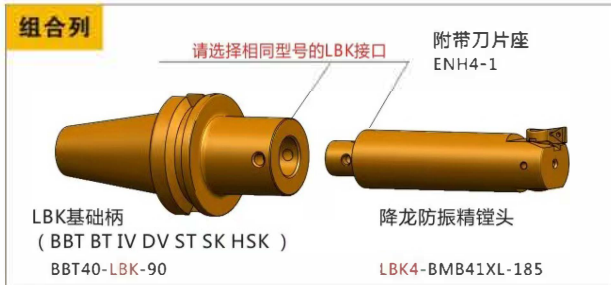


Антивибрационные штанги

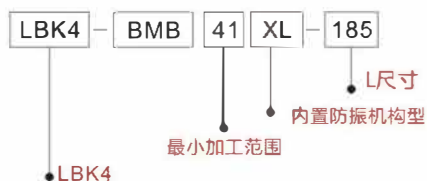
加工范围:16~160mm	长度:156~3000mm
规格	倍径
TC11-C10-140无出水	10
TC13-C12-160无出水	10
TC15-C14-180无出水	10
WT16-C16-160	7
WT16-C16-210S	10
WT20-C20-200	7
WT20-C20-260S	10
WT25-C25-255	7
WT25-C25-330	10
WT32-C32-320	7
WT32-C32-416	10
WT40-C40-408	7
WT40-C40-528	10
WT40-C50-518	7
WT40-C50-668	10
WT40-C60-628	7
WT40-C60-808	10
WT40-C80-880	7
WT40-C80-1200	10



Демпферная головко для тонкого расточивания



■ 型号说明



中心内冷



型号	对应基础柄 LBK No.	刀片座	加工范围ΦD	ΦD1	L	质量 (Kg)	对应刀片
LBK1-BMB20XL-100	LBK1	ENH-1	20-26	19	100	0.3	TP08
		ENH-2	25-31				
		ENH1-3	30-36				
LBK2-BMB25XL-125	LBK2	ENH2-1	25-33	24	125	0.6	
		ENH3-1	32-40				
		ENH4-1	39-47				
LBK3-BMB32XL-160	LBK3	ENH3-1	32-42	29	160	1.2	
		ENH3-2	41-57				
		ENH3-3	50-60				
LBK4-BMB41XL-185	LBK4	ENH4-1	41~54	39	185	2.3	
		ENH4-2	50~63				
		ENH4-3	61~74				
LBK5-BMB53XL-210	LBK5	ENH5-1	53~70	50	210	4.4	
		ENH5-2	65~82				
		ENH5-3	78~95				
LBK6-BMB68XL-240	LBK6	ENH6-1	68~100	64	240	8.3	
		ENH6-2	94~126				
		ENH6-3	118~150				
LBK6-BMB100XL-240	LBK6	ENH6-1	100~153	64	240	8.8	
		ENH6-2	126~179				
		ENH6-3	150~203				
LBK7-BMB100XL-240	LBK7	ENH6-1	100~153	90	240	16.4	
		ENH6-2	126~179				
		ENH6-3	150~203				

- 1.最大最小加工直径是刀片的刀尖半径R为0.4时的值。
- 2.附带ENH●-1刀片座，ENH●-2，3请另行订购。
- 3.不附带刀片。

● 通过更换刀片座可扩大加工范围

例) LBK4-BMB41 XL-200

附件	另售品	另售品
ENH4-1	ENH4-2	ENH4-3
Φ41-Φ54	Φ50-Φ63	Φ61-Φ74

LBK 镗刀系统

LBK BORING SYSTEM

中心内冷

- 内置防振机构
- 加工范围：Φ20~Φ164
- 降龙防振RB粗镗头。

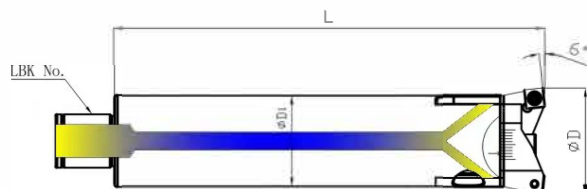
降龙防振系列中，防振一体型RB粗镗头震撼登场。



型号说明

LBK4 - RBC 40 XL - 190

LBK No. 内置防振机构型 L尺寸
最小加工范围



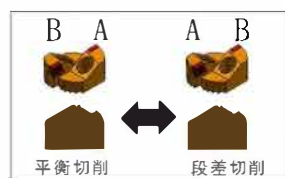
通孔用A型

平衡切削
仅对应平衡切削。

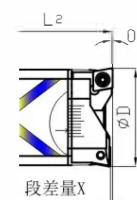
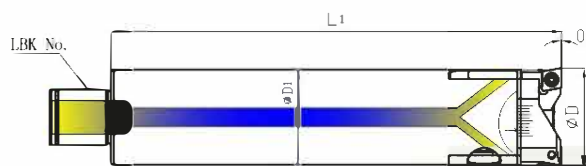
● 通孔用A型（刀片的4个刀尖均可使用）

加工范围 ΦD	镗头型号	对应基础 柄CK No.	对应刀片座	对应刀片	ΦD ₁	L	质量 (kg)
20~25	LBK1 RBS20XL-105	LBK1	RBS2025A	SC06	19	105	0.3
25~35	LBK2 RBS25XL-130	LBK2	RBS2535A		24	130	0.6
32~45	LBK3 RBS32XL-165	LBK3	RBS3245A		31	165	1.2
40~50	LBK4 RBS40XL-190	LBK4	RBS4055A	SC09	39	190	2.3
52~75	LBK5 RBS52XL-220	LBK5	RBS5275A		50	220	4.4
68~92	LBK6 RBS68XL-245	LBK6	RBS6895A		64	245	8.3
90~122	LBK6 RBS90XL-245	LBK6	RBS90122A	SC12	64	245	8.8
120~164	LBK7 RBS120XL-245	LBK7	RBS122-164A		88	245	16.4

请参阅下表中的备注。



只需调换标准刀片座，即可对应平衡切削和段差切削。（盲孔用）



● 盲孔用E型（对应镗面加工）

盲孔用E型 平衡切削

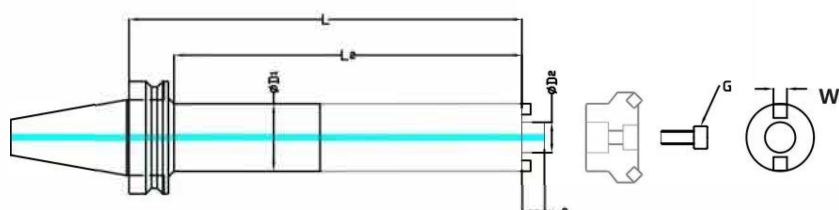
段差切削

加工范围 ΦD	镗头型号	对应基础 柄CK No.	对应刀片座	对应刀片	ΦD ₁	L	质量 (kg)
20~25	LBK1 RBC20XL-105	LBK1	RBC2025E	CC06	19	105	0.3
25~35	LBK2 RBC25XL-130	LBK2	RBC2535E		24	130	0.6
32~45	LBK3 RBC32XL-165	LBK3	RBC3245E		31	165	1.2
40~50	LBK4 RBC40XL-190	LBK4	RBC4055E	CC09	39	190	2.3
52~75	LBK5 RBC52XL-220	LBK5	RBC5275E		50	220	4.4
68~92	LBK6 RBC68XL-245	LBK6	RBC6895E		64	245	8.3
90~122	LBK6 RBC90XL-245	LBK6	RBC90122E	CC12	64	245	8.8
120~164	LBK7 RBC120XL-245	LBK7	RBC122-164E		88	245	16.4

发挥刀盘原有的加工能力;
实现高速, 高效率加工。
* FMB22XL / FMB27XL用,
* 多种规格长度任选。

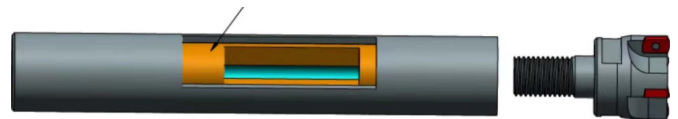


■ 型号说明

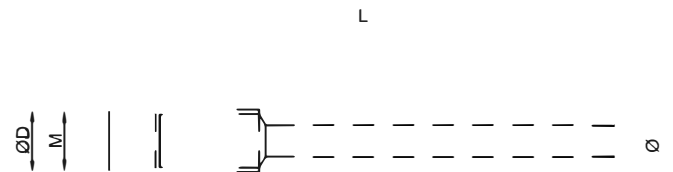


型 号	L	L2	D1	D2	W	G	L3				
Bt50 47FMB22XL-250	250	210	47	22	10	M10	18				
BT50 47FMB22XL-300	300	260									
BT50 47FMB22XL-350	350	310									
BT50 47FMB22XL-400	400	360									
BT50 60FMB22XL-250	250	210	60					27	12	M12	20
BT50 60FMB22XL-300	300	260									
BT50 60FMB22XL-350	350	310									
BT50 60FMB22XL-400	400	360									
BT50 60FMB22XL-450	450	410									
BT50 60FMB27XL-250	250	210									
BT50 60FMB27XL-300	300	260									
BT50 60FMB27XL-350	350	310									
BT50 60FMB27XL-400	400	360									
BT50 60FMB27XL-450	450	410	76	27	12	M12	20				
BT50 76FMB27XL-250	250	210									
BT50 76FMB27XL-300	300	260									
BT50 76FMB27XL-350	350	310									
BT50 76FMB27XL-400	400	360						27	12	M12	20
BT50 76FMB27XL-450	450	410									

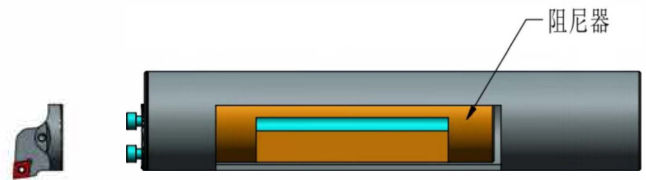
型 号	d	L	M	D
C16-100-M8	16	100	M8	8.5
C16-150-M8		150		
C16-200-M8		200		
C16-250-M8		250		
C19-100-M10	19	100	M10	10.5
C19-150-M10		150		
C19-200-M10		200		
SC19-250-M10		250		
SC19-300-M10	20	300	M10	10.5
C20-100-M10		100		
C20-150-M10		150		
C20-200-M10		200		
SC20-250-M10	24	250	M12	12.5
SC20-300-M10		300		
SC20-350-M10		350		
C24-100-M12		100		
C24-150-M12	24	150	M12	12.5
C24-200-M12		200		
C24-250-M12		250		
C24-300-M12		300		
C24-350-M12	25	350	M12	12.5
C25-100-M12		100		
C25-150-M12		150		
C25-200-M12		200		
C25-250-M12	32	250	M16	17
SC25-300-M12		300		
SC25-350-M12		350		
C32-100-M16		100		
C32-150-M16	32	150	M16	17
C32-200-M16		200		
C32-250-M16		250		
C32-300-M16		300		
C32-350-M16	40	350	M16	17
C32-400-M16		400		
C32-450-M16		450		
C40-300-M16		300		
C40-350-M16	40	350	M16	17
C40-400-M16		400		
C40-450-M16		450		



■ 型号说明



型 号	d	L	G	适配刀头
WT16 C16-156	16	156	G1/8	WT16
WT16 C16-204		204		
WT20 C20-200	20	200	G1/4	WT20
WT20 C20-260		260		
WT20 C20-320S		320		
WT25 C25-255	25	255		WT25
WT25 C25-330		330		
WT25 C25-380S		380		
WT25 C25-430S		430		
WT32 C32-320	32	320	G3/8	WT32
WT32 C32-416		416		
WT32 C32-480S		480		
WT32 C32-544S		544		
WT40 C40-408	40	408	G1/2	WT40
WT40 C40-528		528		
WT40 C40-608S		608		
WT40 C40-688S		688		
WT40 C50-518	50	518		
WT40 C50-668		668		
WT40 C50-768S		768		
WT40 C50-868		868		
WT40 C60-628	60	628	G3/4	
WT40 C60-808		808		
WT40 C60-920		920		
WT40 C60-1040		1040		
WT40 C80-880	80	880		
WT40 C80-1200		1200		
WT40 C80-1400		1400		
WT40 C100-1100	100	1100		
WT40 C100-1500		1500		
WT40 C120-1900	120	1900		
WT40 C130-2000	130	2000		
WT40 C140-2200	140	2200		
WT40 C150-2400	150	2400		
WT40 C160-2600	160	2600		



■ 型号说明

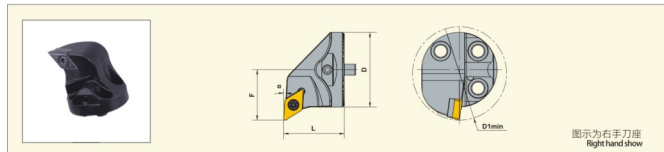


夹持部分为刀杆直径4倍长

DAMPING TURNING TOOL 阻尼减振车刀

阻尼减振车刀刀头 Cartridge for Damping Turning Tool Holder

正型 93° 正镗 Positive Type 93° Boring

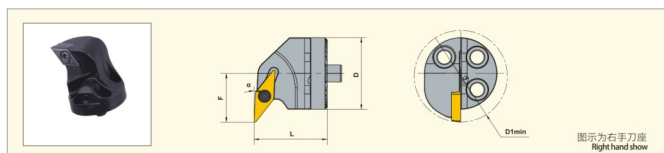


规格型号 Designation	D	D1 min	F	L	α°	Kg	适配刀片 Insert	在庫 Stock
WT16 SDUCR-07	16	20	11	20	3°	0.02	DC. 0702..	☑
WT20 SDUCR-11	20	25	13	20	3°	0.03	DC. 11T3..	☑
WT25 SDUCR-11	25	32	17	20	3°	0.04	DC. 11T3..	☑
WT32 SDUCR-11T	32	40	22	32	3°	0.1	DC. 11T3..	☑
WT40 SDUCR-11T	40	50	27	32	3°	0.2	DC. 11T3..	☑
WT16 SDUCL-07	16	20	11	20	3°	0.02	DC. 0702..	☑
WT20 SDUCL-11	20	25	13	20	3°	0.03	DC. 11T3..	☑
WT25 SDUCL-11	25	32	17	20	3°	0.04	DC. 11T3..	☑
WT32 SDUCL-11T	32	40	22	32	3°	0.1	DC. 11T3..	☑
WT40 SDUCL-11T	40	50	27	32	3°	0.2	DC. 11T3..	☑

备件 Spare Parts

规格型号 Designation	刀片锁紧螺钉 Clamping screw for insert	锁紧扳手 Allen key for clamping	刀垫 Shim	刀垫螺套 Sleeve for shim	刀垫扳手 Allen key for shim	定位销 Locating pin
WT16 ...-07	SR21 M2.5x5.3	KEY02 T7	-	-	-	FT39 D4-3x7
WT20 ...-11	SR21 M4x11	KEY02 T15	-	-	-	FT39 D6-5x8
WT25 ...-11	SR21 M4x11	KEY02 T15	-	-	-	FT39 D6-5x8
WT32 ...-11T	SR21 M4x11	KEY02 T15	ST01 DC11x2.82	SRT M6-M4x6.9	KEY01 M4	FT39 D6-5x11
WT40 ...-11T	SR21 M4x11	KEY02 T15	ST01 DC11x2.82	SRT M6-M4x6.9	KEY01 M4	FT39 D6-5x11

正型 93° 正镗及仿形车 Positive Type 93° Boring and Profile-turning



规格型号 Designation	D	D1 min	F	L	α°	Kg	适配刀片 Insert	在庫 Stock
WT20 SVUCR-11	20	27	16	20	3°	0.02	VC. 1103..	☑
WT25 SVUCR-11	25	31	17	25	3°	0.04	VC. 1103..	☑
WT20 SVUCL-11	20	27	16	20	3°	0.02	VC. 1103..	○
WT25 SVUCL-11	25	31	17	25	3°	0.04	VC. 1103..	○

备件 Spare Parts

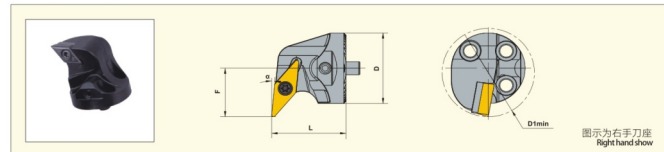
规格型号 Designation	刀片锁紧螺钉 Clamping screw for insert	锁紧扳手 Allen key for clamping	定位销 Locating pin
WT20 ...-11	SR20 M2.5x6	KEY02 T8	FT39 D6-5x8
WT25 ...-11	SR20 M2.5x6	KEY02 T8	FT39 D6-5x9

01

DAMPING TURNING TOOL 阻尼减振车刀

阻尼减振车刀刀头 Cartridge for Damping Turning Tool Holder

正型 95° 正镗及仿形车 Positive Type 95° Boring and Profile-turning

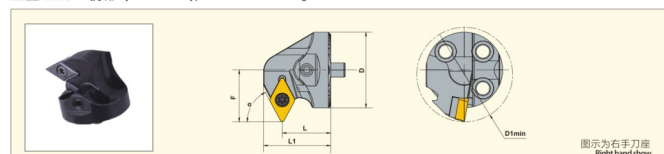


规格型号 Designation	D	D1 min	F	L	α°	Kg	适配刀片 Insert	在庫 Stock
WT32 SVLCR-16T	32	40	22	32	5°	0.1	VC. 1604..	☑
WT40 SVLCR-16T	40	50	27	32	5°	0.15	VC. 1604..	☑
WT32 SVLCL-16T	32	40	22	32	5°	0.1	VC. 1604..	☑
WT40 SVLCL-16T	40	50	27	32	5°	0.15	VC. 1604..	☑

备件 Spare Parts

规格型号 Designation	刀片锁紧螺钉 Clamping screw for insert	锁紧扳手 Allen key for clamping	刀垫 Shim	刀垫螺套 Sleeve for shim	刀垫扳手 Allen key for shim	定位销 Locating pin
WT32 ...-16T	SR21 M4x11	KEY02 T15	ST01 VC16x2.82	SRT M6-M4x6.9	KEY01 M4	FT39 D6-5x11
WT40 ...-16T	SR21 M4x11	KEY02 T15	ST01 VC16x2.82	SRT M6-M4x6.9	KEY01 M4	FT39 D6-5x11

正型 62.5° 仿形车 Positive Type 62.5° Profile-turning



规格型号 Designation	D	D1 min	F	L	L1	α°	Kg	适配刀片 Insert	在庫 Stock
WT16 SDPCR-07	16	22	13	15	19	62.5°	0.01	DC. 0702..	☑
WT20 SDPCR-07	20	27	15	15	19	62.5°	0.02	DC. 0702..	☑
WT25 SDPCR-07	25	33	18	15	19	62.5°	0.03	DC. 0702..	☑
WT32 SDPCR-11T	32	40	22	20	28	62.5°	0.09	DC. 11T3..	☑
WT40 SDPCR-11T	40	50	27	20	28	62.5°	0.14	DC. 11T3..	☑
WT16 SDPCL-07	16	22	13	15	19	62.5°	0.01	DC. 0702..	☑
WT20 SDPCL-07	20	27	15	15	19	62.5°	0.02	DC. 0702..	☑
WT25 SDPCL-07	25	33	18	15	19	62.5°	0.03	DC. 0702..	☑
WT32 SDPCL-11T	32	40	22	20	28	62.5°	0.09	DC. 11T3..	☑
WT40 SDPCL-11T	40	50	27	20	28	62.5°	0.14	DC. 11T3..	☑

备件 Spare Parts

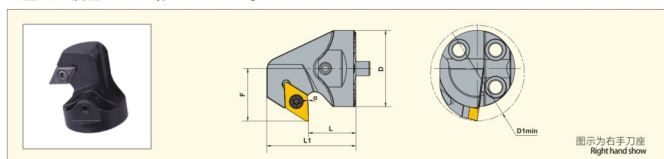
规格型号 Designation	刀片锁紧螺钉 Clamping screw for insert	锁紧扳手 Allen key for clamping	刀垫 Shim	刀垫螺套 Sleeve for shim	刀垫扳手 Allen key for shim	定位销 Locating pin
WT16 ...-07	SR21 M2.5x5.3	KEY02 T7	-	-	-	FT39 D4-3x7
WT20 ...-07	SR21 M2.5x5.3	KEY02 T7	-	-	-	FT39 D6-5x8
WT25 ...-07	SR21 M2.5x5.3	KEY02 T7	-	-	-	FT39 D6-5x9
WT32 ...-11T	SR21 M4x11	KEY02 T15	ST01 DC11x2.82	SRT M6-M4x6.9	KEY01 M4	FT39 D6-5x11
WT40 ...-11T	SR21 M4x11	KEY02 T15	ST01 DC11x2.82	SRT M6-M4x6.9	KEY01 M4	FT39 D6-5x11

02

DAMPING TURNING TOOL 阻尼减振车刀

阻尼减振车刀刀头 Cartridge for Damping Turning Tool Holder

正型 93° 反镗 Positive Type 93° Back Boring

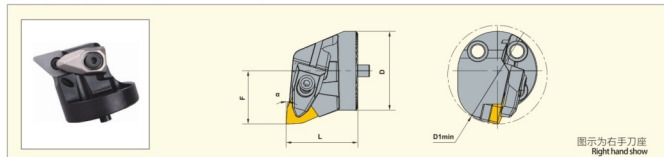


规格型号 Designation	D	D1 min	F	L	L1	α°	Kg	适配刀片 Insert	在庫 Stock
WT16 SDZCR-07	16	22	13	15	27	3°	0.03	DC.0702.	€
WT20 SDZCR-07	20	27	15	15	27	3°	0.05	DC.0702.	€
WT25 SDZCR-07	25	33	18	15	27	3°	0.12	DC.0702.	€
WT32 SDZCR-11T	32	40	22	20	38	3°	0.14	DC.11T3.	€
WT40 SDZCR-11T	40	50	27	20	38	3°	0.19	DC.11T3.	€
WT16 SDZCL-07	16	22	13	15	27	3°	0.03	DC.0702.	€
WT20 SDZCL-07	20	27	15	15	27	3°	0.05	DC.0702.	€
WT25 SDZCL-07	25	33	18	15	27	3°	0.12	DC.0702.	€
WT32 SDZCL-11T	32	40	22	20	38	3°	0.14	DC.11T3.	€
WT40 SDZCL-11T	40	50	27	20	38	3°	0.19	DC.11T3.	€

备件 Spare Parts

规格型号 Designation	刀片锁紧螺钉 Clamping screw for insert	锁紧扳手 Allen key for clamping	刀垫 Shim	刀垫螺套 Sleeve for shim	刀垫扳手 Allen key for shim	定位销 Locating pin
WT16...07	SR21 M2.5x5.3	KEY02 T7	-	-	-	FT39 D4-3x7
WT20...07	SR21 M2.5x5.3	KEY02 T7	-	-	-	FT39 D6-5x8
WT25...07	SR21 M2.5x5.3	KEY02 T7	-	-	-	FT39 D6-5x9
WT32...11T	SR21 M4x11	KEY02 T15	ST01 DC11x2.82	SRT M6-M4x6.9	KEY01 M4	FT39 D6-5x11
WT40...11T	SR21 M4x11	KEY02 T15	ST01 DC11x2.82	SRT M6-M4x6.9	KEY01 M4	FT39 D6-5x11

负型 95° 正镗 Positive Type 95° Profile-turning



规格型号 Designation	D	D1 min	F	L	α°	Kg	适配刀片 Insert	在庫 Stock
WT32 DWLNR-06T	32	40	22	32	5°	0.11	WN.0604.	€
WT32 DWLNR-08T	32	46	24	36	5°	0.12	WN.0804.	€
WT40 DWLNR-08T	40	50	27	36	5°	0.23	WN.0804.	€
WT32 DWLNL-06T	32	40	22	32	5°	0.11	WN.0604.	€
WT32 DWLNL-08T	32	46	24	36	5°	0.12	WN.0804.	€
WT40 DWLNL-08T	40	50	27	36	5°	0.23	WN.0804.	€

备件 Spare Parts

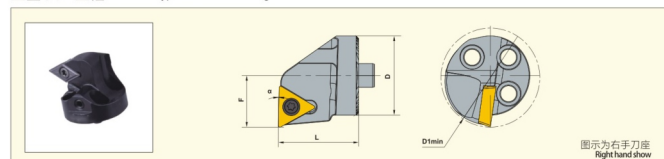
规格型号 Designation	压板 Clamping pad	压板弹簧 Spring for clamping pad	压板螺钉 Screw for clamping pad	刀垫 Shim	压板扳手 Allen key for clamping pad	刀垫锁紧螺钉 Clamping screw for shim	刀垫锁紧扳手 Allen key for shim	定位销 Locating pin
WT32...06T	PB10 DDN11	YH 7x0.6x13	SR59 M4x16	ST01 WN08x3.18	KEY01 M2.5	SR20 M4x9.5	KEY02 T15	FT39 D6-5x11
WT32...08T	PB10 DCN12	YH 8x0.6x13	SR59 M5x20	ST01 WN08x3.18	KEY01 M3	SR20 M5x10	KEY02 T20	FT39 D6-5x11
WT40...08T	PB10 DCN12	YH 8x0.6x13	SR59 M5x20	ST01 WN08x6.35	KEY01 M3	SR20 M4x9.5	KEY02 T15	FT39 D6-5x11

03

DAMPING TURNING TOOL 阻尼减振车刀

阻尼减振车刀刀头 Cartridge for Damping Turning Tool Holder

正型 91° 正镗 Positive Type 91° Profile-turning

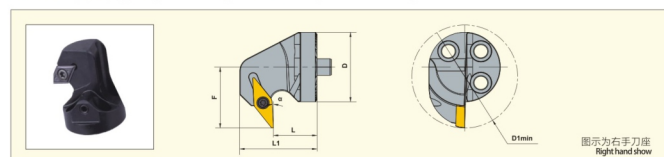


规格型号 Designation	D	D1 min	F	L	α°	Kg	适配刀片 Insert	在庫 Stock
WT16 STFCR-09	16	20	11	20	1°	0.02	TC.0902.	€
WT16 STFCR-11	16	20	11	20	1°	0.02	TC.1102.	€
WT20 STFCR-11	20	25	13	20	1°	0.03	TC.1102.	€
WT25 STFCR-11	25	32	17	20	1°	0.04	TC.1102.	€
WT32 STFCR-16	32	40	22	32	1°	0.10	TC.16T3.	€
WT40 STFCR-16	40	50	27	32	1°	0.20	TC.16T3.	€
WT16 STFCL-09	16	20	11	20	1°	0.02	TC.0902.	€
WT16 STFCL-11	16	20	11	20	1°	0.02	TC.1102.	€
WT20 STFCL-11	20	25	13	20	1°	0.03	TC.1102.	€
WT25 STFCL-11	25	32	17	20	1°	0.04	TC.1102.	€
WT32 STFCL-16	32	40	22	32	1°	0.10	TC.16T3.	€
WT40 STFCL-16	40	50	27	32	1°	0.20	TC.16T3.	€

备件 Spare Parts

规格型号 Designation	刀片锁紧螺钉 Clamping screw for insert	锁紧扳手 Allen key for clamping	定位销 Locating pin
WT16...09	SR20 M2.2x5.6	KEY02 T7	FT39 D4-3x7
WT16...11	SR20 M2.5x6	KEY02 T8	FT39 D4-3x7
WT20...11	SR20 M2.5x6	KEY02 T8	FT39 D6-5x8
WT25...11	SR20 M2.5x6	KEY02 T8	FT39 D6-5x9
WT32...16	SR21 M4x9.5	KEY02 T15	FT39 D6-5x11
WT40...16	SR21 M4x9.5	KEY02 T15	FT39 D6-5x11

正型 93° 反镗及仿形车 Positive Type 93° Back Boring and Profile-turning



规格型号 Designation	D	D1 min	F	L	L1	α°	Kg	适配刀片 Insert	在庫 Stock
WT20 SVZCR-11	20	32	20	15	27	3°	0.03	VC.1103.	€
WT25 SVZCR-11	25	37	22	15	27	3°	0.05	VC.1103.	€
WT20 SVZCL-11	20	32	20	15	27	3°	0.03	VC.1103.	€
WT25 SVZCL-11	25	37	22	15	27	3°	0.05	VC.1103.	€

备件 Spare Parts

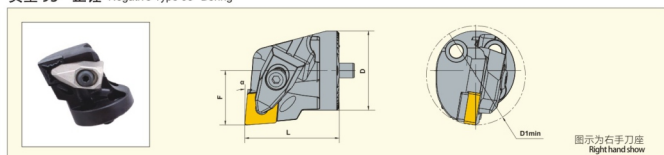
规格型号 Designation	刀片锁紧螺钉 Clamping screw for insert	锁紧扳手 Allen key for clamping	定位销 Locating pin
WT20...11	SR20 M2.5x6	KEY02 T8	FT39 D6-5x8
WT25...11	SR20 M2.5x6	KEY02 T8	FT39 D6-5x9

04

DAMPING TURNING TOOL 阻尼减振车刀

阻尼减振车刀刀头 Cartridge for Damping Turning Tool Holder

负型 95° 正镗 Negative Type 95° Boring

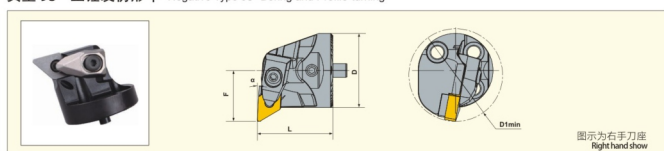


规格型号 Designation	D	D1 min	F	L	α°	Kg	适配刀片 Insert	在庫 Stock
WT32 DCLNR-12T	32	40	22	38	5°	0.12	CN.. 1204..	●
WT40 DCLNR-12T	40	50	27	38	5°	0.21	CN.. 1204..	●
WT32 DCLNL-12T	32	40	22	38	5°	0.12	CN.. 1204..	●
WT40 DCLNL-12T	40	50	27	38	5°	0.21	CN.. 1204..	●

备件 Spare Parts

规格型号 Designation	压板 Clamping pad	压板弹簧 Spring for clamping pad	压板螺钉 Screw for clamping pad	刀垫 Shim	压板扳手 Allen key for clamping pad	刀垫锁紧螺钉 Clamping screw for shim	刀垫锁紧扳手 Allen key for shim	定位销 Locating pin
WT32 ...12T	PB10 DCN12	YH 8x0.6x13	SR59 M5x20	ST01 CN12x3.2	KEY01 M3	SR20 M5x10	KEY02 T20	FT39 D6-5x11
WT40 ...12T	PB10 DCN12	YH 8x0.6x13	SR59 M5x20	ST01 CN12x3.2	KEY01 M3	SR20 M5x10	KEY02 T20	FT39 D6-5x11

负型 93° 正镗及仿形车 Negative Type 93° Boring and Profile-turning



规格型号 Designation	D	D1 min	F	L	α°	Kg	适配刀片 Insert	在庫 Stock
WT32 DDUNL-11T	32	40	22	32	3°	0.11	DN.. 1104..	○
WT40 DDUNL-15T	40	50	27	38	3°	0.18	DN.. 1506..	○
WT32 DDUNR-11T	32	40	22	32	3°	0.11	DN.. 1104..	○
WT40 DDUNR-15T	40	50	27	38	3°	0.18	DN.. 1506..	○
WT40 DVUNR-16T	40	56	34	38	3°	0.2	VN.. 1604..	○
WT40 DVUNL-16T	40	56	34	38	3°	0.2	VN.. 1604..	○

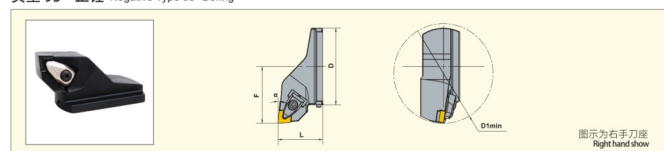
备件 Spare Parts

规格型号 Designation	压板 Clamping pad	压板弹簧 Spring for clamping pad	压板螺钉 Screw for clamping pad	刀垫 Shim	压板扳手 Allen key for clamping pad	刀垫锁紧螺钉 Clamping screw for shim	刀垫锁紧扳手 Allen key for shim	定位销 Locating pin
WT32 ...11T	PB10 DDN11	YH 7x0.6x13	SR59 M4x16	ST01 DN11x3.18	KEY01 M2.5	SR21 M4x9.5	KEY02 T15	FT39 D6-5x11
WT40 ...15T	PB10 DCN12	YH 8x0.6x13	SR59 M5x20	ST01 DN15x4.76	KEY01 M3	SR20 M4x11.5	KEY02 T15	FT39 D6-5x11
WT40 ...16T	PB10 DVN16	YH 9x0.8x14	SR59 M6x26.5	ST01 VN16x3.2	KEY01 M4	SR20 M3.5x8.5	KEY02 T10	FT39 D6-5x11

DAMPING TURNING TOOL 阻尼减振车刀

阻尼减振车刀刀头 Cartridge for Damping Turning Tool Holder

负型 95° 正镗 Negative Type 95° Boring

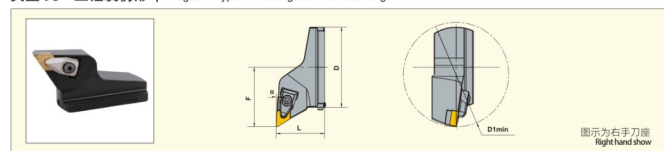


规格型号 Designation	D	D1 min	F	L	α°	Kg	适配刀片 Insert	在庫 Stock
WH80 DCLNR-12T	80	100	57	45	5°	0.49	CN.. 1204..	○
WH80 DCLNL-12T	80	100	57	45	5°	0.49	CN.. 1204..	○

备件 Spare Parts

规格型号 Designation	压板 Clamping pad	压板弹簧 Spring for clamping pad	压板螺钉 Screw for clamping pad	刀垫 Shim	压板扳手 Allen key for clamping pad	刀垫锁紧螺钉 Clamping screw for shim	刀垫锁紧扳手 Allen key for shim
WH80 ...12T	PB10 DCN12	YH 8x0.6x13	SR59 M5x20	ST01 CN12x3.2	KEY01 M3	SR20 M5x10	KEY02 T20

负型 93° 正镗及仿形车 Negative Type 93° Boring and Profile-turning



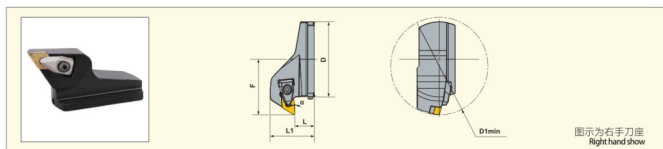
规格型号 Designation	D	D1 min	F	L	α°	Kg	适配刀片 Insert	在庫 Stock
WH80 DDUNL-15T	80	100	57	46	3°	0.5	DN.. 1506..	○
WH80 DDUNR-15T	80	100	57	46	3°	0.5	DN.. 1506..	○

备件 Spare Parts

规格型号 Designation	压板 Clamping pad	压板弹簧 Spring for clamping pad	压板螺钉 Screw for clamping pad	刀垫 Shim	压板扳手 Allen key for clamping pad	刀垫锁紧螺钉 Clamping screw for shim	刀垫锁紧扳手 Allen key for shim
WH80 ...15T	PB10 DCN12	YH 8x0.6x13	SR59 M5x20	ST01 DN15x4.76	KEY01 M3	SR20 M4x11.5	KEY02 T15

DAMPING TURNING TOOL 阻尼减振车刀

阻尼减振车刀刀头 Cartridge for Damping Turning Tool Holder
负型 93° 反镗及仿形车 Negative Type 93° Back Boring and Profile-turning

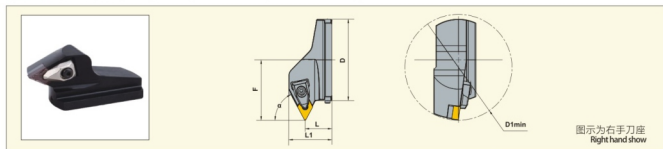


规格型号 Designation	D	D1 min	F	L	L1	α°	Kg	适配刀片 Insert	在库 Stock
WH80 DDZNR-15T	80	100	57	20	45	3°	0.55	DN.. 1506..	○
WH80 DDZNL-15T	80	100	57	20	45	3°	0.55	DN.. 1506..	○

备件 Spare Parts

规格型号 Designation	压板 Clamping pad	压板弹簧 Spring for clamping pad	压板螺钉 Screw for clamping pad	刀垫 Shim	压板扳手 Allen key for clamping pad	刀垫锁紧螺钉 Clamping screw for shim	刀垫锁紧扳手 Allen key for shim
WH80 ...15T	PB10 DCN12	YH 8x0.6x13	SR59 M5x20	ST01 DN15x4.76	KEY01 M3	SR20 M4x11.5	KEY02 T15

负型 62.5° 仿形车 Negative Type 62.5° Boring and Profile-turning



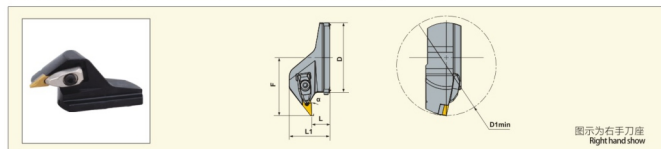
规格型号 Designation	D	D1 min	F	L	L1	α°	Kg	适配刀片 Insert	在库 Stock
WH80 DDPNR-15T	80	100	57	25	40.3	62.5°	0.49	DN.. 1506..	○
WH80 DDPNL-15T	80	100	57	25	40.3	62.5°	0.49	DN.. 1506..	○

备件 Spare Parts

规格型号 Designation	压板 Clamping pad	压板弹簧 Spring for clamping pad	压板螺钉 Screw for clamping pad	刀垫 Shim	压板扳手 Allen key for clamping pad	刀垫锁紧螺钉 Clamping screw for shim	刀垫锁紧扳手 Allen key for shim
WH80 ...15T	PB10 DCN12	YH 8x0.6x13	SR59 M5x20	ST01 DN15x4.76	KEY01 M3	SR20 M4x11.5	KEY02 T15

DAMPING TURNING TOOL 阻尼减振车刀

阻尼减振车刀刀头 Cartridge for Damping Turning Tool Holder
负型 93° 反镗及仿形车 Negative Type 93° Boring and Profile-turning

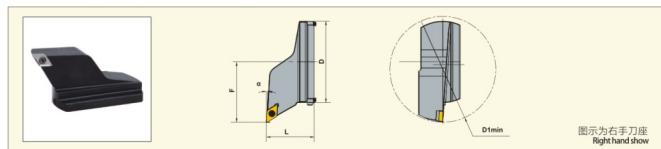


规格型号 Designation	D	D1 min	F	L	L1	α°	Kg	适配刀片 Insert	在库 Stock
WH80 DVZNR-16T	80	110	64	20	45	3°	0.49	VN.. 1604..	○
WH80 DVZNL-16T	80	110	64	20	45	3°	0.49	VN.. 1604..	○

备件 Spare Parts

规格型号 Designation	压板 Clamping pad	压板弹簧 Spring for clamping pad	压板螺钉 Screw for clamping pad	刀垫 Shim	压板扳手 Allen key for clamping pad	刀垫锁紧螺钉 Clamping screw for shim	刀垫锁紧扳手 Allen key for shim
WH80 ...16T	PB10 DVN16	YH 9x0.8x14	SR59 M6x26.5	ST01 VN16x3.2	KEY01 M4	SR20 M3.5x8.5	KEY02 T10

正型 93° 正镗及仿形车 Positive Type 93° Boring and Profile-turning



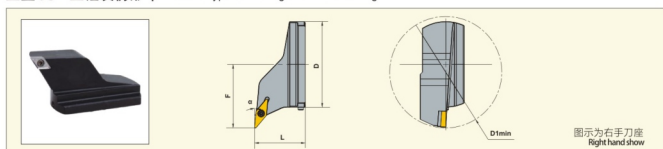
规格型号 Designation	D	D1 min	F	L	α°	Kg	适配刀片 Insert	在库 Stock
WH80 SDUCR-11T	80	100	57	45	3°	0.5	DC.. 11T3..	€
WH80 SDUCL-11T	80	100	57	45	3°	0.5	DC.. 11T3..	€

备件 Spare Parts

规格型号 Designation	刀片锁紧螺钉 Clamping screw for insert	锁紧扳手 Allen key for clamping	刀垫 Shim	刀垫锁紧螺钉 Clamping screw for shim	刀垫锁紧扳手 Allen key for shim
WH80 ...11T	SR21 M4x11	KEY02 T15	ST01 DC11x2.82	SRT M6-M4x6.9	KEY01 M4

DAMPING TURNING TOOL 阻尼减振车刀

阻尼减振车刀刀头 Cartridge for Damping Turning Tool Holder 正型 95° 正镗及仿形车 Positive Type 95° Boring and Profile-turning



规格型号 Designation	D	D1 min	F	L	α°	Kg	适配刀片 Insert	在庫 Stock
WH80 SVLCR-16T	80	100	57	45	5°	0.44	VC.. 1604..	☐
WH80 SVLCL-16T	80	100	57	45	5°	0.44	VC.. 1604..	☐

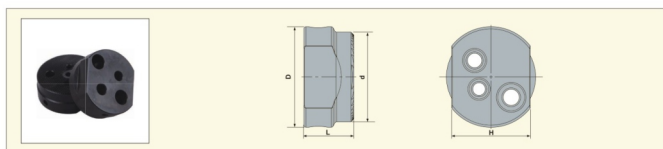
备件 Spare Parts



规格型号 Designation	刀片锁紧螺钉 Clamping screw for insert	锁紧扳手 Allen key for clamping	刀垫 Shim	刀垫螺套 Sleeve for shim	刀垫扳手 Allen key for shim
WH80 ...16T	SR21 M4x11	KEY02 T15	ST01 VC16x2.82	SRT M6-M4x6.9	KEY01 M4

中心校准块

Centre Calibration Block



规格型号 Designation	D	d	H	L	适用刀杆 Boring bar	Kg	在庫 Stock
WTXZ 16-25	28	25	22	14	WT16/WT20/WT25	0.05	☐
WTXZ 32-60	62	60	52	25	WT32/WT40/WT50/WT60	0.45	☐

DAMPING TURNING TOOL 阻尼减振车刀

阻尼减振车刀使用说明

User Guide for Damping Turning Tool

减振刀具安装及调整

Assembly and Adjusting

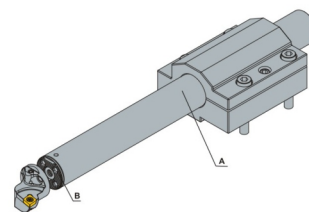
1. 准备

安装配合部位必须擦拭干净，如：减振刀杆及刀头 V 型定位槽、减振刀杆柄部外面及安装座内孔，见下图 A、B 两处示意位置。

Assembly and Adjusting

Preparation

Wipe clean the positions which need to be assembled, like V geometric slot on the cartridge and shank, the end of the shank which will be connected with adaptor, and internal hole on the clamping holder. See A and B position on the following visual.

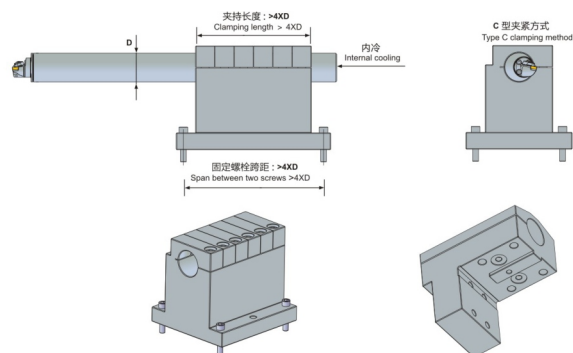


2. 刀杆的安装

安装夹持长度不少于刀杆径的 4 倍，使用开口夹套等抱紧装夹方式，禁止使用螺钉直压等锁紧方式，长时间使用必须使用内冷却，如下图所示。

Assembly for the Shank

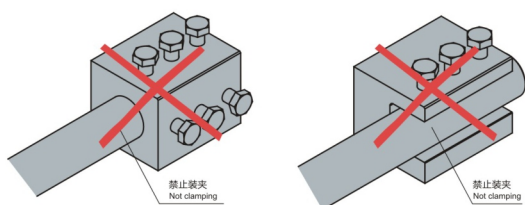
The clamping length should not be less than 4 L/D ratio. Suggest using the clamping cover with opening method and other holding clamping methods. Do not use screw clamping method. Use inner cooling please when working a long time.



DAMPING TURNING TOOL 阻尼减振车刀

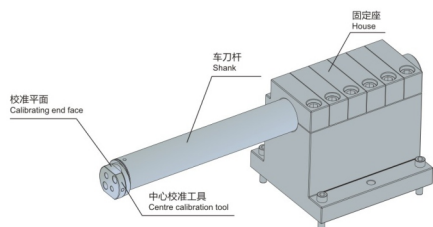
阻尼减振车刀使用说明

User Guide for Damping Turning Tool



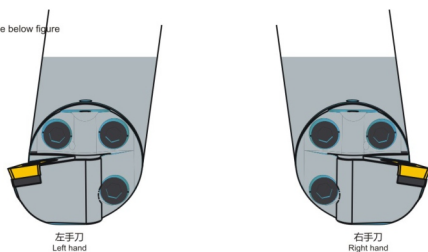
3. 中心高调整

首次安装刀杆需要使用专用中心高校准工具，安装于车刀杆齿形槽接口处，锁紧，沿机床 X 轴方向校准基准平面 0.01 以内，锁紧刀杆后拆除校准工具。
Adjust the Height of Centre
Exclusive calibration tool for the height of centre should be used when assembling the shank at the first time. Assemble the shank into the V geometric slot firstly, then calibrate it within 0.01 tolerance on the X-axis direction.



4. 安装正确的车刀头

Assemble the right cartridge, see below figure



DAMPING TURNING TOOL 阻尼减振车刀

阻尼减振车刀使用说明

User Guide for Damping Turning Tool

减振刀杆的长度调整

1. 推荐最小夹持长度 4xD
2. 刀杆可改制，切断后的长度如下表

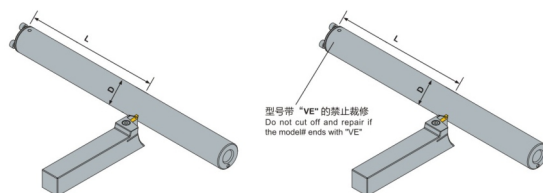
Adjusting the Length of the Shank

1. Suggested min. clamping length is 4xD
2. The boring bar can be cut off, the final length please see below figure: clamping holder. See A and B position on the following visual.

产品类别 Type	切断后的最小长度 (L) Min. length after cutting off	
D(mm)	4-7xD(mm)	7-10xD(mm)
16	100	-
20	125	-
25	155	255
32	190	320
40	240	410
50	305	520
60	380	630

3. 后缀为 VE 系列的车刀杆禁止切断调整长度，如：WT16 C16X204VE. 如下图所示：

3. Please do not cut off the adjusting length if the shank designation ends in VE. Example: WT16 C16x204VE, see below figure:



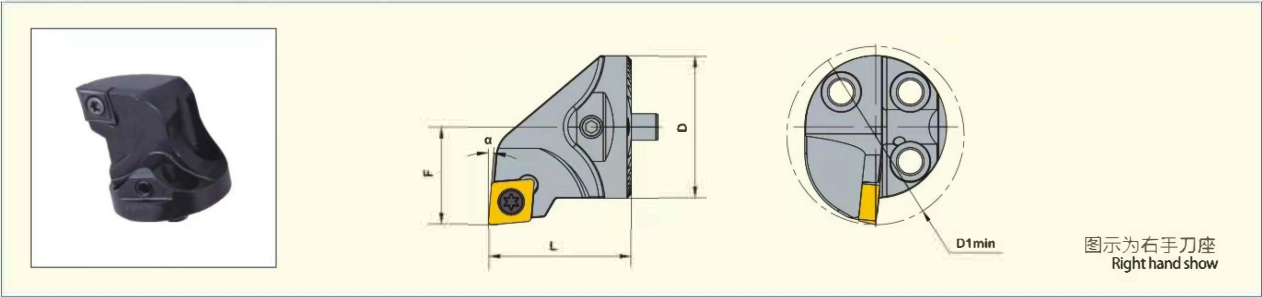
减振车刀使用环境要求

Environment for Damping Turning Tool

刀杆型号 Designation	悬伸长度 / 直径 Overhang length/ Diameter	内冷压力 MAX (Bar) MAX: Internal cooling pressure	使用温度 MAX(°C) Operating temperature
WT16 C16x156V	7	30	100
WT16 C16x204VE	10	30	100
WT20 C20x200V	7	30	100
WT20 C20x260VE	10	30	100
WT25 C25x255V	7	40	100
WT25 C25x330V	10	40	100
WT32 C32x320V	7	50	100
WT32 C32x416V	10	50	100
WT40 C40x408V	7	70	100
WT40 C40x528V	10	70	100
WT50 C50x518V	7	70	100
WT50 C50x668V	10	70	100
WT60 C60x628V	7	70	100
WT60 C60x808V	10	70	100
WH80 C80x880V	7	70	100
WH80 C80x1200V	10	70	100

阻尼减振车刀刀头 Cartridge for Damping Turning Tool Holder

正型 95° 正镗 Positive Type 95° Boring



规格型号 Designation	D	D1 min	F	L	α°	Kg	适配刀片 Insert	在庫 Stock
WT16 SCLCR-06	16	20	11	20	5°	0.02	CC..0602..	☺
WT20 SCLCR-09	20	25	13	20	5°	0.03	CC..09T3..	☺
WT25 SCLCR-09	25	32	17	20	5°	0.04	CC..09T3..	☺
WT32 SCLCR-09	32	40	22	32	5°	0.1	CC..09T3..	☺
WT40 SCLCR-12T	40	50	27	38	5°	0.2	CC..1204..	☺
WT16 SCLCL-06	16	20	11	20	5°	0.02	CC..0602..	☺
WT20 SCLCL-09	20	25	13	20	5°	0.03	CC..09T3..	☺
WT25 SCLCL-09	25	32	17	20	5°	0.04	CC..09T3..	☺
WT32 SCLCL-09	32	40	22	32	5°	0.1	CC..09T3..	☺
WT40 SCLCL-12T	40	50	27	38	5°	0.2	CC..1204..	☺

备件 Spare Parts



规格型号 Designation	刀片锁紧螺钉 Clamping screw for insert	锁紧扳手 Allen key for clamping	刀垫 Shim	刀垫螺套 Sleeve for shim	刀垫扳手 Allen key for shim	定位销 Locating pin
WT16 ...06	SR21 M2.5x5.3	KEY02 T7	-	-	-	FT39 D4-3x7
WT20 ...09	SR21 M4x9.5	KEY02 T15	-	-	-	FT39 D6-5x8
WT25 ...09	SR21 M4x9.5	KEY02 T15	-	-	-	FT39 D6-5x9
WT32 ...09	SR21 M4x9.5	KEY02 T15	-	-	-	FT39 D6-5x11
WT40 ...12T	SR21 M5x12.8	KEY02 T20	ST01 CC12x2.8	SRT M7-M5x13	KEY01 M3	FT39 D6-5x11