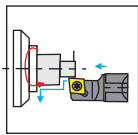
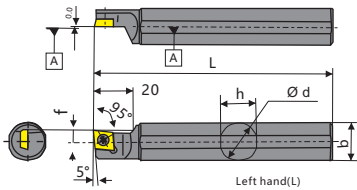


■ 钻头套筒用DS刀柄系列

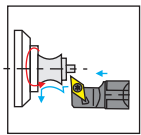


DS-SCLL Type

Inserts : A13-A14
Parts : P01

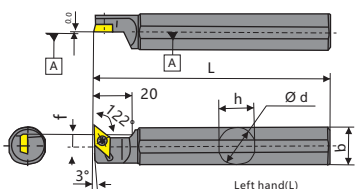


Left hand(L)

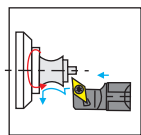


DS-SDUL Type

Inserts : A15-A16
Parts : P01

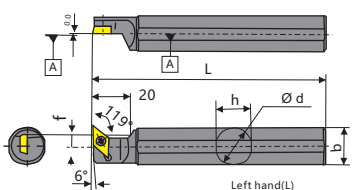


Left hand(L)

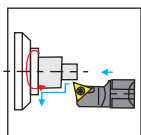


DS-SDXL Type

Inserts : A15-A16
Parts : P01



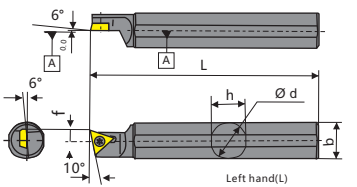
Left hand(L)



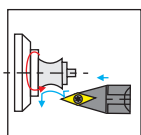
DS-PTXL Type

Lever fixing method

Inserts : A07-A08
Parts : P01

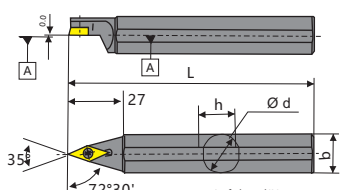


Left hand(L)



DS-SVVPN Type

Inserts : A21-A22
Parts : P01



Left hand(L)

Type	Stock	dimension(mm)					Inserts	Parts		Order Number	Price (RMB)				
		ød	h	b	L	f		screw	Wrench						
DS-SCLL14F-06	●	14.000	13	13	80	6.0	CC □□ 0602	M2.5X7	T8	202400	300				
15H-06	●	15.875	15	15	100					202402	300				
16F-06	●	16.000			80					202404	300				
19-06	●	19.050	18	18	120					202406	360				
20X-06	●	20.000	19	19	95					202408	360				
20-06	●	20.000			120					202410	360				
22-06	●	22.000	21	21	120					202412	410				
25-06MET	●	25.000	24	24						202414	410				
25-06	●	25.400			150					202416	420				
DS-SCLL14F-09	●	14.000	13	13	80					6.0	CC □□ 09T3	M4X8	T15	202418	300
15H-09	●	15.875	15	15	100									202420	300
16F-09	●	16.000			80									202422	300
19GX-09	●	16.000			85									202424	300
19-09	●	19.050	18	18	120									202426	360
20X-09	●	19.050	19	19	95	202428	360								
20-09	●	20.000			120	202430	360								
22-09	●	22.000	21	21	120	202432	410								
25-09MET	●	25.000	24	24		202434	410								
25-09	●	25.400			150	202436	420								

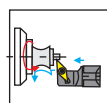
Type	Stock	dimension(mm)					Inserts	Parts		Order Number	Price (RMB)				
		ød	h	b	L	f		screw	Wrench						
DS-SDUL 14F-07	●	14.000	13	13	80	6.0	DC □□ 0702 TFD07□	M2.5X7	T8	202500	300				
15H-07	●	15.875	15	15	100					202502	300				
16F-07	●	16.000			80					202504	300				
16X-07	●	16.000	18	18	120					202506	300				
19-07	●	19.050			120					202508	360				
20X-07	●	20.000	19	19	95					202510	360				
20-07	●	20.000			120					202512	360				
22-07	●	22.000	21	21	120					202514	410				
DS-SDUL 14F-11	●	14.000	13	13	80					10.0	DC □□ 11T3 TFD11□	M4X10	T15	202516	300
16F-11	●	16.000	15	15	120									202518	300
19-11	●	19.050	18	18	160	202520	360								
19-11SPL	●	19.050			160	202522	360								
20X-11	●	20.000	19	19	95	202524	410								
20-11	●	20.000			120	202526	410								
22-11	●	22.000	21	21	120	202528	420								
25-11MET	●	25.000	24	24		202530	420								
25-11	●	25.400			150	202532	420								
DS-SDXL 19-11	●	19.050	18	18	120	10.0	DC □□ 11T3	M4X10	T15					202534	400
20X-11	●	20.000	19	19	95					202536	400				
20-11	●	20.000			120					202538	400				
25-11MET	●	25.000	24	24						202540	450				

Type	Stock	dimension(mm)					Inserts	Parts		Order Number	Price (RMB)
		ød	h	b	L	f		screw	Wrench		
DS-PTAN _{R/L} 19-33	●	19.050	18	18	120	11.0	TN □□ 16..	LCL33N LCS33	L2	202600	500
20-33	●	20.000	19	19						202602	500
22-33	●	22.000	21	21						202604	500
25M-33	●	25.400	24	24						150	202606

DS-SVVPN Type

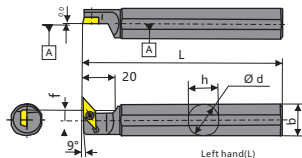
DS-SVVPN 19-11	●	19.050	18	18	120	-	VP □□ 1103..	M2.5*7	T8	202608	500
22-11	●	22.000	21	21						202610	500



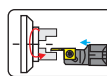


DS-SVX Type

Inserts : A23-A24
Parts : P01

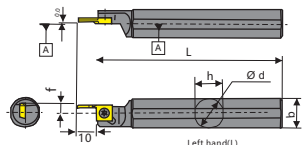


Left hand(L)

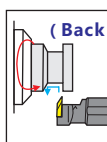


DS-LBMB Type (Inner hole turning)

Inserts : AB14
Parts : P01

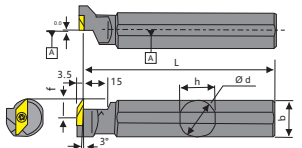


Left hand(L)

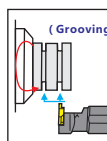


DS-TBPL Type (Back)

Inserts : A32
Parts : P01

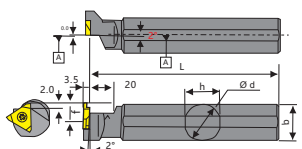


The left hand handle Apply to One's right handInserts , Left hand(L)

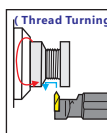


DS-GTTL Type (Grooving)

Inserts : A27-A28
Parts : P01

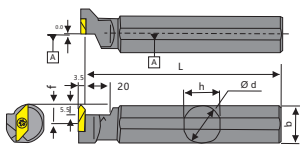


The left hand handle Apply to One's right handInserts , Left hand(L)

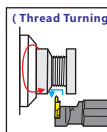


DS-TTPL Type (Thread Turning)

Inserts : A29-A30
Parts : P01

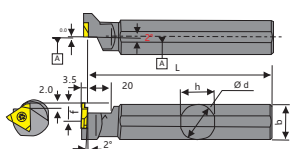


The left hand handle Apply to One's right handInserts , Left hand(L)



DS-STTL Type

Inserts : A29-A30
Parts : P01



The left hand handle Apply to One's right handInserts , Left hand(L)

Type	Stock	dimension(mm)					Inserts	Parts		Order Number	Price (RMB)		
		ϕd	h	b	L	f		screw	Wrench				
DS-SVXL14F-11	●	14.000	13	13	80		VC □□ 1103	M2.5X7	T8	202700	300		
15H-11	●	15.875	15	15	100	10.0				202702	300		
16F-11	●	16.000	15	15	80					202704	300		
19-11	●	19.050	18	18	120	11.0				202706	400		
19-11SPL	●	19.050	18	18	160					202708	400		
20X-11	●	20.000	19	19	95	10.0				202710	400		
20-11	●	20.000	19	19	120					202712	500		
22-11	●	22.000	21	21	120	10.0				202714	500		
25-11	●	25.400	24	24	150					202716	500		
DS-SVXPL19-08	●	19.050	18	18		10.0				VP □□ 0802	T6	202718	500
20-08	●	20.000	19	19	120							202720	500
22-08	●	22.000	21	21	120		202722	500					
25-08	●	25.400	24	24	150		202724	500					

DS-LBMB Type Small diameter hole machining

Type	Stock	ϕd	h	b	L	f	Inserts	Parts	Order Number	Price (RMB)	
DS-LBMBL 14F	●	14.000	13	13	80		LBMD-S LBM(C)3080 LBM(E)2060 LBMD1020	M4.0X10	T15	202728	500
15H	●	15.875	15	15	100	6.0				202730	500
16X	●	16.000	15	15	95					202732	500
19	●	19.050	18	18	120	202734				500	
20	●	20.000	19	19	120	202736				500	
22	●	22.000	21	21	120	202738				500	
25-MET	●	25.000	24	24	120	202740				500	
25	●	25.400	24	24	150	202742				500	

Type	Stock	ϕd	h	b	L	f	Inserts	Parts	Order Number	Price (RMB)	
DS-TBPL 19	●	19.050	18	18			TBP..	M4X10	T15	202800	500
20	●	20.000	19	19	120	11.0				202802	500
25	●	25.400	24	24	150	13.0				202804	500

DS-GTTL Type (Grooving)

Type	Stock	ϕd	h	b	L	f	Inserts	Parts	Order Number	Price (RMB)	
DS-GTTL 14F	●	14.000	13	13	80		GTM32 GTMH32 GTMX32	M4X10	T15	202806	500
15H	●	15.875	15	15	100	6.0				202808	500
16X	●	16.000	15	15	95					202810	500
19	●	19.050	18	18	120	202812				500	
20	●	20.000	19	19	120	202814				500	
22	●	22.000	21	21	120	202816				500	
25	●	25.400	24	24	150	10.0	202818	500			

Type	Stock	ϕd	h	b	L	f	Inserts	Parts	Order Number	Price (RMB)	
DS-TBPL 19	●	19.050	18	18			TTP..	M4X10	T15	202900	500
20	●	20.000	19	19	120	10.0				202902	500
25	●	25.400	24	24	150	10.0				202904	500

DS-STTL Type

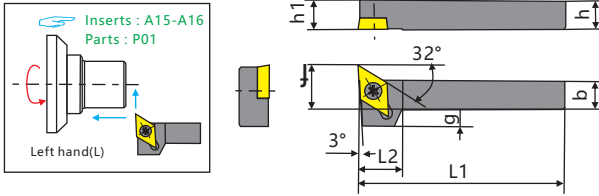
Type	Stock	ϕd	h	b	L	f	Inserts	Parts	Order Number	Price (RMB)	
DS-STTL 14F	●	14.000	13	13	80		TTMH 3260	M4X10	T15	202906	500
15H	●	15.875	15	15	100	6.0				202908	500
16X	●	16.000	15	15	95					202910	500



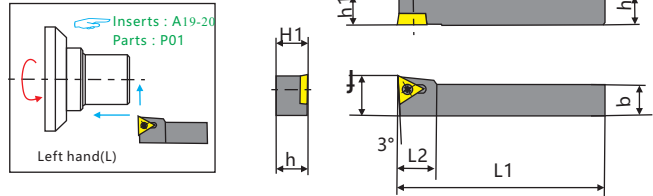
The front row knife handle

Front

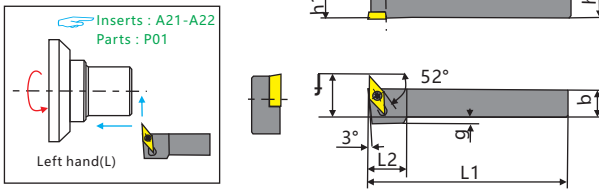
CH-SDUCL Type



CH-STUCL Type



CH-SVUPL Type

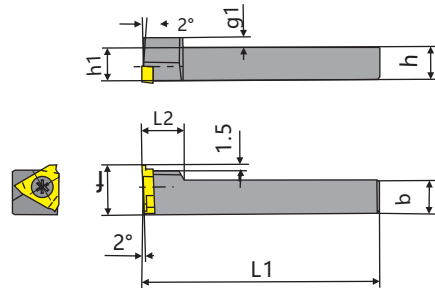
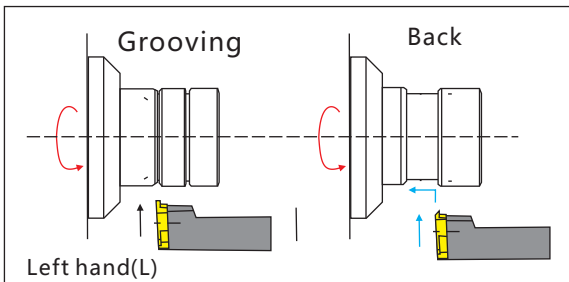


Type	Stock	dimension(mm)							Inserts	Parts		Order Number	Price (RMB)
		L1	L2	f	b	h	h1	g		screw	Wrench		
CH-SDUCL1010H11	●	15	10	10	10	6			DC □□11T3	LRIS-4*12PW	CLR-15S	203100	300
SDUCL1212H11	●	17	12	12	12	4							
STUCL1010H09	●	13	10	10	10	-			TC □□0902	LRIS-2.2*6	CLR-13S	203104	300
STUCL1212H09	●	13	12	12	12	-							
SVUPL1010H08	●	13	15	10	10	2			VP □□0802	LRIS-2.0*6	CLR-13S	203108	300
SVUPL1212H08	●	17	12	12	12	0							

Grooving/Back

CH-GTTL Type

Inserts: A25-A28
Parts: P01

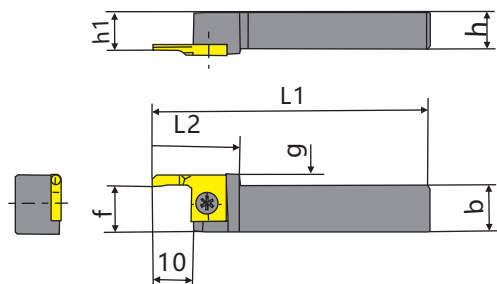
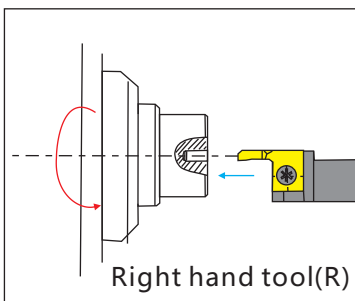


Type	Stock	dimension(mm)							Inserts	Parts		Order Number	Price (RMB)	
		L1	L2	f	b	h	h1	g		g1	screw			Wrench
CH-GTTL10H00	●	100	12	15	10	10	10	-	10	GTM32 GTMH32 GTMX32 TBMH32	M4.0X9	T15	203200	300
GTTL12H00	●	100	12	17	12	12	12	-	12					

Boring

CH-LBML Type

Inserts: AB14
Parts: P01

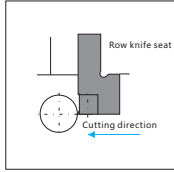


Type	Stock	dimension(mm)							Inserts	Parts		Order Number	Price (RMB)	
		L1	L2	f	b	h	h1	g		g1	screw			Wrench
CH-LBML1012H	●	100	22	12	12	10	10	3	-	LBM	M4.0X10	T15	203300	360
LBML1212H	●	100	22	12	12	12	12	-						

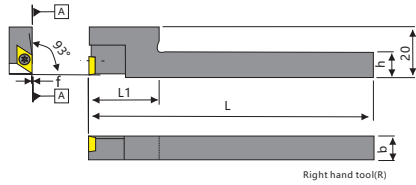


Y axis control Toolholders

Y-SDJCR Type Front

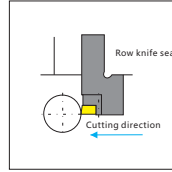


Inserts : A15-A16
Parts : P01

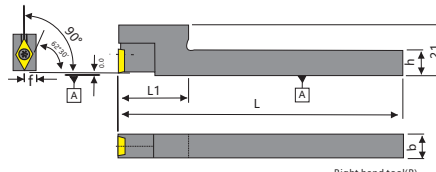


Right hand tool(R)

Y-SDNCN Type Front

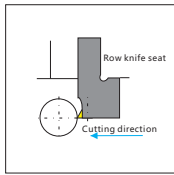


Inserts : A15-A16
Parts : P01



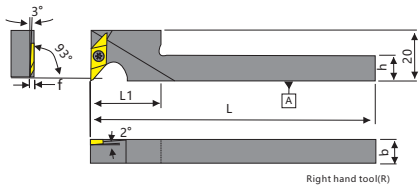
Right hand tool(R)

Y-TBPR Type



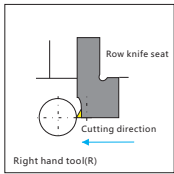
Back

Inserts : A32
Parts : P01



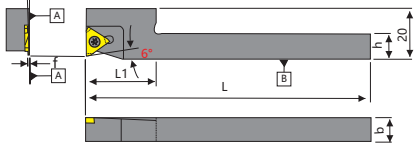
Right hand tool(R)

Y-GTTR Type

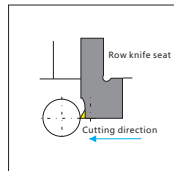


Grooving

Inserts : A25-A28
Parts : P01

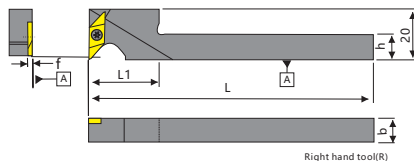


Y-GTPA Type



Multi-function Type

Inserts : A29-A30
Parts : P01



Right hand tool(R)

Type	Stock	dimension(mm)					Inserts	Parts		Order Number	Price (RMB)						
		h	b	L	f	L1		screw	Wrench								
Y-SDJCR 10-07S	●	10	10	120	0.0	20	DC □□0702 TFD07□	M2.5X7	T8	203400	500						
12-07S	●	12	12							203402	500						
10-07	●	10	10							203404	500						
12-07	●	12	12							203406	500						
10-07L	●	10	10			30	DC □□11T3 TFD11□	M4X10	T15	203408	500						
12-07L	●	12	12							203410	500						
10-11L	●	12	12							203412	500						
12-11S	●	10	10							203414	500						
12-11L	●	12	12			16				DC □□11T3 TFD11□	M4X10	T15	203416	500			
12-11L	●	12	12										203418	500			
16-11L	●	16	16										203420	500			
16-11LL	●	16	140										42	203422	500		
Y-SDNCN12-11S	●	12	12	120	6.0	20							DC □□11T3	M4X10	T15	203424	500
16-11L	●	16	16													8.0	30

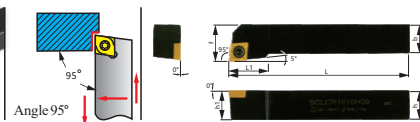
Type	Stock	dimension(mm)					Inserts	Parts		Order Number	Price (RMB)						
		h	b	L	f	L1		screw	Wrench								
Y-TBPR 10S	●	10	10	120	3.5	20	TBP □□FR	M4X10	T15	203500	500						
12S	●	12	12							203502	500						
10	●	10	10							203504	500						
12	●	12	12			30				GTM32 GTMH32 GTMX32	M4X10	T15	203506	500			
10L	●	10	10										203508	500			
12L	●	12	12										203510	500			
Y-GTTR 10S	●	10	10	120	-	20	GTM32 GTMH32 GTMX32	M4X10	T15				203512	500			
10	●	10	10										203514	500			
10L	●	10	10										25	GTM32 GTMH32 GTMX32	M4X10	T15	203516
12S	●	12	12			203518				500							
12	●	12	12			30				GTM32 GTMH32 GTMX32	M4X10	T15					203520
12L	●	12	12										203522				500
Y-GTPA 1216	●	12	16	120	-	20	GTPA	M4X10	T15				203524				500



Turning small parts

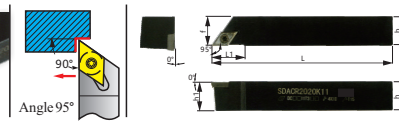
SCLN Type Cylindrical Turning

Inserts : A01-A02
Parts : P01



SDLN Type Cylindrical Turning

Inserts : A03-A04
Parts : P01

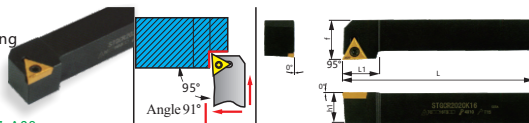


Type Ordering code	Dimensions						Inserts	Wrench	Screw	Stock	Order Number	Price (RMB)		
	h	b	L	L1	h1	f								
SCLNR 1010K-07FF	10	10	125	15	10	10	CN..0703..	T10	M3×8	●	203600	270		
1212F-07FF	12	12	85	15	12	12				●			203602	270
1212K-07FF	12	12	125	15	12	12				●			203604	280
1616K-07FF	16	16	125	15	16	16				●			203606	320

Type Ordering code	Dimensions						Inserts	Wrench	Screw	Stock	Order Number	Price (RMB)		
	h	b	L	L1	h1	f								
SDLNR 1010K-08FF	10	10	125	18	10	10	DN..0803..	T10	M3×8	●	203700	270		
1212F-08FF	12	12	85	18	12	12				●			203702	270
1212K-08FF	12	12	125	18	12	12				●			203704	280
1616K-08FF	16	16	125	18	16	16				●			203706	320

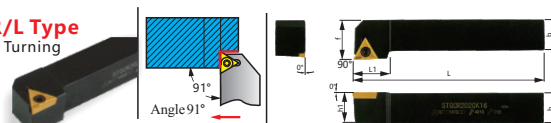
STLN Type Cylindrical Turning

Inserts : A07-A08
Parts : P01



JSTACR/L Type Cylindrical Turning

Inserts : A19-A20
Parts : P01

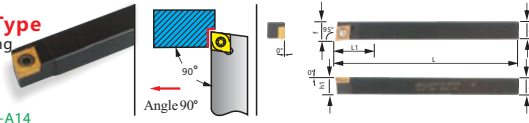


Type Ordering code	Dimensions						Inserts	Wrench	Screw	Stock	Order Number	Price (RMB)		
	h	b	L	L1	h1	f								
STLNR 1010K-09FF	10	10	125	15	10	10	TN..0903..	T8	M2.5×7	●	203800	270		
1212F-09FF	12	12	85	15	12	12				●			203802	270
1212K-09FF	12	12	125	15	12	12				●			203804	280
1616K-09FF	16	16	125	15	16	16				●			203806	320

Type Ordering code	Dimensions						Inserts	Wrench	Screw	Stock		Order Number	Price (RMB)
	h	b	L	L1	h1	f				R	L		
JSTACR/L 0808K08	8	8	100	10	8	8	TC..0802..	T6	M2.2×6	●	●	203900	150
1010K08	10	10	100	10	10	10				●	●		
1212K11	12	12	100	12	12	12	TC..1102..	T8	M2.5×7	●	●	203904	125
1616K11	16	16	100	12	16	16				●	●		

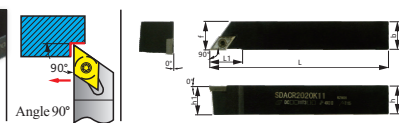
JSCL2CR/L Type Cylindrical Turning

Inserts : A13-A14
Parts : P01



JSDJ2CR/L Type Cylindrical Turning

Inserts : A15-A16
Parts : P01



Type Ordering code	Dimensions						Inserts	Wrench	Screw	Stock		Order Number	Price (RMB)		
	h	b	L	L1	h1	f				R	L				
JSCL2CR/L 0808K06	8	8	125	10	8	8	CC..0606..	T8	M2.5×7	●	●	204100	150		
1010K06	10	10	125	10	10	10				●	●			204102	125
1212K06	12	12	125	13	12	12				●	●			204104	125
JSCL2CR/L 1010K09	10	10	125	13	10	10	CC..09T3..	T15	M4×10	●	●	204106	125		
1212K09	12	12	125	13	12	12				●	●			204108	125
1616K09	16	16	125	13	16	16				●	●			204110	140

Type Ordering code	Dimensions						Inserts	Wrench	Screw	Stock		Order Number	Price (RMB)		
	h	b	L	L1	h1	f				R	L				
JSDJ2CR/L 0808K07	8	8	125	15	8	8	DC..0702..	T8	M2.5×7	●	●	204200	150		
1010K07	10	10	125	15	10	10				●	●			204202	125
1212K07	12	12	125	15	12	12				●	●			204204	125
JSDJ2CR/L 1010K11	10	10	125	22	10	10	DC..11T3..	T15	M4×10	●	●	204206	125		
1212K11	12	12	125	22	12	12				●	●			204208	125
1616K11	16	16	125	22	16	16				●	●			204210	140

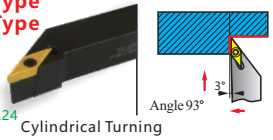
Customers can provide Inserts and pole drawings customized, delivery 7-15 days.



Before turning the handle

JSVJ2BR/L Type JSVJ2CR/L Type

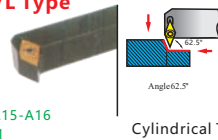
Inserts : A21-A24
Parts : P01



Cylindrical Turning

JSDN3CR/L Type

Inserts : A15-A16
Parts : P01

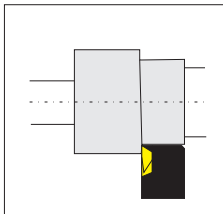


Cylindrical Turning

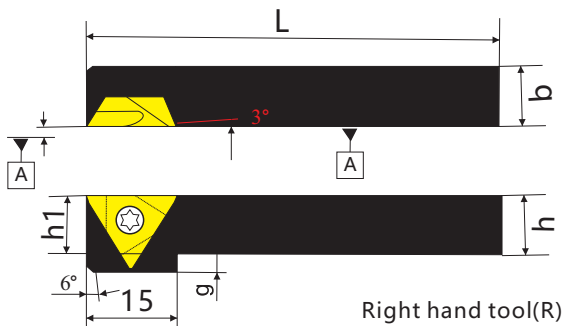
Type Ordering code	Dimensions						Inserts	Wrench	Screw	Stock		Order Number	Price (RMB)
	h	b	L	L1	h1	f				R	L		
JSVJ2BR/L 0808K11	8	8	125	20	8	8	VB..1103..	T8	M2.5×6	●	●	204300	150
1010K11	10	10	125	20	10	10				●	●	204302	125
1212K11	12	12	125	22	12	12				●	●	204304	125
1616K11	16	16	125	22	16	16				●	●	204306	140
JSVJ2CR/L 0808K11	8	8	125	20	8	8	VC..1103..	T8	M2.5×6	●	●	204308	150
1010K11	10	10	125	20	10	10				●	●	204310	125
1212K11	12	12	125	22	12	12				●	●	204312	125
1616K11	16	16	125	22	16	16				●	●	204314	140

Type Ordering code	Dimensions						Inserts	Wrench	Screw	Stock		Order Number	Price (RMB)
	h	b	L	L1	h1	f				R	L		
JSDN3CR/L 1212K07	12	12	125	12	12	18	DC..0702..	T8	M2.5×7	●	●	204400	220
1616K11	16	16	125	15	16	25	DC..11T3..	T15	M3.5×10	●	●	204402	220

TFT Type Triangle installed inside and outside the Front common tightening Type



Type	Stock	dimension(mm)						Inserts	Parts		Order Number	Price (RMB)	
		h	b	L	h1	f	g		screw	Wrench			
TFTR10	●	10	10	120	10	0.0	3	TF 33	M4X10	T15	204500	300	
TFTR12	●	12	12		12						1	204502	300
TFTR16	●	16	16		16						1	204504	300
TFTR20	●	20	20		20						1	204506	300

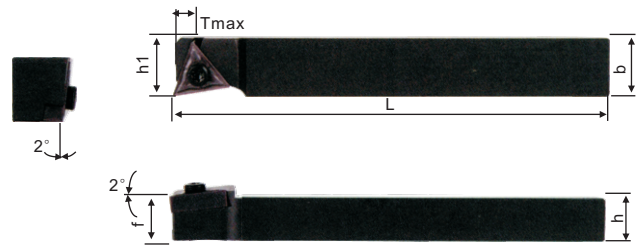
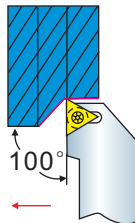


Inserts Type	rE	Stock	Order Number	Price (RMB)
		R		
TF3300R	0	●	204600	200
TF3305R	0.05	●	204602	200
TF3315R	0.15	●	204604	200
TF3320R	0.20	●	204606	200

KTXN Type



Inserts : A07-A08
Parts : P01



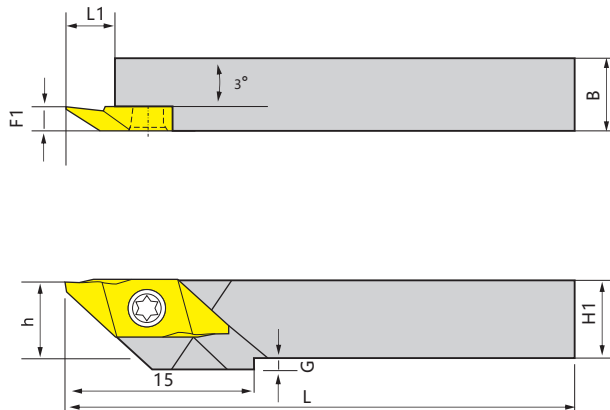
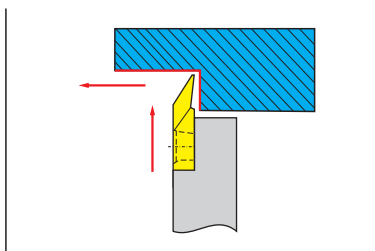
Type Ordering code	Dimensions						Inserts	Wrench	Screw	Stock	Order Number	Price (RMB)
	h	b	L	L1	h1	f						
KTXNR 1060X33N	10	16	120	20	10	16	TN□ 33	T15	M3.5×13T	●	204700	270
1216X33N	12	16	120	20	12	16				●	204702	270
1616X33N	16	16	120	20	16	16				●	204704	280
2020X33N	20	20	120	20	20	20				●	204706	320



TBP Type After Turning

NTK

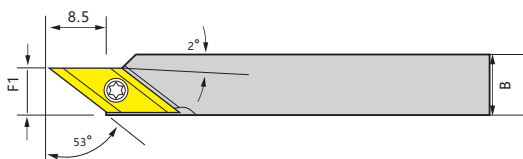
Inserts : A32
Parts : P01



Type Ordering code	Dimensions						Inserts	Wrench	Screw	Stock	Order Number	Price (RMB)
	H1=h	B	L	L1	G	F1						
TBPR/L 08	8	10	120	5.5	4	3.5	TBP..	T15	M4×10	●	205100	260
10	10	10	120	5.5	2	3.5				●	205102	200
12GX	12	12	85	5.5	0	3.5				●	205104	200
12	12	12	120	5.5	0	3.5				●	205106	200
13	13	13	120	5.5	0	3.5				●	205108	260
16H	16	16	100	5.5	0	3.5				●	205110	200
16	16	16	120	5.5	0	3.5				●	205112	200

TBVC Type After Turning

NTK



Type	Stock	dimension(mm)					Inserts	Parts		Order Number	Price (RMB)	
		h	B	L	H1	F1		screw	Wrench			
TBVC R 10	●	10	10	120	10	7.5	TBVC VCGT1103	M2.5X7	T8	●	205200	200
12	●	12	12		12					●	205202	200
16	●	16	16		16					●	205204	200
10-F10	●	10	10	10	10	●				205206	200	
12GX-F10	●	12	12	85		●				205208	200	
12-F10	●	12	12	120		●				205210	200	
16H-F10	●	16	16	100	16	●				205212	200	
16-F10	●			120		●				205214	200	
20F-F10	●	20	20	80	20	●				205216	200	

TBVC Type Inserts

Inserts Type号	Stock		dimension(mm)			Order Number	Price (RMB)
	R	L	d	s	rε		
TBVC11FR05U	●	●	6.35	3.18	0.05	205300	220
TBVC11FR10U	●	●			0.10	205302	220
TBVC11FR10S	●	●			0.10	205304	220

Inserts :
Parts : P01

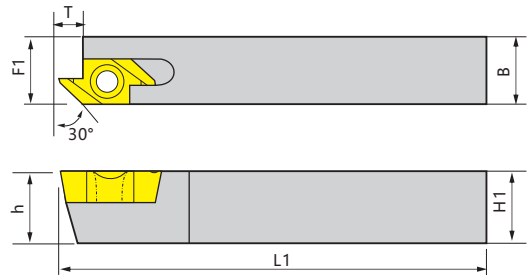
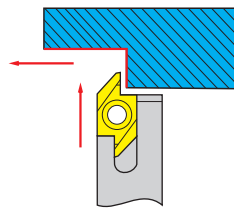
After turning the handle

ABS Toolholders

SABS-40F Type After Turning

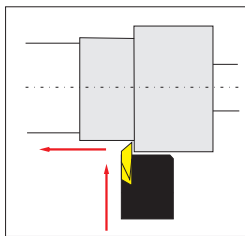


Inserts : A31
Parts : P01



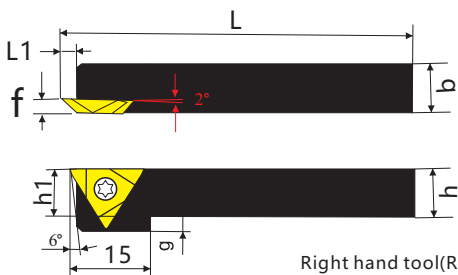
Type Ordering code	Dimensions						Inserts	Wrench	Screw	Stock	Order Number	Price (RMB)
	H1=h	B	L1	L2	T	F1						
SABSR 0810K-40F	8	10	125	-	4.2	10.2	ABS15R..	T20	M4.0×8	●	205400	180
1010K-40F	10	10	125	-	4.2	10.2				●	205402	160
1212F-40F	12	12	85	-	4.2	12.2				●	205404	140
1212M-40F	12	12	150	-	4.2	12.2				●	205406	160
1616M-40F	16	16	150	-	4.2	16.2				●	205408	160
2020K-40F	20	20	125	-	4.2	20.2				●	205410	200
SABWR 0810K-40F	8	10	125	-	4.2	10.2	ABW15R..	T20	M4.0×8	●	205412	180
1010K-40F	10	10	125	-	4.2	10.2				●	205414	160
1212F-40F	12	12	85	-	4.2	12.2				●	205416	140
1212M-40F	12	12	150	-	4.2	12.2				●	205418	160
1616M-40F	16	16	150	-	4.2	16.2				●	205420	160
2020K-40F	20	20	125	-	4.2	20.2				●	205422	200
SABWR 0810K-50F	8	10	125	-	8.2	10.2	ABW23R..	T20	M4.0×8	●	205424	200
1010K-50F	10	10	125	-	8.2	10.2				●	205426	180
1212F-50F	12	12	85	-	8.2	12.2				●	205428	160
1212M-50F	12	12	150	-	8.2	12.2				●	205430	160
1616M-50F	16	16	150	-	8.2	16.2				●	205432	160
2020K-50F	20	20	125	-	8.2	20.2				●	205434	200

TBT Type Triangle installed inside and outside to tighten the Type



Inserts :
Parts : P01

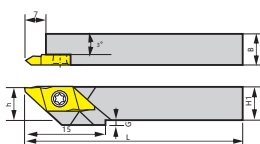
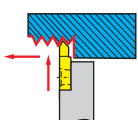
Type	Stock	dimension(mm)						Inserts	Parts		Order Number	Price (RMB)
		h	b	L	h1	f	g		screw	Wrench		
TBTR/L 08F	●	8	8	80	8		5	TF 33	M4X10	T15	205500	300
08K	●	8	8	120	8		5				205502	300
10F	●	10	10	80	10	4.0	3				205504	300
10K	●	10	10	120	10		3				205506	300
12F	●	12	12	80	12		1				205508	300
12K	●	12	12	120	12		1				205510	300



Inserts Type	FE	Stock R	Order Number	Price (RMB)
TB3200R/L	0.00	●	205600	200
3205R/L	0.05	●	205602	200
3210R/L	0.10	●	205604	200
3215R/L	0.15	●	205606	200
3220R/L	0.20	●	205608	200

TTP Type Thread Turning

Inserts : A29-A30
Parts : P01

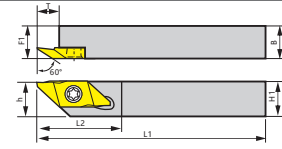
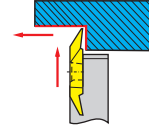


Type Ordering code	Dimensions				Inserts	Wrench	Screw	Order Number	Price (RMB)
	H1=h	B	L	G					
TTPR/L 08	8	10	120	4	TTP..	T15	M4×10	205700	260
10	10	10	120	2				205702	200
12GX	12	12	85	0				205704	200
12	12	12	120	0				205706	200
16H	16	16	100	0				205708	260
16	16	16	120	0				205710	200
20F	20	20	80	0	205712	200			

KTKF Type



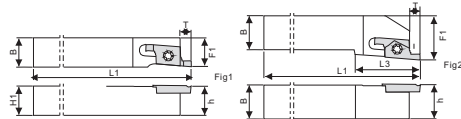
Inserts : A31
Parts : P01



Type Ordering code	Dimensions						Inserts	Wrench	Screw	Stock	Order Number	Price (RMB)
	H1=h	B	L1	L2	T	F1						
KTKFR 0808K-12	8	8	125	15	6	8	TKF..12R..	T20	M4.5×8	●	206100	260
1010K-12	10	10	125	15	6	10				●	206102	200
1212F-12	12	12	85	-	6	12				●	206104	150
1212M-12	12	12	150	-	6	12				●	206106	160
1616M-12	16	16	150	-	6	16				●	206108	140
KTKFR 0808K-16	8	8	125	15	8	8	TKF..16R..	T20	M4.5×8	●	206110	260
1010K-16	10	10	125	20	8	10				●	206112	200
1212F-16	12	12	85	-	8	12				●	206114	150
1212M-16	12	12	150	-	8	12				●	206116	160
1616M-16	16	16	150	-	8	16				●	206118	140

Small Hole End Face Groove Processing System

STW Type

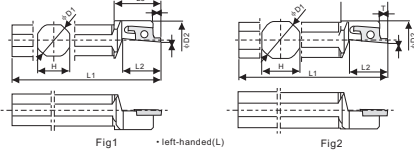


● dimensions

Order Number	Type	dimensions (mm)										Parts		Price	
		Stock	H1=h	B	L1	L2	L3	F1	F2	T	F3	SB-3080TR	LTW-10S		
206800	STWL 1010F-15	●	10	10	10	10	10								400
206802	1212F-15	●	12	12	85	12								400	
206804	1212K-15	●	12	12		12								400	
206806	1616K-15	●	16	16	125		16							400	
206808	2020K-15	●	20	20		25								500	
206810	2525M-15	●	25	25	150		32							500	

● dimensions T Said to the cutter bar distance from tip. Groove cutting depth. Inserts "B" dimensions

S...STW Type

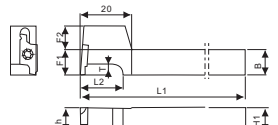


● dimensions

Order Number	Type	dimensions (mm)										Parts		Price
		Stock	H1=h	B	L1	L2	L3	F1	F2	T	F3	SB-3080TR	LTW-10S	
206812	S12F- STWL15	●	12	11	80									400
206814	S14H- STWL15	●	14	13	100									400
206816	S15F- STWL15	●	15.875	20			22	3						400
206818	S16F- STWL15	●	16	15	85	18								400
206820	S19G- STWL15	●	19.05	18.5	17	90								400
206822	S19K- STWL15	●	19.05	18.5	17	120								400
206824	S20G- STWL15	●	20	19.5	18	120								500
206826	S20K- STWL15	●	20	19.5	18	120								500
206828	S22K- STWL15	●	22	21.5	20	125		3						550
206830	S25.0J- STWL15	●	25	24.5	23	110	22							600
206832	S25K- STWL15	●	25.4	25	23	120								600

● dimensions T Said to the cutter bar distance from tip. Groove cutting depth. Inserts "B" dimensions

STWS Type



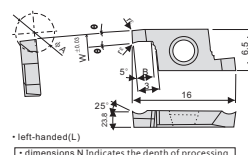
● dimensions

Order Number	Type	dimensions (mm)										Parts		Price
		Stock	H1=h	B	L1	L2	L3	F1	F2	T	F3	SB-3080TR	LTW-10S	
206840	STWSR 1010JX-15T	●	10	10				10	9					500
206842	1212JX-15T	●	12	12	120	16		12	7					500
206846	1616JX-15T	●	16	16	20			16	3	3				500
206848	STWSR 1010F-15T	●	10	10				10	9					500
206850	1212F-15T	●	12	12	85	16		12	7					500

● dimensions T Said to the cutter bar distance from tip. Groove cutting depth. Inserts "B" dimensions

Small diameter cutting machine (double ended)

TWFG Type



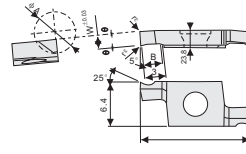
● left-handed(L)

● dimensions N Indicates the depth of processing

Order Number	Type	Outside diameter φA		dimensions(mm)			Angle (°)	Stock PVD Coated cemented carbide	Price
		MIN.	MAX.	W	rε	B			
206900	TWFG050	0.5	∞	1.0	0.05	1.5	2°	●	●
206902	080	0.8	∞	1.5	0.05	1.5		●	
206904	100	1.0	∞	2.2	0.05	2.0	●	●	
206906	125	1.25	∞	2.2	0.05	2.0	●	●	
206908	150	1.5	∞	3.0	0.05	2.0	●	●	
206910	180	1.8	∞	3.0	0.05	2.0	●	●	
206912	200	2.0	∞	3.0	0.05	2.0	●	●	

In the end cutting groove diameter A MIN. values in the parentheses, with a value in the initial (MIN. - MAX.) were cut after processing, will expand to the center of the groove width direction of minimum diameter core.

TWFGT Type



● left-handed(L)

● dimensions N Indicates the depth of processing

Order Number	Type	Outside diameter φA		dimensions(mm)			Angle (°)	Stock PVD Coated cemented carbide	Price
		MIN.	MAX.	W	rε	B			
206920	TWFGTR 050	0.5	∞	1.0	0.05	1.5	2°	●	●
206922	080	0.8	∞	1.5	0.05	1.5		●	
206924	100	1.0	∞	2.2	0.05	2.0	●	●	
206926	125	1.25	∞	2.2	0.05	2.0	●	●	
206928	150	1.5	∞	3.0	0.05	2.0	●	●	
206930	180	1.8	∞	3.0	0.05	2.0	●	●	
206932	200	2.0	∞	3.0	0.05	2.0	●	●	

In the end cutting groove diameter A MIN. values in the parentheses, with a value in the initial (MIN. - MAX.) were cut after processing, will expand to the center of the groove width direction of minimum diameter core.

Recommended cutting conditions (TWFG Type/TWFGT Type)

Processed material	Recommended Inserts material (cutting speed m/min)	TWFG050	TWFG125	TWFG180	Remarks
		TWFG080	TWFG150	TWFG200	
Carbon steel / alloy steel	★ 30~100	TWFG100	TWFG125	TWFG180	Wet
		TWFGTR050	TWFGTR125	TWFGTR180	
Stainless steel	★ 30~80	TWFGTR080	TWFGTR150	TWFGTR200	Wet
		TWFGTR100			
Aluminum / nonferrous metals	★ ~300	Feed quantity f(mm/rev)			



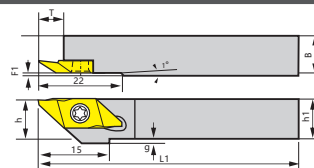
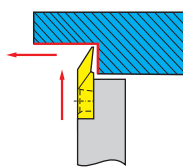
Brand technical support



CTP Type

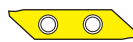


CTP Type Max cut diameter 11mm



CTP CTPA Inserts CTP CTPA Toolholders

Inserts : A29-A30
Parts : P01



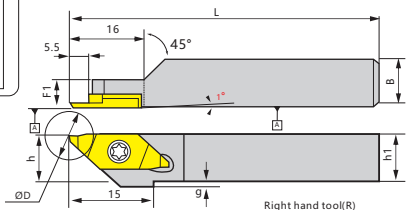
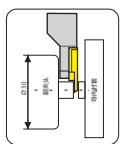
CTPW INSERTS CTPW Toolholders

Type Ordering code	Dimensions							Inserts	Wrench	Screw	Stock		Order Number	Price (RMB)
	h	B	L1	h1	g	T	R				L			
CTPR/L 08	8	10	120	8	4	5.5	CTP(Cut-Off) CTP-X(Cut-Off) CTPX(Cut-Off)	T15	M4.0×8	●	●	206300	260	
10	10	10	120	10	2	5.5				●	●	206302	200	
12GX	12	12	85	12	0	5.5				●	●	206304	150	
12	12	12	120	12	0	5.5				●	●	206306	160	
13	13	13	120	13	0	5.5				●	●	206308	170	
16H	16	16	100	16	0	5.5				●	●	206310	140	
16	16	16	120	16	0	5.5				●	●	206312	160	
CTPA Type Max cut diameter 15mm	Back and cut off							CTPA(Cut-Off) CTPAX(Cut-Off) TBPA(Back)	T15	M4.0×8	●	●	206316	200
CTPAR/L 10	10	10	120	10	2	7.5	●				●	206318	160	
12	12	12	120	12	0	7.5	●				●	206320	160	
16	16	16	120	16	0	7.5	●				●	206322	160	
20F	20	20	80	20	0	7.5								
CTPW Type Max cut diameter 30mm								CTPW25.. (Cut-Off)	T15	M4.0×8	●	●	206326	280
CTPWR/L 10	10	12	120	9.95	f=0.6	15	●				●	206328	260	
12	12	12	120	11.95	f=0.6	15	●				●	206330	200	
16	16	16	120	15.95	f=0.6	15	●				●	206332	260	
20	20	20	120	19.95	f=0.6	15	●				●			

CTPS Type/TKFS Type/SABSS Type Permutation Cut-Off tool

CTPR-SUB Type

Inserts : A29-A30
Parts : P01

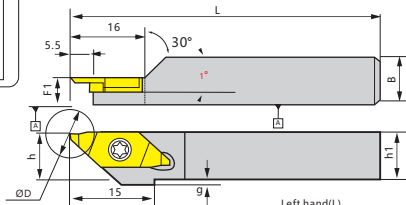
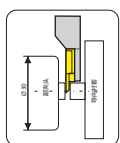


Back axle turning

Type	Stock	Max ØD	dimension(mm)							Inserts	Parts		Order Number	Price (RMB)
			h	b	L	h1	f	g	screw		Wrench			
CTPR 08-SUB	●	12	8	8	120	10		4	CTP-FR(N)(V)(NV) CTP-FR(X)(FRNX) CTPX-FR(N)	M4X5	T15	206200	300	
08J-SUB	●	12	8	8	110	10		4				206202	300	
10F-SUB	●	12	10	10	80	10	5.5	2				206204	300	
10KX-SUB	●	12	10	10	120	10		2				206206	300	
12GX-SUB	●	12	12	12	85	12		0				206208	300	
12-SUB	●	12	12	12	120	12		0				206210	300	
CTPL 08-SUB	●	12	8	8	120	8		4				CTP-FLK CTP-FLV CTP-FLN CTP-FLN CTP-FLN	M4X5	T15
08J-SUB	●	12	8	8	110	8	5.5	2	206214	300				
10GX-SUB	●	12	10	10	85	10		2	206216	300				
12GX-SUB	●	12	12	12	85	12		0	206218	300				
CTPAR10GX-SUB	●	16	10	10	85	10		2	CTPA-FR(N)(V)(NV) CTPA-FR(N)	M4X5	T15	206220	400	
12GX-SUB	●	16	12	12	85	12	0.0	0				206222	400	
12KX-SUB	●	16	12	12	120	12		0				206224	400	
CTPAL10GX-SUB	●	16	10	10	85	10		2	CTPA-FLN(X)(V)(NV) CTPA-FLN(X)	M4X5	T15	206226	400	
12GX-SUB	●	16	12	12	85	12	5.5	0				206228	400	
12KX-SUB	●	16	12	12	120	12		0				206230	400	
16GX-SUB	●	16	16	16	85	16		0				206232	400	

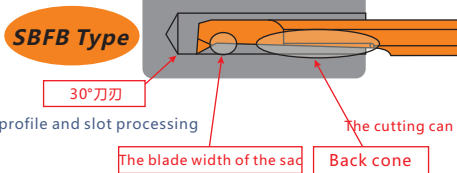
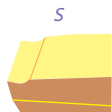
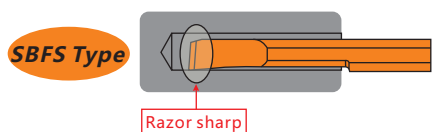
CTPL-SUB Type

Inserts : A29-A30
Parts : P01



Boring

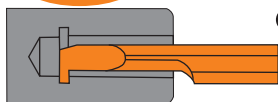
- Minimum machining diameter $\phi 2.2 \sim$
- Strengthened "SBFS Type" and "SBFB Type" Standard for two products Stock
- Blade angle R have R0.05 and R0.15



Can be used to profile and slot processing
The cutting can be removed from the opposite direction
Good cutting treatment
Scratch of workpiece
The cutting can be removed from the opposite direction to strengthen the rigidity of the root

Grooving

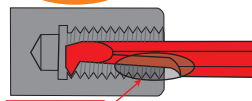
SBG Type



- Minimum diameter $\phi 3 \sim$
- Width of reinforcement 0.5/0.75/1.0/1.5mm Standard product Stock

Threading

SBT Type

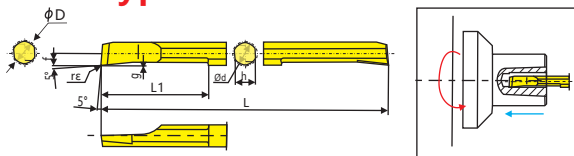


- Minimum thread M4~
- Minimum thread pitch 0.5~
- Bold roots, increase rigidity

Strengthen the rigidity of the root

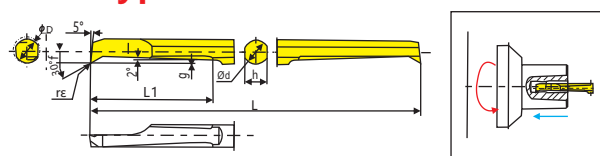
SBFS Type

Cutting Parameters: R02



SBFB Type

Cutting Parameters: R02

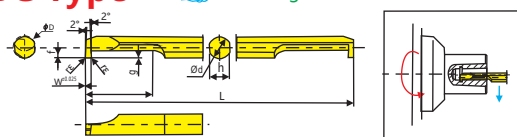


Inserts Type Ordering code	Min (mm) D	Dimensions								Order Number	Price (RMB)
		ϕd	L	L1	f	h	g	r	Stock		
SBFS 020R005S	2.2	2	50	10	0.9	1.8	0.25	0.05	●	207100	360
030R005S	3.2	3	50	15	1.4	2.7	0.40	0.05	●	207102	360
030R015S	3.2	3	50	15	1.4	2.7	0.40	0.15	●	207104	360
040R005S	4.2	4	60	20	1.9	3.6	0.45	0.05	●	207106	360
040R015S	4.2	4	60	20	1.9	3.6	0.45	0.15	●	207108	360
050R005S	5.2	5	70	25	2.4	4.5	0.50	0.05	●	207110	360
050R015S	5.2	5	70	25	2.4	4.5	0.50	0.15	●	207112	360

Inserts Type Ordering code	Min (mm) D	Dimensions								Order Number	Price (RMB)
		ϕd	L	L1	f	h	g	r	Stock		
SBFB 020R005F	2.2	2	50	10	0.9	1.8	0.25	0.05	●	207300	410
030R005F	3.2	3	50	15	1.4	2.7	0.40	0.05	●	207302	410
030R015F	3.2	3	50	15	1.4	2.7	0.40	0.15	●	207304	410
040R005F	4.2	4	60	20	1.9	3.6	0.45	0.05	●	207306	410
040R015F	4.2	4	60	20	1.9	3.6	0.45	0.15	●	207308	410
050R005F	5.2	5	70	25	2.4	4.5	0.50	0.05	●	207310	410
050R015F	5.2	5	70	25	2.4	4.5	0.50	0.15	●	207312	410

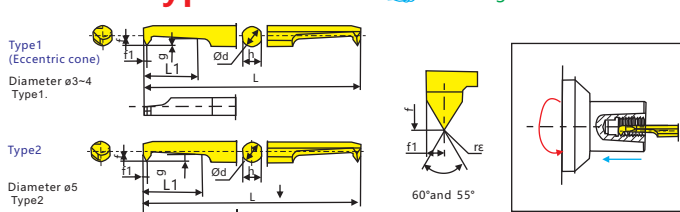
SBG Type

Cutting Parameters: R02



SBT Type

Cutting Parameters: R02



Inserts Type Ordering code	Min (mm) D	Dimensions								Order Number	Price (RMB)	
		W	ϕd	L1	g	L	f	h	r			Stock
SBG 030050RB	3	0.50	3	9	0.8	50	1.3	2.7	0.05	●	207200	500
030075RB		0.75								●	207202	500
030100RB		1.00								●	207204	500
040050RB	4	0.50	4	12	1.0	60	1.8	3.6	0.05	●	207206	500
040075RB		0.75								●	207208	500
040100RB		1.00								●	207210	500
050050RB	5	0.50	5	20	1.2	70	2.3	4.5	0.05	●	207212	500
050100RB		1.00								●	207214	500
050150RB		1.50								●	207216	500

Inserts Type Ordering code	Min (mm) D	Dimensions								Machinable range Metric		Recommended Metric		Order Number	Price (RMB)		
		ϕd	L1	g	L	f	f1	h	r	Normal value of Pitch	Normal value of Pitch	Normal value of Pitch	Normal value of Pitch				
SBT 030M4RB	3.0	3.0	7.5	0.8	50	1.3	0.5	2.7	0.05	M4	1.5-1.5	No.3-12 UNC	3-12	MAX0.7	No.3-12UNC	207400	500
035M5RB	3.5	3.5	8.5	1.0	60	1.55	0.55	3.2	0.05	M4.5	1.5-1.5	No.10-24 UNC	10-24	MEX0.8	No.10-24UNC	207402	500
040M6RB	4.0	4.0	10.5	1.2	60	1.8	0.7	3.6	0.05	M5	1.5-1.5	No.12-24 UNC	12-24	MEX1.0	1/4-20UNC	207404	500
050M8RB	5.0	5.0	15.8	1.5	70	2.3	0.8	4.5	0.05	M7	1.5-1.5	1/4-28 UNF	28-28	MEX1.25	5/16-28UNC	207406	500



The whole body of small diameter groove cutting HPG Type/PSG-S Type

● Inserts dimensions

HPG Type (Small diameter groove cutting)

Right hand direction(R)

Type	Min φA	dimensions (mm)										PVD		carbide	
		W ^{+0.03}	rε	φD	H	L1	L2	L3	L4	F	T	PR930		KW10	
												R	L	R	L
HPG % 0404-10	4	1	0.05	4	3.35	60	15	8	0	3.65	1	●	●	●	●
HPG % 0404-20		2										●	●	●	●
HPG % 0505-10	5	1		5	4.3	70	20	10	0	4.55	1.5	●	●	●	●
HPG % 0505-20		2										●	●	●	●
HPG % 0606-10	6	1		6	5.2	80	25	10	0	5.5	2	●	●	●	●
HPG % 0606-20		2										●	●	●	●
HPG % 0707-10	7	1		7	6.2	80	25	10	0	6.45	2	●	●	●	●
HPG % 0707-20		2										●	●	●	●

* dimensions T: Indicates the depth of processing

● Integral Type tool / suitable sleeve Type No.

◆ Recommended cutting conditions

Integral Type tool Type	Applicable sleeve ● M28-M30	Processed material	Recommended Inserts material (cutting speed m/min)		HPG % 04 HPG % 05	HPG % 06 HPG % 07	Note.
			PVD	carbide			
			PR930	KW10	Feed quantityf (mm/rev)		
HPG % 0404-..	SHB-1604,D20-T04	Carbon steel / alloy steel	★ 30~100	-	~0.03	~0.05	
HPG % 0505-..	SHB-1605,D20-T05	Stainless steel	★ 30~80	-	~0.02	~0.03	
HPG % 0606-..	SHB-1606,D20-T06	nonferrous metal	-	★ ~300	~0.05	~0.08	
HPG % 0707-..	SHB-1607,D20-T07						

★: First recommendation

PSG-S Type (Integral Type tool)

Right hand direction(R)

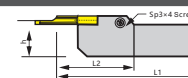
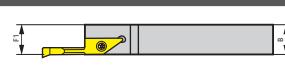
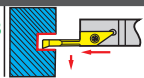
● Inserts dimensions

Type	Min φA	dimensions (mm)										PVD		carbide		The page reference for sleeve
		W ^{+0.03}	C	φD	H	L1	L2	L3	L4	F	T	PR930	KW10			
PSG % 0510-60S	5	1.0	0.05	3.8	3.6	60	15	8	0.1	1.86	1.5	□	□	M28-M30		
		2.0	0.1									□	□			
0610-70S	6	1.0	0.05	4.8	4.4	70	20	8	0.3	2.36	2.0	□	□			
0620-70S		2.0	0.1									□	□			
0710-70S	7	1.0	0.05	5.8	5.2	70	20	10	0.3	2.86	2.0	□	□			
0720-70S		2.0	0.1									□	□			
0810-80S	8	1.0	0.05	6.8	6.2	80	25	10	0.3	3.38	2.0	□	□			
0820-80S		2.0	0.1									□	□			

* dimensions T: Indicates the depth of processing
L4 dimensions The higher the height of the center said

SVN Type Small diameter hole machining

Inserts : A38
Parts : P01

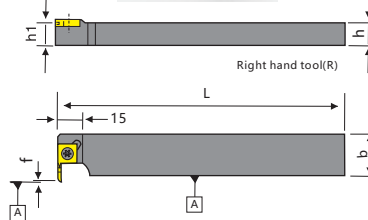
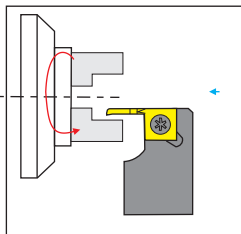


Type Ordering code	Dimensions						Inserts	Wrench	Screw	Stock	Order Number	Price (RMB)
	H1=h	B	L1	L2	T	F1						
SVNR 1010H12N	10	10	100	22		10	VNBR..	T10	M3x8	●	207500	200
1212K-12N	12	12	125	22		12	VNBTR..			●	207502	200
1616K-12N	16	16	125	22		16	VNGR..			●	207504	180
2020K-12N	20	20	125	22		20	VNFR..			●	207506	200
2525M-12N	25	25	150	22		25	VNTR..			●	207508	260

Round handle hole Type bar custom please contact.

LBMA Type

Cutting Parameters:R02



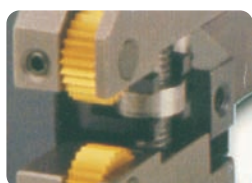
Inserts Type	Min	Depth	rε	Stock	Order Number	Price (RMB)
LBMD1020FLVB5	1.0	2.0	0.00	●	207700	300
LBMD1020FLPB05S	1.0	2.0	0.05	●	207702	300
LBMD1430FLVB5	1.4	3.0	0.00	●	207704	300
LBMD1430FLPB05S	1.4	3.0	0.05	●	207706	300
LBMD1730FLVB5	1.7	3.0	0.00	●	207708	300
LBMD1730FLPB05S	1.7	3.0	0.05	●	207710	300
LBMD2035FLVB5	2.0	3.5	0.00	●	207712	300
LBMD2035FLPB05S	2.0	3.5	0.05	●	207714	300
LBMD2335FLVB5	2.3	3.5	0.00	●	207716	300
LBMD2335FLPB05S	2.3	3.5	0.05	●	207718	300

Inserts Type	Min	Depth	rε	Stock	Order Number	Price (RMB)
LBMD1020FLVB	1.0	2.0	0.00	●	207800	360
LBMD1020FLPB05	1.0	2.0	0.05	●	207802	360
LBMD2060FLVB	2.0	6.0	0.00	●	207804	360
LBMD2060FLPB05	2.0	6.0	0.05	●	207806	360
LBME2060FLV	2.0	6.0	0.00	●	207808	360
LBME2060FLP05	2.0	6.0	0.05	●	207810	360
LBME2060FLVB	2.0	6.0	0.00	●	207812	360
LBME2060FLPB05	2.0	6.0	0.05	●	207814	360
LBMC3080FLV	3.0	8.0	0.00	●	207816	360
LBMC3080FLP05	3.0	8.0	0.05	●	207818	360
LBMC3080FLVB	3.0	8.0	0.00	●	207820	360
LBMC3080FLPB05	3.0	8.0	0.05	●	207822	360
LBMC3080FLVB	3.0	8.0	0.00	●	207824	360
LBMC3080FLPB05	3.0	8.0	0.05	●	207826	360

Type	Stock	dimension(mm)					Inserts	Parts screw	Wrench	Order Number	Price (RMB)
		h1	h	b	L	f					
LBMAR 10SGX	●	10	10	10	10	LBMD-S Type	M4.0X10	T15	207600	400	
	●	10	10	10	10				207602	400	
	●	12	12	12	12				207604	400	
LBMAR 08	●	8	8	8	8	LBMD(S)3080 LBMD(E)2060 LBMD1020	M4.0X10	T15	207606	400	
	●	10	10	10	10				207608	400	
	●	10	10	10	10				207610	400	
	●	12	12	12	12				207612	400	
LBMAR 16	●	16	16	16	16				207614	400	



Knurling tool series



Smooth Ailide Tooth Angle 90°											Stock	Order Number	Price (RMB)
Series Size dimensions	Pitch	AA lines	BL 30 Left twill	BR 30 Right twill	BL 45 Left twill	BR 45 Right twill	GE 30 Convex mesh	GV 30 Concave reticulate	GE 45 Convex mesh	GV 45 Concave reticulate			
*MB*series External:10mm Thickness:3mm Aperture:4mm 材料:Hi-Co	0.3mm	MBSX0.3	---	---	MBCX0.3	MBDX0.3	---	---	---	MBGX0.3	●	208100	
	0.4mm	MBSX0.4	---	---	MBCX0.4	MBDX0.4	---	---	---	MBGX0.4	●	208102	
	0.5mm	MBSX0.5	---	---	MBCX0.5	MBDX0.5	---	---	---	MBGX0.5	●	208104	
	0.6mm	MBSX0.6	---	---	MBCX0.6	MBDX0.6	---	---	---	MBGX0.6	●	208106	
	0.7mm	MBSX0.7	---	---	MBCX0.7	MBDX0.7	---	---	---	MBGX0.7	●	208108	
	0.8mm	MBSX0.8	---	---	MBCX0.8	MBDX0.8	---	---	---	MBGX0.8	●	208110	
	0.9mm	MBSX0.9	---	---	MBCX0.9	MBDX0.9	---	---	---	MBGX0.9	●	208112	
	1.0mm	MBSX1.0	---	---	MBCX1.0	MBDX1.0	---	---	---	MBGX1.0	●	208114	
*MM*series External:10mm Thickness:4mm Aperture:4mm	0.2mm	MMS-0.2									●	208116	
	0.3mm	MMS-0.3	MML-0.3	MMR-0.3	MMC-0.3	MMD-0.3	---	---	---	MMG-0.3	●	208118	
	0.4mm	MMS-0.4	MML-0.4	MMR-0.4	MMC-0.4	MMD-0.4	---	---	---	MMG-0.4	●	208120	
	0.5mm	MMS-0.5	MML-0.5	MMR-0.5	MMC-0.5	MMD-0.5	---	MMF-0.5	---	MMG-0.5	●	208122	
	0.6mm	MMS-0.6	MML-0.6	MMR-0.6	MMC-0.6	MMD-0.6	---	MMF-0.6	---	MMG-0.6	●	208124	
	0.7mm	MMS-0.7	MML-0.7	MMR-0.7	MMC-0.7	MMD-0.7	---	MMF-0.7	MMN-0.7	MMG-0.7	●	208126	
	0.8mm	MMS-0.8	MML-0.8	MMR-0.8	MMC-0.8	MMD-0.8	---	---	---	MMG-0.8	●	208128	
	0.9mm	MMS-0.9	---	---	MMC-0.9	MMD-0.9	---	---	MMN-0.9	MMG-0.9	●	208130	
	1.0mm	MMS-1.0	MML-1.0	MMR-1.0	MMC-1.0	MMD-1.0	---	---	---	MMG-1.0	●	208132	
	1.1mm	---	---	---	---	---	---	---	---	---	●	208134	
1.2mm	MMS-1.2	MML-1.2	MMR-1.2	MMC-1.2	MMD-1.2	---	---	---	---	●	208136		
*MN*series External:10mm Thickness:4mm Aperture:4mm	0.3mm	MNS-0.3	MNL-0.3	MNR-0.3	MNC-0.3	MND-0.3	---	---	---	MNG-0.3	●	208138	
	0.4mm	MNS-0.4	MNL-0.4	MNR-0.4	MNC-0.4	MND-0.4	---	---	---	MNG-0.4	●	208140	
	0.5mm	MNS-0.5	MNL-0.5	MNR-0.5	MNC-0.5	MND-0.5	---	---	---	MNG-0.5	●	208142	
	0.6mm	MNS-0.6	MNL-0.6	MNR-0.6	MNC-0.6	MND-0.6	---	---	---	MNG-0.6	●	208144	
	0.7mm	MNS-0.7	MNL-0.7	MNR-0.7	MNC-0.7	MND-0.7	---	---	---	MNG-0.7	●	208146	
	0.8mm	MNS-0.8	MNL-0.8	MNR-0.8	MNC-0.8	MND-0.8	---	---	---	MNG-0.8	●	208148	
	0.9mm	MNS-0.9	MNL-0.9	MNR-0.9	MNC-0.9	MND-0.9	---	---	---	MNG-0.9	●	208150	
	1.0mm	MNS-1.0	MNL-1.0	MNR-1.0	MNC-1.0	MND-1.0	---	---	---	MNG-1.0	●	208152	
	1.2mm	MNS-1.2	MNL-1.2	MNR-1.2	MNC-1.2	MND-1.2	---	---	---	MNG-1.2	●	208154	
	1.5mm	MNS-1.5	MNL-1.5	MNR-1.5	MNC-1.5	MND-1.5	---	---	---	---	●	208156	
*MQ*series External:15mm Thickness:6mm Aperture:4mm	0.3mm	MQS-0.3	QQL-0.3	QQR-0.3	QQC-0.3	QQD-0.3	MQM-0.3	MQF-0.3	---	MQG-0.3	●	208158	
	0.4mm	MQS-0.4	QQL-0.4	QQR-0.4	QQC-0.4	QQD-0.4	---	MQF-0.4	---	MQG-0.4	●	208160	
	0.5mm	MQS-0.5	QQL-0.5	QQR-0.5	QQC-0.5	QQD-0.5	MQM-0.5	MQF-0.5	MQN-0.5	MQG-0.5	●	208162	
	0.6mm	MQS-0.6	QQL-0.6	QQR-0.6	QQC-0.6	QQD-0.6	MQM-0.6	MQF-0.6	MQN-0.6	MQG-0.6	●	208164	
	0.7mm	MQS-0.7	QQL-0.7	QQR-0.7	QQC-0.7	QQD-0.7	---	---	---	MQG-0.7	●	208166	
	0.8mm	MQS-0.8	QQL-0.8	QQR-0.8	QQC-0.8	QQD-0.8	---	MQF-0.8	MQN-0.8	MQG-0.8	●	208168	
	0.9mm	MQS-0.9	---	---	QQC-0.9	QQD-0.9	---	---	---	MQG-0.9	●	208170	
	1.0mm	MQS-1.0	QQL-1.0	QQR-1.0	QQC-1.0	QQD-1.0	---	MQF-1.0	MQN-1.0	MQG-1.0	●	208172	
	1.2mm	MQS-1.2	QQL-1.2	QQR-1.2	QQC-1.2	QQD-1.2	---	MQF-1.2	MQN-1.2	MQG-1.2	●	208174	
	1.5mm	MQS-1.5	QQL-1.5	QQR-1.5	QQC-1.5	QQD-1.5	---	---	---	---	●	208176	



Knurling tool series

Turning Pattern Processing,
Pressure Pattern Processing

Smooth Ailide Tooth Angle 90°											Stock	Order Number	Price (RMB)	
	Series Size dimensions	Pitch	AA	BL 30	BR 30	BL 45	BR 45	GE 30	GV 30	GE 45				GV 45
			Straight lines	Left twill	Right twill	Left twill	Right twill	Convex mesh	Concave reticulate	Convex mesh				Concave reticulate
MR*series External:20mm Thickness:6mm Aperture:6mm	0.4mm	MRS-0.4	MRL-0.4	MRR-0.4	---	---	---	---	---	---	●	208500		
	0.5mm	MRS-0.5	MRL-0.5	MRR-0.5	---	---	---	---	---	---	●	208502		
	0.6mm	MRS-0.6	MRL-0.6	MRR-0.6	---	---	---	---	---	---	●	208504		
	0.7mm	MRS-0.7	---	---	---	---	---	---	---	---	●	208506		
	0.8mm	MRS-0.8	MRL-0.8	MRR-0.8	---	---	---	---	---	---	●	208508		
	0.9mm	MRS-0.9	---	---	---	---	---	---	---	---	●	208510		
	1.0mm	MRS-1.0	MRL-1.0	MRR-1.0	---	---	---	---	---	---	●	208512		
	1.1mm	MRS-1.1	---	---	---	---	---	---	---	---	●	208514		
	1.2mm	MRS-1.2	MRL-1.2	MRR-1.2	---	---	---	---	---	---	●	208516		
	1.3mm	MRS-1.3	---	---	---	---	---	---	---	---	●	208518		
	1.4mm	MRS-1.4	---	---	---	---	---	---	---	---	●	208520		
	1.5mm	MRS-1.5	MRL-1.5	MRR-1.5	---	---	---	---	---	---	●	208522		
	2.0mm	MRS-2.0	MRL-2.0	MRR-2.0	---	---	---	---	---	---	●	208524		
	*MS*series External:20mm Thickness:8mm Aperture:6mm	0.2mm	MMS-0.2	---	---	---	---	---	---	---	---	●	208526	
		0.3mm	MMS-0.3	---	---	---	---	---	MSF-0.3	---	---	●	208528	
0.4mm		---	---	---	---	---	---	MSF-0.4	---	---	●	208530		
0.5mm		MSS-0.5	MSL-0.5	MSR-0.5	---	---	MSM-0.5	MSF-0.5	---	MSG-0.5	●	208532		
0.6mm		MSS-0.6	MSL-0.6	MSR-0.6	---	---	MSM-0.6	MSF-0.6	---	MSG-0.6	●	208534		
0.7mm		MSS-0.7	---	---	---	---	---	---	---	MSG-0.7	●	208536		
0.8mm		MSS-0.8	MSL-0.8	MSR-0.8	---	---	MSM-0.8	MSF-0.8	---	MSG-0.8	●	208538		
1.0mm		MSS-0.9	MSL-1.0	MSR-1.0	---	---	MSM-1.0	MSF-1.0	---	---	●	208540		
1.2mm		MSS-1.0	MSL-1.2	MSR-1.2	---	---	MSM-1.2	MSF-1.2	---	---	●	208542		
1.5mm		MSS-1.2	MSL-1.5	MSR-1.5	---	---	MSM-1.5	MSF-1.5	---	---	●	208544		
2.0mm	MSS-2.0	---	---	---	---	---	---	---	---	●	208546			
*MU*series External:20mm Thickness:10mm Aperture:6mm Material:Hi-Co	0.3mm	---	---	---	---	---	---	MUF0.3	---	MUG0.3	●	208548		
	0.4mm	MUS-0.4	---	---	---	---	---	MUF0.4	---	MUG0.4	●	208550		
	0.5mm	MUS-0.5	---	---	---	---	---	MUF0.5	MUN0.5	MUG0.5	●	208552		
	0.6mm	MUS-0.6	---	---	---	---	---	MUF0.6	---	MUG0.6	●	208554		
	0.7mm	MUS-0.7	---	---	---	---	---	MUF0.7	---	MUG0.7	●	208556		
	0.8mm	MUS-0.8	MUL0.8	MUR0.8	MUC0.8	MUD0.8	---	MUF0.8	MUN0.8	MUG0.8	●	208558		
	0.9mm	---	---	---	---	---	---	MUF0.9	---	MUG0.9	●	208560		
	1.0mm	MUS-1.0	MUL1.0	MUR1.0	MUC1.0	MUD1.0	MUM1.0	MUF1.0	MUN1.0	MUG1.0	●	208562		
	1.2mm	MUS-1.2	---	---	---	---	MUM1.2	---	---	MUG1.2	●	208564		
	1.5mm	MUS-1.5	---	---	---	---	MUM1.5	---	MUN1.5	MUG1.5	●	208566		
2.0mm	MUS-2.0	MUL2.0	MUR2.0	---	---	---	---	---	MUG2.0	●	208568			
*MW*series External:25mm Thickness:8mm Aperture:6mm	0.5mm	MWS-0.5	MWL-0.5	MWR-0.5	---	---	---	---	---	---	●	208570		
	0.6mm	MWS-0.6	MWL-0.6	MWR-0.6	---	---	---	---	---	---	●	208572		
	0.8mm	MWS-0.8	MWL-0.8	MWR-0.8	---	---	---	---	---	---	●	208574		
	1.0mm	MWS-1.0	MWL-1.0	MWR-1.0	---	---	---	---	---	---	●	208576		
	1.2mm	MWS-1.2	MWL-1.2	MWR-1.2	---	---	---	---	---	---	●	208578		
	1.5mm	MWS-1.5	MWL-1.5	MWR-1.5	---	---	---	---	---	---	●	208580		
	1.6mm	MWS-1.6	MWL-1.6	MWR-1.6	---	---	---	---	---	---	●	208582		
	2.0mm	MWS-2.0	---	---	---	---	---	---	---	---	●	208584		



WEB:<http://www.borte.com.cn>

Automatic welding tool

Product prefix : ZDCDM

150mm			Carbide dimensions : 3X3X22X5R 4X4X22X5R
8X8 (108R-Right)	Circle Turning tool		15 Type/20 Type Automatic lathe for special handle 8X8X150mm
8X8 (108L-Left)	Circle Turning tool		
8X8 (208R-Right)	Cut-Off		Carbide dimensions : 1.5X3X22X5R 2X3X22X5R 2.5X3X22X5R 3X3X22X5R 15 Type/20 Type Automatic lathe for special handle 8X8X150mm
8X8 (208L-Left)	Cut-Off		
8X8 (308SR-Right)	Flat Turning tool		Carbide dimensions : 3X5X18X5R 15 Type/20 Type Automatic lathe for special handle 8X8X150mm
8X8 (308SL-Left)	Flat Turning tool		
8X8 (308SR-Right)	Flat Turning tool		Carbide dimensions : 3X6X18X5R 15 Type/20 Type Automatic lathe for special handle 8X8X150mm
8X8 (308SL-Right)	Flat Turning tool		
8X8 (308S)	Flat Turning tool		Carbide dimensions : 3X8X18 15 Type/20 Type Automatic lathe for special handle 8X8X150mm
8X8 (408R-Right)	Hook Turning tool		Carbide dimensions : 3X3X18X5R 4X4X22X5R 15 Type/20 Type Automatic lathe for special handle 8X8X150mm
8X8 (408L-Left)	Hook Turning tool		
9.5X9.5 (195R-Right)	Circle Turning tool		Carbide dimensions : 3X3X18X5R 4X4X22X5R 25 Type Automatic lathe for special handle 9.5X9.5X150mm
9.5X9.5 (195L-Left)	Circle Turning tool		
12.7X12.7 (112.7R-Right)	Circle Turning tool		Carbide dimensions : 3X3X18X5R 4X4X22X5R 25 Type Automatic lathe for special handle 9.5X9.5X150mm
12.7X12.7 (112.7L-Left)	Circle Turning tool		
110mm			Carbide dimensions : 3X3X22X5R 4X4X22X5R
10X10 (110R-Right)	Circle Turning tool		Carbide dimensions : 3X3X22X5R 2.5X3X22X5R 3X3X22X5R
10X10 (210R-Right)	Cut-Off		
10X10 (310S-Right)	Flat Turning tool		Carbide dimensions : 3X10X18
12X12 (112R-Right)	Circle Turning tool		Carbide dimensions : 3X3X22X5R 4X4X22X5R
12X12 (212R-Right)	Cut-Off		Carbide dimensions : 2X3X22X5R 2.5X3X22X5R 3X3X22X5R
12X12 (312S-Right)	Flat Turning tool		Carbide dimensions : 3X12X18
16X16 (116R-Right)	Circle Turning tool		Carbide dimensions : 3X3X22X5R 4X4X22X5R
16X16 (216R-Right)	Circle Turning tool		Carbide dimensions : 2.5X3X22X5R 3X3X22X5R 4X4X22X5R
16X16 (316S-Right)	Flat Turning tool		Carbide dimensions : 3X16X18
20X20 (120R-Right)	Circle Turning tool		Carbide dimensions : 3X3X22X5R 4X4X22X5R
20X20 (220R-Right)	Cut-Off		Carbide dimensions : 2.5X3X22X5R 3X3X22X5R 4X4X22X5R
20X20 (320R-Right)	Flat Turning tool		Carbide dimensions : 3X20X18

常用材质表

Carbide	performance			Processing range
	Density G/cm ³	Hardness HRA	TRS N/mm ²	
UF20	14.2	91.5	2500	Ultra - fine alloy, wide versatility, suitable for processing fast cutting iron, non-ferrous metals, medium carbon steel, stainless steel and other materials
K10	13.5	92.5	1850	Ultra - fine alloy, suitable for processing fast cutting iron, non-ferrous metals, medium carbon steel, stainless steel and other materials
K01	14.5	93	1620	Ultra fine alloy, suitable for processing environmental protection Type fast cutting iron, quenching steel, non-ferrous metals, medium carbon steel, stainless steel and other materials

Automatic lathe | Welding Tool, Chuck

CNC automatic lathe collet series

Automatic, CNC lathe systematization

H42C, BC36-BC42, H45C,
F45C, F48C, NK60, BC75

Special fixture series



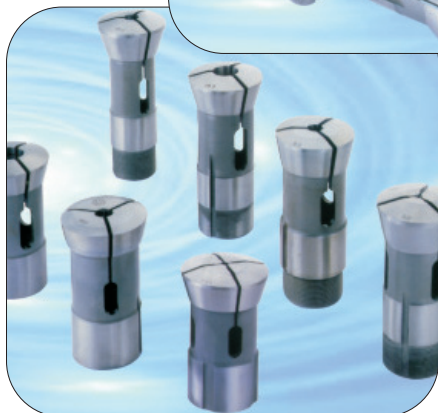
Table lathe, automatic lathe series
E25A, E25C(5C), F6125, NC7025



Table lathe,
automatic lathe series
1515A, 1525F,
2025A, 0620F

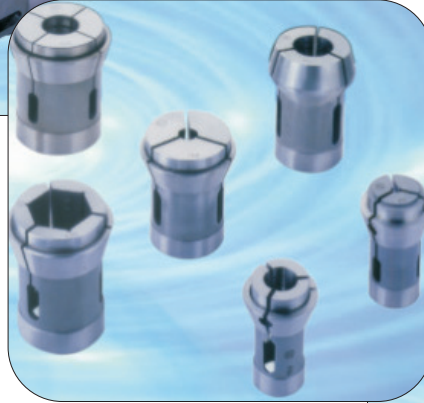


Automatic lathe,
CNC lathe series
E3225, A32B,
E32C, F6130,
C6032, B6132



Automatic lathe, numerical control lathe series

F6135, C6140,
CK6142, M42A,
F42C, M45, F52C



Walking machine series guide sleeve chuck

NOMURA,
WANGZHU,
TSUGAMI,
NINGIANG,
MIYANO



Brand machine tool accessories
Technical assistance!!!
Non-standard custom

Micro Type combination machine series

