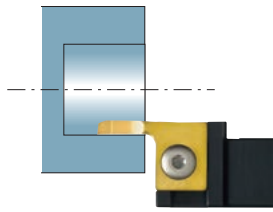
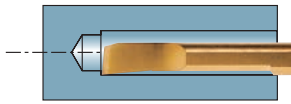


NTK ID Tooling - Product Lines

ID Boring

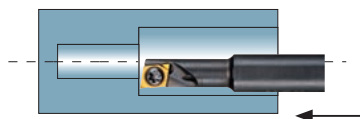


Insert	LBM		
Holder	LBMA	DS-LBMB	CH-LBM
Min. Bore Dia.	$\phi .039" (1.0\text{mm})$		

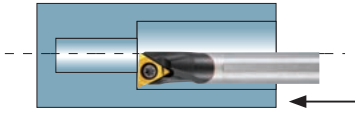





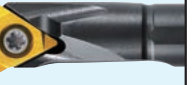
Insert	SHFS • SHFB • SBFS • SBFB		
Holder	HY-NBH-OH	HY-NBH	NBH
	 STICK DUO HYPER with Coolant through	 STICK DUO HYPER	
Min. Bore Dia.	$\phi .079" (2.0\text{mm})$		

	Holder		HY-NBH-OH	HY-NBH	NBH
	Insert		STICK DUO HYPER with Coolant through	STICK DUO HYPER	STICK DUO
"S" chip breaker Sharp cutting edge	SHFS-S High Precision Insert		Best fit	Best fit	2nd OPT.
	SBFS-S		2nd OPT.	2nd OPT.	Best fit
"F" chip breaker Evacuates chips BACKWARD	SHFB-F High Precision Insert		Best fit	Best fit	2nd OPT.
	SBFB-F		2nd OPT.	2nd OPT.	Best fit
"H" Flat type Mirror finish edge	SHFS-H High Precision Insert		Best fit	Best fit	2nd OPT.
	SBFS-H		2nd OPT.	2nd OPT.	Best fit
Back turning	SBB		2nd OPT.	2nd OPT.	Best fit
Grooving	SBG		2nd OPT.	2nd OPT.	Best fit
Threading	SBT		2nd OPT.	2nd OPT.	Best fit

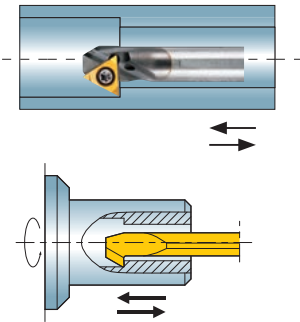





Insert	MBL		ERGP	
Holder	C-MBR (Carbide shank)	S-MBR (Steel shank)	C-SEXR (Carbide shank)	S-SEXR (Steel shank)
	 Coolant through	 Coolant through	 Coolant through	 Coolant through
Min. Bore Dia.	$\phi .197" (5.0\text{mm})$		$\phi .236" (6.0\text{mm})$	



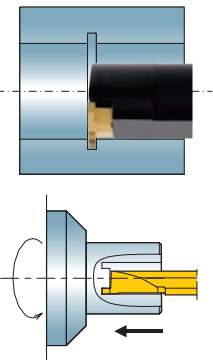
Insert	CC/CP		TC/TP	
	C-SCLC/P (Carbide shank)	S-SCLC/P (Steel shank)	C-STUC/P (Carbide shank)	S-STUC/P (Steel shank)
Holder	 Coolant through	 Coolant through	 Coolant through	 Coolant through
Min. Bore Dia.	$\phi .276" (7.0\text{mm})$		$\phi .315" (8.0\text{mm})$	





■ ID Back Turning



Insert	SBB		TC/TP
	HY-NBH-OH	NBH	C-STZP/C (Carbide shank)
Holder	 Coolant through		
Min. Bore Dia.	$\phi .118" (3.0\text{mm})$		$\phi .394" (10\text{mm})$




■ ID Grooving



Insert	SBG		SFG	GTG
	HY-NBH-OH	NBH	NBH	S-BGR/BGR
Holder	 Coolant through			
Min. Bore Dia.	$\phi .118" (3.0\text{mm})$		$\phi .118" (3.0\text{mm})$	$\phi .394" (10\text{mm})$

■ ID Threading



Insert	SBT		TMN
	HY-NBH-OH	NBH	TGC/HN
Holder	 Coolant through		
Min. Bore Dia.	$\phi .118" (3.0\text{mm})$		$\phi .315" (8.0\text{mm})$