

Boring Bars for Ceramic Tools [CNGX, DNGX, SNGX Insert]

S...CCLN-GX (Boring / Internal Facing)

Max. Overhang Length L/D=--3

• Right-hand shown

Applicable Inserts	
Cast Iron	● B85
Ceramic	
CNGX1207..	

Toolholder Dimensions

Description	Std.		Min. Bore Dia.	Dimension (mm)						θ	Standard Corner-R (rε)	Spare Parts				Recommended Cutting Conditions
	R	L		ϕA	ϕD	H	L1	L2	F			Clamp Set	Wrench	Shim	Shim Screw	
	S32S- CCLN [®] /L 12-40GX	●	●	40	32	30	250	32	22	14°	1.2					
S40T- CCLN [®] /L 12-50GX	●	●	50	40	37	300	32	27	12°	1.2					F82-F83	

S...CDUN-GX (Boring / Copying)

Max. Overhang Length L/D=--3

• Right-hand shown

Applicable Inserts	
Cast Iron	● B86
Ceramic	
DNGX1207..	

Toolholder Dimensions

Description	Std.		Min. Bore Dia.	Dimension (mm)						θ	Standard Corner-R (rε)	Spare Parts				Recommended Cutting Conditions
	R	L		ϕA	ϕD	H	L1	S	F			Clamp Set	Wrench	Shim	Shim Screw	
	S32S- CDUN [®] /L 12-40GX	●	●	40	32	30	250	7.5	22	14°	1.2					
S40T- CDUN [®] /L 12-50GX	●	●	50	40	37	300	7.5	27	12°	1.2					F82-F83	

S...CSKN-GX (Boring)

Max. Overhang Length L/D=--3

• Right-hand shown

Applicable Inserts	
Cast Iron	● B89
Ceramic	
SNGX1207..	

Toolholder Dimensions

Description	Std.		Min. Bore Dia.	Dimension (mm)						θ	Standard Corner-R (rε)	Spare Parts				Recommended Cutting Conditions
	R	L		ϕA	ϕD	H	L1	L2	F			Clamp Set	Wrench	Shim	Shim Screw	
	S32S- CSKN [®] /L 12-40GX	●	●	40	32	30	250	22.5	22	14°	1.2					
S40T- CSKN [®] /L 12-50GX	●	●	50	40	37	300	22.5	27	12°	1.2					F82-F83	

● : Std. Item □ : Check Availability