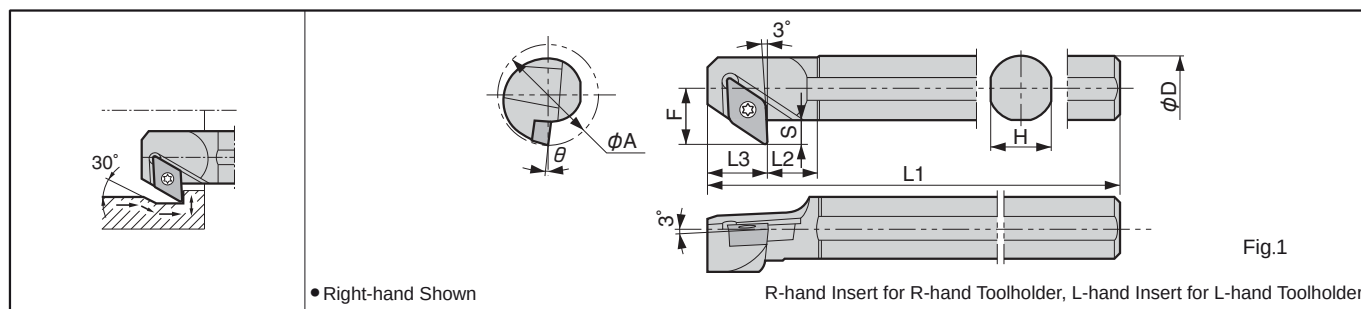


Boring Bar [DC ☐ ☐ Insert]

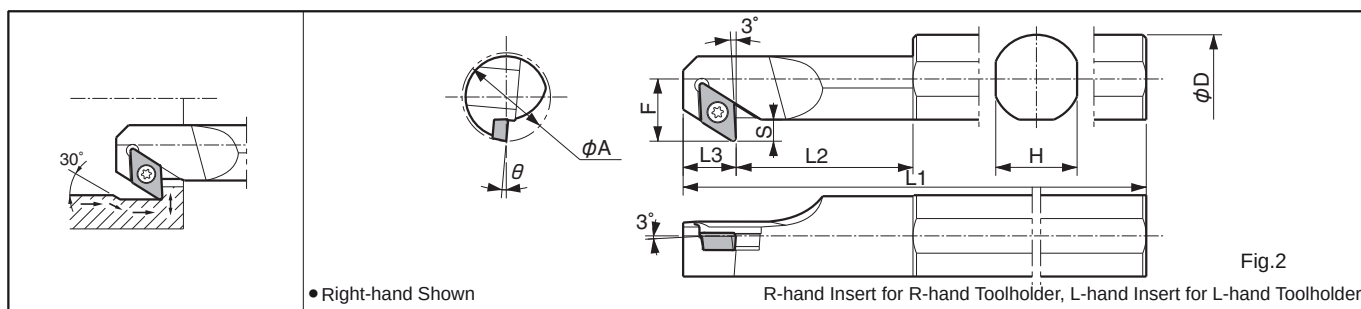
S...SDZC-E Excellent Bar (Back Boring)

Max. Overhang Length L/D≈5



S...SDZC Steel Bar (Back Boring)

Max. Overhang Length L/D≈3



Toolholder Dimensions

Description	(Previous Description)	Std.		Min. Bore Dia.	Dimension (mm)								θ	(°) Standard Corner-R	Drawing	Spare Parts				
																Clamp Screw	Wrench			
		R	L		øA	øD	H	L1	L2	L3	L4	F				S				
S10M-SDZC ^{R/L} 07-14E	SDZC ^{R/L} 1410B-07E	●	●	14	10	9	150	14	9.5	-	8.3	3.3	5°	0.4	Fig.1	SB-2560TR	FT-8			
S12M-SDZC ^{R/L} 07-16E	1612B-07E	●	●	16	12	11	150	16	10.5		9.3									
S16Q-SDZC ^{R/L} 07-20E	2016B-07E	●	●	20	16	15	180	16	10.5		11.3									
S16Q-SDZC ^{R/L} 11-25E	2516B-11E	●	●	25	16	15	180	12	15		14.1	6.1	5°	0.8				Fig.2	SB-4085TR	FT-15
S20Q-SDZC ^{R/L} 11-32E	3220B-11E	●	●	32	20	19					16.1									
S16Q-SDZC ^{R/L} 07-14	SDZC ^{R/L} 1416B-07	●	●	14	16	14	180	30	10		10.4	4.4	5°	0.4	Fig.2	SB-2560TR	FT-8			
S16Q-SDZC ^{R/L} 07-16	1616B-07	●	●	16																
S20R-SDZC ^{R/L} 11-20	2020B-11	●	●	20	20	18	200	40	15		15.1	6.1	5°	0.8				Fig.2	SB-4085TR	FT-15
S25X-SDZC ^{R/L} 11-25	2525B-11	●	●	25	25	23	220	50			17.6									

Applicable Inserts

Applications	Minute ap	Finishing	Finishing-Medium	Finishing-Medium	Medium	Medium-Roughing	Finishing	Finishing / Precision	Low Feed	Low Feed / Precision
Ref. Page	B50	B50	B51	B51	B52	B51	B53	B53	B54	B54
Insert	CF	GP	GK	HQ	FN-Z	Standard	%-F	%-FSF	(E / F) %-U	F%-USF
Toolholder										
...SDZC ^{R/L} 07...	DCGT0702..	DCMT0702..	DCMT0702..	DCMT0702..	DCGT0702..	DCGT0702..	DCGT0702..	DCET0702..	DCGT0702..	DCET0702..
...SDZC ^{R/L} 11...	DCGT11T3..	DCMT11T3..	DCMT11T3..	DCMT11T3..	DCGT11T3..	DCMT11T3.. DCGT11T3..	DCGT11T3..	DCET11T3..	DCGT11T3..	DCET11T3..
Applications	Low Feed	Low Feed / Precision	Soft Steel / Finishing	Soft Steel Finishing-Medium	Stainless Steel	Cast Iron	Non-ferrous Metals	Non-ferrous Metals	Non-ferrous Metals	Hard Materials
Ref. Page	B55	B55	B52	B52	B52	B55	B55	B55	C19	C11
Insert	(E / F) %-J	F%-JSF	XP	XQ	MQ	Without Chipbreaker	AH	%-A3	PCD	CBN
Toolholder										
...SDZC ^{R/L} 07...	-	-	DCMT0702..	-	DCMT0702..	DCGW0702..	-	-	DCMT0702..	DCMW0702..
...SDZC ^{R/L} 11...	DCGT11T3..	DCET11T3..	DCMT11T3..	DCMT11T3..	DCMT11T3..	DCGW11T3..	DCGT11T3..	DCGT11T3..	DCMT11T3..	DCMW11T3..

For recommended cutting conditions, see page F77~F78