

Boring Bars for Ceramic Tools [EN , SN , TC Insert]

S...CELN (Boring / Internal Facing)

Max. Overhang Length L/D=-3

• Right-hand shown

Applicable Inserts	
Cast Iron / Hard Materials	<input checked="" type="checkbox"/> B87
Ceramic	
ENGN1307..	

• Toolholder Dimensions

Recommended Cutting Conditions F82-F83

Description	(Previous Description)	Std.		Min. Bore Dia.	Dimension (mm)					θ	Standard Corner-R (rε)	Spare Parts				
		R	L		φA	φD	H	L1	L2			F	Chipbreaker	Clamp Set	Wrench	Shim
S40T-CELN^{R/L} 13-50	CELN^{R/L} 5040B-13	<input checked="" type="checkbox"/>		50	40	37	300	32	27	12°	0.8					

S...CSKN (Boring)

Max. Overhang Length L/D=-3

• Right-hand shown

Applicable Inserts		
Cast Iron / Hard Materials	<input checked="" type="checkbox"/> B88, B89	Cast Iron / Hard Materials
Ceramic		Cast Iron
SNGN1207..(1204..) SNMN1207..		<input checked="" type="checkbox"/> B28
		Coated / Carbide
		Cast Iron / Hard Materials
		<input checked="" type="checkbox"/> C9
		CBN(KBN900)
		(SNMN1204..)
		(SNMN1204..)

• Toolholder Dimensions

Recommended Cutting Conditions F82-F83

Description	(Previous Description)	Std.		Min. Bore Dia.	Dimension (mm)					θ	Standard Corner-R (rε)	Spare Parts				
		R	L		φA	φD	H	L1	L2			F	Chipbreaker	Clamp Set	Wrench	Shim
S40T-CSKN^{R/L} 12-50	CSKN^{R/L} 5040B-12	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	50	40	37	300	26	27	10.5°	0.8					

- Chipbreaker:CB-13 for R-hand Toolholder, CB-12 for L-hand Toolholder.
- Shim & Shim Screw: When using SN 1204 type Insert, purchase spare parts in () separately.

S...CTUC (Boring)

Max. Overhang Length L/D=-3

• Right-hand shown

Applicable Inserts	
Cast Iron	<input checked="" type="checkbox"/> B92
Ceramic	
TCGN1604..	

• Toolholder Dimensions

Recommended Cutting Conditions F82-F83

Description	(Previous Description)	Std.		Min. Bore Dia.	Dimension (mm)					θ	Standard Corner-R (rε)	Spare Parts				
		R	L		φA	φD	H	L1	L2			F	Chipbreaker	Clamp Set	Wrench	Shim
S32S-CTUC^{R/L} 16-40	CTUC^{R/L} 4032B-16	<input type="checkbox"/>		40	32	30	250	27	22	6.5°	0.8					

- Chipbreaker:CB-13 for R-hand Toolholder, CB-12 for L-hand Toolholder.

• : Std. Item : Check Availability

F
Boring