

● Toolholder Dimensions

Description		Std.		Min. Bore Dia.	Dimension (mm)								θ	Standard Corner-R (rε)	Coolant Hole	Drawing	Spare Parts													
		R	L	øA	øD	H	L1	L2	L3	L4	F	S					Clamp Screw	Wrench												
																														
Excellent Bar	A16Q-SDUC ^{R/L} 07-14AE	●	●	14	16	15	180	28	-	23	10.8	4.4	5°	0.4	Yes	Fig.1	SB-2560TR	FT-8												
	A20R-SDUC ^{R/L} 11-20AE	●	●	20	20	19	200	48	-	30	15.6	6.1					SB-4065TR	FT-15												
	A10L-SDUC ^{R/L} 07-14AE	●	●	14	10	9	140	19	-	20	8.7	3.3	5°	0.4		Yes	Fig.2	SB-2560TR	FT-8											
	A12M-SDUC ^{R/L} 07-16AE	●	●	16	12	11	150	21	-	24	9.7																			
	A16Q-SDUC ^{R/L} 07-20AE	●	●	20	16	15	180		-	26	11.7																			
	A16Q-SDUC ^{R/L} 11-23AE	●	●	23					-	31	14.5																			
	A20R-SDUC ^{R/L} 11-27AE	●	●	27	20	19	200	23	-	36	16.5	6.1	5°	0.4		Yes	Fig.2	SB-4065TR	FT-15											
	A25S-SDUC ^{R/L} 11-32AE	●	●	32	25	24	250	24	-	39	19																			
Steel	S16Q-SDUC ^{R/L} 07-14A	●	●	14	16	15	180	28	-	23	10.8	4.4	5°	0.4	No	Fig.3	SB-2560TR	FT-8												
	S20R-SDUC ^{R/L} 11-20A	●	●	20	20	19	200	48	-	30	15.6	6.1					SB-4065TR	FT-15												
	S10L-SDUC ^{R/L} 07-14A	●	●	14	10	9	140	19	-	20	8.7	3.3	5°	0.4		No	Fig.4	SB-2560TR	FT-8											
	S12M-SDUC ^{R/L} 07-16A	●	●	16	12	11	150	21	-	24	9.7																			
	S16Q-SDUC ^{R/L} 07-20A	●	●	20	16	15	180		-	26	11.7																			
	S16Q-SDUC ^{R/L} 11-23A	●	●	23					-	31	14.5																			
	S20R-SDUC ^{R/L} 11-27A	●	●	27	20	19	200	23	-	36	16.5	6.1	5°	0.4			No	Fig.4	SB-4065TR	FT-15										
	S25S-SDUC ^{R/L} 11-32A	●	●	32	25	24	250	24	-	39	19																			
Carbide	E10N-SDUC ^{R/L} 07-14A	●	●	14	10	9	160	20	-	19	8.7	3.3	5°	0.4	Yes			Fig.5	SB-2560TR	FT-8										
	E10N-SDUC ^{R/L} 07-14A-2 / 3	●	●				105																							
	E12Q-SDUC ^{R/L} 07-16A	●	●				16				12					11					180	23	-	22	9.7					
	E12Q-SDUC ^{R/L} 07-16A-2 / 3	●	●	120																										
	E16X-SDUC ^{R/L} 07-20A	●	●	20	16	15	220	28	-	26	11.7	6.1	5°	0.4		Yes		Fig.5	SB-4065TR	FT-15										
	E16X-SDUC ^{R/L} 07-20A-2 / 3	●	●				145																							
	E16X-SDUC ^{R/L} 11-23A	●	●	23			16				15						220				28	-	27	14.5						
	E16X-SDUC ^{R/L} 11-23A-2 / 3	●	●														145													
	E20S-SDUC ^{R/L} 11-27A	●	●	27	20	19	250	32	-	31	16.5						6.1	5°	0.4	Yes	Fig.5	SB-4065TR	FT-15							
	E20S-SDUC ^{R/L} 11-27A-2 / 3	●	●				165																							
	E25T-SDUC ^{R/L} 11-32A	●	●	32	25	24	300	38	-	37	19													6.1	5°	0.4	Yes	Fig.5	SB-4065TR	FT-15
	E25T-SDUC ^{R/L} 11-32A-2 / 3	●	●				200																							

● Applicable Inserts

Applications	Minute ap	Finishing	Finishing	Finishing-Medium	Finishing-Medium	Medium-Roughing	Finishing	Finishing / Precision	Low Feed	Low Feed / Precision
Ref. Page	B50	B50	B50	B51	B51	B51	B53	B53	B54	B54
Insert	CF	CK	GP	GK	HQ	Standard	$\frac{R}{L}$ -F	$\frac{R}{L}$ -FSF	(E / F) $\frac{R}{L}$ -U	F $\frac{R}{L}$ -USF
Toolholder										
...-SDUC ^{R/L} 07-...	DCGT0702..	DCGT0702..	DCMT0702..	DCMT0702..	DCMT0702..	DCGT0702..	DCGT0702..	DCET0702..	DCGT0702..	DCET0702..
...-SDQC ^{R/L} 07-...										
...-SDZC ^{R/L} 07-...										
...-SDUC ^{R/L} 11-...	DCGT11T3..	DCGT11T3..	DCMT11T3..	DCMT11T3..	DCMT11T3..	DCMT11T3.. DCGT11T3..	DCGT11T3..	DCET11T3..	DCGT11T3..	DCET11T3..
...-SDQC ^{R/L} 11-...										
...-SDZC ^{R/L} 11-...										
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) $\frac{R}{L}$ -J	F $\frac{R}{L}$ -JSF	XP	XQ	MQ	Without Chipbreaker	AH	$\frac{R}{L}$ -A3	PCD	CBN
Toolholder										
...-SDUC ^{R/L} 07-...	-	-	DCMT0702..	-	DCMT0702..	DCGW0702..	-	-	DCMT0702..	DCMW0702..
...-SDQC ^{R/L} 07-...										
...-SDZC ^{R/L} 07-...										
...-SDUC ^{R/L} 11-...	DCGT11T3..	DCET11T3..	DCMT11T3..	DCMT11T3..	DCMT11T3..	DCGW11T3..	DCGT11T3..	DCGT11T3..	DCMT11T3..	DCMW11T3..
...-SDQC ^{R/L} 11-...										
...-SDZC ^{R/L} 11-...										

For recommended cutting conditions, see page ● F77~F78