

Coolant steel shank
中心出水鋼柄 示意圖

Item code	L	Item code	L	Item code	L	Item code	L	Dimensions,mm			Teeth	Insert
								D(Rε=0.4)	d	L1		
TB08E-S16-120	120	TB10E-S16-160	160	TB12E-S16-200	200			8.0	16	12	1	CC..060204
TB09E-S16-120								9.0		14		
TB10E-S16-120								10.0		25		
TB11E-S16-120								11.0				
TB12E-S16-120								12.0		30		
TB13E-S16-120								13.0				
TB14E-S16-120								14.0				
TB15E-S16-120								15.0				
TB16E-S16-120	120	TB17E-S16-160	160	TB18E-S16-200	200			16.0	16	30	2	CC..060204
TB17E-S16-120								17.0				
TB18E-S16-120								18.0				
TB19E-S16-120								19.0				
TB20E-S16-120								20.0				
TB21E-S16-120								21.0				
TB22E-S16-120								22.0				
TB23E-S20-130								130		TB24E-S20-160		
TB24E-S20-130	24.0											
TB25E-S20-130	25.0											
TB26E-S20-130	26.0											
TB27E-S20-130	27.0											
TB28E-S20-130	28.0											
TB29E-S20-130	29.0											
TB30E-S25-160	160	TB31E-S25-200	200	TB32E-S25-250	250	TB33E-S32-300	300		30.0		25	40
TB31E-S25-160								31.0				
TB32E-S25-160								32.0				
TB33E-S25-160								33.0				
TB34E-S25-160								34.0				
TB35E-S25-160								35.0				
TB36E-S25-160								36.0				
TB37E-S25-160								37.0				
TB38E-S25-160								38.0				
TB39E-S25-160								39.0				
TB40E-S25-160								40.0				

BORING BARS
內徑車刀

TOOL HOLDERS
外徑車刀

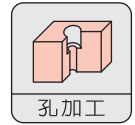
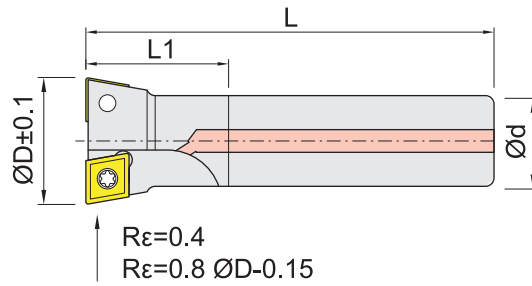
THREADING & GROOVING
牙刀 & 開槽刀

MILLING
銑刀

BORING TOOLS COMPONENTS
孔加工

SPARE PARTS
配件

固定式粗搪刀 FIXED ROUGH BORING BARS



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								D(Rε=0.4)	d	L1		
TB38E-S32-200	200	TB38E-S32-250	250					38.0	32	40	2	CC..09T304
TB39E-S32-200		TB39E-S32-250						39.0				
TB40E-S32-200	200	TB40E-S32-250	250	TB40E-S32-300	300			40.0	32	45	2	CC..09T304
TB41E-S32-200		TB41E-S32-250		TB41E-S32-300				41.0				
TB42E-S32-200		TB42E-S32-250		TB42E-S32-300				42.0				
TB43E-S32-200		TB43E-S32-250		TB43E-S32-300				43.0				
TB44E-S32-200		TB44E-S32-250		TB44E-S32-300				44.0				
TB45E-S32-200		TB45E-S32-250		TB45E-S32-300				45.0				
TB46E-S32-200		TB46E-S32-250		TB46E-S32-300				46.0				
TB47E-S32-200		TB47E-S32-250		TB47E-S32-300				47.0				
TB48E-S32-200		TB48E-S32-250		TB48E-S32-300				48.0				
TB49E-S32-200		TB49E-S32-250		TB49E-S32-300				49.0				
TB50E-S32-200		TB50E-S32-250		TB50E-S32-300				50.0				
TB51E-S32-200		TB51E-S32-250		TB51E-S32-300				51.0				
TB52E-S32-200		TB52E-S32-250		TB52E-S32-300				52.0				
TB53E-S32-200		TB53E-S32-250		TB53E-S32-300				53.0				
TB54E-S32-200		TB54E-S32-250		TB54E-S32-300				54.0				
TB55E-S32-200		TB55E-S32-250		TB55E-S32-300				55.0				
TB56E-S32-200		TB56E-S32-250		TB56E-S32-300				56.0				
TB57E-S32-200	TB57E-S32-250	TB57E-S32-300			57.0							

Insert	Screw	Wrench
CC..060204	MS2506A	ETF09
CC..09T304	MS4011A	ETF15
CC..120404	MS5011A	ETF20

TB20E-S/A 20-200 ① ② ③ ④	① 刃徑 TB20(ØD = 19.8 ±0.1) TB20E(ØD = 20.0 ±0.1)
	② 刀柄 S=鋼柄 STEEL SHANK A=鋼柄水孔 STEEL SHANK+ COOLANT HOLE
	③ 柄徑 ④ 刀柄長度

內徑車刀 BORING BARS
外徑車刀 TOOL HOLDERS
牙刀 & 開槽刀 THREADING & GROOVING
銑刀 MILLING
孔加工 BORING TOOLS COMPONENTS
配件 SPARE PARTS