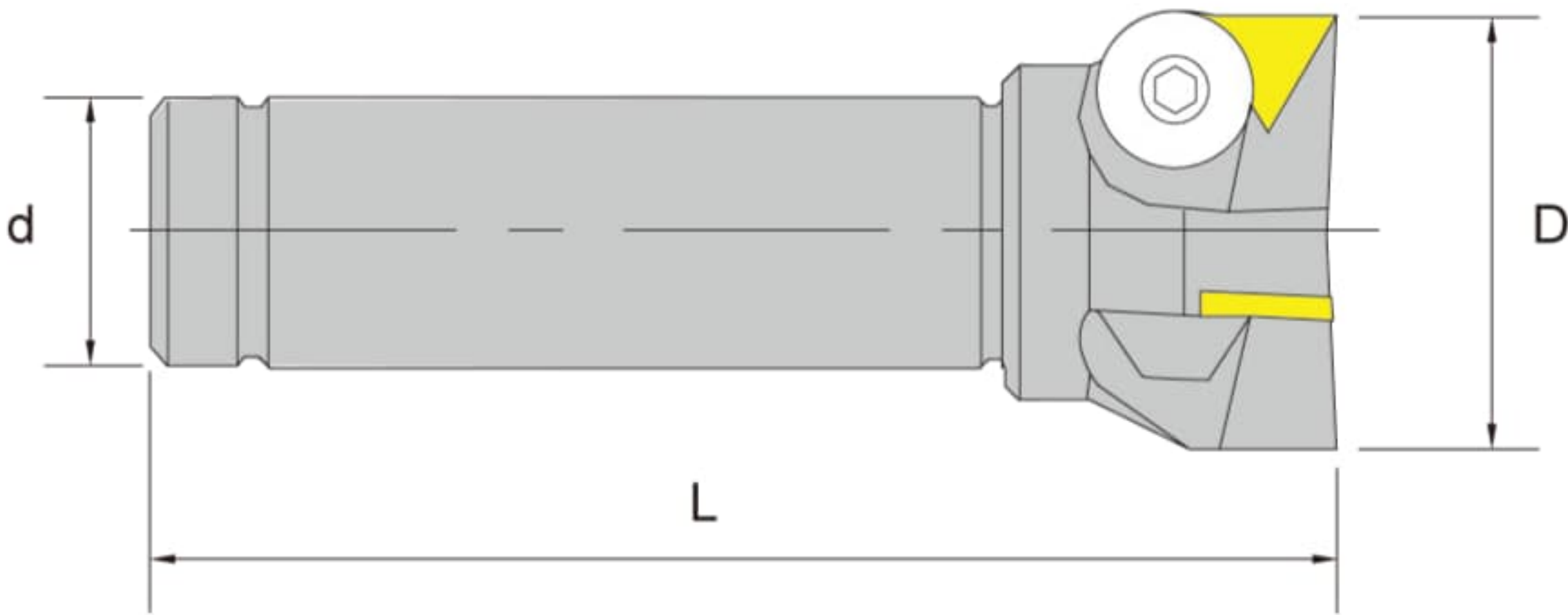
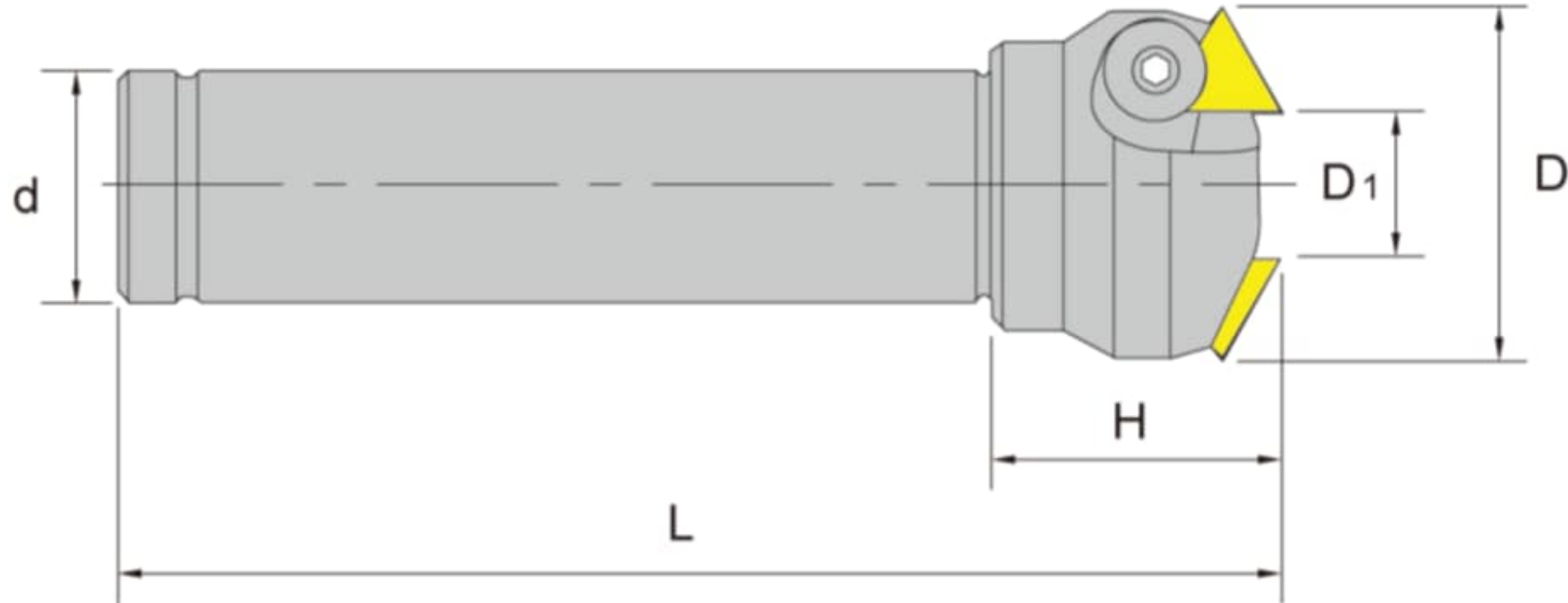
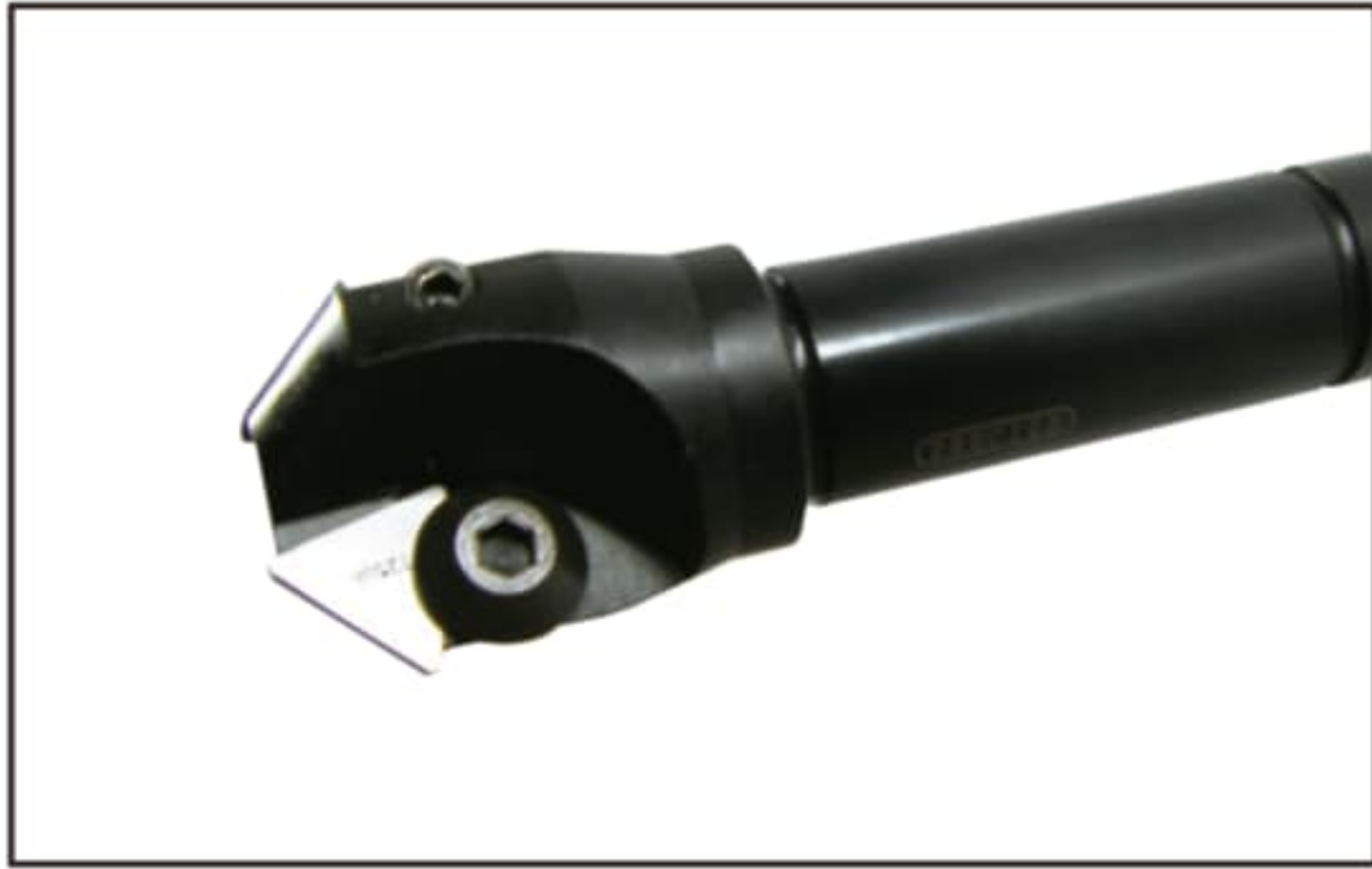


Shoulder End Mills 直柄端銑刀



Order number	Insert number	D	L	d	Blade		
						Screw	Wrench
SAE-20	TPMN1103	20	100	16/20	2	TP-W3/16	LH-025
SAE-25		25		20/25			
SAE-30	TPMN1603	30	120		20/25	3	TP-W1/4
SAE-35		35					
SAE-40		40		20/25/32			
SAE-45		45					
SAE-50		50					
SAE-63	TPMN2204	63	150	32		TP-W5/16	TLH-050

45° Chamfering End Mills 45°倒角銑刀



Order number	Insert number	D	D1	d	L	H	Blade		
								Locking screw	Wrench
TM 5-20 -45°	TPMN1603	21	5	12	100	30	1	TP-W1/4	LH-040
TM10-31-45°		31	10	20			2		
TM30-63-45°		50	30	25	160	40	3		
TM35-63-45°		55	35						

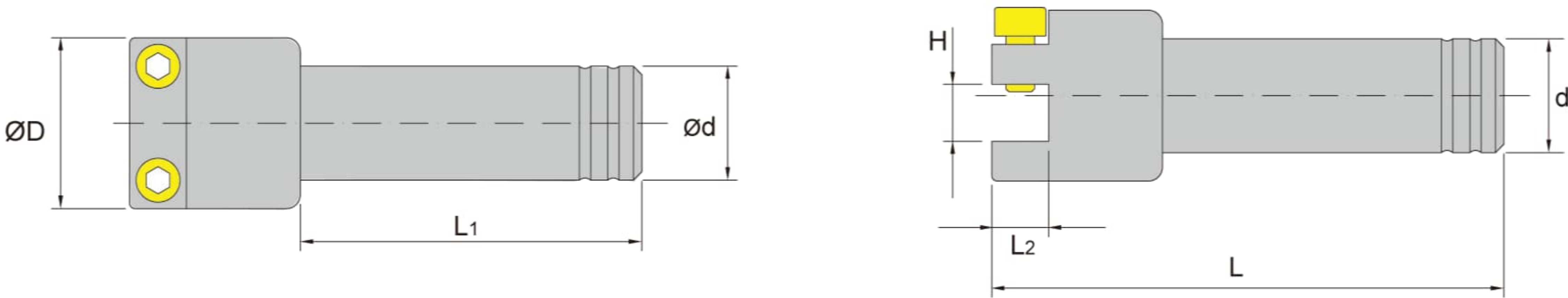
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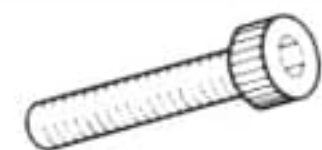
TC12-45° Chamfering End Mills



Order number	Insert number	Cutter Dia.	Shank Dia.	Length	Capacity		
						Screw	Wrench
TC12	TCMT16T304	Ø25	12	100	Ø3~25	BFTX0407	TRX15
TC40		Ø40	12	100	Ø20~36		

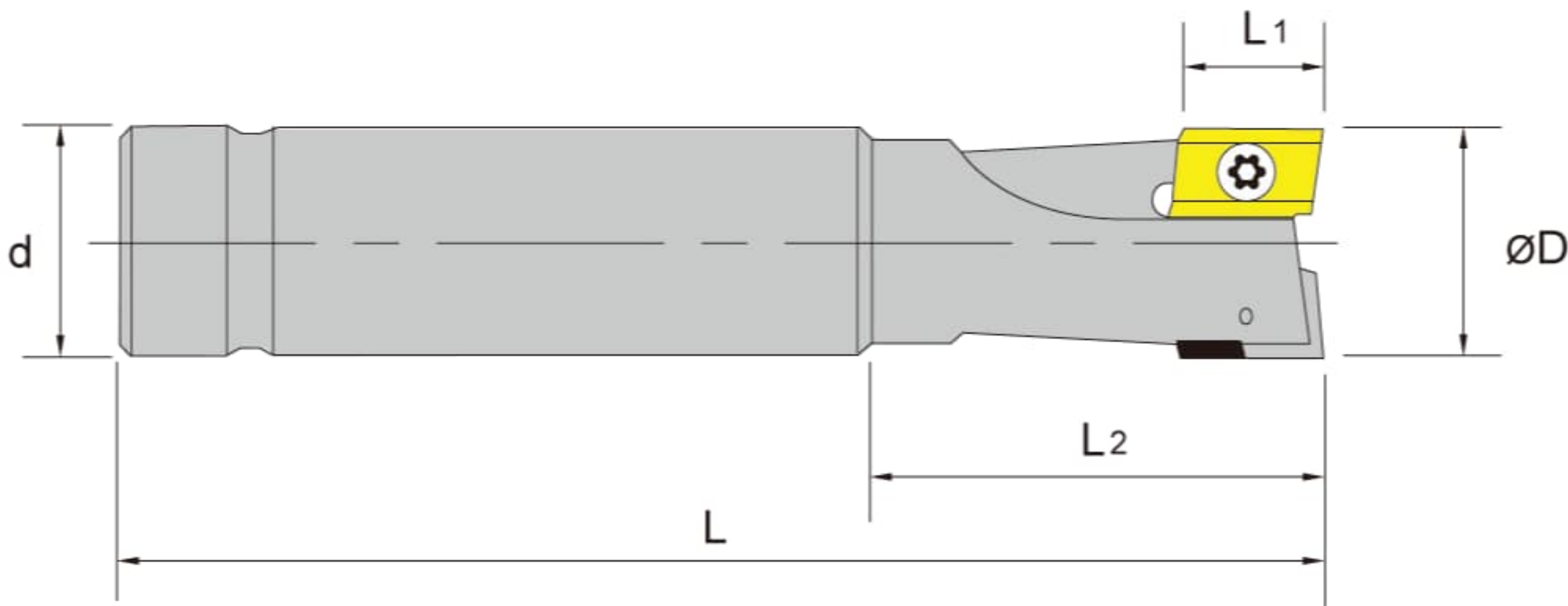
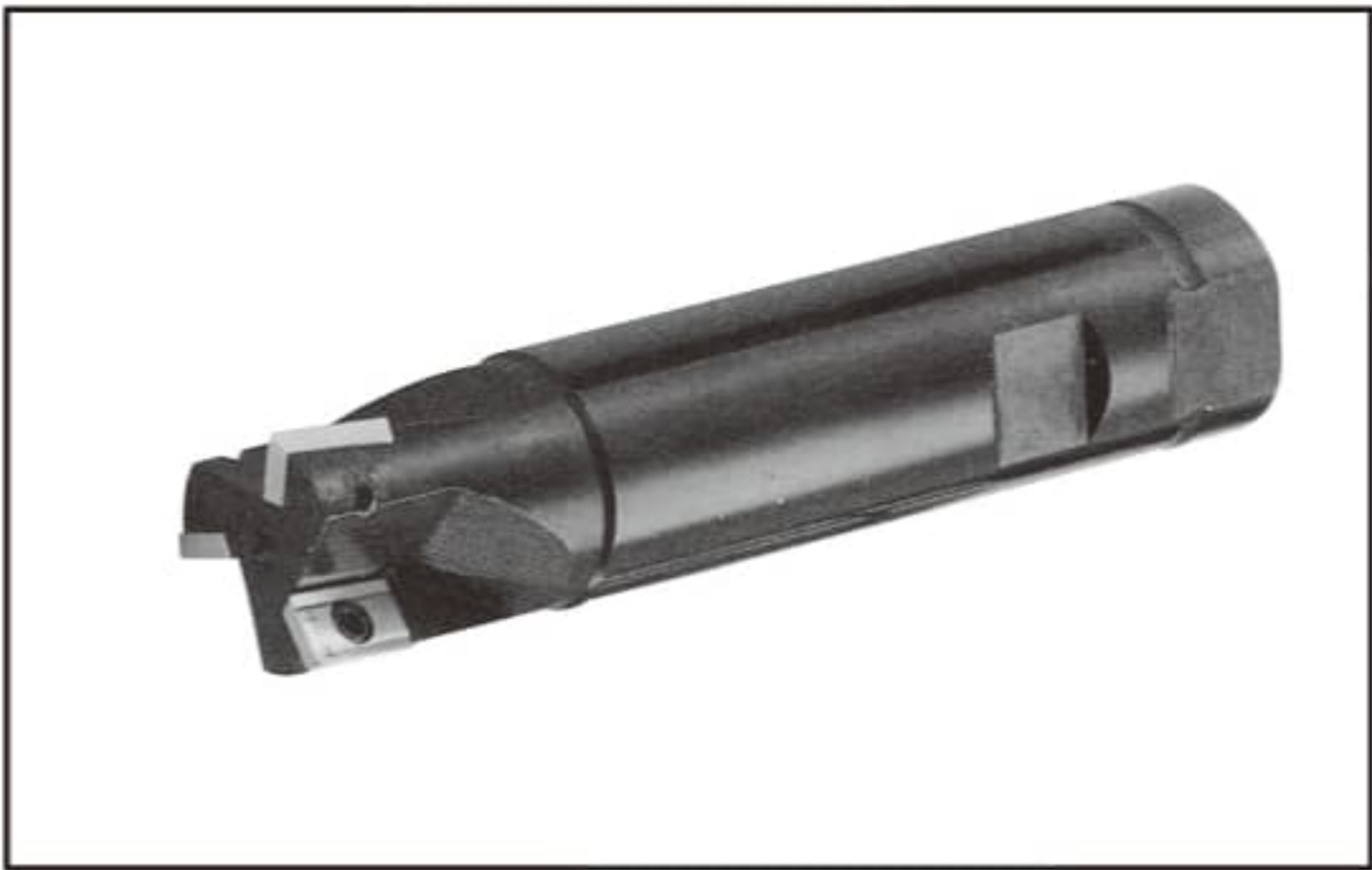
Milling Holder 銑床飛刀



Order number	ØD	Ød	L	L1	L2	H		
							Screw	Wrench
FC2030-10	30	20	90	60	30	10	BX0510	LH-040
FC2550-13	50	25	120	80	40	13	BX0612	LH-050
FC2570-16	70		125		45	16	BX0815	LH-060

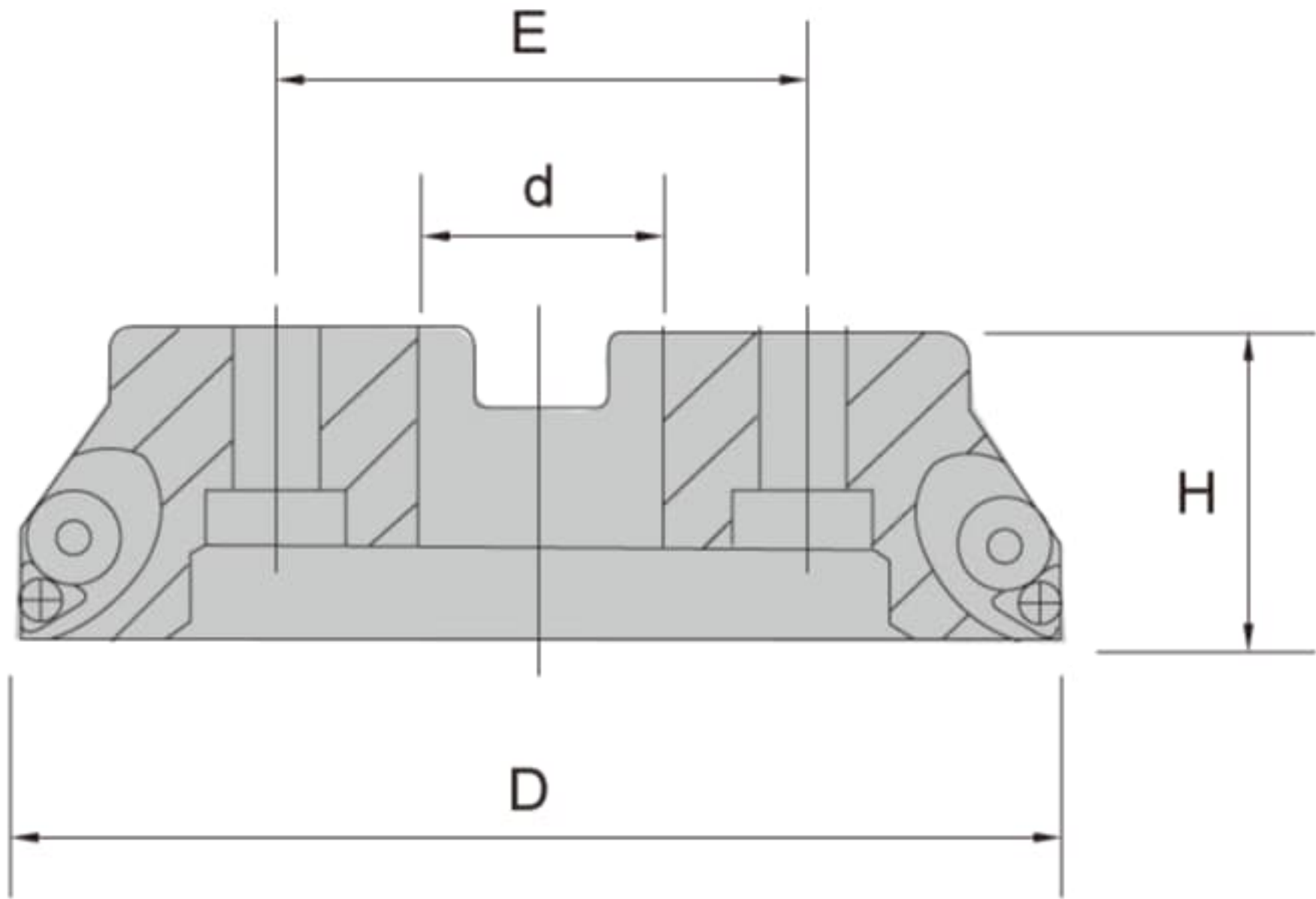
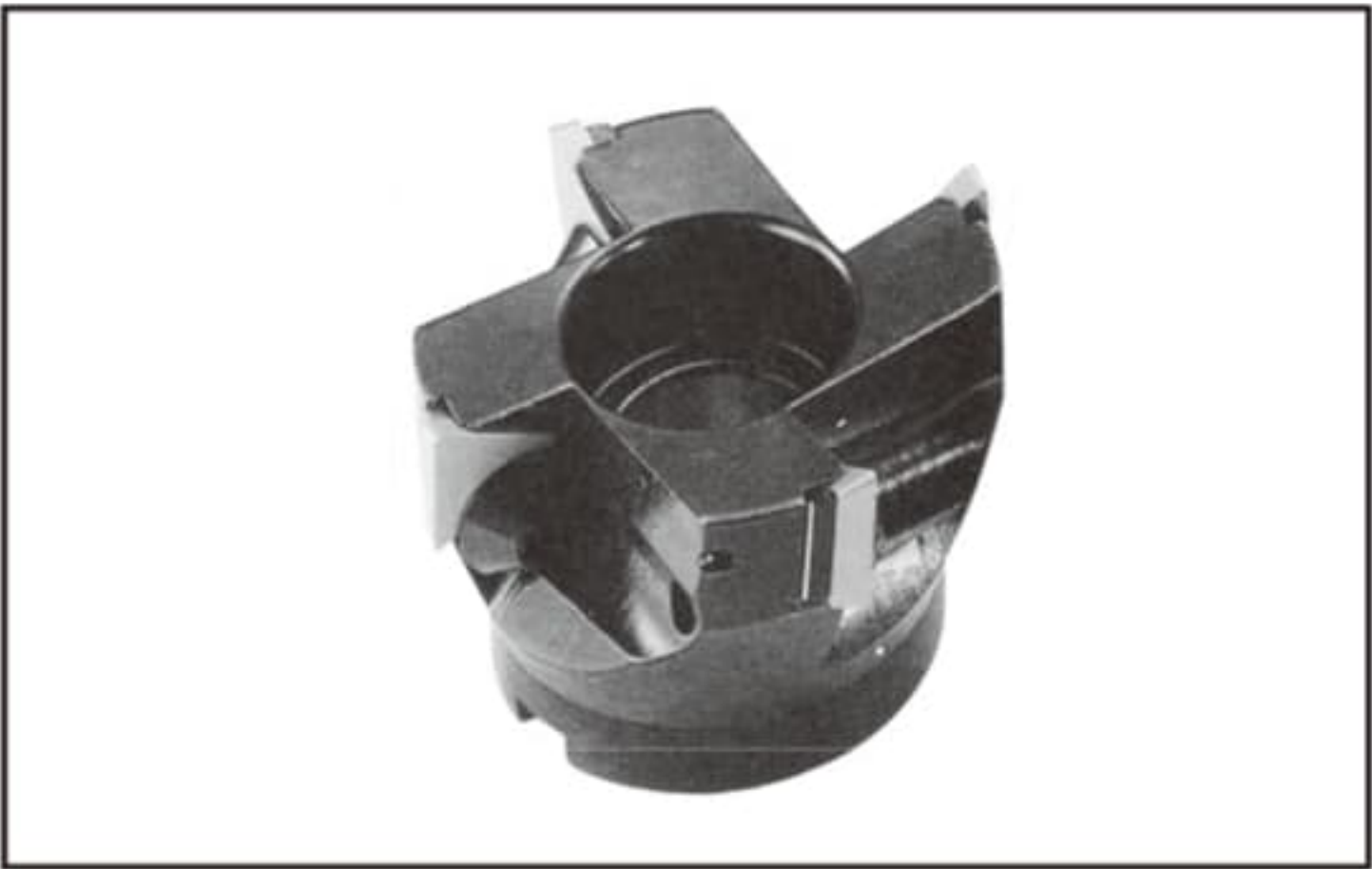


High Speed Shoulder Mills 高速直角端銑刀



Order number	Insert number	ØD	d	L2	L	Blade
APM 12-C12-1W	APMT1135PDER	12	12	25	100	1
APM 16-C16-2W		16	16	30	120	2
APM 20-C20-2W		20	20	30	150	3
APM 25-C25-2W	APMT1604PDER	25	25	40	150	2
APM 32-C32-3W		32	32	40	150	3
APM 40-C32-3W		40	32	42	150	3
APM 50-C32-4W		50	32	42	150	4

90° Shoulder Milling Cutter 90°捨棄式直角銑刀



Order number	Insert number	D	Inch ød	Metric ød	E	H	Blade
TP-63	TPUN433 TPUN-2204	63	1"	27	—	50	3
TP-80		80	1"	27	—	55	4
TP-100		100	1 1/4"	32	—		5
TP-125		125	1 1/2"	40	—	60	6

Parts				
	Locking screw	Carbide seat	Seat screw	Wrench
TP63-TP315	TP-W5/16	TP-ST22	TP-M4	TP-WH5
TP63-TP315	60	80	30	60

H

Off-Set Boring Tools

捨棄式搪孔刀架



Order number	Insert number	Square □ m/m	Length	Angle		
					Screw	Wrench
SBS-308	TPG0902	8	55	30°	BFTX02506	TRX08
310		10	65			
313	TPG1103	13	80		BFTX0310	TRX10
316	TPG1603	16	110		BFTX0407	TRX15
319		19	120			
408	TPG0902	8	45	45°	BFTX02506	TRX08
410		10	50			
413	TPG1103	13	60		BFTX0310	TRX10
416	TPG1603	16	110		BFTX0407	TRX15
419		19	120			
425		25	120			
908	TPG0902	8	45	90°	BFTX02506	TRX08
910		10	50			
913	TPG1103	13	60		BFTX0310	TRX10
916	TPG1603	16	110		BFTX0407	TRX15
919		19	120			
925		25	120			

Square Cutter Boring Bar

直柄搪孔刀架



Order number	Insert number	d	L
C16-BS 160	1/4"	16	160
C18-BS 150		18	150
C20-BS 150	5/16"	20	150
C20-BS 250		20	250
C25-BS 150		25	150
C25-BS 300		25	300
C32-BS 300	3/8"	32	300
C42-BS 300	1/2"	42	300

H