw	Wrench	Stock	Order Number	Price (RMB)
		Min A	ΦD	L	F					
SCK1-A20-SDQCR11-25		25	20	22	13			●	222000	13
SCK2-A25-SDQCR11-32		32	25	27	17			●	222002	17
SCK3-A32-SDQCR11-40	DC11T3	40	32	30	20	M4×8	T15	●	222004	20
SCK4-A40-SDQCR11-50		50	40	33	25			●	222006	25
SCK5-A50-SDQCR11-60		60	50	35	30			○	222008	30

SDUC Type Modularity Turning

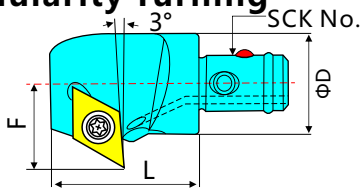
Insert: A15
Parts: P01



Type Ordering code	INSERT	Dimensions				Screw	Wrench	Stock	Order Number	Price (RMB)
		Min A	ΦD	L	F					
SCK1-A20-SDUCR11-23		23	20	22	12.5			●	222400	
SCK1-A20-SDUCR11-25		25	20	22	13			●	222402	
SCK2-A25-SDUCR11-32		32	25	25	17			●	222404	
SCK3-A32-SDUCR11-40	DC11T3	40	32	30	20	M4×8	T15	●	222406	
SCK4-A40-SDUCR11-50		50	40	33	25			○	222408	
SCK5-A50-SDUCR11-60		60	50	35	30			○	222410	

SDZC Type Modularity Turning

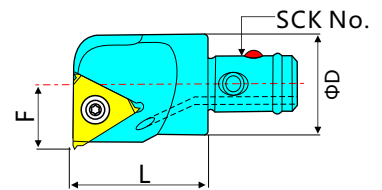
Insert: A15
Parts: P01



Type Ordering code	INSERT	Dimensions				Screw	Wrench	Stock	Order Number	Price (RMB)
		Min A	ΦD	L	F					
SCK1-A20-SDZCR11-26	DC11T3	26	20	29	15.5	M4×8	T15	●	222100	29
SCK2-A25-SDZCR11-33		33	25	34	18			●	222102	34
SCK3-A32-SDZCR11-40		40	32	35	21.5			○	222104	35

SIR Type Modularity Turning

Insert:
A39-A44
Parts: P01



Type Ordering code	INSERT	Dimensions				Screw	Wrench	Stock	Order Number	Price (RMB)
		Min A	ΦD	L	F					
SCK1-A20-SIR16-24	16NR	24	20	22	13.7	M3/M3.5×8	T15	●	222500	
SCK2-A25-SIR16-29		29	25	27	16.2	M3/M3.5×12		●	222502	

MGIV Type Modularity Turning

Insert: A35
Parts: K01

Type Ordering code	INSERT	Dimensions				Screw	Wrench	Stock	Order Number	Price (RMB)
		Min A	ΦD	L	F					
SCK1-A20-MGIVR25-2	MGMN2	25	20	24	14.1			○	222200	24
SCK1-A20-MGIVR25-3		3	25	20	14.1			○	222202	24
SCK1-A20-MGIVR25-4		4	25	20	14.1			○	222204	24
SCK2-A25-MGIVR30-2	MGMN2	30	25	25	16.6	M5×12	T15	○	222206	25
SCK2-A25-MGIVR32-3		3	32	25	18.6			○	222208	25
SCK2-A25-MGIVR32-4		4	32	25	18.6			○	222210	25

MTUN Type Modularity Turning

Insert: A07-A08
Parts: P01

Type Ordering code	Dimensions			INSERT	Shim	Pin	Clamp	Screw	Wrench	Stock	Order Number	Price (RMB)
	Min A	ΦD	L									
SCK1-A20-MTUNR16-25	25	20	29	13						●	222600	29
SCK2-A25-MTUNR16-32	32	25	30	17		CTM511	HL1810	ML0620	L2.5 L3.0	●	222602	30
SCK3-A32-MTUNR16-40	40	32	34	20						●	222604	34
SCK4-A40-MTUNR16-50	50	40	35	26		CTM513	HL1813	ML0625	L2.5 L3.0	●	222606	35
SCK5-A50-MTUNR16-60	60	50	36	31	MT1604					○	222608	36

MCLN Type Modularity Turning

Insert: AA01-A02
Parts: P01

Type Ordering code	Dimensions			INSERT	Shim	Pin	Clamp	Screw	Wrench	Stock	Order Number	Price (RMB)
	Min A	ΦD	L									
SCK1-A20-MCLNR12-25	25	20	33	13						●	222700	13
SCK2-A25-MCLNR12-32	32	25	34	15		CTM511	HL1810	ML0620	L2.5 L3.0	●	222702	15
SCK3-A32-MCLNR12-40	40	32	35	20						●	222704	20
SCK4-A40-MCLNR12-50	50	40	35	25		CTM513	HL1813	ML0625	L2.5 L3.0	●	222706	25
SCK5-A50-MCLNR12-63	63	50	36	30	CN1204					○	222708	30

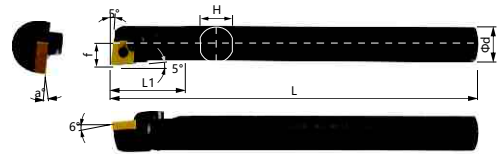
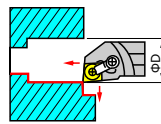
MCLN

Boring Turning

Insert:
A01-A02
Parts: P01



Angle 95°



Type Ordering code	Dimensions							Insert	Shim	Pin	Clamp	Screw	Wrench	Stock		Order Number	Price (RMB)
	ΦD	Φd	L	L1	H	f	α°							R	L		
S16Q-MCLNR/L12	22	16	180	35	15	11	18°	CN..1204..	MC1204	CTM613	HL1810	ML0620	L2.5 L3.0	•	•	223100	180
S20R-MCLNR/L12	25	20	200	45	19	13	15°							•	•	223102	192
S25S-MCLNR/L12	32	25	250	45	25	16.5	12°							•	•	223104	220
S32T-MCLNR/L12	40	32	300	50	30	22.5	17°							•	•	223106	360
S40T-MCLNR/L12	50	40	300	55	38	26	15°	CN..1606..	MC1604	CTM617	HL1813	ML0625	L2.5 L3.0	•	•	223108	540
S50U-MCLNR/L12	60	50	350	55	48	31	12°							•	•	223110	1000
S40T-MCLNR/L16	50	40	300	60	38	26	15°							•	•	223112	540
S50U-MCLNR/L16	60	50	350	60	48	31	12°							•	•	223114	1000
S60V-MCLNR/L16	70	60	400	60	58	36	10°	CN..1906..	MC1904	CTM1022	HL2217	ML0830	L3.0/L4.0	•	•	223116	1800
S50U-MCLNR/L19	60	50	350	70	48	31	12°							•	•	223118	1000
S60V-MCLNR/L19	70	60	400	70	58	36	10°							•	•	223120	1800

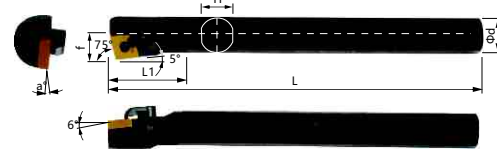
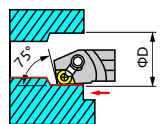
MCKN

Boring Turning

Insert:
A01-A02
Parts: P01



Angle 75°



Type Ordering code	Dimensions							Insert	Shim	Pin	Clamp	Screw	Wrench	Stock		Order Number	Price (RMB)
	ΦD	Φd	L	L1	H	f	α°							R	L		
S20R-MCKNR/L12	26	20	200	45	19	14	15°	CN..1204..	MC1204	CTM613	HL1810	ML0620	L2.5 L3.0	•	•	223200	192
S25S-MCKNR/L12	32	25	250	45	24	16.5	12°							•	•	223202	220
S32T-MCKNR/L12	40	32	300	50	30	22.5	17°							•	•	223204	360
S40T-MCKNR/L12	50	40	300	55	38	26	15°							•	•	223206	540
S50U-MCKNR/L12	60	50	350	70	48	35	12°	•	•	223208	1000						

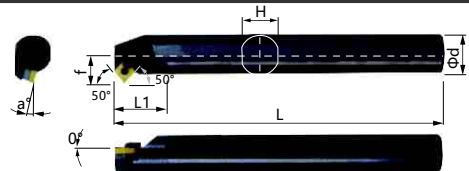
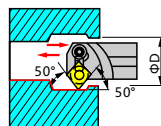
MCWN

Boring Turning

Insert:
A01-A02
Parts: P01



Angle 75°



Type Ordering code	Dimensions							Insert	Shim	Pin	Clamp	Screw	Wrench	Stock		Order Number	Price (RMB)
	ΦD	Φd	L	L1	H	f	α°							R	L		
S20R-MCWNR/L12	30	20	200	45	19	17	15°	CN..1204..	MC1204	CTM613	HL1810	ML0620	L2.5 L3.0	•	•	223300	192
S25S-MCWNR/L12	35	25	250	45	24	19.5	12°							•	•	223302	220
S32T-MCWNR/L12	42	32	300	50	30	23.5	17°							•	•	223304	360
S40T-MCWNR/L12	50	40	300	55	38	27	15°							•	•	223306	540

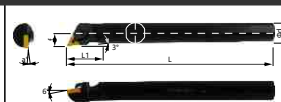
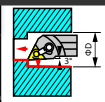
MTJN

Boring Turning

Insert:
A07-A08
Parts: P01



Angle 93°



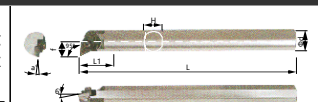
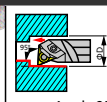
WTUN

Boring Turning

Insert:
A07-A08
Parts: P01



Angle 95°

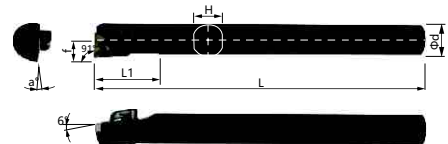
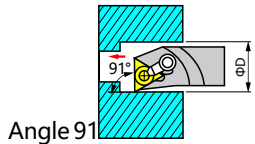


Type Ordering code	Dimensions							Insert	Shim	Pin	Clamp	Screw	Wrench	Stock		Order Number	Price (RMB)
	ΦD	Φd	L	L1	H	f	α°							R	L		
S20R-MTJNR/L16	25	20	200	40	19	12.5	15°	TN..1604..	MT1603	CTM511	HL1810	ML0620	L2.5 L3.0	•	•	223400	192
S25S-MTJNR/L16	32	25	250	45	24	16	12°							•	•	223402	220
S32T-MTJNR/L16	41	32	300	54	30	22.5	17°							•	•	223404	360
S40U-MTJNR/L16	50	40	350	55	38	27	15°							•	•	223406	540
S25S-WTUNR/L16	32	25	250	36	23	17	12°	TN..1604..	MT1603	CTM515-T	HLT-16	M5 X 23	L2.5 L4.0	•	•	223408	370
S32T-WTUNR/L16	40	32	300	46	30	22.5	17°							•	•	223410	600
S40U-WTUNR/L16	45	40	350	56	38	26.5	15°							•	•	223412	900
S50W-WTUNR/L16	55	50	450	66	48	29.5	15°							•	•	223414	1600

MTFN

Boring Turning

Insert:
A07-A08
Parts: P01

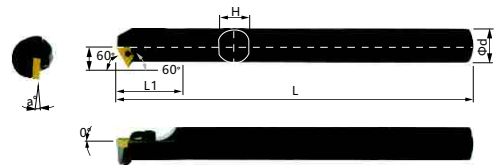
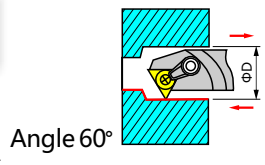


Type Ordering code	Dimensions							Insert	Shim	Pin	Clamp	Screw	Wrench	Stock		Order Number	Price (RMB)
	ΦD	Φd	L	L1	H	f	α°							R	L		
S16Q-MTFNR/L16	22	16	180	35	15	11	18°	TN..1604..	MT1603	CTM511	HL1810	ML0620	L2.5	●	●	223500	180
S20R-MTFNR/L16	25	20	200	40	19	13	15°						L3.0	●	●	223502	192
S25S-MTFNR/L16	31	25	250	45	24	16.5	12°						L2.5	●	●	223504	220
S32T-MTFNR/L16	41	32	300	54	30	22.5	17°						L3.0	●	●	223506	360
S40T-MTFNR/L16	50	40	300	60	38	26.5	15°						●	●	223508	540	

MTWN

Boring Turning

Insert:
A07-A08
Parts: P01

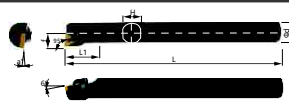
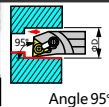


Type Ordering code	Dimensions							Insert	Shim	Pin	Clamp	Screw	Wrench	Stock		Order Number	Price (RMB)
	ΦD	Φd	L	L1	H	f	α°							R	L		
S20R-MTWNR/L16	27	20	200	40	19	14	15°	TN..1604..	MT1603	CTM511	HL1810	ML0620	L2.5	●	●	223600	192
S25S-MTWNR/L16	32	25	250	45	24	16.5	12°						L3.0	●	●	223602	220
S32T-MTWNR/L16	39	32	300	54	30	20	17°						L2.5/L3.0	●	●	223604	360

MTUN

Boring Turning

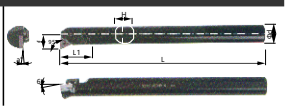
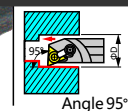
Insert:
A07-A08
Parts: P01



MTLN

Boring Turning

Insert:
A07-A08
Parts: P01



Type Ordering code	Dimensions							Insert	Shim	Pin	Clamp	Screw	Wrench	Stock		Order Number	Price (RMB)
	ΦD	Φd	L	L1	H	f	α°							R	L		
S16Q-MTUNR/L16	22	16	180	35	15	11	18°	TN..1604..	MT1603	CTM511	HL1810	ML0620	L2.5	●	●	223700	180
S20R-MTUNR/L16	25	20	200	40	19	13.5	15°						L3.0	●	●	223702	192
S25S-MTUNR/L16	31	25	250	45	24	17	12°						L2.5	●	●	223704	220
S32T-MTUNR/L16	41	32	300	54	30	22.5	17°						L3.0	●	●	223706	360
S40T-MTUNR/L16	50	40	300	60	38	26.5	15°						L2.5	●	●	223708	540
S50U-MTUNR/L16	60	50	350	65	48	31	12°						L3.0	●	●	223710	1000
S60V-MTUNR/L16	70	60	400	70	58	36	10°	●	●	223712	1800						
S40T-MTUNR/L22	50	40	300	60	38	26.5	15°	TN..2204..	MT2204	CTM617	HL1917	ML0830	L2.5	●	●	223714	540
S50U-MTUNR/L22	60	50	350	65	48	31	12°						L4.0	●	●	223716	1000
S60V-MTUNR/L22	70	60	400	70	58	36	10°						●	●	223718	1800	
C20R-MTUNR/L16-25	25	20	200	-	13	13	15°	TN..1604..	MT1603	CTM511	HL1810	ML0620	L2.5	●	●	223720	5700
C20S-MTUNR/L16-25	25	20	250	-	13	13	15°						L3.0	●	●	223722	6600
C25R-MTUNR/L16-32	32	25	200	-	24	17	12°						L2.5	●	●	223724	6500
C25S-MTUNR/L16-32	32	25	250	-	24	17	12°						L3.0	●	●	223726	7500
C32S-MTUNR/L16-40	40	32	250	-	30	20	17°						L2.5	○	○	223728	
C40S-MTUNR/L16-50	50	40	250	-	38	26	15°						L3.0	○	○	223730	
C50S-MTUNR/L16-60	60	50	250	-	48	31	12°	○	○	223732							

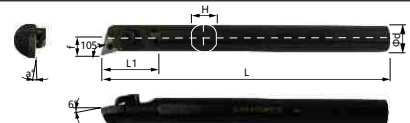
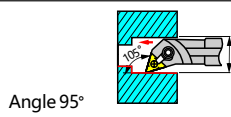
MTLN Type

S18Q-MTLNR/L16	22	18	180	36	17	12.5	15°	TN..1604..	MT1603	CTM511	HL1810	ML0620	L2.0	●	●	223734	190
S20R-MTLNR/L16	25	20	200	37	19	13.5	15°					L3.0	●	●	223736	192	
S25S-MTLNR/L16	30	25	250	45	23	17	12°					L2.5	●	○	223738	220	
S32T-MTLNR/L16	40	32	300	50	30	22.5	17°					L3.0	●	○	223740	360	

MTQN

Boring Turning

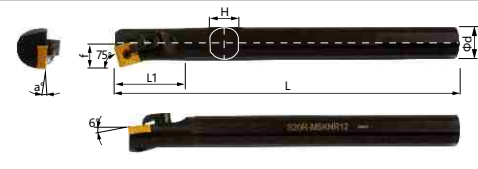
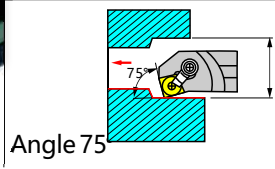
Insert:
A07-A08
Parts: P01



Type Ordering code	Dimensions							Insert	Shim	Pin	Clamp	Screw	Wrench	Stock		Order Number	Price (RMB)
	ΦD	Φd	L	L1	H	f	α°							R	L		
S20R-MTQNR/L16	25	20	200	40	13	13.5	15°	TN..1604..	MT1603	CTM511	HL1810	ML0620	L2.5	●	●	223800	192
S25S-MTQNR/L16	31	25	250	45	24	17	12°						L3.0	●	●	223802	220
S32T-MTQNR/L16	41	32	300	54	30	22.5	17°						L2.5	●	●	223804	360
S40T-MTQNR/L16	50	40	300	60	38	26.5	15°						L3.0	●	●	223806	540

MSKN Boring Turning

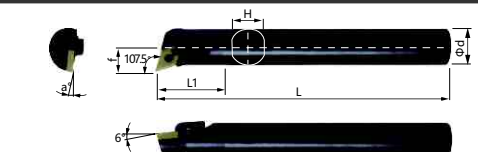
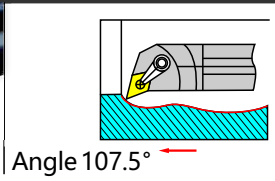
Insert:
A05-A06
Parts: P01



Type Ordering code	Dimensions							Insert	Shim	Pin	Clamp	Screw	Wrench	Stock		Order Number	Price (RMB)
	ΦD	Φd	L	L1	H	f	α°							R	L		
S20R-MSKNR/L12	32	20	200	40	19	14	15°	SN..1204..	MC1204	CTM613	HL1810	ML0620	L2.5 L3.0	•	•	223900	192
S25S-MSKNR/L12	32	25	250	45	24	16.1	12°							•	•	223902	220
S32T-MSKNR/L12	40	32	300	50	30	22	17°							•	•	223904	360
S40T-MSKNR/L12	50	20	300	55	38	27	15°							•	•	223906	540
S50U-MSKNR/L12	60	50	350	65	48	30	12°							•	•	223908	1000

MDQN Boring Turning

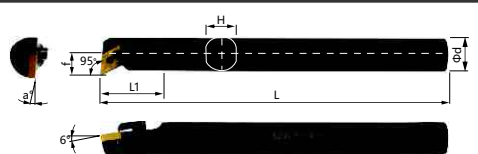
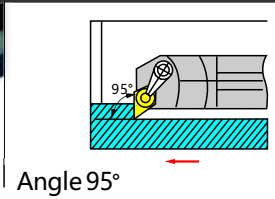
Insert:
A03-A04
Parts: P01



Type Ordering code	Dimensions							Insert	Shim	Pin	Clamp	Screw	Wrench	Stock		Order Number	Price (RMB)
	ΦD	Φd	L	L1	H	f	α°							R	L		
S25S-MDQNR/L15	32	25	250	45	24	17	12°	DN..1504..	MD1506	CTM613	HL2114	ML0620	L2.5 L3.0	•	•	224000	220
S32T-MDQNR/L15	40	32	300	50	30	22.5	17°							•	•	224002	360
S40T-MDQNR/L15	50	40	300	60	38	27	15°							•	•	224004	540

MDUN Boring Turning

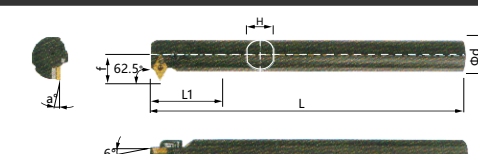
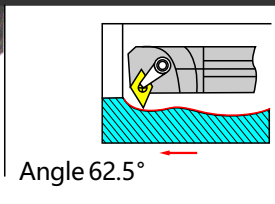
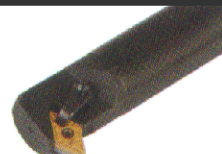
Insert:
A03-A04
Parts: P01



Type Ordering code	Dimensions							Insert	Shim	Pin	Clamp	Screw	Wrench	Stock		Order Number	Price (RMB)
	ΦD	Φd	L	L1	H	f	α°							R	L		
S25S-MDUNR/L15	32	25	250	45	24	16	12°	DN..1504..	MD1506	CTM613	HL2114	ML0620	L2.5 L3.0	•	•	224100	220
S32T-MDUNR/L15	40	32	300	50	30	21	17°							•	•	224102	360
S40T-MDUNR/L15	50	40	300	60	38	26	15°							•	•	224104	540

MDWN Boring Turning

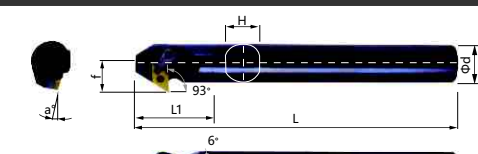
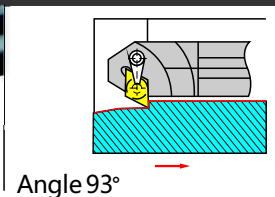
Insert:
A03-A04
Parts: P01



Type Ordering code	Dimensions							Insert	Shim	Pin	Clamp	Screw	Wrench	Stock		Order Number	Price (RMB)
	ΦD	Φd	L	L1	H	f	α°							R	L		
S20R-MDWNR/L11	28	20	200	36	19	16	15°	DN..1504..		CTM511	HL1810	ML0620	L2.0/L3.0	•	•	224200	220
S25S-MDWNR/L15	37	25	250	45	23	22.5	12°			CTM613				•	•	224202	360
S32T-MDWNR/L15	45	32	300	50	30	27	15°	DN..1506..	MD1504	CTM617	HL2114	ML0625	L2.5 L3.0	•	•	224204	540
S40T-MDWNR/L15	53	40	300	55	38	31	15°			MD1506				CTM619	•	•	224206

MDZN Boring Turning

Insert:
A03-A04
Parts: P01



Type Ordering code	Dimensions							Insert	Shim	Pin	Clamp	Screw	Wrench	Stock		Order Number	Price (RMB)
	ΦD	Φd	L	L1	H	f	α°							R	L		
S32T-MDZNR/L15	40	32	300	50	30	23	17°	DN..1504..	MD1506	CTM619	HL2114	ML0625	L2.5 L3.0	•	•	224300	360
S40T-MDZNR/L15	50	40	300	55	38	27	15°							•	•	224302	540

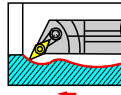
■ MVQN Type

Boring Turning

Insert: A09
Parts: P01



Angle 117.5°



Type Ordering code	Dimensions							Insert	Shim	Pin	Clamp	Screw	Wrench	Stock		Order Number	Price (RMB)
	ΦD	Φd	L	L1	H	f	α°							R	L		
S25S-MVQNR/L16	32	25	250	45	24	17	12°	VN..1604..	MV1603	CTM511	HL2114	ML0625	L2.0	●	●	224400	220
S32T-MVQNR/L16	40	32	300	50	30	23	17°							●	●	224402	360
S40T-MVQNR/L16	50	40	300	60	38	27	15°			●	●	224404	540				

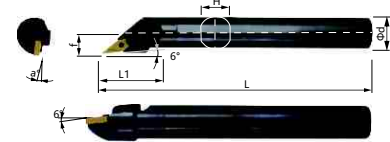
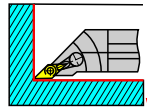
■ MVX(J)N Type

Boring Turning

Insert: A09
Parts: P01



Angle 95°



Type Ordering code	Dimensions							Insert	Shim	Pin	Clamp	Screw	Wrench	Stock		Order Number	Price (RMB)
	ΦD	Φd	L	L1	H	f	α°							R	L		
S20R-MVXNR/L16	27	20	200	40	19	14	15°	VN..1604..		CTM511	HL1810	ML0620	L2.0	●	●	224500	192
S25S-MVXNR/L16	32	25	250	45	24	17	12°							●	●	224502	220
S32T-MVXNR/L16	42	32	300	50	30	23	17°			●	●	224504	360				
S40T-MVXNR/L16	50	40	300	55	38	27	15°	MT1603	CTM513	HL1813	ML0625	L2.0	●	●	224506	540	

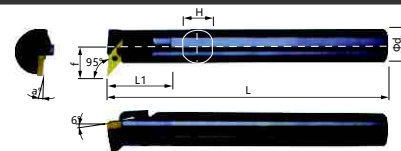
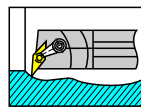
■ MVUN Type

Boring Turning

Insert: A09
Parts: P01



Angle 95°



Type Ordering code	Dimensions							Insert	Shim	Pin	Clamp	Screw	Wrench	Stock		Order Number	Price (RMB)
	ΦD	Φd	L	L1	H	f	α°							R	L		
S25S-MVUNR/L16	36	25	250	45	24	20	12°	VN..1604..	MV1603	CTM511	HL2114	ML0625	L2.0	●	●	224600	220
S32T-MVUNR/L16	42	32	300	50	30	22	17°							●	●	224602	360
S40T-MVUNR/L16	50	40	300	55	38	26	15°			●	●	224604	540				

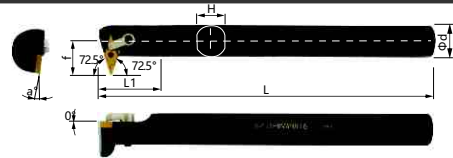
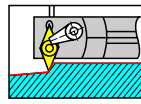
■ MVWN Type

Boring Turning

Insert: A09
Parts: P01



Angle 72.5°

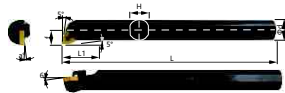
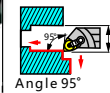


Type Ordering code	Dimensions							Insert	Shim	Pin	Clamp	Screw	Wrench	Stock		Order Number	Price (RMB)
	ΦD	Φd	L	L1	H	f	α°							R	L		
S25T-MVWNR/L16	40	25	200	45	24	26	12°	VN..1504..	MD1506	CTM511	HL2114	ML0620	L2.0	●	●	224700	220
S32T-MVWNR/L16	48	32	250	50	30	30	17°							●	●	224702	360

■ MWLN Type

Boring Turning

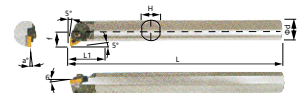
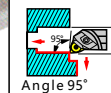
Insert: A11-A12
Parts: P01



■ WWLN Type

Boring Turning

Insert: A11-A12
Parts: P01

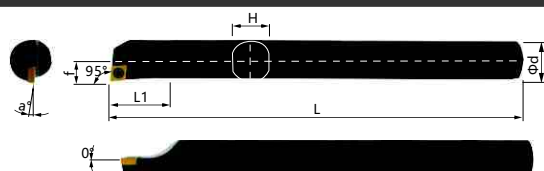
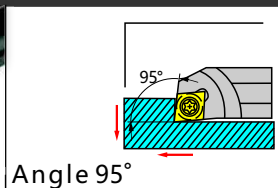


Type Ordering code	Dimensions							Insert	Shim	Pin	Clamp	Screw	Wrench	Stock		Order Number	Price (RMB)
	ΦD	Φd	L	L1	H	f	α°							R	L		
S16Q-MWLN/L06	20	16	180	35	15	11.0	18°	WN..0604..		CTM511	HL1511	ML0520	L2.0/L2.5	●	●	224800	180
S20R-MWLN/L06	24	20	200	40	19	13.0	15°							●	●	224802	192
S25S-MWLN/L06	32	25	250	45	23	17.0	12°			●	●	224804	220				
S16Q-MWLN/L08	20	16	180	35	15	11.0	18°	WN..0804..		CTM613	HL1810	ML0620	L2.5	●	●	224806	180
S20R-MWLN/L08	25	20	200	40	19	13.0	15°							●	●	224808	192
S25S-MWLN/L08	32	25	250	36	23	17.0	12°			●	●	224810	220				
S32T-MWLN/L08	40	32	300	50	30	22.0	17°	MW0804	CTM617	HL1813	ML0625	L2.5	●	●	224812	360	
S40T-MWLN/L08	50	40	300	60	37	27.0	15°						●	●	224814	540	
S50U-MWLN/L08	60	50	350	70	48	31	12°						●	○	224816	1000	
S60V-MWLN/L08	70	60	400	70	58	36	10°	●	○	224818	1800						
S25S-WWLN/L08	32	25	250	40	23	17	12°	MW0804	CTM618W	HLW-08	M5 X 23	L3.0	●	●	224820	370	
S32T-WWLN/L08	40	32	300	50	30	22	17°						●	●	224822	600	
S40U-WWLN/L08	45	40	350	60	38	27	15°						●	●	224824	900	
S50W-WWLN/L08	55	50	450	70	48	31	12°						●	○	224826	1600	

■ SCLC/SCLP/SJLC Type

Boring Turning

Insert:
A13-A14
Parts: P01



Type Ordering code	Dimensions							Insert	Screw	Wrench	Stock		Order Number	Price (RMB)
	ΦD	Φd	f	L	L1	H	α°				R	L		
S07K-SCLCR/L06	9	7	4.9	125	14	6	15°	CC..0602..	M2.5×5	T8	● ●	225000	96	
S08K-SCLCR/L06	10	8	5	125	14	7	15°		● ●	225002	96			
S10K-SCLCR/L06	12	10	6	125	14	9	13°		● ●	225004	96			
S12M-SCLCR/L06	16	12	9	150	25	11	10°		● ●	225006	100			
S16Q-SCLCR/L06	20	16	11	180	32	15	8°		● ●	225008	125			
S12M-SCLCR/L09	16	12	9	150	25	11	10°		● ●	225010	100			
S14N-SCLCR/L09	18	14	10	160	26	13	12°	● ●	225012	125				
S16Q-SCLCR/L09	20	16	11	180	28	15	12°	● ●	225014	125				
S18Q-SCLCR/L09	22	18	12	180	28	17	8°	● ●	225016	145				
S20R-SCLCR/L09	25	20	13	200	32.5	18	8°	● ●	225018	145				
S25S-SCLCR/L09	32	25	17	250	45	23	6°	● ●	225020	200				
S25S-SCLCR/L12	32	25	17	250	45	23	6°	● ●	225022	200				
S32T-SCLCR/L12	40	32	22	300	20	30	10°	● ●	225024	350				
S40T-SCLCR/L12	50	40	27	300	60	37	8°	● ●	225026	420				
S10K-SCLPR/L08	12	10	6	125	14	9	-	CP..0802..	M3×5	T9	● ●	225028	240	
S12M-SCLPR/L08	14	12	7	150	25	11	-	● ●	225030	240				
S12M-SCLPR/L09	14	12	7	150	25	11	-	● ●	225032	240				
S16Q-SCLPR/L09	18	16	9	180	28	15	-	CP..0903..	M4×8	T15	● ●	225034	240	
S20R-SCLPR/L09	22	20	11	200	32	19	-	● ●	225036	320				

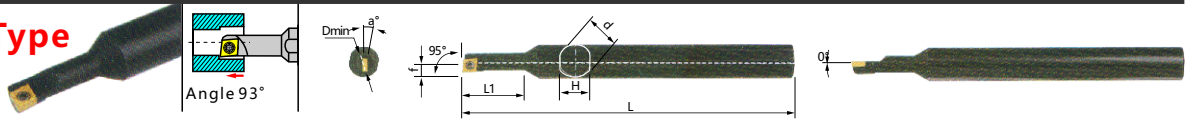
■ Carbide Anti vibration bar Shockproof effect L/D > 7.8 times

Type Ordering code	Dimensions							Insert	Screw	Wrench	Stock		Order Number	Price (RMB)
	ΦD	Φd	f	L	L1	H	α°				R	L		
C04G-SCLCR/L03-05	5	4	2.8	90	-	-	-	CC..0301..	M1.8×2.5	T6	● ●	225100	1050	
C05H-SCLCR/L03-06	6	5	3	100	-	-	-	● ●	225102	1100				
C05H-SCLCR/L04-06	6	5	3	100	-	-	-	● ●	225104	1100				
C06J-SCLCR/L04-07	7	6	3.5	110	-	-	-	CC..0401..	M2.2×3.1	T7	● ●	225106	1100	
C07J-SCLCR/L04-08	8	7	4	110	-	-	-	● ●	225108	1190				
C08K-SCLCR/L06-10	10	8	5	125	-	-	-	● ●	225110	1260				
C10M-SCLCR/L06-12	12	10	6	150	-	-	-	● ●	225112	1320				
C12M-SCLCR/L06-14	14	12	7	150	-	-	-	CC..0602..	M2.5×6	T8	● ●	225114	1560	
C12Q-SCLCR/L06-14	14	12	7	180	-	-	-	● ●	225116	1740				
C16R-SCLCR/L06-18	18	16	9	200	-	-	-	● ●	225118	2490				
C12M-SCLCR/L09-14	14	12	7	150	-	-	-	● ●	225120	1560				
C12Q-SCLCR/L09-14	14	12	7	180	-	-	-	● ●	225122	1740				
C14M-SCLCR/L09-16	16	14	8	150	-	-	-	● ●	225124	2000				
C16M-SCLCR/L09-18	18	16	9	150	-	-	-	● ●	225126	2300				
C16R-SCLCR/L09-18	18	16	9	200	-	-	-	CC..09T3..	M4×8	T15	● ●	225128	2490	
C20R-SCLCR/L09-22	22	20	11	200	-	-	-	● ○	225130	4800				
C20S-SCLCR/L09-22	22	20	11	250	-	-	-	○ ○	225132	5700				
C25R-SCLCR/L09-32	29	25	14.5	200	-	-	-	○ ○	225134	6500				
C25S-SCLCR/L09-32	29	25	14.5	250	-	-	-	○ ○	225136	7500				
C10M-SCLPR/L08-12	12	10	6	150	-	-	-	CP..0802..	M3×5	T9	● ●	225138	1320	
C12Q-SCLPR/L08-14	14	12	7	180	-	-	-	● ●	225140	1560				
C12Q-SCLPR/L09-14	14	12	7	180	-	-	-	● ●	225142	1740				
C16R-SCLPR/L09-18	18	16	9	200	-	-	-	CP..0903..	M4×8	T15	● ●	225144	2490	
C04G-SJLCR/L03-055	5.5	4	2.95	90	0.65	-	-	JC..0301..	M1.8×2.5	T6	● ●	225146	1250	

Carbide Shock proof cutter rod (center outlet Type)

E05H-SCLCR/L03-06	6	5	3	100	-	-	-	CC..0301..	M1.8×2.5	T6	● ○	225150	1250
E06J-SCLCR/L04-07	7	6	3.5	110	-	-	-	CC..0401..	M2.2×3.1	T7	● ○	225152	1250
E08K-SCLCR/L06-10	10	8	5	125	-	-	-	● ○	225154	1410			
E10M-SCLCR/L06-12	12	10	6	150	-	-	-	● ○	225156	1520			
E12M-SCLCR/L06-14	14	12	7	150	-	-	-	● ○	225158	1710			
E12Q-SCLCR/L06-14	14	12	7	180	-	-	-	● ○	225160	1890			
E16R-SCLCR/L06-18	18	16	9	200	-	-	-	● ○	225162	2640			
E12M-SCLCR/L09-14	14	12	7	150	-	-	-	● ○	225164	1520			
E12Q-SCLCR/L09-14	14	12	7	180	-	-	-	● ○	225166	1710			
E16R-SCLCR/L09-18	18	16	9	200	-	-	-	● ○	225168	2640			
E20R-SCLCR/L09-22	22	20	11	200	-	-	-	● ○	225170	5000			
E20S-SCLCR/L09-22	22	20	11	250	-	-	-	● ○	225172	5850			

■ SCLC Type Variable handle



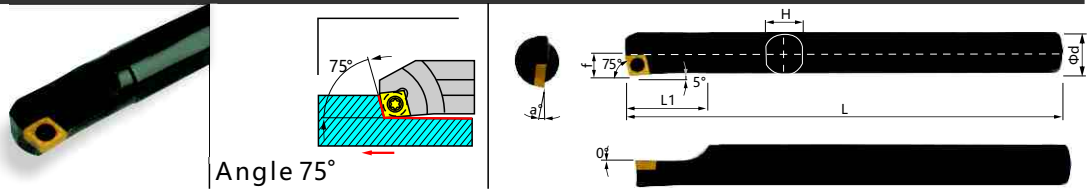
Type Ordering code	Dimensions							Insert	Screw	Wrench	Stock		Order Number	Price (RMB)
	ΦD	Φd	f	L	L1	H	α°				R	L		
S07M-SCLCR/L06-A16	9	16	4.5	150	20	15	-	CC..0602..	M2.5×5	T8	●	●	225200	145
S08M-SCLCR/L06-A16	10	16	5	150	20	15	-				●	●	225202	145
S10M-SCLCR/L06-A16	12	16	6	150	20	15	-		●	●	225204	145		
S12M-SCLCR/L06-A16	14	16	7	150	25	15	-		●	●	225206	145		
S12M-SCLCR/L09-A16	16	16	8	150	25	15	-	CC..09T3..	M4×8	T15	●	●	225208	145
S14Q-SCLCR/L09-A16	16	16	8	180	35	15	-				●	●	225210	145
S14Q-SCLCR09/L-A16-60L	16	16	8	180	60	15	-		●	●	225212	160		

Carbide shockproof rod vibration effect L/D>7.8 times

C0604H-SCLCR/L03-05-10	5	6	2.5	100	10	5.5	-	CC..0301..	M1.8×2.5	T6	●	●	225214	1320
C0605H-SCLCR/L03-06-10	6	6	3	100	10	5.5	-				●	●	225216	1320
C0807K-SCLCR/L04-08-15	8	8	4	125	15	7	-	CC..0301..	M2.2×3.1	T7	●	●	225218	1320

■ SCKC Type Boring Turning

Insert:
A13-A14
Parts: P01



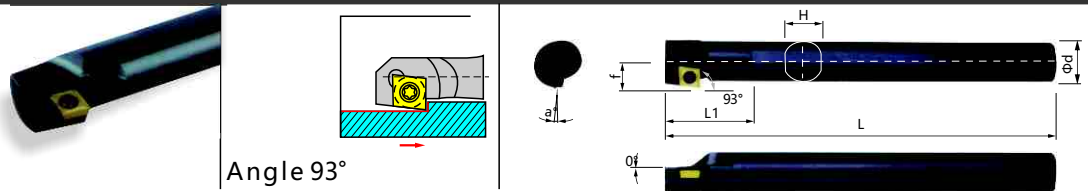
Type Ordering code	Dimensions							Insert	Screw	Wrench	Stock		Order Number	Price (RMB)
	ΦD	Φd	f	L	L1	H	α°				R	L		
S08K-SCKCR/L06	10.5	8	5.5	125	20	7	13°	CC..0602..	M2.5×6	T8	●	●	225300	96
S10K-SCKCR/L06	13.5	10	6	125	22	9	12°				●	●	225302	96
S12M-SCKCR/L06	16	12	7	150	23	11	10°				●	●	225304	100
S12M-SCKCR/L09	14	12	8	150	30	11	12°				●	●	225306	100
S14N-SCKCR/L09	15	14	8	160	30	13	10°	CC..09T3..	M4×8	T15	●	●	225308	125
S16Q-SCKCR/L09	20	15	9.5	180	30	15	10°				●	●	225310	125
S20R-SCKCR/L09	25	20	11.5	200	35	19	8°				●	●	225312	145
S25S-SCKCR/L09	31	25	14	250	40	24	6°				●	●	225314	200

Carbide shockproof rod vibration effect L/D>7.8 times

C08K-SCKCR/L06	10	8	5.5	125	-	-	-	CC..0602..	M2.5×6	T8	●	●	225316	1260
C10K-SCKCR/L06	13	10	6	125	-	-	-				●	●	225318	1320
C12M-SCKCR/L06	16	12	7	150	-	-	-				●	●	225320	1560
C12M-SCKCR/L09	16	12	7	150	-	-	-	CC..09T3..	M4×8	T15	●	●	225322	1560
C16Q-SCKCR/L09	20	16	9	180	-	-	-				●	●	225324	2490
C20R-SCKCR/L09	24	20	11.5	200	-	-	-				●	●	225326	4800
C20S-SCKCR/L09	24	20	11.5	250	-	-	-				●	●	225328	5700

■ SCZC Type Boring Turning

Insert:
A13-A14
Parts: P01



Type Ordering code	Dimensions							Insert	Screw	Wrench	Stock		Order Number	Price (RMB)
	ΦD	Φd	f	L	L1	H	α°				R	L		
S08K-SCZCR/L06	12	8	6.5	125	25	7	13°	CC..0602..	M2.5×6	T8	●	●	225400	96
S10K-SCZCR/L06	14	10	7.5	125	27	9	12°				●	●	225402	96
S12M-SCZCR/L06	16	12	8.5	150	30	11	10°				●	●	225404	100
S16Q-SCZCR/L06	20	16	10.5	180	35	15	18°				●	●	225406	125
S16Q-SCZCR/L09	21	16	11.5	180	35	15	10°	CC..09T3..	M4×8	T15	●	●	225408	125
S20R-SCZCR/L09	25	20	13.5	200	40	19	8°				●	●	225410	145
S25S-SCZCR/L09	32	25	16	250	42	24	6°				●	●	225412	200

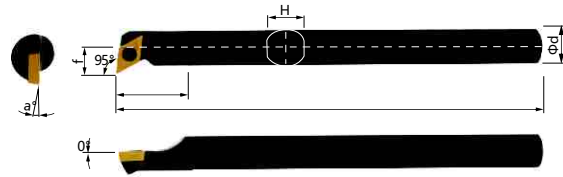
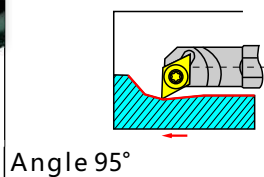
Carbide shockproof rod vibration effect L/D>7.8 times

C04X-SJZCR/L03-065	6.5	4	4	93	4.8			JC..0301..	M1.8×2.5	T6	●	●	225414	1300
--------------------	-----	---	---	----	-----	--	--	------------	----------	----	---	---	--------	------

SDUC Type

Boring Turning

Insert:
A15-A16
Parts: P01



Type Ordering code	Dimensions							Insert	Screw	Wrench	Stock		Order Number	Price (RMB)
	ΦD	Φd	f	L	L1	H	α°				R	L		
S08K-SDUCR/L07	13	8	6.5	125	20	7	12°	DC..0702..	M2.5×6	T8	•	•	225500	120
S10K-SDUCR/L07	15	10	8	125	25	9	10°				•	•	225502	96
S12M-SDUCR/L07	17	12	9	150	28	11	8°				•	•	225504	100
S16Q-SDUCR/L07	22	16	11	180	30	15	6°				•	•	225506	125
S16Q-SDUCR/L11	22	16	11	180	30	19	6°	DC..11T3..	M4×8	T15	•	•	225508	125
S20R-SDUCR/L11	32	20	16	200	40	24	6°				•	•	225510	145
S25S-SDUCR/L11	39	25	20	150	40	30	4°				•	•	225512	200
S32T-SDUCR/L11	50	32	24	300	45	38	4°				•	•	225514	350

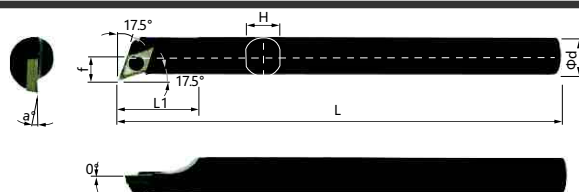
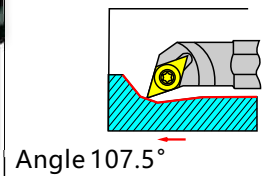
carbide shockproof rod vibration effect L/D > 7.8 times

C10M-SDUCR/L07	13	10	7	150	-	-	-	DC..0702..	M2.5×6	T8	•	•	225516	1470
C12M-SDUCR/L07	16	12	9	150	-	-	-				•	•	225518	1680
C12Q-SDUCR/L07	16	12	9	180	-	-	-				•	•	225520	1860
C14M-SDUCR/L07	18	14	10	150	-	-	-				•	•	225522	2200
C16M-SDUCR/L07	20	16	11	150	-	-	-				•	•	225524	2500
C16R-SDUCR/L07	20	16	11	200	-	-	-				•	•	225526	2610
C16M-SDUCR/L11	20	16	11	150	-	-	-	DC..11T3..	M4×8	T15	•	•	225528	2500
C16R-SDUCR/L11	20	16	11	200	-	-	-				•	•	225530	2610
C20R-SDUCR/L11	23	20	12.5	200	-	-	-				•	•	225532	4950
C20S-SDUCR/L11	23	20	12.5	250	-	-	-				•	•	225534	5820
C25R-SDUCR/L11	31	25	16	200	-	-	-				•	•	225536	6850
C25S-SDUCR/L11	31	25	16	250	-	-	-				•	•	225538	7450

SDQC Type

Boring Turning

Insert:
A15-A16
Parts: P01



Type Ordering code	Dimensions							Insert	Screw	Wrench	Stock		Order Number	Price (RMB)
	ΦD	Φd	f	L	L1	H	α°				R	L		
S10K-SDQCR/L07	13	10	7	125	23	9	10°	DC..0702..	M2.5×6	T8	•	•	225600	96
S12M-SDQCR/L07	16	12	9	150	30	11	8°				•	•	225602	100
S16Q-SDQCR/L07	20	16	10.5	180	30	15	6°				•	•	225604	125
S20R-SDQCR/L11	25	20	13	200	39	19	6°				•	•	225606	145
S25S-SDQCR/L11	32	25	16	250	40	24	4°	DC..11T3..	M4×8	T15	•	•	225608	200
S32T-SDQCR/L11	39	32	20	300	43	30	4°				•	•	225610	350

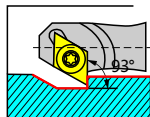
carbide shockproof rod vibration effect L/D > 7.8 times

C10M-SDQCR/L07	13	10	7	150	-	-	-	DC..0702..	M2.5×6	T8	•	•	225612	1470
C12M-SDQCR/L07	16	12	9	150	-	-	-				•	•	225614	1680
C12Q-SDQCR/L07	16	12	9	180	-	-	-				•	•	225616	1860
C14M-SDQCR/L07	18	14	10	150	-	-	-				•	•	225618	2200
C16M-SDQCR/L07	20	16	11	150	-	-	-				•	•	225620	2500
C16R-SDQCR/L07	20	16	11	200	-	-	-				•	•	225622	2610
C16M-SDQCR/L11	20	16	11	200	-	-	-	DC..11T3..	M4×8	T15	•	•	225624	2500
C16R-SDQCR/L11	23	20	13	200	-	-	-				•	•	225626	2610
C20R-SDQCR/L11	23	20	13	250	-	-	-				•	•	225628	4950
C20S-SDQCR/L11	31	25	16	200	-	-	-				•	•	225630	5820
C25R-SDQCR/L11	31	25	16	250	-	-	-				•	•	225632	6850
C25S-SDQCR/L11					-	-	-				•	•	225634	7450

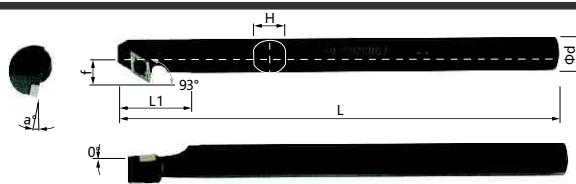
SDZC Type

Boring Turning

Insert:
A15-A16
Parts: P01



Angle 93°



Type Ordering code	Dimensions							Insert	Screw	Wrench	Stock		Order Number	Price (RMB)
	ΦD	Φd	f	L	L1	H	α°				R	L		
S10K-SDZCR/L07	15	10	8.5	125	28	9	12°	DC..0702..	M2.5×6	T8	•	•	225700	96
S12M-SDZCR/L07	18	12	9.5	150	30	11	10°				•	•	225702	100
S16Q-SDZCR/L07	24	16	11.5	180	30	15	8°				•	•	225704	125
S20R-SDZCR/L11	28	20	14.5	200	40	19	8°	DC..11T3..	M4×8	T15	•	•	225706	145
S25S-SDZCR/L11	34	25	17	250	45	24	6°				•	•	225708	200
S32T-SDZCR/L11	38	32	20.5	300	50	30	4°				•	•	225710	350

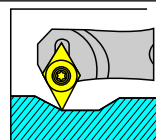
Carbide shockproof rod vibration effect L/D > 7.8 times

C10M-SDZCR/L07	14	10	8.5	150	-	-	-	DC..0702..	M2.5×6	T8	•	•	225712	1470
C12M-SDZCR/L07	17	12	10.5	150	-	-	-				•	•	225714	1760
C16R-SDZCR/L07	21	16	12.5	200	-	-	-				•	•	225716	2640
C20R-SDZCR/L11	26	20	15.5	200	-	-	-	DC..11T3..	M4×8	T15	•	•	225718	4950
C20S-SDZCR/L11	26	20	15.5	250	-	-	-				•	•	225720	5850
C25R-SDZCR/L11	33	25	18	200	-	-	-				•	•	225722	6800
C25S-SDZCR/L11	33	25	18	250	-	-	-				•	•	225724	7450

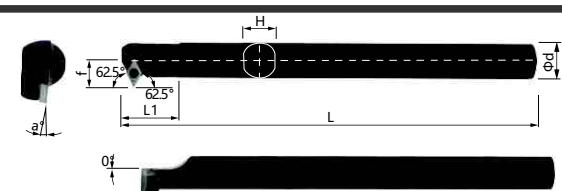
SDWC Type

Boring Turning

Insert:
A15-A16
Parts: P01



Angle 62.5°

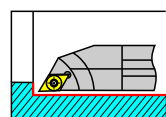


Type Ordering code	Dimensions							Insert	Screw	Wrench	Stock		Order Number	Price (RMB)
	ΦD	Φd	f	L	L1	H	α°				R	L		
S12K-SDWCR/L07	19	12	10.5	150	28	11	10°	DC..0702..	M2.5×6	T8	•	•	225800	100
S16Q-SDWCR/L07	23	16	12.5	180	30	15	8°				•	•	225802	125
S20R-SDWCR/L07	27	20	14.5	200	30	19	6°				•	•	225804	145
S20R-SDWCR/L11	25	20	14.5	200	40	19	6°	DC..11T3..	M4×8	T15	•	•	225806	145
S25S-SDWCR/L11	32	25	17	250	45	24	4°				•	•	225808	200
S32T-SDWCR/L11	40	32	20	300	50	30	2°				•	•	225810	350

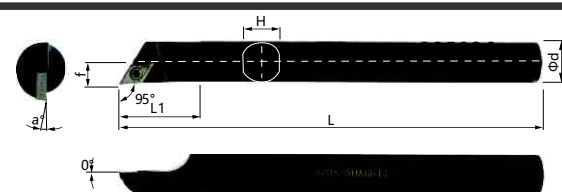
SDXC Type

Boring Turning

Insert:
A15-A16
Parts: P01



Angle 95°



Type Ordering code	Dimensions							Insert	Screw	Wrench	Stock		Order Number	Price (RMB)
	ΦD	Φd	f	L	L1	H	α°				R	L		
S08K-SDXCR/L07	10	8	5	125	7	5.5	12°	DC..0702..	M2.5×6	T8	•	•	225900	96
S10K-SDXCR/L07	13	10	6	125	9	7	10°				•	•	225902	96
S12M-SDXCR/L07	16	12	7	150	11	8.5	8°				•	•	225904	100
S16Q-SDXCR/L07	20	16	9	180	15	11	6°	DC..11T3..	M4×10	T15	•	•	225906	125
S16Q-SDXCR/L11	20	16	9	180	15	11	6°				•	•	225908	125
S20R-SDXCR/L11	25	20	11.5	200	19	13	6°				•	•	225910	145
S25S-SDXCR/L11	32	25	14	250	24	17	4°	•	•	225912	200			

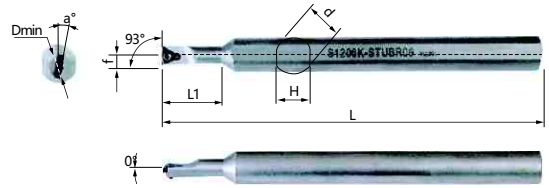
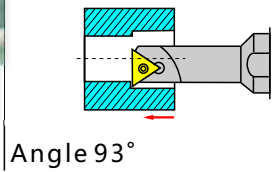
Carbide shockproof rod vibration effect L/D > 7.8 times

C08K-SDXCR/L07	10	8	5	125	-	-	-	DC..0702..	M2.5×6	T8	•	•	225914	1410
C10M-SDXCR/L07	13	10	6	150	-	-	-				•	•	225916	1470
C12M-SDXCR/L07	16	12	7	150	-	-	-				•	•	225918	1710
C16R-SDXCR/L07	20	16	9	200	-	-	-	DC..11T3..	M4×10	T15	•	•	225920	2640
C20R-SDXCR/L11	25	20	11.5	200	-	-	-				•	•	225922	4950
C20S-SDXCR/L11	25	20	11.5	250	-	-	-				•	•	225924	5850
C25R-SDXCR/L11	32	25	14	200	-	-	-				•	•	225926	6800
C25S-SDXCR/L11	32	25	14	250	-	-	-	•	•	225928	7450			

STUB Type

Boring Turning

Insert: A19
Parts: P01



Reducing tool shank

Type Ordering code	Dimensions							Insert	Screw	Wrench	Stock		Order Number	Price (RMB)
	ΦD	Φd	f	L	L1	H	α°				R	L		
S0806H-STUBR/L06	7	8	3.5	100	20	7	12°	TBGT060102	M2×4	T6	•	•	226000	132
S1006K-STUBR/L06	7	10	3.5	125	20	9	12°				•	•	226002	132
S1207K-STUBR/L06	8	12	4	125	25	11	12°				•	•	226004	132
S1607M-STUBR/L06	8	16	4	150	25	15	12°				•	•	226006	132

Carbide shockproof rod vibration effect L/D > 7.8 times

C06J-STUBR/L06-07	7	6	3.5	110	-	5.5	-	TBGT060102	M2×4	T6	•	•	226008	1100
C07J-STUBR/L06-08	8	7	4	110	-	6	-				•	•	226010	1190
C08K-STUBR/L06-09	9	8	4.5	125	-	7	-				•	•	226012	1260

Carbide shockproof rod vibration effect L/D > 7.8 times

C0807K-STUBR06-08	8	8	4	125	15	7	-	TBGT060102	M2×4	T6	•	•	226014	1320
-------------------	---	---	---	-----	----	---	---	------------	------	----	---	---	--------	------

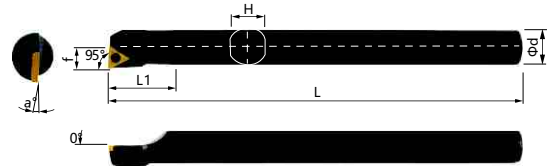
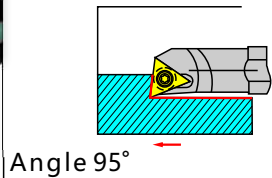
Carbide narrow diameter shock cutter (center hole)

E06J-STUBR06/L-07	7	6	3.5	110	-	5	-	TBGT060102	M2×4	T6	•	•	226016	1250
-------------------	---	---	-----	-----	---	---	---	------------	------	----	---	---	--------	------

STUC Type

Boring Turning

Insert:
A19-A20
Parts: P01



Type Ordering code	Dimensions							Insert	Screw	Wrench	Stock		Order Number	Price (RMB)
	ΦD	Φd	f	L	L1	H	α°				R	L		
S08K-STUCR/L09	10.5	8	5	125	23	7	15°	TC..0902..	M2.2×6	T6	•	•	226100	96
S10K-STUCR/L09	13.5	10	6	125	24	9	13°				•	•	226102	96
S12M-STUCR/L09	16	12	7	150	27	11	10°				•	•	226104	96
S10K-STUCR/L11	13.5	10	6	125	24	9	12°	TC..1102..	M2.5×6	T8	•	•	226106	100
S12M-STUCR/L11	16	12	7	150	27	11	10°				•	•	226108	100
S14Q-STUCR/L11	18	14	8	180	30	13	9°				•	•	226110	125
S16Q-STUCR/L11	20	16	9	180	30	15	8°				•	•	226112	125
S20R-STUCR/L11	25	20	11	200	35	19	6°				•	•	226114	145
S25S-STUCR/L11	31	25	13.5	250	40	24	4°				•	•	226116	200
S20R-STUCR/L16	25	20	11.5	200	40	19	8°	TC..16T3..	M4×10	T15	•	•	226118	145
S25S-STUCR/L16	31	25	14	250	40	24	6°				•	•	226120	200
S32T-STUCR/L16	39	32	17.5	300	45	30	4°				•	•	226122	350
											•	•	226124	

Carbide shockproof rod vibration effect L/D > 7.8 times

C08K-STUCR/L09	10	8	5	125	-	7	-	TC..0902..	M2.2×6	T6	•	•	226126	1260
C10M-STUCR/L09	12	10	6	150	-	9	-				•	•	226128	1320
C12M-STUCR/L09	14	12	7	150	-	11	-				•	•	226130	1560
C12Q-STUCR/L09	14	12	7	180	-	11	-				•	•	226132	1740
C10M-STUCR/L11	12	10	6	150	-	9	-	TC..1102..	M2.5×6	T8	•	•	226134	1320
C12M-STUCR/L11	14	12	7	150	-	11	-				•	•	226136	1560
C12Q-STUCR/L11	14	12	7	180	-	11	-				•	•	226138	1740
C14M-STUCR/L11	16	14	8	150	-	13	-				•	•	226140	2200
C16M-STUCR/L11	18	16	9	150	-	15	-				•	•	226142	2350
C16R-STUCR/L11	18	16	9	200	-	15	-				•	•	226144	2490
C20R-STUCR/L11	22	20	11	200	-	19	-				•	•	226146	4800
C20S-STUCR/L11	22	20	11	250	-	19	-				•	•	226148	5700
S25R-STUCR/L11	32	25	16	200	-	24	-				•	•	226150	6800
S25S-STUCR/L11	32	25	16	250	-	24	-				•	•	226152	7450

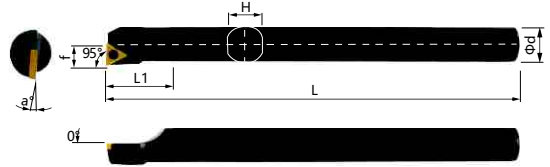
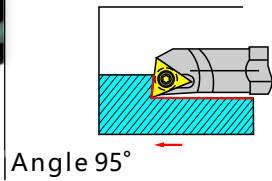
Carbide narrow diameter shock cutter (center hole)

E08K-STUCR/L09	10	8	5	125	-	7	-	TC..0902..	M2.2×6	T6	•	•	226154	
E10M-STUCR/L11	12	10	6	150	-	9	-				•	•	226156	1410
E12M-STUCR/L11	14	12	7	150	-	11	-	TC..1102..	M2.5×6	T8	•	•	226158	1520
E12Q-STUCR/L11	14	12	7	180	-	11	-				•	•	226160	1710
E16R-STUCR/L11	18	16	9	200	-	15	-				•	•	226162	1890
E20R-STUCR/L11	22	20	11	200	-	19	-				•	•	226164	2640
E20S-STUCR/L11	22	20	11	250	-	19	-				•	•	226166	5000
								•	•	226168	5850			

STUP Type

Boring Turning

Insert: A20
Parts: P01



Type Ordering code	Dimensions							Insert	Screw	Wrench	Stock		Order Number	Price (RMB)
	ΦD	Φd	f	L	L1	H	α°				R	L		
S08K-STUPR/L09	10.5	8	5.5	125	23	7	15°	TP..0902..	M2.5×6	T8	•	•	226200	96
S10K-STUPR/L09	13.5	10	6.5	125	24	9	13°				•	•	226202	96
S12M-STUPR/L09	16	12	7.5	150	27	11	10°				•	•	226204	96
S10K-STUPR/L11	13.5	10	6.5	125	24	9	12°	TP..1103..	M3×8	T10	•	•	226206	100
S12M-STUPR/L11	16	12	7.5	150	27	11	10°				•	•	226208	100
S14Q-STUPR/L11	18	14	8.5	180	30	13	9°				•	•	226210	125
S16Q-STUPR/L11	20	16	9.5	180	30	15	8°				•	•	226212	125
S20R-STUPR/L11	25	20	11.5	200	35	19	6°				•	•	226214	145
S25S-STUPR/L11	31	25	14	250	40	24	4°				•	•	226216	200
S20R-STUPR/L16	25	20	12	200	40	19	8°	TP..1603..	M4×8	T15	•	•	226218	145
S25S-STUPR/L16	31	25	14.5	250	40	24	6°				•	•	226220	200
S32T-STUPR/L16	39	32	18	300	45	30	4°				•	•	226222	350

Carbide shockproof rod vibration effect L/D > 7.8 times

C08K-STUPR/L09	10	8	5.5	125	-	7	-	TP..0902..	M2.5×6	T8	•	•	226224	1260
C10M-STUPR/L09	12	10	6.5	150	-	9	-				•	•	226226	1320
C12M-STUPR/L09	14	12	7.5	150	-	11	-				•	•	226228	1560
C12Q-STUPR/L09	14	12	7.5	180	-	11	-				•	•	226230	1740
C10M-STUPR/L11	12	10	6.5	150	-	9	-	TP..1103..	M3×8	T10	•	•	226232	1320
C12M-STUPR/L11	14	12	7.5	150	-	11	-				•	•	226234	1560
C12Q-STUPR/L11	14	12	7.5	180	-	11	-				•	•	226236	1740
C14M-STUPR/L11	16	14	8.5	150	-	13	-				•	•	226238	2200
C16M-STUPR/L11	18	16	9.5	150	-	15	-				•	•	226240	2350
C16R-STUPR/L11	18	16	9.5	200	-	15	-				•	•	226242	2490
C20R-STUPR/L11	22	20	11.5	200	-	19	-				•	•	226244	4800
C20S-STUPR/L11	22	20	11.5	250	-	19	-				•	•	226246	5700
S25R-STUPR/L11	32	25	16.5	200	-	24	-	•	•	226248	6800			
S25S-STUPR/L11	32	25	16.5	250	-	24	-	•	•	226250	7450			

Carbide narrow diameter shock cutter (center hole)

E08K-STUPR/L09	10	8	5.5	125	-	7	-	TP..0902..	M2.5×6	T8	•	•	226252	1410
E10M-STUPR/L11	12	10	6.5	150	-	9	-				•	•	226254	1520
E12M-STUPR/L11	14	12	7.5	150	-	11	-				•	•	226256	1710
E12Q-STUPR/L11	14	12	7.5	180	-	11	-				•	•	226258	1890
E16R-STUPR/L11	18	16	9.5	200	-	15	-	TP..1103..	M3×8	T15	•	•	226260	2640
E20R-STUPR/L11	22	20	11.5	200	-	19	-				•	•	226262	5000
E20S-STUPR/L11	22	20	11.5	250	-	19	-				•	•	226264	5850

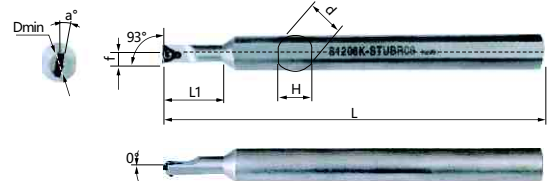
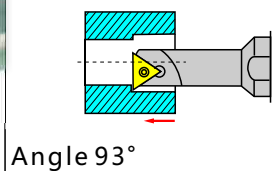
STUP 1102 Type

S10K-STUPR/L1102	13.5	10	6.5	125	-	9	-	TP..1102..	M3×8	T15	•	•	226266	
S12M-STUPR/L1102	16	12	7.5	150	-	11	-				•	•	226268	
S14Q-STUPR/L1102	18	14	8.5	180	-	13	-				•	•	226270	
S16Q-STUPR/L1102	20	16	9.5	180	-	15	-				•	•	226272	
S20R-STUPR/L1102	25	20	12	200	-	19	-				•	•	226274	
S25S-STUPR/L1102	31	25	14.5	250	-	24	-				•	•	226276	

STUP(C) Type

Boring Turning

Insert:
A19-A20
Parts: P01

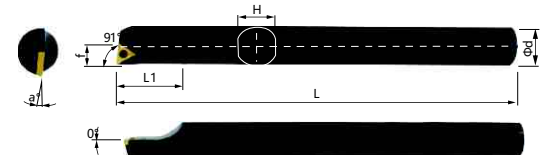
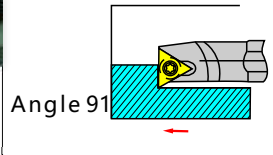


Reducing tool shank

Type Ordering code	Dimensions							Insert	Screw	Wrench	Stock		Order Number	Price (RMB)
	ΦD	Φd	f	L	L1	H	α°				R	L		
S07K-STUPR/L08-A12	9	12	4.5	125	25	11	12°	TP..0802..	M2.2×6	T6	•	•	226300	132
S08K-STUPR/L08-A16	10	16	5	150	28	15	13°				•	•	226302	132
S08K-STUCR/L09-A12	10	12	5.5	125	28	11	15°	TC..0902..	M2.5×6	T8	•	•	226304	132
S08K-STUCR/L09-A16	10	16	5.5	150	28	15	10°				•	•	226306	132
S10M-STUCR/L11-A16	12	16	6	150	30	15	12°	TC..1102..	M2.5×6	T6	•	•	226308	132
S12M-STUCR/L11-A16	14	16	7	150	33	15	10°				•	•	226310	132

STFC Type Boring Turning

Insert:
A19-A20
Parts: P01



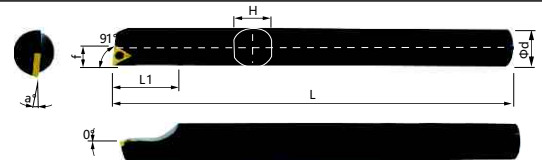
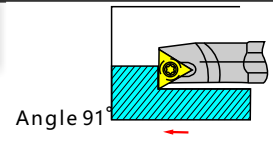
Type Ordering code	Dimensions							Insert	Screw	Wrench	Stock		Order Number	Price (RMB)
	ΦD	Φd	f	L	L1	H	α°				R	L		
S08K-STFCR/L09	10.5	8	5	125	23	7	15°	TC..0902..	M2.2×6	T6	●	●	226400	96
S10K-STFCR/L09	13.5	10	6	125	24	9	13°				●	●	226402	96
S12M-STFCR/L09	16	12	7	150	27	11	10°				●	●	226404	96
S10K-STFCR/L11	13.5	10	6	125	24	9	12°	TC..1102..	M2.5×6	T8	●	●	226406	100
S12M-STFCR/L11	16	12	7	150	27	11	10°				●	●	226408	100
S14Q-STFCR/L11	18	14	8	180	30	13	9°				●	●	226410	125
S16Q-STFCR/L11	20	16	9	180	30	15	8°				●	●	226412	125
S20R-STFCR/L11	25	20	11	200	35	19	6°				●	●	226414	145
S25S-STFCR/L11	31	25	13.5	250	40	24	4°				●	●	226416	200
S20R-STFCR/L16	25	20	11.5	200	40	19	8°	TC..16T3..	M4×10	T15	●	●	226418	145
S25S-STFCR/L16	31	25	14	250	40	24	6°				●	●	226420	200
S32T-STFCR/L16	39	32	17.5	300	45	30	4°				●	●	226422	350

Carbide shockproof rod vibration effect L/D > 7.8 times

C08K-STFCR/L09	10	8	5	125	-	7	-	TC..0902..	M2.2×6	T6	●	●	226424	1260
C10M-STFCR/L09	12	10	6	150	-	9	-				●	●	226426	1320
C12M-STFCR/L09	14	12	7	150	-	11	-				●	●	226428	1560
C12Q-STFCR/L09	14	12	7	180	-	11	-				●	●	226430	1740
C10M-STFCR/L11	12	10	6	150	-	9	-	TC..1102..	M2.5×6	T8	●	●	226432	1320
C12M-STFCR/L11	14	12	7	150	-	11	-				●	●	226434	1560
C12Q-STFCR/L11	14	12	7	180	-	11	-				●	●	226436	1740
C14M-STFCR/L11	16	14	8	150	-	13	-				●	●	226438	2200
C16M-STFCR/L11	18	16	9	150	-	15	-				●	●	226440	2350
C16R-STFCR/L11	18	16	9	200	-	15	-				●	●	226442	2490
C20R-STFCR/L11	22	20	11	200	-	19	-				●	●	226444	4800
C20S-STFCR/L11	22	20	11	250	-	19	-				●	●	226446	5700

STFP Type Boring Turning

Insert: A20
Parts: P01



Type Ordering code	Dimensions							Insert	Screw	Wrench	Stock		Order Number	Price (RMB)
	ΦD	Φd	f	L	L1	H	α°				R	L		
S08K-STFPR/L09	10.5	8	5.5	125	23	7	15°	TP..0902..	M2.5×6	T8	●	●	226500	96
S10K-STFPR/L09	13.5	10	6.5	125	24	9	13°				●	●	226502	96
S12M-STFPR/L09	16	12	7.5	150	27	11	10°				●	●	226504	96
S10K-STFPR/L11	13.5	10	6.5	125	24	9	12°	TP..1103..	M3×8	T10	●	●	226506	100
S12M-STFPR/L11	16	12	7.5	150	27	11	10°				●	●	226508	100
S14Q-STFPR/L11	18	14	8.5	180	30	13	9°				●	●	226510	125
S16Q-STFPR/L11	20	16	9.5	180	30	15	8°				●	●	226512	125
S20R-STFPR/L11	25	20	11.5	200	35	19	6°				●	●	226514	145
S25S-STFPR/L11	31	25	14	250	40	24	4°				●	●	226516	200
S20R-STFPR/L16	25	20	12	200	40	19	8°	TP..1603..	M4×8	T15	●	●	226518	145
S25S-STFPR/L16	31	25	14.5	250	40	24	6°				●	●	226520	200
S32T-STFPR/L16	39	32	18	300	45	30	4°				●	●	226522	350

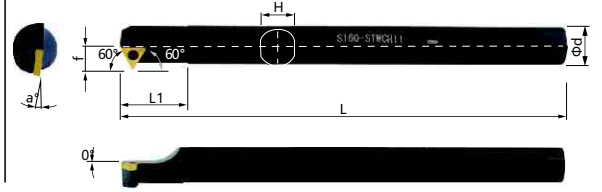
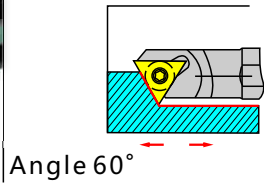
Carbide shockproof rod vibration effect L/D > 7.8 times

C08K-STFPR/L09	10	8	5.5	125	-	7	-	TP..0902..	M2.5×6	T8	●	●	226524	1260
C10M-STFPR/L09	12	10	6.5	150	-	9	-				●	●	226526	1320
C12M-STFPR/L09	14	12	7.5	150	-	11	-				●	●	226528	1560
C12Q-STFPR/L09	14	12	7.5	180	-	11	-				●	●	226530	1740
C10M-STFPR/L11	12	10	6.5	150	-	9	-	TP..1103..	M3×8	T10	●	●	226532	1320
C12M-STFPR/L11	14	12	7.5	150	-	11	-				●	●	226534	1560
C12Q-STFPR/L11	14	12	7.5	180	-	11	-				●	●	226536	1740
C14M-STFPR/L11	16	14	8.5	150	-	13	-				●	●	226538	2200
C16M-STFPR/L11	18	16	9.5	150	-	15	-				●	●	226540	2350
C16R-STFPR/L11	18	16	9.5	200	-	15	-				●	●	226542	2490
C20R-STFPR/L11	22	20	11.5	200	-	19	-				●	●	226544	4800
C20S-STFPR/L11	22	20	11.5	250	-	19	-				●	●	226546	5700
C25S-STFPR/L16	32	25	16	250	-	24	-	TP..1603..	M4×8	T15	●	●	226548	7450

STWC Type

Boring Turning

Insert:
A19-A20
Parts: P01



Type Ordering code	Dimensions							Insert	Screw	Wrench	Stock		Order Number	Price (RMB)
	ΦD	Φd	f	L	L1	H	α°				R	L		
S08K-STWCR/L09	11	8	5.5	125	25	7	12°	TC..0902..	M2.2×6	T6	●	●	226600	96
S10K-STWCR/L11	14	10	8	125	25	9	10°				●	●	226602	96
S12M-STWCR/L11	16	12	9	150	30	11	8°				●	●	226604	100
S16Q-STWCR/L11	20	16	11	180	30	15	6°				●	●	226606	125
S20R-STWCR/L11	25	20	13	200	35	19	4°				●	●	226608	145
S20R-STWCR/L16	25	20	13	200	35	19	4°	TC..16T3..	M4×10	T15	●	●	226610	160
S25S-STWCR/L16	32	25	15	250	40	24	2°				●	●	226612	200

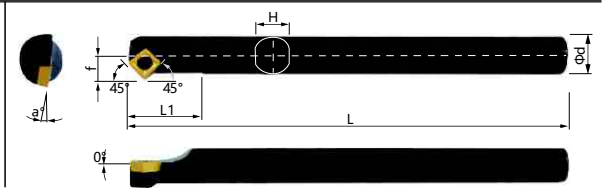
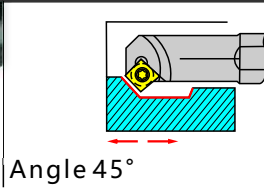
Carbide shockproof rod vibration effect L/D > 7.8 times

C08K-STWCR/L09	11	8	5.5	125	-	7	-	TC..0902..	M2.2×6	T6	●	●	226614	1260			
C10M-STWCR/L11	14	10	8	150	-	9	-				●	●	226616	1320			
C12M-STWCR/L11	16	12	9	150	-	11	-				●	●	226618	1560			
C16R-STWCR/L11	20	16	11	200	-	15	-				TC..1102..	M2.5×7	T8	●	●	226620	2490
C20R-STWCR/L11	25	20	13	200	-	19	-							●	●	226622	4800
C20S-STWCR/L11	25	20	13	250	-	19	-	●	●	226624	5700						

SSSC Type

Boring Turning

Insert: A18
Parts: P01

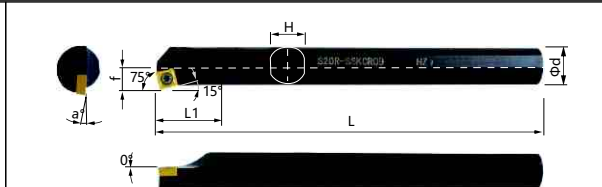
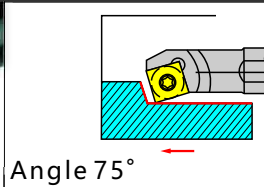


Type Ordering code	Dimensions							Insert	Screw	Wrench	Stock		Order Number	Price (RMB)
	ΦD	Φd	f	L	L1	H	α°				R	L		
S12M-SSSCR/L09	16	12	8.5	150	30	11	12°	SC..09T3..	M4×8	T15	●	●	226700	100
S16Q-SSSCR/L09	22	16	11.5	180	35	15	10°				●	●	226702	125
S20R-SSSCR/L09	26	20	13.5	200	40	19	8°		●		●	226704	145	
S25S-SSSCR/L09	32	25	16	250	40	24	6°		●		●	226706	200	
S32T-SSSCR/L09	38	32	19.5	300	45	30	4°		●		●	226708	350	

SSKC Type

Boring Turning

Insert: A18
Parts: P01

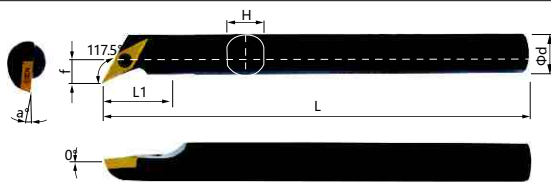
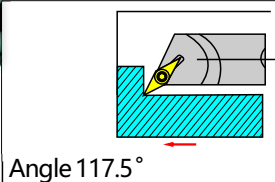


Type Ordering code	Dimensions							Insert	Screw	Wrench	Stock		Order Number	Price (RMB)
	ΦD	Φd	f	L	L1	H	α°				R	L		
S12M-SSKCR/L09	16	12	8.5	150	30	11	12°	SC..09T3..	M4×8	T15	●	●	226800	100
S16Q-SSKCR/L09	20	16	10.5	180	30	15	10°				●	●	226802	125
S20R-SSKCR/L09	25	20	12.5	200	40	19	8°		●		●	226804	145	
S25S-SSKCR/L09	31	25	15	250	40	24	6°		●		●	226806	200	

SVQB(C)R/L Type

Boring Turning

Insert:
A21-A24
Parts: P01



Type Ordering code	Dimensions							Insert	Screw	Wrench	Stock		Order Number	Price (RMB)
	ΦD	Φd	f	L	L1	H	α°				R	L		
S16Q-SVQ*R/L11	22	16	11.5	180	35	15	10° 8°	VC..1103.. VB..1103..	M2.5×7	T8	●	●	226900	125
S20R-SVQ*R/L11	27	20	14	200	39	19	8° 6°				●	●	226902	145
S20R-SVQ*R/L16	27	20	14	200	50	19	10° 8°	VC..1604.. VB..1604..	M4×10	T15	●	●	226904	145
S25S-SVQ*R/L16	32	25	16.5	250	50	24	8° 6°				●	●	226906	200
S32T-SVQ*R/L16	41	32	22.5	300	55	30	10° 8°				●	●	226908	350
S40T-SVQ*R/L16	50	40	27	300	55	38	8° 6°				●	●	226910	420

Carbide shockproof rod vibration effect L/D > 7.8 times

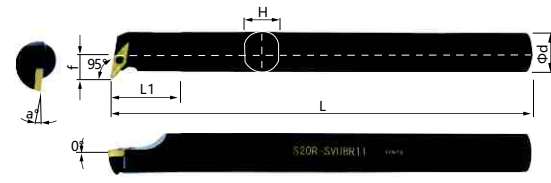
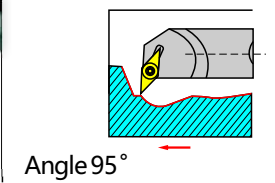
C16R-SVQ*R/L11	22	16	11.5	200	-	15	-	VC..1103..	M2.5×7	T8	●	●	226914	2640
C20R-SVQ*R/L11	27	20	14	200	-	19	-	VB..1103..	M2.5×7	T8	●	●	226916	4950

Note: "*" means B or C select Type

SVUB(C)R/L Type

Boring Turning

Insert:
A21-A24
Parts: P01



Type Ordering code	Dimensions							Insert	Screw	Wrench	Stock		Order Number	Price (RMB)
	ΦD	Φd	f	L	L1	H	α°				R	L		
S16Q-SVU*R/L11	22	16	12.5	180	30	15	10° 8°	VC..1103.. VB..1103..	M2.5×7	T8	●	●	227000	125
S20R-SVU*R/L11	27	20	14	200	32	19	8° 6°				●	●	227002	145
S20R-SVU*R/L16	31	20	20	200	50	19	10° 8°	VC..1604.. VB..1604..	M4×10	T15	●	●	227004	145
S25S-SVU*R/L16	35	25	20	250	50	24	8° 6°				●	●	227006	200
S32T-SVU*R/L16	42	32	22.5	300	50	30	10° 8°				●	●	227008	350
S40T-SVU*R/L16	51	40	27	300	55	38	8° 6°				●	●	227010	420

Carbide shockproof rod vibration effect L/D > 7.8 times

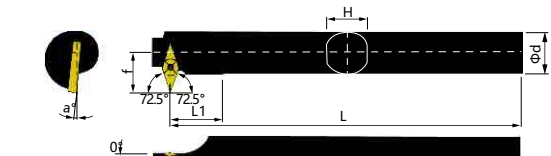
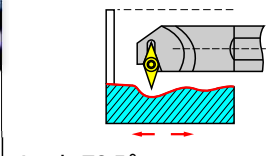
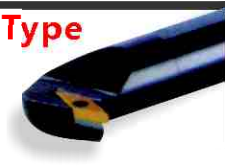
C16R-SVU*R/L11	22	16	13	200	-	15	-	VC..1103..	M2.5×7	T8	●	●	227014	2640
C20R-SVU*R/L11	27	20	15	200	-	19	-	VB..1103..	M2.5×7	T8	●	●	227016	4950
C20S-SVU*R/L11	27	20	15	250	-	19	-	VC..1604.. VB..1604..	M4×10	T15	●	●	227018	5850
C20R-SVU*R/L16	31	20	19	200	-	19	-				●	●	227020	4950
C20S-SVU*R/L16	31	20	19	250	-	19	-				●	●	227022	5850
C25R-SVU*R/L16	35	25	20	200	-	24	-				●	●	227024	6800
C25S-SVU*R/L16	35	25	20	250	-	24	-	●	●	227026	7450			

Note: "*" means B or C select Type

SVWB(C)R/L Type

Boring Turning

Insert:
A21-A24
Parts: P01

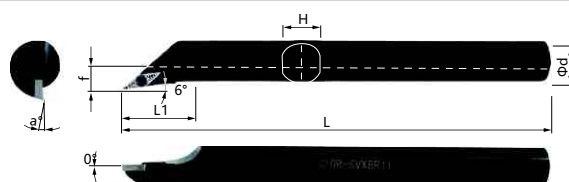
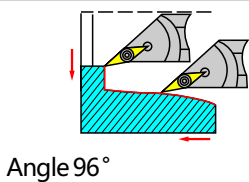


Type Ordering code	Dimensions							Insert	Screw	Wrench	Stock		Order Number	Price (RMB)
	ΦD	Φd	f	L	L1	H	α°				R	L		
S25S-SVW*R/L16	38	25	23	250	33	24	6° 5°	VC..1604..	M4×10	T15	●	●	227100	200
S32T-SVW*R/L16	45	32	26	300	41	30	6° 5°	VB..1604..			●	●	227102	350

SVXB(C)R/L Type

Boring Turning

Insert:
A21-A24
Parts: P01



Type Ordering code	Dimensions							Insert	Screw	Wrench	Stock		Order Number	Price (RMB)
	ΦD	Φd	f	L	L1	H	α°				R	L		
S08H-SVXCR/L08	10	8	5	100	-	7	-	VC..0802..	M2×4	T6	•	•	227200	100
S10K-SVXCR/L08	12	10	6	125	-	9	-				•	•	227202	100
S10K-SVX*R/L11	12	10	6	125	-	9	-	VC..1103.. VB..1103..	M2.5×7	T8	•	•	227204	100
S12M-SVX*R/L11	14	12	7	150	-	11	-				•	•	227206	100
S16Q-SVX*R/L11	22	16	11.5	180	40	15	10° 8°	VC..1604.. VB..1604..	M4×10	T15	•	•	227208	125
S20R-SVX*R/L11	27	20	13.5	200	45	19	8° 6°				•	•	227210	145
S20R-SVX*R/L16	27	20	13.5	200	50	19	10° 8°	VC..1604.. VB..1604..	M4×10	T15	•	•	227212	145
S25S-SVX*R/L16	32	25	16	250	50	24	8° 6°				•	•	227214	200
S32T-SVX*R/L16	40	32	19.5	300	60	30	10° 8°	VC..1604.. VB..1604..	M4×10	T15	•	•	227216	350
S40T-SVX*R/L16	50	40	23.5	300	65	38	8° 6°				•	•	227218	420

Carbide shockproof rod vibration effect L/D > 7.8 times

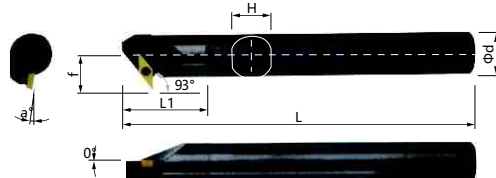
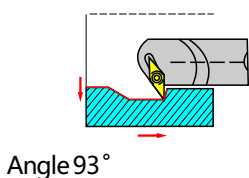
C06J-SVXCR/L08	8.5	6	3.25	110	-	5	-	VC..0802..	M2×4	T6	•	•	227222	1250
C08K-SVXCR/L08	10	8	5	125	-	7	-				•	•	227224	1410
C10M-SVXCR/L08	12	10	6	150	-	9	-	VC..1103..	M2.5×7	T8	•	•	227226	1470
C10M-SVXCR/L11	12	10	6	150	-	9	-				•	•	227228	1470
C12M-SVXCR/L11	14	12	7	150	-	11	-	VC..1103..	M2.5×7	T8	•	•	227230	1710
C12Q-SVXCR/L11	14	12	7	180	-	11	-				•	•	227232	1890
C16R-SVXCR/L11	18	16	9	200	-	15	-	VC..1604..	M4×10	T15	•	•	227234	2640
C20R-SVXCR/L11	22	20	11	200	-	19	-				•	•	227236	4950
C20S-SVXCR/L11	22	20	11	250	-	19	-	VC..1604..	M4×10	T15	•	•	227238	5850
C25S-SVXCR/L16	28	25	14	200	-	24	-				•	•	227240	7450

Note: "*" means B or C select Type

SVZB(C)R/L Type

Boring Turning

Insert:
A21-A24
Parts: P01

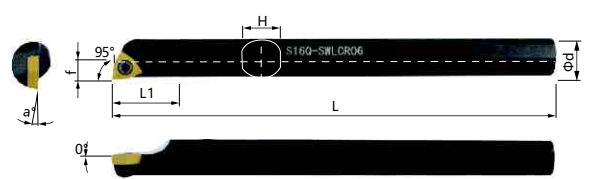
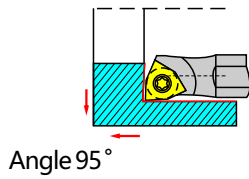


Type Ordering code	Dimensions							Insert	Screw	Wrench	Stock		Order Number	Price (RMB)
	ΦD	Φd	f	L	L1	H	α°				R	L		
S16Q-SVZ*R/L11	22	16	11.5	180	34	15	10° 8°	VC..1103.. VB..1103..	M2.5×7	T8	•	•	227300	125
S20R-SVZ*R/L11	27	20	14	200	38	19	8° 6°				•	•	227302	145
S25S-SVZ*R/L16	34	25	19.5	250	50	20	8° 6°	VC..1604.. VB..1604..	M4×10	T15	•	•	227304	200
S32T-SVZ*R/L16	42	32	23.5	300	50	30	10° 8°				•	•	227306	350
S40T-SVZ*R/L16	50	40	27	300	60	38	8° 6°	VC..1604.. VB..1604..	M4×10	T15	•	•	227308	420
C16R-SVZ*R/L11	22	16	11.5	200	-	15	-				•	•	227310	2640
C20R-SVZ*R/L11	27	20	14	200	-	19	-	VC..1103.. VB..1103..	M2.5×7	T8	•	•	227312	4950
C20S-SVZ*R/L11	27	20	14	250	-	19	-				•	•	227314	5850
C20R-SVZ*R/L16	27	20	14	200	-	19	-	VC..1604.. VB..1604..	M4×10	T15	•	•	227316	4950
C20S-SVZ*R/L16	27	20	14	250	-	19	-				•	•	227318	5850
C25R-SVZ*R/L16	34	25	19.5	200	-	24	-	VC..1604.. VB..1604..	M4×10	T15	•	•	227320	6800
C25S-SVZ*R/L16	34	25	19.5	250	-	24	-				•	•	227322	7450

Note: "*" means B or C select Type

SWLC Type Boring Turning

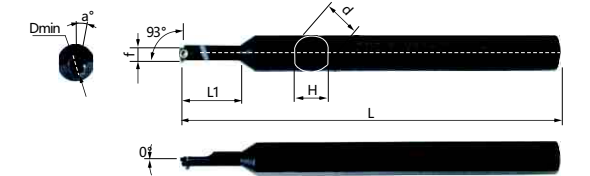
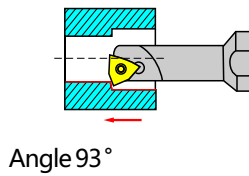
Insert: A17
Parts: P01



Type Ordering code	Dimensions							Insert	Screw	Wrench	Stock		Order Number	Price (RMB)
	ΦD	Φd	f	L	L1	H	α°				R	L		
S08K-SWLCR/L04	10	8	5	125	25	7	13°	WC..0402..	M3×6	T10	•	•	227400	100
S10K-SWLCR/L04	13	10	6.5	125	30	9	10°				•	•	227402	100
S12M-SWLCR/L04	16	12	7.5	150	37	11	13°				•	•	227404	100
S16Q-SWLCR/L06	20	16	9.5	180	40	15	10°	WC..06T3..	M4×10	T15	•	•	227406	125
S20R-SWLCR/L06	25	20	11.5	200	40	19	8°				•	•	227408	145
S25S-SWLCR/L06	31	25	14	250	40	24	6°				•	•	227410	200

SWUB Type Boring Turning

Insert: A17
Parts: P01



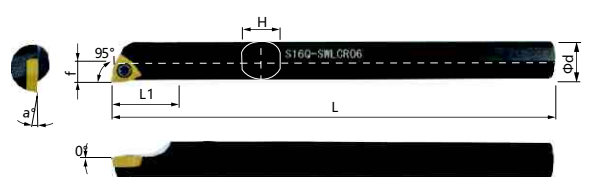
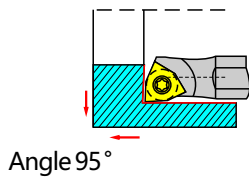
Reducing tool shank

Type Ordering code	Dimensions							Insert	Screw	Wrench	Stock		Order Number	Price (RMB)
	ΦD	Φd	f	L	L1	H	α°				R	L		
S0805H-SWUBR/L06	7	8	3.5	100	20	7	12°	WBG060102	M2×4	T6	•	•	227500	132
S1006K-SWUBR/L06	7	10	3.5	125	20	9	12°				•	•	227502	132
S1207K-SWUBR/L06	8	12	4	125	25	11	12°				•	•	227504	132
S1607M-SWUBR/L06	8	16	4	150	25	15	12°				•	•	227506	132
Carbide reducing diameter anti vibration cutter rod														
C0807K-SWUBR/L06	8	8	4	125	15	7	-	WBG060102	M2×4	T6	•	•	227508	1320



SWLNR/L Type Boring Turning

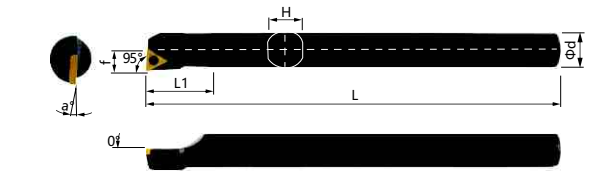
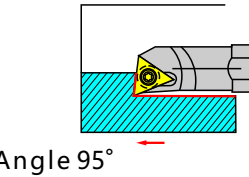
Insert:
A11-A12
Parts: P01



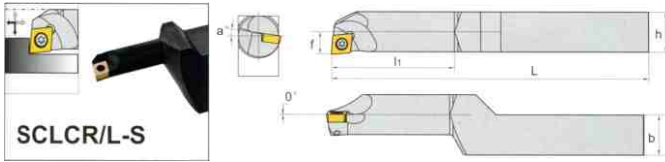
Type Ordering code	Dimensions							Insert	Screw	Wrench	Stock		Order Number	Price (RMB)
	ΦD	Φd	f	L	L1	H	α°				R	L		
S16Q-SWLNR/L08	20	16	11	180	25	14.8	15°	WN..0804..	M4.5×14W	T20	•	•	227600	200
S20R-SWLNR/L08	24	20	13	200	26	18.4	15°				•	•	227602	200

STUNR/L Type Boring Turning

Insert:
A07-A08
Parts: P01



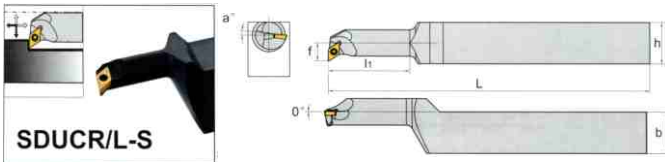
Type Ordering code	Dimensions							Insert	Screw	Wrench	Stock		Order Number	Price (RMB)
	ΦD	Φd	f	L	L1	H	α°				R	L		
S16Q-STUNR/L16	20	16	11	180	25	14.8	15°	TN..1604..	M4.5×14W	T20	•	•	227700	200
S20R-STUNR/L16	24	20	13	200	26	18.4	15°				•	•	227702	200



SCLCR/L-S

Insert: A13-A14
Parts: P01

Type	Insert	Dimension							Screw	Wrench	Order Number	Price	
		Min	φd	b	F	L	L1	h					a°
S08M-SCLCR/L06-S20	CCMT06204	φ10	8	20	5	150	25	20	13°	SC250544	T8	228100	S08
S10M-SCLCR/L06-S20		φ13	10	20	6	150	31	20	12°			228102	
S12M-SCLCR/L06-S20		φ16	12	20	7	150	37	20	10°			228104	
S12P-SCLCR/L06-S20		φ16	12	20	7	170	37	20	10°			228106	
S16P-SCLCR/L09-S20	CCMT09T308	φ20	16	20	9.5	170	49	20	10°	SC350960	T15	228108	
S16Q-SCLCR/L09-S20		φ20	16	20	9.5	180	49	20	10°			228110	
S08M-SCLCR/L06-S25	CCMT06204	φ10	8	25	5	150	25	25	13°	SC250544	T8	228112	
S10M-SCLCR/L06-S25		φ13	10	25	6	150	31	25	12°			228114	
S10N-SCLCR/L06-S25		φ13	10	25	6	160	31	25	12°			228116	
S12N-SCLCR/L06-S25		φ16	12	25	7	160	37	25	10°			228118	
S12P-SCLCR/L06-S25	φ16	12	25	7	170	37	25	10°	228120				
S20R-SCLCR/L06-S25	CCMT09T308	φ25	20	25	11.5	200	61	25	8°	SC350960	T15	228122	
S16Q-SCLCR/L09-S25		φ20	16	25	9.5	180	49	25	10°			228124	
S20Q-SCLCR/L09-S25		φ25	20	25	11.5	200	61	25	8°			228126	

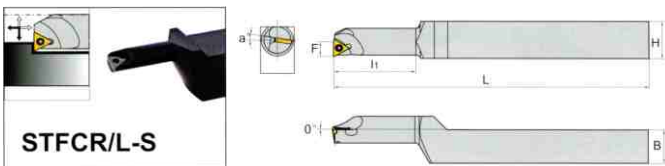


SDUCR/L-S

Insert: A15-A16
Parts: P01

The radial cutting, the cutting amount should be less than or equal to the radius of the cutter tip angle

Type	Insert	Dimension							Screw	Wrench	Order Number	Price	
		Min	φd	b	F	L	L1	h					a°
S10M-SDUCR/L07-S20	DCMT070204	φ15	10	20	8	150	31	20	10°	SC250544	T8	228200	S08
S12M-SDUCR/L07-S20		φ17	12	20	9	150	37	20	8°			228202	
S12P-SDUCR/L07-S20		φ17	12	20	9	170	37	20	8°			228204	
S16P-SDUCR/L07-S20		φ22	16	20	11	170	49	20	6°			228206	
S16Q-SDUCR/L07-S20		φ22	16	20	11	180	49	20	6°			228208	
S10M-SDUCR/L07-S25		φ15	10	25	8	150	31	25	10°			228210	
S10N-SDUCR/L07-S25		φ15	10	25	8	160	31	25	10°			228212	
S12N-SDUCR/L07-S25		φ17	12	25	9	160	37	25	8°			228214	
S12P-SDUCR/L07-S25		φ17	12	25	9	170	37	25	8°			228216	
S16Q-SDUCR/L07-S25		φ22	16	25	11	180	49	25	6°			228218	
S20R-SDUCR/L11-S25	DC11T308	φ25	20	25	13	200	61	25	6°	SC350960	T18	228220	

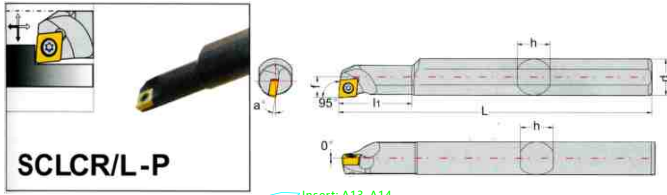


STFRCR/L-S

Insert: A19-A20
Parts: P01

The radial cutting, the cutting amount should be less than or equal to the radius of the cutter tip angle

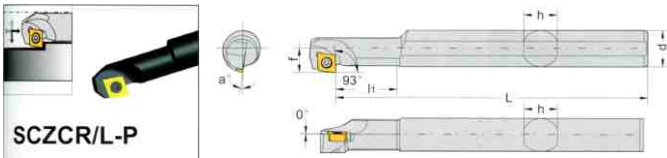
Type	Insert	Dimension							Screw	Wrench	Order Number	Price	
		Min	φd	b	F	L	L1	h					a°
S08M-STFCR09-S20	TC090204	φ11	8	20	5.4	150	25	20	15°	SC220556	T6	228300	S08
S10M-STFCR09-S20		φ13	10	20	6	150	31	20	13°			228302	
S12P-STFCR09-S20		φ16	12	20	7	170	37	20	10°			228304	
S12M-STFCR/L09-S20		φ16	12	20	7	150	37	20	10°			228306	
S12M-STFCR/L11-S20	TC110204	φ14	12	20	7	150	37	20	10°	SC250544	T8	228308	
S12P-STFCR11-S20		φ14	12	20	7	170	37	20	10°			228310	
S16Q-STFCR11-S20		φ20	16	20	9	180	49	20	8°			228312	
S16P-STFCR/L11-S20		φ20	16	20	9	170	49	20	8°			228314	
S08M-STFCR09-S25	TC090204	φ11	8	25	5.4	150	25	25	15°	SC220556	T6	228316	
S10M-STFCR09-S25		φ13	10	25	6	150	31	25	13°			228318	
S10N-STFCR/L09-S25		φ13	10	25	6	160	31	25	13°			228320	
S12N-STFCR/L09-S25		φ16	12	25	7	160	37	25	10°			228322	
S12P-STFCR/L09-S25	φ16	12	25	7	170	37	25	10°	228324				
S16Q-STFCR11-S25	TC110204	φ20	16	25	9	180	41	25	8°	SC250544	T8	228326	
S20R-STFCR11-S25		φ25	20	25	11	200	61	25	6°			228328	



SCLCR/L-P

Insert: A13-A14
Parts: P01

Type	Insert	Dimension							Screw	Wrench	Order Number	Price
		Min	φd	F	L	L1	h	a°				
S07K-SCLCR/L06-12P	CC..0602..	φ9	12	7	125	18.5	11	15°	SC250544	T8	228400	S08
S07K-SCLCR/L06-16P		φ9	16	9	125	18.5	15	15°			228402	
S08K-SCLCR/L06-12P		φ10	12	7	125	21	11	13°			228404	
S08K-SCLCR/L06-16P		φ10	16	9	125	21	15	13°			228406	
S10K-SCLCR/L06-12P		φ13	12	7	125	26	11	12°			228408	
S10K-SCLCR/L06-16P		φ13	16	9	125	26	15	12°			228410	
S12N-SCLCR/L06-16P		φ16	16	7	160	31	15	10°			228412	
S14N-SCLCR/L06-16P		φ17	16	9	160	36	15	12°			228414	
S16N-SCLCR/L06-20P		φ20	16	11.5	160	41	18	8°			228416	
S12N-SCLCR/L09-16P		CC..09T3..	φ16	16	9.5	160	31	15			12°	
S14N-SCLCR/L09-16P	φ17		16	9.5	160	36	15	12°	228420			
S16N-SCLCR/L09-20P	φ20		20	11.5	160	41	15	10°	228422			
S20R-SCLCR/L09-25P	φ25		25	14	200	51	23	8°	228424			

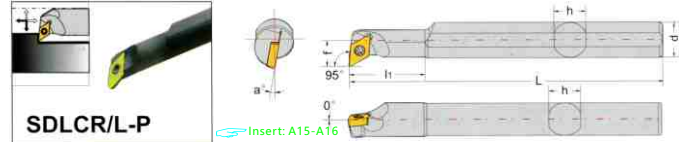


SCZCR/L-P

Insert: A13-A14
Parts: P01

The radial cutting, the cutting amount should be less than or equal to the radius of the cutter tip angle

Type	Insert	Dimension							Screw	Wrench	Order Number	Price
		Min	φd	F	L	L1	h	a°				
S08K-SCLZR/LL06-12P	CC..0602..	φ12	12	8.5	125	21	11	13°	SC250544	T8	228500	S08
S10K-SCLZR/LL06-12P		φ14	12	8.5	125	26	11	12°			228502	
S12N-SCLZR/LL06-16P		φ16	16	10.5	160	31	15	10°			228504	
S14N-SCLZR/LL06-16P	CC..09T3..	φ18	14	10.5	160	26	15	10°	SC350960	T15	228506	S08
S16N-SCLZR/LL09-20P		φ21	20	13.5	160	41	18	10°			228508	
S20Q-SCLZR/LL09-25P		φ25	25	16	180	51	23	8°			228510	

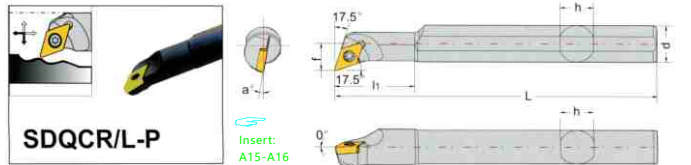


SDLCR/L-P

Insert: A15-A16
Parts: P01

The radial and axial pull down cutting, cutting the amount should be less than or equal to the radius of the cutter tip angle

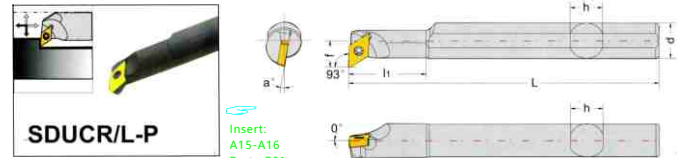
Type	Insert	Dimension							Screw	Wrench	Order Number	Price
		Min	φd	F	L	L1	h	a°				
S08K-SDLCR/L07-12P	DC..0702..	φ12	12	9	125	21	11	12°	SC250544	T8	228600	S08
S08K-SDLCR/L07-16P		φ12	16	11	125	21	15	12°			228602	
S10K-SDLCR/L07-12P		φ15	12	9	125	26	11	10°			228604	
S10K-SDLCR/L07-16P		φ15	16	11	125	26	11	10°			228606	
S12M-SDLCR/L07-16P		φ17	16	11	150	31	15	8°			228608	
S14N-SDLCR/L07-16P		φ19	16	11	160	36	15	6°			228610	
S16N-SDLCR/L07-20P		φ22	20	13	160	41	18	6°			228612	
S20Q-SDLCR/L07-25P		φ25	25	16	180	51	23	6°			228614	



SDQCR/L-P

Insert: A15-A16
Parts: P01

Type	Insert	Dimension							Screw	Wrench	Order Number	Price
		Min	φd	F	L	L1	h	a°				
S10K-SDQCR/L07-12P	DC..0702..	φ13	12	9	125	26	11	10°	SC250544	T8	228700	S08
S10K-SDQCR/L07-16P		φ13	16	10	125	26	15	10°			228702	
S12M-SDQCR/L07-16P		φ16	16	10	150	31	15	8°			228704	
S14N-SDQCR/L07-16P		φ18	16	10.5	160	36	15	6°			228706	
S16M-SDQCR/L07-20P		φ20	20	13	160	41	18	6°			228708	
S20Q-SDQCR/L07-25P		φ25	25	16	180	51	23	6°			228710	
S16M-SDQCR/L11-20P		DC..11T3..	φ20	20	13	160	41	18			8°	
S20Q-SDQCR/L11-25P	φ25		25	16	180	51	23	6°	228714			

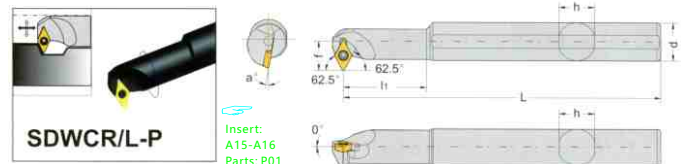


SDUCR/L-P

Insert: A15-A16
Parts: P01

The radial and axial pull down cutting, cutting the amount should be less than or equal to the radius of the cutter tip angle

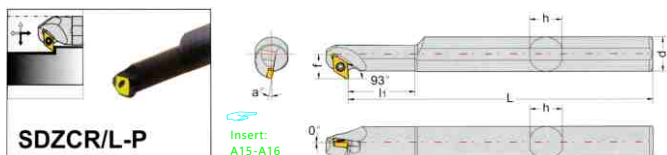
Type	Insert	Dimension							Screw	Wrench	Order Number	Price
		Min	φd	F	L	L1	h	a°				
S10K-SDUCR/L07-12P	DC..0702..	φ15	12	9	125	26	11	10°	SC250744	T8	228800	S08
S10K-SDUCR/L07-16P		φ15	16	11	125	26	15	10°			228802	
S12M-SDUCR/L07-16P		φ17	16	11	150	31	15	8°			228804	
S14N-SDUCR/L07-16P		φ19	16	11	160	36	15	6°			228806	



SDWCR/L-P

Insert: A15-A16
Parts: P01

Type	Insert	Dimension							Screw	Wrench	Order Number	Price
		Min	φd	F	L	L1	h	a°				
S12N-SDWCR/L07-16P	DC..0702..	φ19	16	12.5	160	31	15	10°	SC250744	T8	228900	S08
S14N-SDWCR/L07-16P		φ20	16	12.5	160	36	15	10°			228902	
S16N-SDWCR/L07-20P		φ23	20	14.5	160	41	18	8°			228904	
S20Q-SDWCR/L07-25P		φ27	25	17	180	51	23	6°			228906	

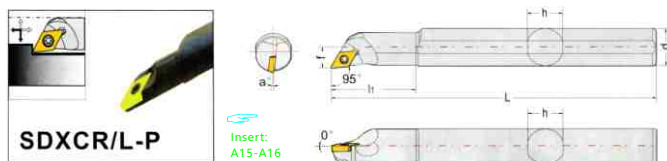


SDZCR/L-P

Insert: A15-A16
Parts: P01

The radial cutting, the cutting amount should be less than or equal to the radius of the cutter tip angle

Type	Insert	Dimension							Screw	Wrench	Order Number	Price
		Min	φd	F	L	L1	h	a°				
S10K-SDZCR/L07-12P	DC..0702..	φ15	12	9.5	125	26	11	12°	SC250544	T8	229100	S08
S10K-SDZCR/L07-16P		φ15	16	11.5	125	26	15	12°			229102	
S12M-SDZCR/L07-16P		φ18	16	11.5	150	31	15	10°			229104	
S14N-SDZCR/L07-16P		φ18	16	11.5	160	36	15	8°			229106	
S16N-SDZCR/L07-20P		φ20	20	13.5	160	41	18	8°			229108	

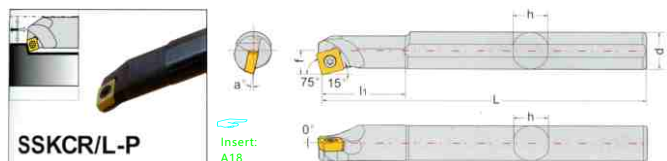


SDXCR/L-P

Insert: A15-A16
Parts: P01

Axial cutting, the cutting amount should be less than or equal to the radius of the cutter tip angle

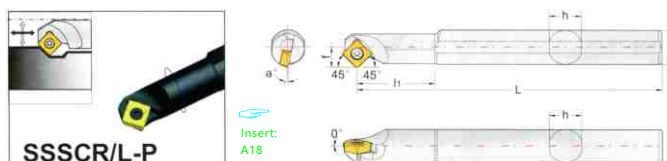
Type	Insert	Dimension							Screw	Wrench	Order Number	Price
		Min	φd	F	L	L1	h	a°				
S08K-SDXCR/L07-12P	DC..0702..	φ10	12	7	125	21	11	12°	SC250544	T8	229200	S08
S08K-SDXCR/L07-16P		φ10	16	9	125	21	15	12°			229202	
S10K-SDXCR/L07-12P		φ13	12	7	125	26	11	10°			229204	
S10K-SDXCR/L07-16P		φ13	16	9	125	26	15	10°			229206	
S12M-SDXCR/L07-16P		φ16	16	9	150	31	15	8°			229208	



SSKCR/L-P

Insert: A18
Parts: P01

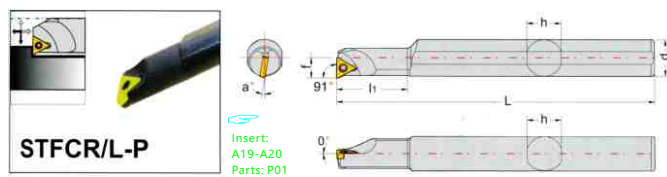
Type	Insert	Dimension							Screw	Wrench	Order Number	Price
		Min	φd	F	L	L1	h	a°				
S12M-SSKCR/L09-12P	SC..09T3..	φ16	16	10.5	150	31	15	12°	SC350760	T15	229300	S08
S14N-SSKCR/L09-16P		φ18	16	10.5	160	36	15	12°			229302	
S16N-SSKCR/L09-16P		φ20	20	12.5	160	41	18	10°			229304	
S20Q-SSKCR/L09-16P		φ24	25	15	180	51	23	8°			229306	



SSSCR/L-P

Insert: A18
Parts: P01

Type	Insert	Dimension							Screw	Wrench	Order Number	Price
		Min	φd	F	L	L1	h	a°				
S12N-SSSCR/L09-16P	SC..09T3..	φ16	16	11.5	160	31	15	12°	SC350760	T15	229400	S08
S14N-SSSCR/L09-16P		φ19	16	11.5	160	36	15	12°			229402	
S16N-SSSCR/L09-20P		φ22	20	13.5	160	41	18	10°			229404	
S20Q-SSSCR/L09-25P		φ26	25	16	180	51	23	8°			229406	

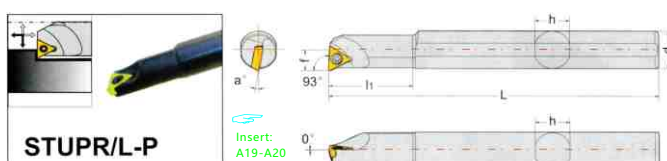


STFRCR/L-P

Insert: A19-A20
Parts: P01

The radial cutting, the cutting amount should be less than or equal to the radius of the cutter tip angle

Type	Insert	Dimension							Screw	Wrench	Order Number	Price
		Min	φd	F	L	L1	h	a°				
S08K-STFRCR/L09-12P	TC..0902..	φ11	12	7.5	125	21	11	15°	SC220556	T6	229500	S08
S08K-STFRCR/L09-16P		φ11	16	9	125	21	15	15°			229502	
S10K-STFRCR/L09-12P		φ13	12	7	125	26	11	13°			229504	
S10K-STFRCR/L09-16P		φ13	16	9	125	26	15	13°			229506	
S12M-STFRCR/L09-16P		φ14	16	9	150	31	15	10°			229508	

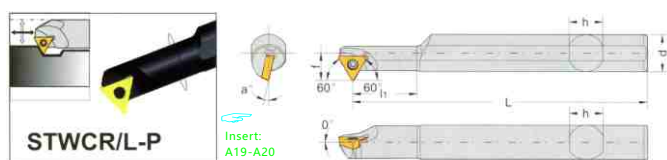


STUPR/L-P

Insert: A19-A20
Parts: P01

The radial cutting, the cutting amount should be less than or equal to the radius of the cutter tip angle

Type	Insert	Dimension							Screw	Wrench	Order Number	Price
		Min	φd	F	L	L1	h	a°				
S08K-STUCR/L09-12P	TC..0902..	φ11	12	7	125	21	11	10°	SC250544	T8	229600	S08
S08K-STUCR/L09-16P		φ11	16	9	125	21	15	10°			229602	
S10K-STUCR/L09-12P		φ13	12	7	125	26	11	8°			229604	
S10K-STUCR/L09-16P		φ13	16	9	125	26	15	8°			229606	
S10K-STUCR/L11-12P		TC..1103..	φ13	12	7	125	26	11			12°	Sc300600



STWCR/L-P

Insert: A19-A20
Parts: P01

Type	Insert	Dimension							Screw	Wrench	Order Number	Price
		Min	φd	F	L	L1	h	a°				
S08K-STWCR/L09-12P	DC..0902..	φ11	12	9	125	21	11	12°	SC250556	T6	229700	S08
S10K-STWCR/L09-12P		φ14	12	9	125	26	11	10°			229702	
S10K-STWCR/L11-12P	DC..1102..	φ14	12	9	125	26	11	10°	SC250744	T8	229704	
S12N-STWCR/L11-16P		φ16	16	11	160	31	15	8°			229706	
S14N-STWCR/L11-16P		φ19	16	11	160	36	15	8°			229708	
S16N-STWCR/L11-20P		φ20	16	13	160	41	18	6°			229710	