

External Turning Tools

Sústruženie vonkajšie



A

- ▶ T System External Turning Tools
- ▶ P System External Turning Tools
- ▶ M System External Turning Tools
- ▶ S System External Turning Tools
- ▶ C System External Turning Tools

Dışçap Tornalama Takım Tutucu kodlamaları / External tool Holder Code System(ISO)

1 2 3 4 5 6 7 8 9
T D J N R 25 25 M 15

Elmas Sıkma sistemi
Clamping system
of insert

Elmas şekli
Shape of insert
Holder Style

Elmas boşaltma açısı
Clearance Angle
of Insert

Takım Yönü
Hand of Tool

Şaft Yüksekliği
Height of Shank

Şaft Genişliği
Width of Shank

Takım Boyu
Length of tool

Elmas kesme uzunluğu
Length of Insert Cutting Edge

1 Elmas Sıkma Sistemleri / Clamping Method of Insert

T D J N R 25 25 M15

T



Üst ve delikten sıkılmalı sistem
Top and hole clamping

M



Pimli ve delikten sıkılmalı sistem
Pin and hole clamping

P



Levriyel sistem
Lever system clamping

C



Deliksiz Üstten sıkılmalı
Top clamping system
without hole

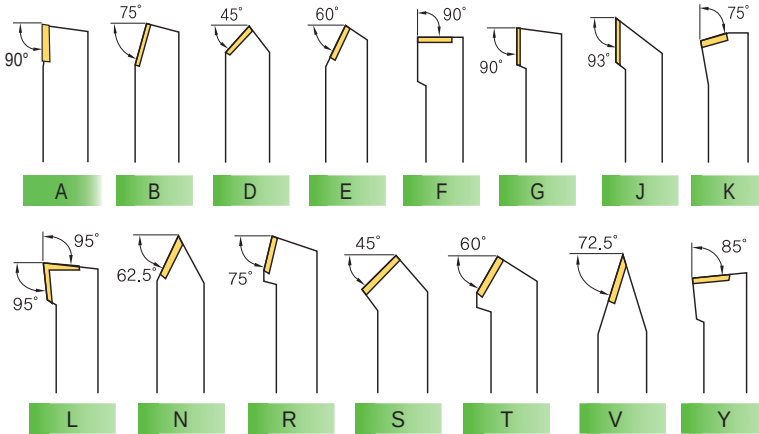
S



Vidalı sıkılma
Screw system

3 Tutucu Tipi / Holder Style

T D J N R 25 25 M15



2 Elmas Şekli / Insert Shape

T D J N R 25 25 M15

C



L



V



D



R



W



E



S



T



K



T



W



4 Clearance Angle of Insert

T D J N R 25 25 M15

B



C



D



E



F



N



P



5 Takım Yönü / Hand of Tool

T D J N R 25 25 M15



R



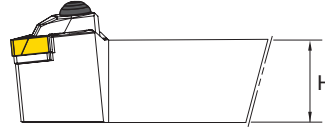
L



N

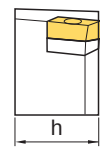
6 Şaft Yüksekliği / Height of Shank

T D J N R 25 25 M15



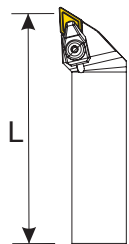
7 Şaft Genişliği / Width of Shank

T D J N R 25 25 M15



8 Takım Boyu / Length of Holder

T D J N R 25 25 M15

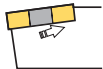
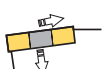
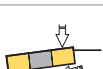


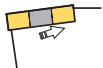
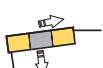
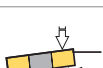
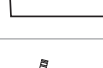
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B - 40	J - 110	R - 200
C - 50	K - 125	S - 250
D - 60	L - 140	T - 300
E - 70	M - 150	U - 350
F - 80	N - 160	V - 400
G - 90	P - 170	W - 450

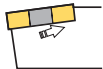
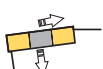
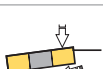
9 Elmas Kesme Uzunluğu / Length of Insert Cutting Edge

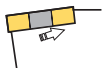
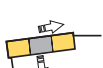
T D J N R 25 25 M15

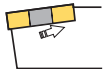
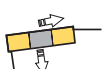
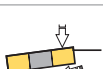


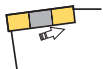
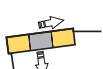
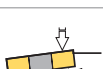
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ISO Code			TDJN R/L	TDJN R/L	TDJN R/L PDJN R/L	TDHN R/L	TDHN R/L	TDNNN
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Clamping Type	T System		Size Range (mm) #1616 - 2525	Dia Range (mm) #2020 - 3232	Dia Range (mm) #2020 - 5050	Dia Range (mm) #2525 - 3232	Dia Range (mm) #2020 - 3232	Dia Range (mm) #1616 - 2525
	Page		A14	A14	A14	A15	A15	A15
	P System		-	-	Dia Range (mm) #2020 - 4040	-	-	-
	Page				A28			
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	Page							
	S System							
	Page							

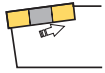
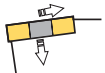
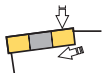
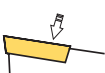
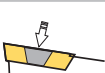
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Size (mm)			#2020 - 3232	#2020 - 4040	#2525	#2020 - 4040	#2525 - 5050	#2525 - 5050
ISO Code			TDNNN	TDNNN PDNNN	TCLN R/L	TCLN R/L PCLN R/L	TCLN R/L PCLN R/L	TCLN R/L PCLN R/L
Cutting Angle			62.5°	62.5°	95°	95°	95°	95°
Clamping Type	T System		Size Range (mm) #1616 - 2525	Dia Range (mm) #2020 - 4040	Dia Range (mm) #2525	Dia Range (mm) #2020 - 4040	Dia Range (mm) #2525 - 5050	Dia Range (mm) #2525 - 5050
	Page		A16	A16	A17	A17	A17	A17
	P System		-	Dia Range (mm) #2020 - 4040	-	Dia Range (mm) #2020 - 3232	Dia Range (mm) #2525 - 4040	Dia Range (mm) #3232 - 4040
	Page			A29		A30	A30	A30
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	Page							
	C System		-	-	-	-	-	-
	Page							
	S System							
	Page							

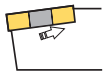
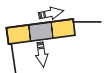
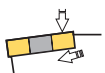
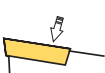
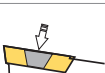
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Size (mm)			#2020 - 2525	#2525 - 3232	#2020 - 2525	#2525 - 3232	#2020 - 3232	#2525 - 3232
ISO Code			TCRN R/L	TCRN R/L	TCKN R/L	TCKN R/L	TCBN R/L PCBN R/L	TCBN R/L PCBN R/L
Cutting Angle			75°	75°	75°	75°	75°	75°
Clamping Type	T System		Size Range (mm) #2020 - 2525	Dia Range (mm) #2525 - 3232	Size Range (mm) #2020 - 2525	Dia Range (mm) #2525 - 3232	Size Range (mm) #2525	Dia Range (mm) #2525
	Page		A18	A18	A19	A19	A18	A18
	P System		-	-			Dia Range (mm) #2020 - 3232	Dia Range (mm) #2525 - 3232
	Page						A31	A31
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	Page							
	C System		-	-	-	-	-	-
	Page							
	S System							
	Page							

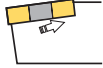
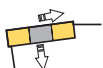
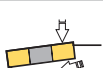
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Size (mm)			#3232 - 4040	#1616 - 3232	#2525 - 4040	#3232 - 4040	#2020 - 3232	#2525 - 4040	#3232 - 4040
ISO Code			TCBN R/L PCBN R/L	TCMNN PCMNN	TCMNN PCMNN	TCMNN PCMNN	TCZNN	TCZNN	TCZNN
Cutting Angle			75°	50°	50°	50°	40°	40°	40°
Clamping Type	T System		Size Range (mm) #2525 - 3232	Size Range (mm) #1616 - 3232	Size Range (mm) #2525 - 4040	Size Range (mm) #3232 - 4040	Size Range (mm) #2020 - 3232	Size Range (mm) #2525 - 4040	Size Range (mm) #3232 - 4040
	Page		A18	A20	A20	A20	A20	A20	A20
	P System		Size Range (mm) #3232 - 4040	Size Range (mm) #2020 - 3232	Size Range (mm) #2525 - 3232	Size Range (mm) #3232 - 4040	-	-	-
	Page		A31	A32	A32	A32			
	M System		-	-	-	-	-	-	-
	Page								
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	Page								
	S System								-
	Page								

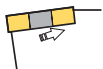
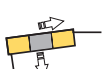
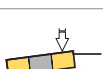
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ISO Code			TSSN R/L PSSN R/L	TSSN R/L PSSN R/L	TSSN R/L PSSN R/L	TSKN R/L PSKN R/L	TSKN R/L PSKN R/L	PSKNR
Cutting Angle			45°	45°	45°	75°	75°	75°
Clamping Type	T System		Size Range (mm) #2020 - 3232	Size Range (mm) #2525 - 5050	Size Range (mm) #3232 - 5050	Size Range (mm) #2020 - 3232	Size Range (mm) #2525 - 3232	-
	Page		A21	A21	A21	A21	A21	-
	P System		Size Range (mm) #2020 - 3232	Size Range (mm) #2525 - 3232	Size Range (mm) #3232 - 4040	Size Range (mm) #2020 - 3232	Size Range (mm) #2525 - 3232	Size Range (mm) #3232 - 4040
	Page		A34	A34	A34	A34	A34	A34
	M System		-	-	-	-	-	-
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	C System		-	-	-	-	-	-
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	S System		-	-	-	-	-	-
	Page							

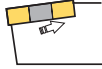
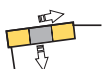
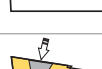
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Size (mm)			#2020 - 3232	#2525 - 4040	#3232 - 4040	#2020 - 4040	#2020 - 3232	#2020 - 4040
ISO Code			TSDNN PSDNN	TSDNN PSDNN	PSDNN	TVJN R/L	TVHN R/L	TVVNN
Cutting Angle			45°	45°	45°	93°	107.5°	72.5°
Clamping Type	T System		Size Range (mm) #2020 - 3232	Size Range (mm) #2525 - 4040	-	Size Range (mm) #2020 - 4040	Size Range (mm) #2020 - 3232	Size Range (mm) #2020 - 4040
	Page		A22	A22	-	A23	A23	A24
	P System		Size Range (mm) #2020 - 3232	Size Range (mm) #2525 - 3232	Size Range (mm) #3232 - 4040	-	-	-
	Page		A35	A35	A35	-	-	-
	M System		-	-	-	-	-	-
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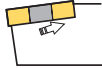
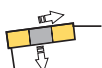
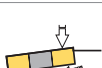
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Size (mm)			#1616 - 2525	#2020 - 5050	#1616 - 2525	#2020 - 4040	#2020 - 3232	#2020 - 3232
ISO Code			TWLN R/L MWLN R/L	TWLN R/L PWLN R/L MWLN R/L	MWDNN	MWDNN	TTJN R/L MTJN R/L	TTGN R/L
Cutting Angle			95°	95°	50°	50°	93°	90°
Clamping Type	T System		Size Range (mm) #1616 - 2525	Size Range (mm) #2020 - 5050	-	-	Size Range (mm) #2020 - 3232	Size Range (mm) #2020 - 3232
	Page		A27	A27			A25	A25
	P System		-	Size Range (mm) #2020 - 4040	-	-	-	
	Page			A33				
	M System		Size Range (mm) #1616 - 2525	Size Range (mm) #2020 - 5050	Size Range (mm) #1616 - 2525	Size Range (mm) #2020 - 4040	Size Range (mm) #2020 - 3232	-
	Page		A38	A38	A38	A38	A38	
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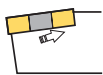
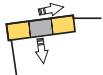
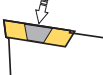
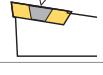
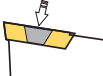
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Size (mm)			#2020 - 3232	#2020 - 3232	#2525 - 4040	#2525 - 4040	#2525 - 4040	#2525 - 4040
ISO Code			TTFN R/L	TTENN MTENN	TTJN R/L MTJN R/L PTJN R/L	TTGN R/L PTGN R/L	TTFN R/L PTFN R/L	TTENN MTENN PTTN R/L
Cutting Angle			95°	60°	93°	90°	90°	60°
Clamping Type	T System		Size Range (mm) #2020 - 3232	Size Range (mm) #2020 - 3232	Size Range (mm) #2525 - 5050	Size Range (mm) #2525 - 4040	Size Range (mm) #2525 - 4040	Size Range (mm) #2525 - 4040
	Page		A26	A26	A25	A25	A26	A26
	P System		-	-	Size Range (mm) #2525 - 3232	Size Range (mm) #2525 - 3232	Size Range (mm) #2525 - 3232	Size Range (mm) #2525 - 3232
	Page				A36	A37		A37
	M System		-	Size Range (mm) #2020 - 3232	Size Range (mm) #2020 - 5050	-	-	Size Range (mm) #2525 - 4040
	Page			A38	A38			A38
	C System		-	-	-	-	-	-
	Page							
	S System		-	-	-	-	-	-
	Page							

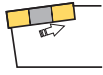
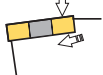
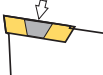
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Size (mm)			#2525 - 3232	#2525 - 3232	#2525 - 3232	#2525 - 3232	#2525 - 3232	#2525 - 3232
ISO Code			CDJN R/L	CCLN R/L	CSSN R/L	CSKN R/L	CSDNN	CTJN R/L
Cutting Angle			93°	50°	45°	75°	45°	93°
Clamping Type	T System		-	-	-	-	-	-
	Page							
	P System		-	-	-	-	-	-
	Page							
	M System		-	-	-	-	-	-
	Page							
	C System		Size Range (mm) #2525 - 3232	Size Range (mm) #2525 - 3232	Size Range (mm) #2525 - 3232	Size Range (mm) #2525 - 3232	Size Range (mm) #2525 - 3232	Size Range (mm) #2525 - 3232
	Page		A40	A40	A41	A41	A41	A43
	S System		-	-	-	-	-	-
	Page							

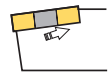
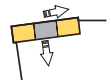
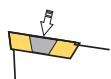
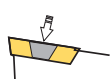
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Size (mm)			#2020 - 3232	#2020 - 3232	#2525 - 3232	#2020 - 4040		
ISO Code			CRDCN	CRDCN	CRDCN	CKJN R/L		
Cutting Angle			-	-	-	93°		
Clamping Type	T System		-	-	-	-		
	Page							
	P System		-	-	-	-		
	Page							
	M System		-	-	-	-		
	Page							
	C System		Size Range (mm) #2020 - 3232	Size Range (mm) #2020 - 4040	Size Range (mm) #2525 - 4040	Size Range (mm) #2020 - 4040		
	Page		A42	A42	A42	A43		
	S System		-	-	-	-		
	Page							

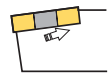
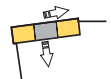
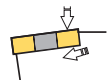
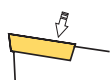
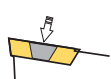
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Size (mm)			#0808 - 1616	#1212 - 3232	#0808 - 1616	#1616 - 3232	#1010 - 1616	#1212 - 1616
ISO Code			SDJC R/L	SDJC R/L	SDHC R/L	SDHC R/L	SDAC R/L	SDHC R/L
Cutting Angle			93°	93°	107.5°	107.5°	90°	107.5°
Clamping Type	T System		-	-	-	-	-	-
	Page							
	P System		-	-	-	-	-	-
	Page							
	M System		-	-	-	-	-	-
	Page							
	S System		Size Range (mm) #0808 - 1616	Size Range (mm) #1212 - 3232	Size Range (mm) #0808 - 1616	Size Range (mm) #1616 - 3232	-	-
	Page		A44	A44	A46	A46		
	S System Swiss (K.O)		Size Range (mm) #1010 - 2020	Size Range (mm) #1212 - 2020	-	-	Size Range (mm) #1010 - 1616	Size Range (mm) #1212 - 1616
	Page		A65	A65			A66	A66

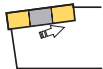
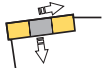
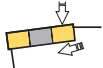
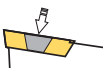
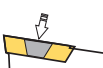
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Size (mm)			#0808 - 1616	#1212 - 3232	#1212 - 2525	#1616 - 3232	#1616 - 2525	#1616 - 3232
ISO Code			SDNCN	SDNCN	SVJB R/L	SVJB R/L	SVHB R/L	SVHB R/L
Cutting Angle			62.5°	62.5°	93°	93°	107.5°	107.5°
Clamping Type	T System		-	-	-	-	-	-
	Page							
	P System		-	-	-	-	-	-
	Page							
	M System		-	-	-	-	-	-
	Page							
	S System		Size Range (mm) #0808 - 1616	Size Range (mm) #1212 - 3232	Size Range (mm) #1212 - 2525	Size Range (mm) #1616 - 3232	Size Range (mm) #1616 - 2525	Size Range (mm) #1616 - 3232
	Page		A45	A45	A47	A47	A48	A48
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	Page				A67			

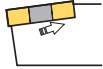
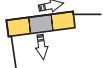
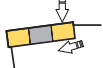
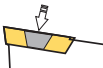
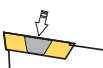
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Size (mm)			#1616 - 2525	#1616 - 3232	#1616 - 2525	#1616 - 3232	#1616 - 2020	#2020 - 3232
ISO Code			SVZB R/L	SVZB R/L	SVVBN	SVVBN	SVJC R/L	SVJC R/L
Cutting Angle			100°	100°	72.5°	72.5°	93°	93°
Clamping Type	T System		-	-	-	-	-	-
	Page							
	P System		-	-	-	-	-	-
	Page							
	M System		-	-	-	-	-	-
	Page							
	S System		Size Range (mm) #1616 - 2525	Size Range (mm) #1616 - 3232	Size Range (mm) #1616 - 2525	Size Range (mm) #1616 - 3232	Size Range (mm) #1616 - 2020	Size Range (mm) #2020 - 3232
	Page		A49	A49	A49	A49	A50	A50
	S System Swiss (K.O)		-	-	-	-	Size Range (mm) #1616 - 2020	Size Range (mm) #2020 - 3232
	Page						A70	A70

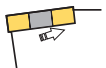
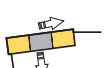
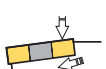
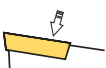
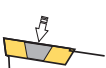
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Size (mm)			#1616 - 2020	#2020 - 3232	#1616 - 2020	#2020 - 3232	#1212 - 1616	#1616 - 2020
ISO Code			SVHC R/L	SVHC R/L	SVVCN	SVVCN	SVAC R/L	SVAC R/L
Cutting Angle			107.5°	107.5°	72.5°	72.5°	90°	90°
Clamping Type	T System		-	-	-	-	-	-
	Page							
	P System		-	-	-	-	-	-
	Page							
	M System		-	-	-	-	-	-
	Page							
	S System		Size Range (mm) #1616 - 2020	Size Range (mm) #2020 - 3232	Size Range (mm) #1616 - 2020	Size Range (mm) #2020 - 3232	-	-
	Page		A50	A50	A51	A51		
	S System Swiss (K.O)		-	-	-	-	Size Range (mm) #1616 - 2020	Size Range (mm) #1616 - 2020
	Page						A70	A70

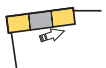
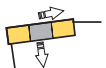
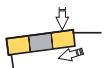
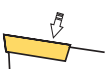
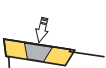
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Size (mm)			#0808 - 1212	#1212 - 2525	#1616 - 2525	#0808 - 1010	#1212 - 2525	#2020 - 2525
ISO Code			SCLC R/L	SCLC R/L	SCLC R/L	SCAC R/L	SCAC R/L	SCAC R/L
Cutting Angle			95°	95°	95°	90°	90°	90°
Clamping Type	T System		-	-	-	-	-	-
	Page							
	P System		-	-	-	-	-	-
	Page							
	M System		-	-	-	-	-	-
	Page							
	S System		Size Range (mm) #0808 - 1212	Size Range (mm) #1212 - 2525	Size Range (mm) #1616 - 2525	Size Range (mm) #0808 - 1010	Size Range (mm) #1212 - 2525	Size Range (mm) #2020 - 2525
	Page		A52	A52	A52	A53	A53	A53
	S System Swiss (K.O)		Size Range (mm) #1010 - 1616	Size Range (mm) #1212 - 2020	-	Size Range (mm) #1010 - 1616	Size Range (mm) #1212 - 1616	-
	Page		A68	A68	-	A69	A69	-

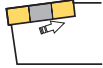
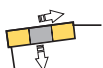
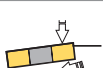
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Size (mm)			#0808 - 1010	#1212 - 2525	#2020 - 2525	#1212 - 2525	#1616 - 2525	#1212 - 2525
ISO Code			SCMCN	SCMCN	SCMCN	SSSC R/L	SSSC R/L	SSDCN
Cutting Angle			50°	50°	50°	45°	45°	45°
Clamping Type	T System		-	-	-			
	Page							
	P System		-	-	-			
	Page							
	M System		-	-	-			
	Page							
	C System		-	-	-			
	Page							
	S System		Size Range (mm) #0808 - 1010	Size Range (mm) #1212 - 2525	Size Range (mm) #2020 - 2525	Size Range (mm) #1212 - 2525	Size Range (mm) #1616 - 2525	Size Range (mm) #1212 - 2525
	Page		A53	A53	A53	A54	A54	A54

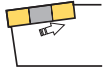
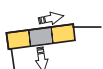
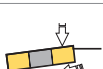
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Size (mm)			#1616 - 2525	#0808 - 1010	#1212 - 1616	#1616 - 3232	#0808 - 1010	#1212 - 1616
ISO Code			SSDCN	STJC R/L	STJC R/L	STJC R/L	STGC R/L	STGC R/L
Cutting Angle			45°	93°	93°	93°	90°	90°
Clamping Type	T System			-	-	-	-	-
	Page							
	P System		-	-	-	-	-	-
	Page							
	M System		-	-	-	-	-	-
	Page							
	S System		✓ Size Range (mm) #1616 - 2525	✓ Size Range (mm) #0808 - 1010	✓ Size Range (mm) #1212 - 1616	✓ Size Range (mm) #1616 - 3232	✓ Size Range (mm) #0808 - 1010	✓ Size Range (mm) #1212 - 1616
	Page		A54	A55	A55	A55	A55	A55
	S System Swiss (K.O)		-	-	-	-	-	✓ Size Range (mm) #1212 - 1616
	Page							A71

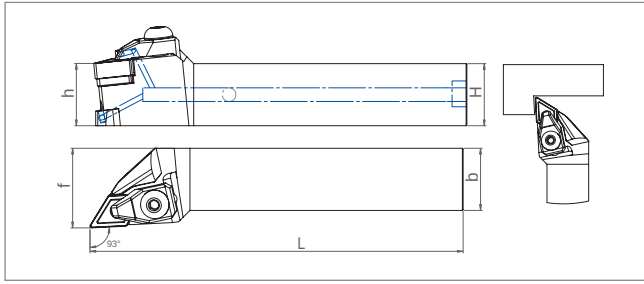
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Size (mm)			#1616 - 3232	#0808 - 1010	#1212 - 1616	#1616 - 3232	#2020	#2020 - 3232
ISO Code			STGC R/L	STFC R/L	STFC R/L	STFC R/L	STNCN	STNCN
Cutting Angle			90°	90°	90°	90°	90°	90°
Clamping Type	T System		-	-	-	-	-	-
	Page							
	P System		-	-	-	-	-	-
	Page							
	M System		-	-	-	-	-	-
	Page							
	S System		✓ Size Range (mm) #1616 - 3232	✓ Size Range (mm) #0808 - 1010	✓ Size Range (mm) #1212 - 1616	✓ Size Range (mm) #1616 - 3232	✓ Size Range (mm) #2020	✓ Size Range (mm) #2020 - 3232
	Page		A55	A56	A56	A56	A57	A57
	S System Swiss (K.O)		✓ Size Range (mm) #1616 - 2020					
	Page		A71					

Insert			TCM. 0902.. ISO	TCM. 1102.. ISO	TCM. 16T3.. ISO	RC.T 1204.. ISO	RC.T 1605.. ISO	
								
Size (mm)			#0808 - 1010	#1212 - 1616	#1616 - 3232	#2525 - 3232	#2525 - 3232	
ISO Code			STUC R/L	STUC R/L	STUC R/L	SRDC R/L	SRDC R/L	
Cutting Angle			93°	93°	93°	-°	-°	
Clamping Type	T System					-	-	
	Page							
	P System					-	-	
	Page							
	M System					-	-	
	Page							
	C System					-	-	
	Page							
	S System		Size Range (mm) #0808 - 1010	Size Range (mm) #1212 - 1616	Size Range (mm) #1616 - 3232	Size Range (mm) #2020 - 3232	Size Range (mm) #2525 - 3232	
	Page		A56	A56	A56	A58	A58	

Insert			RC.T 0602.. ISO	RC.T 0803.. ISO	RC.T 10T3.. ISO	RC.T 1204.. ISO	RC.T 1605.. ISO	RC.T 2006.. ISO
								
Size (mm)			#1616 - 2525	#1616 - 3232	#1616 - 3232	#2020 - 3232	#2525 - 3232	#2525 - 3232
ISO Code			SRGC R/L	SRGC R/L	SRGC R/L	SRGC R/L	SRGC R/L	SRGC R/L
Cutting Angle			-°	-°	-°	-°	-°	-°
Clamping Type	T System		-	-	-	-	-	
	Page							
	P System		-	-	-	-	-	
	Page							
	M System		-	-	-	-	-	
	Page							
	C System		-	-	-	-	-	
	Page							
	S System		Size Range (mm) #1616 - 2525	Size Range (mm) #1616 - 3232	Size Range (mm) #1616 - 3232	Size Range (mm) #2020 - 3232	Size Range (mm) #2525 - 3232	Size Range (mm) #2525 - 3232
	Page		A59	A59	A59	A59	A59	A59

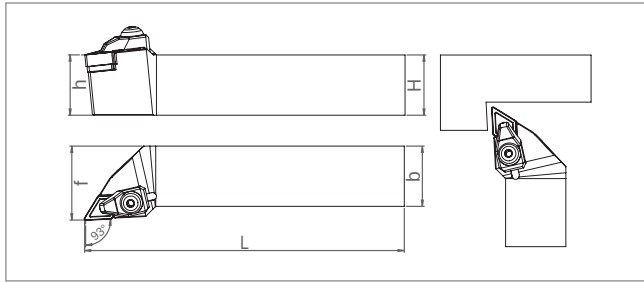
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Size (mm)			#2020 - 2525	#2020 - 2525	#2020 - 2525	#2525	#2525	#2525
ISO Code			SRHC R/L	SRGC R/L	SRHC R/L	SRXC R/L	SRXC R/L	SRXC R/L
Cutting Angle			-°	-°	-°	-°	-°	-°
Clamping Type	T System		-	-	-			
	Page							
	P System		-	-	-			
	Page							
	M System		-	-	-			
	Page							
	C System		-	-	-			
	Page							
	S System		✓ Size Range (mm) #2020 - 2525	✓ Size Range (mm) #2020 - 2525	✓ Size Range (mm) #2020 - 2525	✓ Size Range (mm) #2525	✓ Size Range (mm) #2525	✓ Size Range (mm) #2525
	Page		A60	A60	A60	A60	A60	A60

Insert			RC.T 0602.. ISO	RC.T 0803.. ISO	RC.T 10T3.. ISO	RC.T 1204.. ISO	RC.T 1605.. ISO	RC.T 2006.. ISO
								
Size (mm)			#1616 - 2525	#1616 - 3232	#1616 - 3232	#2020 - 3232	#2525 - 3232	#2525 - 4040
ISO Code			SRDCN	SRDCN	SRDCN	SRDCN	SRDCN	SRDCN
Cutting Angle			-°	-°	-°	-°	-°	-°
Clamping Type	T System		-	-	-	-	-	-
	Page							
	P System		-	-	-	-	-	-
	Page							
	M System		-	-	-	-	-	-
	Page							
	C System		-	-	-	-	-	-
	Page							
	S System		✓ Size Range (mm) #1616 - 2525	✓ Size Range (mm) #1616 - 3232	✓ Size Range (mm) #1616 - 3232	✓ Size Range (mm) #2020 - 3232	✓ Size Range (mm) #2525 - 3232	✓ Size Range (mm) #2525 - 4040
	Page		A61	A61	A61	A61	A61	A61



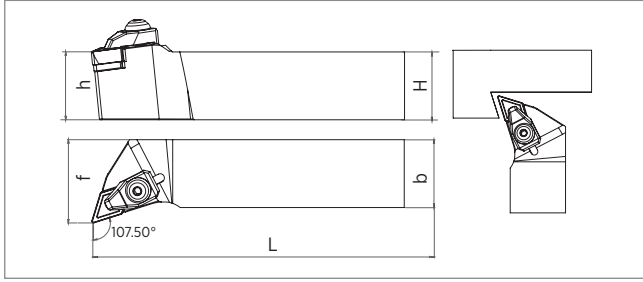
Ordering Code		Item Designation	Dimensions (mm)				Master Insert*
Direction		TDJNR/L-JT (93)	h=H	b	L	f	
Right	Left						
SM56022	SM56039	TDJNR/L 2525 M15-JT	25	25	150	32	DNM.1506..

Cooling accessories are optional / See Page "529" for cooling accessory.
Soğutma ekipmanları opsiyoneldir / Bkz. Sayfa "529" Soğutma aksesuarları için



Ordering Code		Item Designation	Dimensions (mm)				Master Insert*
Direction		TDJNR/L (93)	h=H	b	L	f	
Right	Left						
SM26766	SM00407	TDJNR/L 1616 H11	16	16	100	20	DNM.1104..
SM00353	SM00360	TDJNR/L 2020 K11	20	20	125	26	
SM00346	SM00377	TDJNR/L 2525 M11	25	25	150	32	
SM29675	SM34006	TDJNR/L 2020 K1504	20	20	125	26	DNM.1504..
SM29682	SM33993	TDJNR/L 2525 M1504	25	25	150	32	
SM33948	SM33986	TDJNR/L 3232 P1504	32	32	170	39	
SM00421	SM00469	TDJNR/L 2020 K15	20	20	125	26	DNM.1506..
SM00438	SM00483	TDJNR/L 2525 M15	25	25	150	32	
SM00506	SM00490	TDJNR/L 3232 P15	32	32	170	39	
SM00520	SM00513	TDJNR/L 4040 S15	40	40	250	48	
	SM73685	SM73692	TDJNR/L 5050 S15	50	50	250	60

Size Designation	Master Insert*	Spare Parts						
		Clamp	Screw	Shim	Shim Screw	Stamp	Stamp	Allen Key
1616 - 2525	DNM.1104..							SAK-AA3-9902
2020 - 3232	DNM.1504..	TSK2 9102	TSBV M5x24- 9202	BAX DN11-9601	TSBV M4x10x6-9402	-	-	
2020 - 5050	DNM.1506..	TSK1 9101	TSBV M6x28 9205	BAX DN15 9602	TSBV M4x10 9403	TSP 6.5X12 9705	-	
2525-JT						SMHT G1/8-AA3 9259		

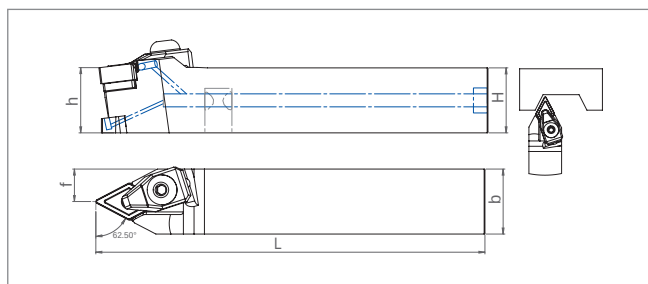


Ordering Code		Item Designation	Dimensions (mm)				Master Insert*
Direction		TDHNR/L (107.5)	h=H	b	L	f	
Right	Left						
SM34044	SM34075	TDHNR/L 2525 M1504	25	25	150	32	DNM.1504..
SM34051	SM34068	TDHNR/L 3232 P1504	32	32	170	38	
SM38783	SM38776	TDHNR/L 2020 K15	20	20	125	26	DNM.1506..
SM26544	SM26926	TDHNR/L 2525 M15	25	25	150	32	
SM26919	SM26933	TDHNR/L 3232 P15	32	32	170	38	

Size Designation	Master Insert*	Spare Parts					
		Clamp	Screw	Shim	Shim Screw	Stamp	Allen Key
1616 - 2525	DNM.1104..					-	SAK-AA3-9902
2020 - 3232	DNM.1504..						
2020 - 5050	DNM.1506..						

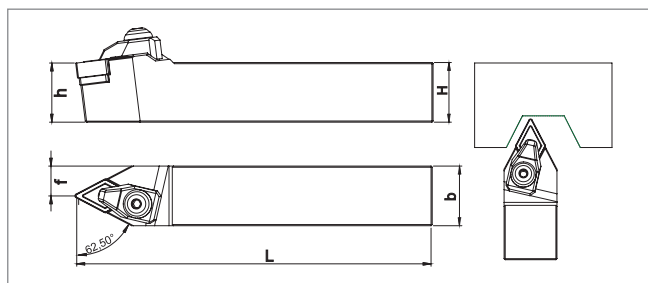
*Suitable Insert is ISO

**Spare Parts Ordering Codes



Ordering Code	Item Designation	Dimensions (mm)				Master Insert*
<i>Direction</i>	TDNNN-JT (62.5)	<i>h=H</i>	<i>b</i>	<i>L</i>	<i>f</i>	
<i>Neutral</i>						
SM56091	TDNNN 2525 M15-JT	25	25	150	12.5	DNM.1506..

Cooling accessories are optional / See Page "529" for cooling accessory.
Soğutma ekipmanları opsiyoneldir / Bkz. Sayfa "529" Soğutma aksesuarları için



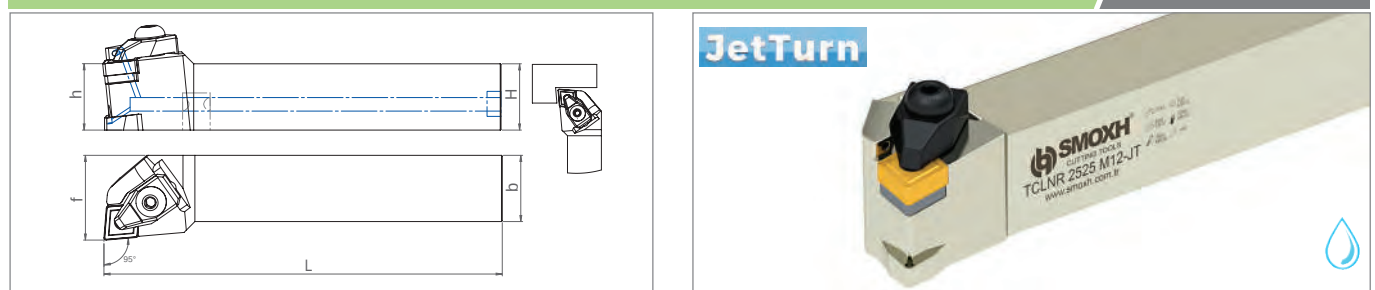
Ordering Code	Item Designation	Dimensions (mm)				Master Insert*
<i>Direction</i>	TDNNN (62.5)	<i>h=H</i>	<i>b</i>	<i>L</i>	<i>f</i>	
<i>Neutral</i>						
SM00414	TDNNN 1616 H11	16	16	100	8	DNM.1104..
SM00384	TDNNN 2020 K11	20	20	125	10	
SM00391	TDNNN 2525 M11	25	25	150	12.5	
SM34013	TDNNN 2020 K1504	20	20	125	10	DNM.1504..
SM34020	TDNNN 2525 M1504	25	25	150	12.5	
SM34037	TDNNN 3232 P1504	32	32	170	16	DNM.1506..
SM00452	TDNNN 2020 K15	20	20	125	10	
SM00476	TDNNN 2525 M15	25	25	150	12.5	
SM00445	TDNNN 3232 P15	32	32	170	16	
SM00537	TDNNN 4040 S15	40	40	250	20	

Size Designation	Master Insert*	Spare Parts						
		Clamp	Screw	Shim	Shim Screw	Stamp	Plig	Allen Key
								
1616 - 2525	DNM.1104..	TSK2 9102	TSBV M5x24- 9202	BAX DN11-9601	TSBV M4x10x6-9402	-	-	SAK- AA3-9902
2020 - 3232	DNM.1504..	TSK1 9101	TSBV M6x28 9205	BAX DN15 9602	TSBV M4x10 9403	TSP 6.5X12 9705	-	
2020 - 5050	DNM.1506..						SMHT G1/8-AA3 9259	
2525-JT								

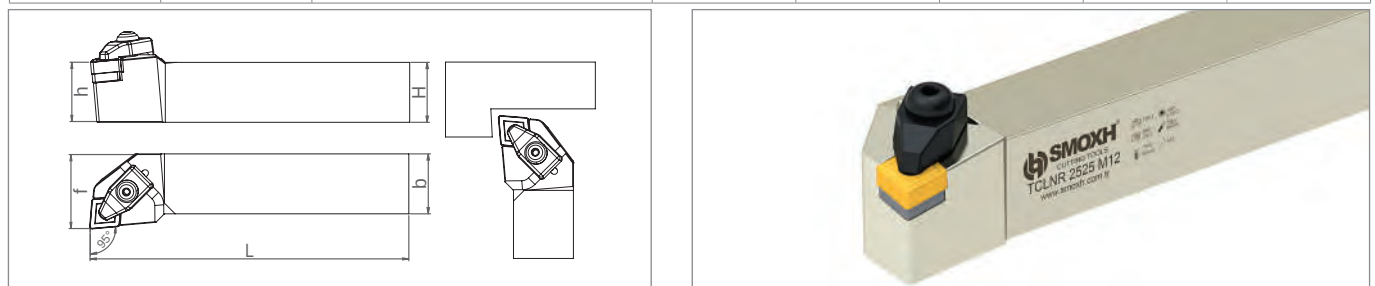
*Suitable Insert is ISO

**Spare Parts Ordering Codes

EXTERNAL TURNING TOOLS

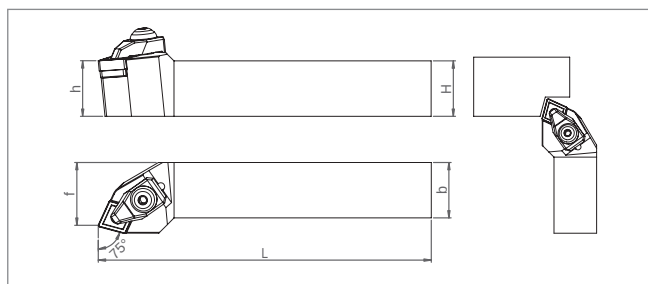


Ordering Code		Item Designation	Dimensions (mm)				Master Insert*
Direction		TCLNR/L-JT (95)	h=H	b	L	f	
Right	Left						
SM56060	SM56077	TCLNR/L 2525 M12-JT	25	25	150	32	CNM.1204..

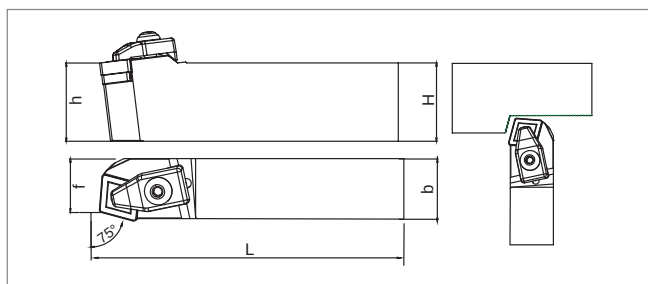


Ordering Code		Description	Dimensions (mm)				Master Insert*
Direction		TCLNR/L (95)	h=H	b	L	f	
Right	Left						
SM00210	SM55377	TCLNR/L 2525 M09	25	25	150	32	CNM.0903..
SM00025	SM00032	TCLNR/L 2020 K12	20	20	125	26	CNM.1204..
SM00056	SM00063	TCLNR/L 2525 M12	25	25	150	32	
SM00087	SM00094	TCLNR/L 3232 P12	32	32	170	39	
SM27091	SM27107	TCLNR/L 4040 S12	40	40	250	48	
SM00148	SM00155	TCLNR/L 2525 M16	25	25	150	32	CNM.1606..
SM00179	SM00186	TCLNR/L 3232 P16	32	32	170	40	
SM00209	SM00193	TCLNR/L 4040 S16	40	40	250	49	
 SM73708	SM73715	TCLNR/L 5050 S16	50	50	250	60	CNM.1906..
 SM78178	SM78185	TCLNR/L 2525 M19	25	25	150	32	
SM00261	SM00278	TCLNR/L 3232 P19	32	32	170	40	
SM00285	SM00292	TCLNR/L 4040 S19	40	40	250	49	
 SM73722	SM73739	TCLNR/L 5050 S19	50	50	250	60	

Size Designation	Master Insert*	Spare Parts						
		Clamp	Screw	Shim	Shim Screw	Stamp	Plug	Allen Key
2525	CNM.0903..							
2020 - 4040	CNM.1204..	TSK2-9102	TSBV M5x24- 9202	BAX CC09-9616	TSBV M4x10- 9402	-	-	SAK- AA3-9902
2525 - 5050	CNM.1606..	TSK1-9101	TSBV M6x28- 9205	BAX CN12-9603	TSBV M4x10- 9403	TSP 6.5x12-9705	-	
2525 - 5050	CNM.1606..	TSK3-9103	TSBV M6x28x7 9206	BAX CN16-9604	TSBV M6x14x9 9404	-	-	SAK- AA4-9903
2525 - 5050	CNM.1906..	TSK4-9104	TSBV M8x30- 9207	BAX CN19-9605	TSBV M6x16x11 9406	-	-	
2525-JT	CNM.1204..	TSK1-9101	TSBV M6x28- 9205	BAX CN12-9603	TSBV M4x10- 9403	TSP 6.5x12-9705	SMHT G1/8-AA3 9259	

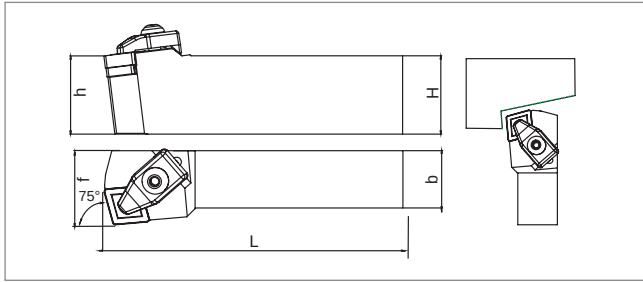


Ordering Code		Item Designation	Dimensions (mm)				Master Insert*
Direction		TCRNR/L (75)	h=H	b	L	f	
Right	Left						
SM00388	SM00395	TCRNR/L 2020 K12	20	20	125	23	CNM.1204..
SM00401	SM00418	TCRNR/L 2525 M12	25	25	150	29	
SM00432	SM00449	TCRNR/L 2525 M16	25	25	150	29	CNM.1606..
SM00456	SM00463	TCRNR/L 3232 P16	32	32	170	34.5	



Ordering Code		Item Designation	Dimensions (mm)				Master Insert*
Direction		TCBNR/L (75)	h=H	b	L	f	
Right	Left						
SM34082	SM34099	TCBNR/L 2525 M12	25	25	150	23	CNM.1204..
SM34112	SM34105	TCBNR/L 2525 M16	25	25	150	22.5	CNM.1606..
SM78925	SM78932	TCBNR/L 2525 M19	25	25	150	22.5	CNM.1906..
SM49055	SM49062	TCBNR/L 3232 P19	32	32	170	28	

Size Designation	Master Insert*	Spare Parts					
		Clamp	Screw	Shim	Shim Screw	Stamp	Allen Key
							
2525	CNM.0903..	TSK2-9102	TSBV M5x24-9202	BAX CC09-9616	TSAV M4x10x6-9402	-	SAK- AA3-9902
2020 - 4040	CNM.1204..	TSK1-9101	TSBV M6x28-9205	BAX CN12-9603	TSAV M4x10-9403	TSP 6.5x12-9705	
2525 - 5050	CNM.1606..	TSK3-9103	TSBV M6x28x7-9206	BAX CN16-9604	TSAV M6x14x9-9404	-	SAK- AA4-9903
3232 - 5050	CNM.1906..	TSK4-9104	TSBV M8x30-9207	BAX CN19-9605	TSAV M6x16x11-9406		

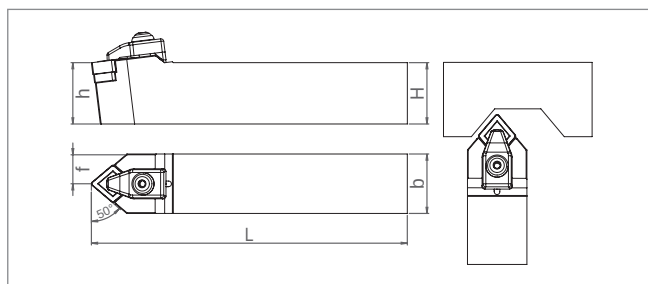


Ordering Code		Item Designation	Dimensions (mm)				Master Insert*
Direction		TCKNR/L (75)	h=H	b	L	f	
Right	Left						
SM44609	SM44616	TCKNR/L 2020 K12	20	20	125	26	CNM.1204..
SM44623	SM44630	TCKNR/L 2525 M12	25	25	150	32	
SM44647	SM44654	TCKNR/L 2525 M16	25	25	150	32	CNM.1606..
SM44661	SM44678	TCKNR/L 3232 P16	32	32	170	40	

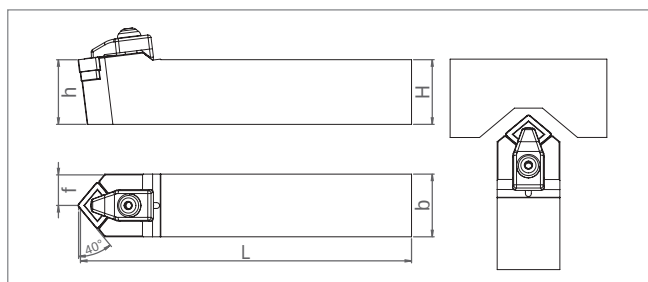
Size Designation	Master Insert*	Spare Parts					
		Clamp 	Screw 	Shim 	Shim Screw 	Stamp 	Allen Key 
2525	CNM.0903..	TSK2-9102	TSBV M5x24-9202	BAX CC09-9616	TSAV M4x10x6-9402	-	SAK- AA3-9902
2020 - 4040	CNM.1204..	TSK1-9101	TSBV M6x28-9205	BAX CN12-9603	TSAV M4x10-9403	TSP 6.5x12-9705	
2525 - 5050	CNM.1606..	TSK3-9103	TSBV M6x28x7-9206	BAX CN16-9604	TSAV M6x14x9-9404	-	SAK- AA4-9903
3232 - 5050	CNM.1906..	TSK4-9104	TSBV M8x30-9207	BAX CN19-9605	TSAV M6x16x11-9406		

*Suitable Insert is ISO

**Spare Parts Ordering Codes

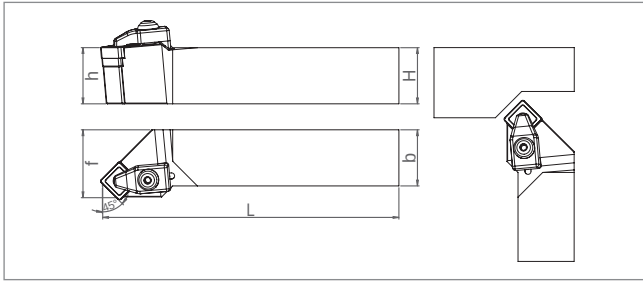


Ordering Code	Item Designation	Dimensions (mm)				Master Insert*
<i>Direction</i>	TCMNN (50)	<i>h=H</i>	<i>b</i>	<i>L</i>	<i>f</i>	
<i>Neutral</i>						
SM00131	TCMNN 1616 H12	16	16	100	8	CNM.1204..
SM00117	TCMNN 2020 K12	20	20	125	10	
SM00124	TCMNN 2525 M12	25	25	150	12.5	
SM00018	TCMNN 3232 P12	32	32	170	16	
SM00230	TCMNN 2525 M16	25	25	150	12.5	CNM.1606..
SM00247	TCMNN 3232 P16	32	32	170	16	
SM00216	TCMNN 4040 S16	40	40	250	20	
SM00339	TCMNN 3232 P19	32	32	170	16	CNM.1906..
SM00308	TCMNN 4040 S19	40	40	250	20	

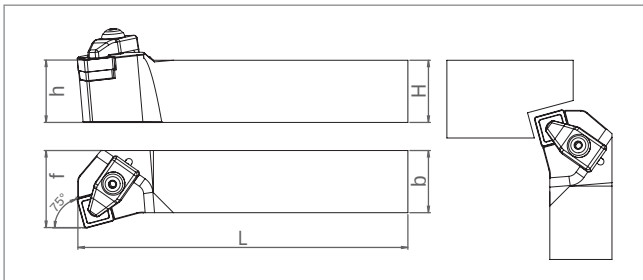


Ordering Code	Item Designation	Dimensions (mm)				Master Insert*
<i>Direction</i>	TCZNN (40)	<i>h=H</i>	<i>b</i>	<i>L</i>	<i>f</i>	
<i>Neutral</i>						
SM00049	TCZNN 2020 K12	20	20	125	10	CNM.1204..
SM00070	TCZNN 2525 M12	25	25	150	12.5	
SM00100	TCZNN 3232 P12	32	32	170	16	
SM00162	TCZNN 2525 M16	25	25	150	12.5	
SM00254	TCZNN 3232 P16	32	32	170	16	CNM.1606..
SM00223	TCZNN 4040 S16	40	40	250	20	
SM00322	TCZNN 3232 P19	32	32	170	16	
SM00315	TCZNN 4040 S19	40	40	250	20	CNM.1906..

Size Designation	Master Insert*	Spare Parts					
		Clamp	Screw	Shim	Shim Screw	Stamp	Allen Key
1616							
2020 - 4040							
2525 - 4040	CNM.1204..	TSK1-9101	TSBV M6x27-9203 TSBV M6x28-9205	BAX CN12-9603	TSBV M4x10-9403	TSP 6.5x12-9705	SAK- AA3-9902
3232 - 4040	CNM.1606..	TSK3-9103	TSBV M6x28x7-9206 TSBV M8x30-9207	BAX CN16-9604 BAX CN19-9605	TSBV M6x14x9-9404 TSBV M6x16x11-9406	-	SAK- AA4-9903



Ordering Code		Item Designation	Dimensions (mm)				Master Insert*
Direction		TSSNR/L (45)	h=H	b	L	f	
Right	Left						
SM00544	SM00551	TSSNR/L 2020 K12	20	20	125	26	SNM.1204..
SM00575	SM00582	TSSNR/L 2525 M12	25	25	150	32	
SM00605	SM00612	TSSNR/L 3232 P12	32	32	170	38	
SM00735	SM00759	TSSNR/L 2525 M15	25	25	150	32	SNM.1506..
SM00766	SM00797	TSSNR/L 3232 P15	32	32	170	40	
SM00704	SM00711	TSSNR/L 4040 S15	40	40	250	49	
SM73760	SM73777	TSSNR/L 5050 S15	50	50	250	60	SNM.1906..
SM49079	SM49086	TSSNR/L 3232 P19	32	32	170	40	
SM49093	SM49109	TSSNR/L 4040 S19	40	40	250	49	
SM73784	SM73791	TSSNR/L 5050 S19	50	50	250	60	

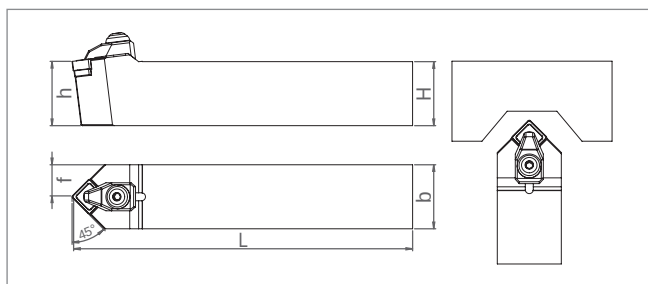


Ordering Code		Item Designation	Dimensions (mm)				Master Insert*
Direction		TSKNR/L (75)	h=H	b	L	f	
Right	Left						
SM00636	SM00643	TSKNR/L 2020 K12	20	20	125	26	SNM.1204..
SM00650	SM00667	TSKNR/L 2525 M12	25	25	150	32	
SM00674	SM00681	TSKNR/L 3232 P12	32	32	170	39	
SM00803	SM00810	TSKNR/L 2525 M15	25	25	150	32	SNM.1506..
SM00780	SM00698	TSKNR/L 3232 P15	32	32	170	39	

Size Designation	Master Insert*	Spare Parts					
		Clamp	Screw	Shim	Shim Screw	Stamp	Allen Key
2020 - 3232	SNM.1204..						
2525 - 5050	SNM.1506..	TSK1-9101	TSBV M6x28-9205	BAX SN12-9608	TSBV M6x28x7-9206	TSP 6.5x12-9705	SAK- AA3-9902
3232 - 5050	SNM.1906..	TSK3-9103	TSBV M6x28x7-9206	BAX SN15-9609	TSBV M8x30-9207	-	SAK- AA4-9903

*Suitable Insert is ISO

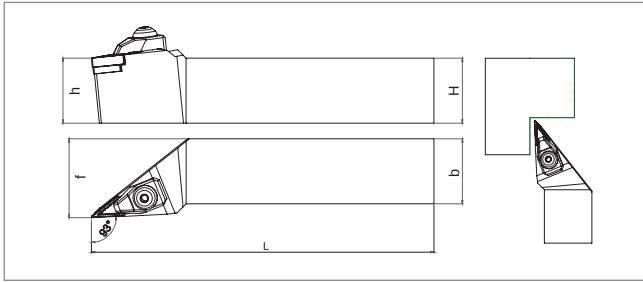
**Spare Parts Ordering Codes



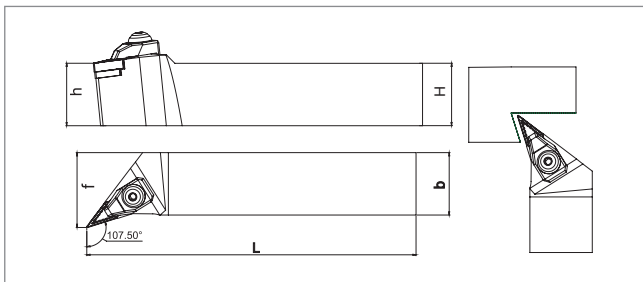
Ordering Code	Item Designation	Dimensions (mm)				Master Insert*
<i>Direction</i>	TSDNN (45)	<i>h=H</i>	<i>b</i>	<i>L</i>	<i>f</i>	
<i>Neutral</i>						
SM00568	TSDNN 2020 K12	20	20	125	10	SNM.1204..
SM00599	TSDNN 2525 M12	25	25	150	12.5	
SM00629	TSDNN 3232 P12	32	32	170	16	
SM00742	TSDNN 2525 M15	25	25	150	12.5	SNM.1506..
SM00773	TSDNN 3232 P15	32	32	170	16	
SM00728	TSDNN 4040 S15	40	40	250	20	

Size Designation	Master Insert*	Spare Parts					
		Clamp	Screw	Shim	Shim Screw	Stamp	Allen Key
							
2020 - 3232	SNM.1204..	TSK1-9101	TSBV M6x28-9205	BAX SN12-9608	TSAV M4x10-9403	TSP 6.5x12-9705	SAK- AA3-9902
2525 - 4040	SNM.1506..	TSK3-9103	TSBV M6x28x7-9206	BAX SN15-9609	TSAV M6x14x9-9404	-	
3232 - 4040	SNM.1906..	TSK4-9104	TSBV M8x30-9207	BAX SN19-9629	TSAV M6x16x11-9406		SAK- AA4-9903

EXTERNAL TURNING TOOLS



Ordering Code		Item Designation	Dimensions (mm)				Master Insert*
Direction		TVJNR/L (93)	$h=H$	b	L	f	
Right	Left						
SM01015	SM01084	TVJNR/L 2020 K16	20	20	125	26	VNM.1604..
SM01039	SM01046	TVJNR/L 2525 M16	25	25	150	32	
SM01060	SM01077	TVJNR/L 3232 P16	32	32	170	38	
SM32514	SM32521	TVJNR/L 4040 S16	40	40	250	48	

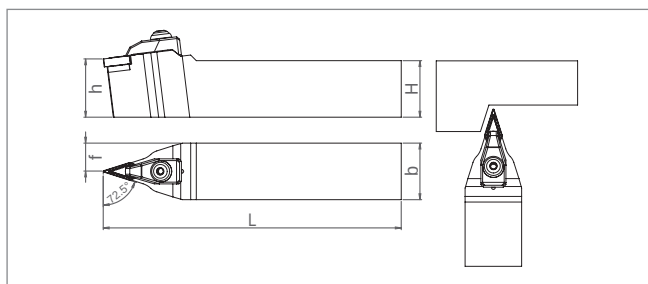


Ordering Code		Item Designation	Dimensions (mm)				Master Insert*
Direction		TVHNR/L (107.5)	$h=H$	b	L	f	
Right	Left						
SM23796	SM23802	TVHNR/L 2020 K16	20	20	125	26	VNM.1604..
SM23819	SM23826	TVHNR/L 2525 M16	25	25	150	32	
SM27114	SM27121	TVHNR/L 3232 P16	32	32	170	38	

Size Designation	Master Insert*	Spare Parts					
		Clamp 	Screw 	Shim 	Shim Screw 	Stamp 	Allen Key 
2020	VNM.1604..	TSK5-9105	TSBV M6x28-9205	BAX VN16-9612	TSAV M4x10x6 9402	TSP 6.5x12-9705	SAK- AA3-9902
2525 - 4040							

*Suitable Insert is ISO

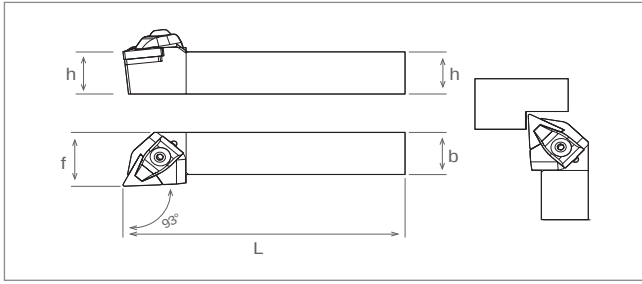
**Spare Parts Ordering Codes



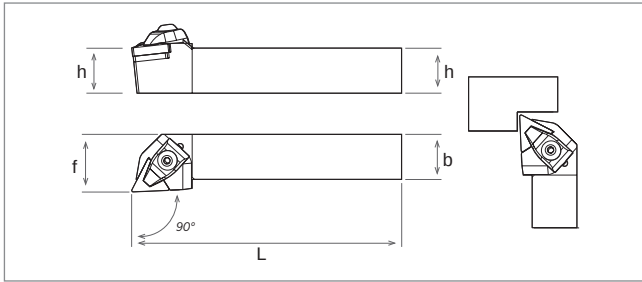
Ordering Code	Item Designation	Dimensions (mm)				Master Insert*
<i>Direction</i>	TVVNN (72.5)	<i>h=H</i>	<i>b</i>	<i>L</i>	<i>f</i>	
<i>Neutral</i>						
SM01022	TVVNN 2020 K16	20	20	125	10	VNM.1604..
SM01053	TVVNN 2525 M16	25	25	150	12.5	
SM01091	TVVNN 3232 P16	32	32	170	16	
SM32538	TVVNN 4040 S16	40	40	250	20	

Size Designation	Master Insert*	Spare Parts					
		Clamp	Screw	Shim	Shim Screw	Stamp	Allen Key
							
2020	VNM.1604..	TSK5-9105	TSBV M6x28-9205	BAX VN16-9612	TSAV M4x10x6 9402	TSP 6.5x12-9705	SAK- AA3-9902
2525 - 4040							

EXTERNAL TURNING TOOLS



Ordering Code		Item Designation	Dimensions (mm)				Master Insert*
Direction		TTJNR/L(93)	h=H	b	L	f	
Right	Left						
SM00827	SM00834	TTJNR/L 2020 K16	20	20	125	26	TNM.1604..
SM00858	SM00865	TTJNR/L 2525 M16	25	25	150	32	
SM00889	SM00896	TTJNR/L 3232 P16	32	32	170	38	
SM00919	SM00926	TTJNR/L 2525 M22	25	25	150	32	TNM.2204..
SM00940	SM00957	TTJNR/L 3232 P22	32	32	170	38	
SM00971	SM00988	TTJNR/L 4040 S22	40	40	250	48	

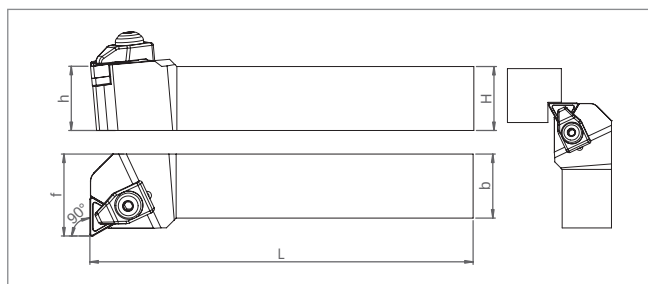


Ordering Code		Item Designation	Dimensions (mm)				Master Insert*
Direction		TTGNR/L (90)	h=H	b	L	f	
Right	Left						
SM44449	SM44456	TTGNR/L 2020 K16	20	20	125	26	TNM.1604..
SM44463	SM44470	TTGNR/L 2525 M16	25	25	150	32	
SM49116	SM49123	TTGNR/L 3232 P16	32	32	170	38	
SM44487	SM44494	TTGNR/L 2525 M22	25	25	150	32	TNM.2204..
SM44500	SM44517	TTGNR/L 3232 P22	32	32	170	38	
SM49130	SM51409	TTGNR/L 4040 S22	40	40	250	48	

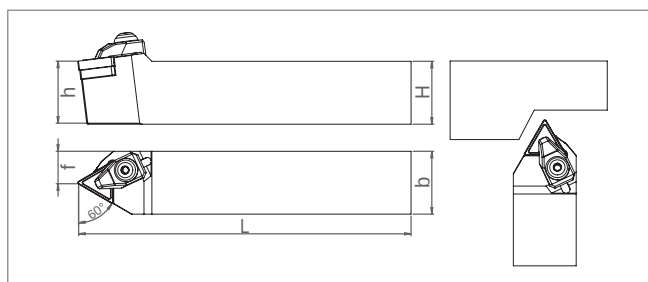
Descriptions	Master Insert*	Spare Parts					
		Clamp 	Screw 	Shim 	Shim Screw 	Stamp 	Allen Key 
2020 - 3232	TNM.1604..	TSK2-9102	TSBV M5x24-9202	BAX TN16-9610	TSBV M4x10x6-9402	-	SAK- AA3-9902
2525 - 4040	TNM.2204..	TSK1-9101	TSBV M6x28-9205	BAX TN22-9611	TSBV M4x10-9403	TSP 6.5x12-9705	

*Suitable Insert is ISO

**Spare Parts Ordering Codes



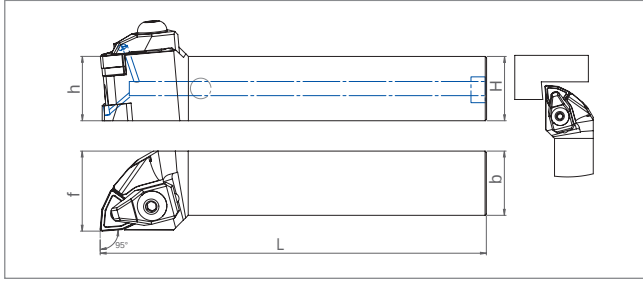
Ordering Code		Item Designation	Dimensions (mm)				Master Insert*
Direction		TTFNR/L (90)	h=H	b	L	f	
Right	Left						
SM44524	SM44531	TTFNR/L 2020 K16	20	20	125	26	TNM.1604..
SM44548	SM44555	TTFNR/L 2525 M16	25	25	150	32	
SM49154	SM49161	TTFNR/L 3232 P16	32	32	170	39	
SM44562	SM44579	TTFNR/L 2525 M22	25	25	150	32	TNM.2204..
SM44586	SM44593	TTFNR/L 3232 P22	32	32	170	39	
SM49178	SM49185	TTFNR/L 4040 S22	40	40	250	48	



Ordering Code	Item Designation	Dimensions (mm)				Master Insert*
<i>Direction</i>	<i>TTENN (60)</i>	<i>h=H</i>	<i>b</i>	<i>L</i>	<i>f</i>	
<i>Neutral</i>						
SM00841	TTENN 2020 K16	20	20	125	10	TNM.1604..
SM00872	TTENN 2525 M16	25	25	150	12.5	
SM00902	TTENN 3232 P16	32	32	170	16	
SM00933	TTENN 2525 M22	25	25	150	12.5	TNM.2204..
SM00964	TTENN 3232 P22	32	32	170	16	
SM00995	TTENN 4040 S22	40	40	250	20	

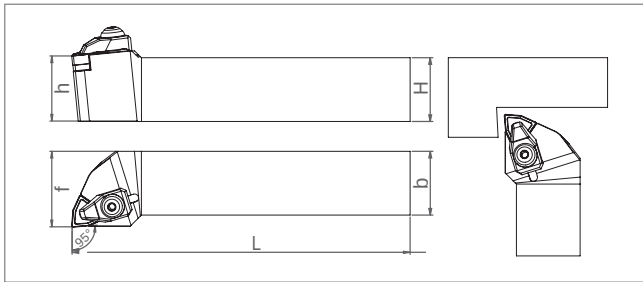
Size Designation	Master Insert*	Spare Parts					
		Clamp 	Screw 	Shim 	Shim Screw 	Stamp 	Allen Key 
2020 - 3232	TNM.1604..	TSK2-9102	TSBV M5x24-9202	BAX TN6-9610	TSBV M4x10x6-9402	-	SAK- AA3-9902
2525 - 4040	TNM.2204..	TSK1-9101	TSBV M6x28-9205	BAX TN22-9611	TSBV M4x10-9403	TSP 6.5x12-9705	

EXTERNAL TURNING TOOLS



Ordering Code		Description	Dimensions (mm)				Master Insert*
Direction		TWLNR/L-JT (95)	h=H	b	L	f	
Right	Left						
SM56046	SM56053	TWLNR/L 2525 M08-JT	25	25	150	32	WNM.0804..

Cooling accessories are optional / See Page "529" for cooling accessory.
Soğutma ekipmanları opsiyoneldir / Bkz. Sayfa "529" Soğutma aksesuarları için

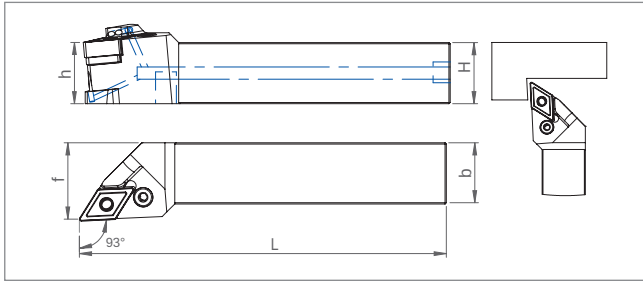


Ordering Code		Item Designation	Dimensions (mm)				Master Insert*
Direction		TWLNR/L (95)	h=H	b	L	f	
Right	Left						
SM01107	SM01114	TWLNR/L 1616 H06	16	16	100	20	WNM.0604..
SM01121	SM01138	TWLNR/L 2020 K06	20	20	125	26	
SM01145	SM01152	TWLNR/L 2525 M06	25	25	150	32	
SM01176	SM01169	TWLNR/L 2020 K08	20	20	125	25	WNM.0804..
SM01206	SM01183	TWLNR/L 2525 M08	25	25	150	32	
SM01213	SM01190	TWLNR/L 3232 P08	32	32	170	38	
SM01220	SM01237	TWLNR/L 4040 S08	40	40	250	48	
SM73746	SM73753	TWLNR/L 5050 S08	50	50	250	60	

Size Designation	Master Insert*	Spare Parts						
		Clamp	Screw	Shim	Shim Screw	Stamp	Plug	Allen Key
1616 - 2525	WNM.0604..							SAK-AA3-9902
2020 - 5050	WNM.0804..	TSK2-9102	TSBV M5x24-9202	BAX WN06-9606	CSAV M3x10-9401	-	-	
2525-JT			TSBV M6x28-9205	BAX WN08-9607	TSAV M4x10-9403	TSP 6.5x12-9705	SMHT G1/8-AA3 9259	

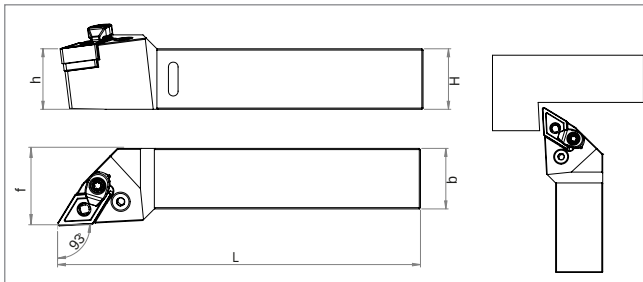
*Suitable Insert is ISO

**Spare Parts Ordering Codes



Ordering Code		Description	Dimensions (mm)				Master Insert*
Direction		PDJNR/L-JT (93)	$h=H$	b	L	f	
Right	Left						
SM73890	SM73906	PDJNR/L 2020 K15-JT	20	20	125	26	DNM.1506..
SM50747	SM50754	PDJNR/L 2525 M15-JT	25	25	150	32	
SM73913	SM73920	PDJNR/L 3232 P15-JT	32	32	170	39	

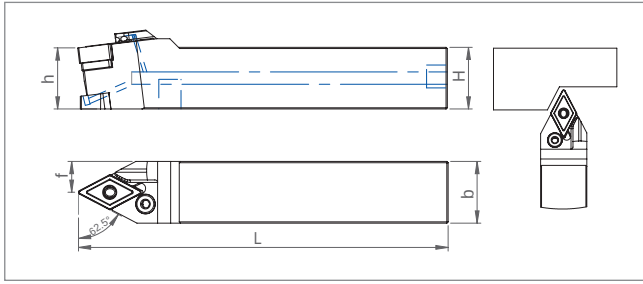
Cooling accessories are optional / See Page "529" for cooling accessory.
Soğutma ekipmanları opsiyoneldir / Bkz. Sayfa "529" Soğutma aksesuarları için



Ordering Code		Item Designation	Dimensions (mm)				Master Insert*
Direction		PDJNR/L (93)	$h=H$	b	L	f	
Right	Left						
SM01794	SM01800	PDJNR/L 2020 K15	20	20	125	26	DNM.1506..
SM01817	SM01824	PDJNR/L 2525 M15	25	25	150	32	
SM01831	SM01848	PDJNR/L 3232 P15	32	32	170	39	
SM25967	SM25950	PDJNR/L 4040 S15	40	40	250	48	

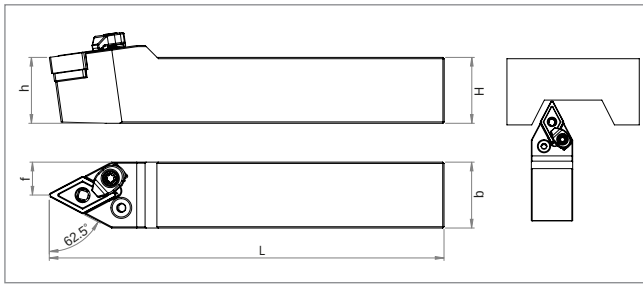
Size Designation	Master Insert*	Spare Parts									
		Lever	Lever Screw	Allen Key	Shim Spring	Shim	Clamp	Clamp Screw	Plug	Torx Key	
2020	DNM.1506..										
2525 - 4040		SPL4 9123	SLV4 M8x21 9229	SAK- AA3-9902	SLAY1 9701	BAX DN15- 9602	PSK2 9126	SSV M3.5x11 9532	-	STK-T15 9910	
2525-JT							-	-	SMHT G1/8- AA3 9259	-	

EXTERNAL TURNING TOOLS



Ordering Code	Item Designation	Dimensions (mm)				Master Insert*
<i>Direction</i>	PDNNN-JT (62.5)	<i>h=H</i>	<i>b</i>	<i>L</i>	<i>f</i>	
<i>Neutral</i>						
SM50792	PDNNN 2525 M15-JT	25	25	150	12.5	DNM.1506..

Cooling accessories are optional / See Page "529" for cooling accessory.
Soğutma ekipmanları opsiyoneldir / Bkz. Sayfa "529" Soğutma aksesuarları için

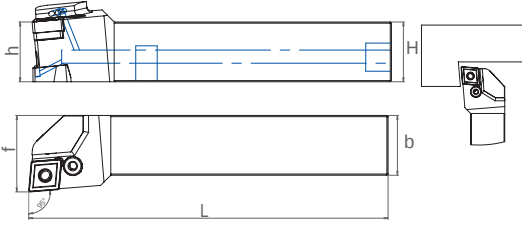


Ordering Code	Item Designation	Dimensions (mm)				Master Insert*
<i>Direction</i>	PDNNN (62.5)	<i>h=H</i>	<i>b</i>	<i>L</i>	<i>f</i>	
<i>Neutral</i>						
SM25943	PDNNN 2020 K15	20	20	125	10	DNM.1506..
SM22409	PDNNN 2525 M15	25	25	150	12.5	
SM25936	PDNNN 3232 P15	32	32	170	16	
SM34297	PDNNN 4040 S15	40	40	250	20	

Size Designation	Master Insert*	Spare Parts									
		Lever	Lever Screw	Allen Key	Shim Spring	Shim	Clamp	Clamp Screw	Plug	Torx Key	
2020	DNM.1506..										
2525 - 4040		SPL4 9123	SLV4 M8x21 9229	SAK- AA3-9902	SLAY1 9701	BAX DN15- 9602	PSK2 9126	SSV M3.5x11 9532	-	STK-T15 9910	
2525-JT							-	-	SMHT G1/8- AA3 9259		

*Suitable Insert is ISO

**Spare Parts Ordering Codes

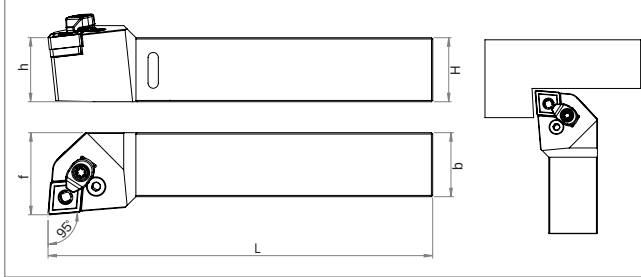


JetTurn



Ordering Code		Description	Dimensions (mm)				Master Insert*
Direction		PCLNR/L-JT (95)	h=H	b	L	f	
Right	Left						
SM73975	SM73982	PCLNR/L 2020 K12-JT	20	20	125	26	CNM.1204..
SM50846	SM50853	PCLNR/L 2525 M12-JT	25	25	150	32	
SM73999	SM74002	PCLNR/L 3232 M12-JT	32	32	170	39	CNM.1606..
SM50884	SM50891	PCLNR/L 2525 M16-JT	25	25	150	32	

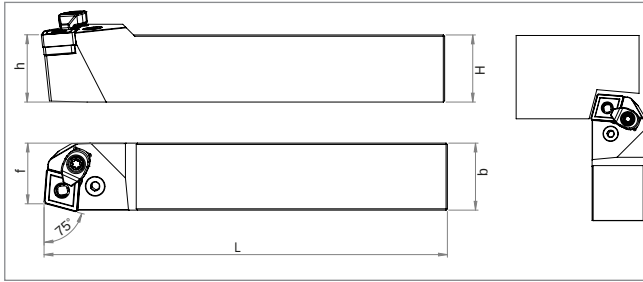
Cooling accessories are optional / See Page "529" for cooling accessory.
Soğutma ekipmanları opsiyoneldir / Bkz. Sayfa "529" Soğutma aksesuarları için



Ordering Code		Item Designation	Dimensions (mm)				Master Insert*
Direction		PCLNR/L (95)	h=H	b	L	f	
Right	Left						
SM01619	SM01626	PCLNR/L 2020 K12	20	20	125	26	CNM.1204..
SM01640	SM01657	PCLNR/L 2525 M12	25	25	150	32	
SM01671	SM01688	PCLNR/L 3232 P12	32	32	170	39	
SM01701	SM01718	PCLNR/L 2525 M16	25	25	150	32	CNM.1606..
SM01732	SM01749	PCLNR/L 3232 P16	32	32	170	39	
SM01763	SM01770	PCLNR/L 3232 P19	32	32	170	40	CNM.1906..
SM25905	SM25899	PCLNR/L 4040 S19	40	40	250	49	

Size Designation	Master Insert*	Spare Parts								
		Lever	Lever Screw	Allen Key	Shim Spring	Shim	Clamp	Clamp Screw	Plug	Torx Key
										
2020	CNM.1204..	SPL1-9120	SLV1 M8x20-9224	SAK-AA3-9902	SLAY1-9701	BAX CN12-9603	PSK2 9126	SSV M3.5x11 9532	-	STK-T15 9910
2525 - 3232							-	-	SMHT G1/8-AA3 9259	-
2020 - 3232-JT							-	-	SMHT G1/8-AA3 9259	-
2525 - 3232	CNM.1606..	SPL2-9121	SLV2 M8x24-9225	SAK-AA3-9902	SLAY2-9702	BAX CN16-9604	PSK2 9126	SSV M3.5x11 9532	-	STK-T15 9910
2525-JT							-	-	SMHT G1/8-AA3 9259	-
3232 - 4040	CNM.1906..	SPL3-9122	SLV3 M10x29-9226	SAK-AA4-9903	SLAY3-9703	BAX CN19-9605	PSK3 9127	SSV M6x16 9520		STK-T20 9911

EXTERNAL TURNING TOOLS

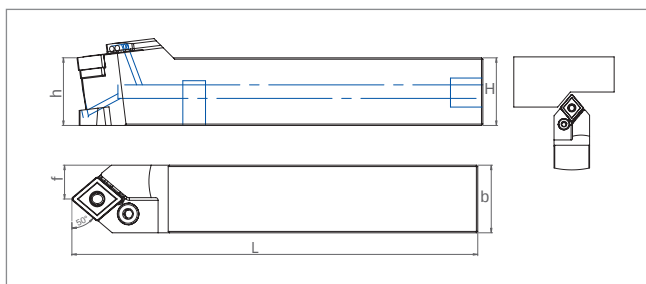


Ordering Code		Item Designation	Dimensions (mm)				Master Insert*
Direction		PCBNR/L (75)	h=H	b	L	f	
Right	Left						
SM34204	SM34198	PCBNR/L 2020 K12	20	20	125	17.5	CNM.1204..
SM22447	SM22454	PCBNR/L 2525 M12	25	25	150	23	
SM25868	SM25851	PCBNR/L 3232 P12	32	32	170	28.5	
SM34211	SM34228	PCBNR/L 2525 M16	25	25	150	22.5	CNM.1606..
SM34235	SM34242	PCBNR/L 3232 P16	32	32	170	28.5	
SM34266	SM34259	PCBNR/L 3232 P19	32	32	170	28	CNM.1906..
SM34273	SM34280	PCBNR/L 4040 S19	40	40	250	36	

Size Designation	Master Insert*	Spare Parts							
		Lever	Lever Screw	Allen Key	Shim Spring	Shim	Clamp	Clamp Screw	Torx Key
2020	CNM.1204..								
2525 - 3232									
2525 - 3232	CNM.1606..	SPL2-9121	SLV2 M8x24-9225	SAK-AA3-9902	SLAY2-9702	BAX CN16-9604	PSK2 9126	SSV M3.5x11 9532	STK-T15 9910
3232 - 4040	CNM.1906..	SPL3-9122	SLV3 M10x29-9226	SAK-AA4-9903	SLAY3-9703	BAX CN19-9605	PSK3 9127	SSV M6x16 9520	STK-T20 9911

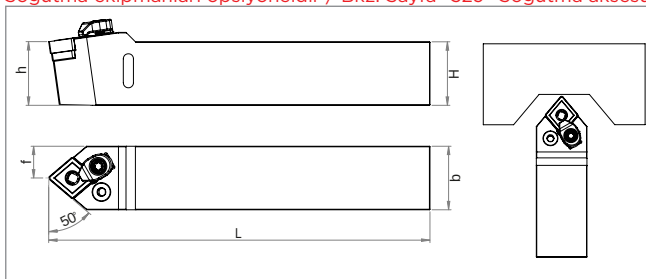
*Suitable Insert is ISO

**Spare Parts Ordering Codes



Ordering Code	Item Designation	Dimensions (mm)				Master Insert*
<i>Direction</i>	PCMNN-JT (50)	<i>h=H</i>	<i>b</i>	<i>L</i>	<i>f</i>	
<i>Neutral</i>						
SM50969	PCMNN 2525 M12-JT	25	25	150	12.5	CNM.1204..
SM50983	PCMNN 2525 M16-JT	25	25	150	12.5	CNM.1606..

Cooling accessories are optional / See Page "529" for cooling accessory.
Soğutma ekipmanları opsiyoneldir / Bkz. Sayfa "529" Soğutma aksesuarları için



Ordering Code	Item Designation	Dimensions (mm)				Master Insert*
<i>Direction</i>	PCMNN (50)	<i>h=H</i>	<i>b</i>	<i>L</i>	<i>f</i>	
<i>Neutral</i>						
SM01633	PCMNN 2020 K12	20	20	125	10	CNM.1204..
SM01664	PCMNN 2525 M12	25	25	150	12.5	
SM01695	PCMNN 3232 P12	32	32	170	16	
SM01725	PCMNN 2525 M16	25	25	150	12.5	CNM.1606..
SM01756	PCMNN 3232 P16	32	32	170	16	
SM01787	PCMNN 3232 P19	32	32	170	16	CNM.1906..
SM34129	PCMNN 4040 S19	40	40	250	20	

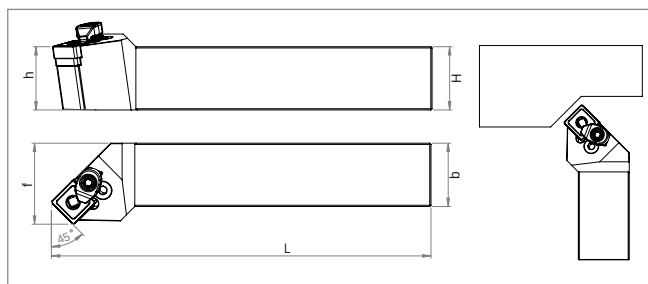
Size Designation	Master Insert*	Spare Parts								
		Lever	Lever Screw	Allen Key	Shim Spring	Shim	Clamp	Clamp Screw	Plug	Torx Key
										
2020	CNM.1204..	SPL1-9120	SLV1 M8x20-9224	SAK-AA3-9902	SLAY1-9701	BAX CN12-9603	PSK2 9126	SSV M3.5x11 9532	-	STK-T15 9910
2525 - 3232							-	-	SMHT G1/8-AA3 9259	-
2020 - 3232-JT							-	-	SMHT G1/8-AA3 9259	-
2525 - 3232	CNM.1606..	SPL2-9121	SLV2 M8x24-9225		SLAY2-9702	BAX CN16-9604	PSK2 9126	SSV M3.5x11 9532	-	STK-T15 9910
2525-JT				-			-	SMHT G1/8-AA3 9259	-	
3232 - 4040	CNM.1906..	SPL3-9122	SLV3 M10x29-9226	SAK-AA4-9903			SLAY3-9703	BAX CN19-9605	PSK3 9127	SSV M6x16 9520

*Suitable Insert is ISO

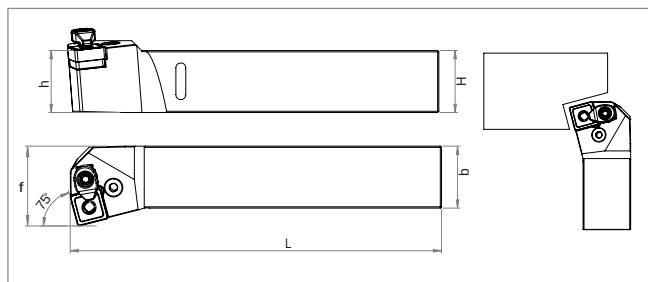
**Spare Parts Ordering Codes



A: 33 // 533



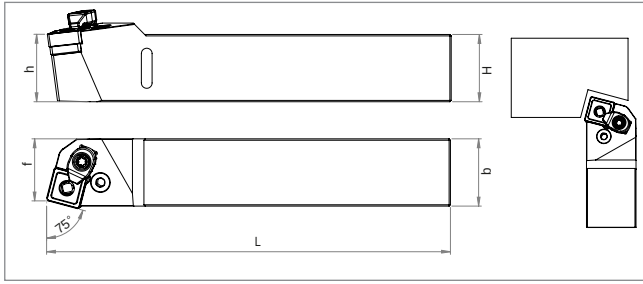
Ordering Code		Item Designation	Dimensions (mm)				Master Insert*
Direction		PSSNR/L (45)	h=H	b	L	f	
Right	Left						
SM01855	SM01862	PSSNR/L 2020 K12	20	20	125	26	SNM.1204..
SM01886	SM01893	PSSNR/L 2525 M12	25	25	150	32	
SM01916	SM01923	PSSNR/L 3232 P12	32	32	170	38	
SM49215	SM49222	PSSNR/L 2525 M15	25	25	150	32	SNM.1506..
SM01954	SM01961	PSSNR/L 3232 P15	32	32	170	38	
SM34136	SM34143	PSSNR/L 3232 P19	32	32	170	38	SNM.1906
SM34150	SM34167	PSSNR/L 4040 S19	40	40	250	48	



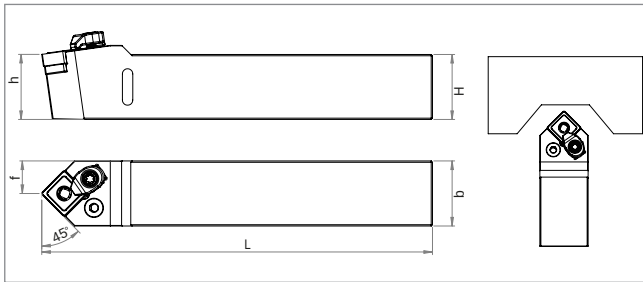
Ordering Code		Item Designation	Dimensions (mm)				Master Insert*
Direction		PSKNR/L (75)	h=H	b	L	f	
Right	Left						
SM26025	SM26018	PSKNR/L 2020 K12	20	20	125	26	SNM.1204..
SM22386	SM22393	PSKNR/L 2525 M12	25	25	150	32	
SM26001	SM25998	PSKNR/L 3232 P12	32	32	170	38	
SM22461	SM22478	PSKNR/L 2525 M15	25	25	150	32	SNM.1506..
SM25981	SM25974	PSKNR/L 3232 P15	32	32	170	38	
SM37564	SM37557	PSKNR/L 3232 P19	32	32	170	38	SNM.1906
SM37571	SM37540	PSKNR/L 4040 S19	40	40	250	47	

Size Designation	Master Insert*	Spare Parts							
		Lever	Lever Screw	Allen Key	Shim Spring	Shim	Clamp	Clamp Screw	Torx Key
									
2020	SNM.1204..	SPL1-9120	SLV1 M8x20-9224	SAK-AA3-9902	SLAY1-9701	BAX SN12-9608	PSK2 9126	SSV M3.5x11 9532	STK-T15 9910
2525 - 3232		SPL2-9121	SLV2 M8x24-9225		SLAY2-9702	BAX SN15-9609			
2525 - 3232	SNM.1506..	SPL2-9121	SLV2 M8x24-9225	SAK-AA4-9903	SLAY2-9702	BAX SN15-9609	PSK2 9126	SSV M3.5x11 9532	STK-T15 9910
3232 - 4040	SNM.1906	SPL3-9122	SLV3 M10x29-9226		SLAY3-9703	BAX SN19-9629	PSK3 9127	SSV M6x16 9520	STK-T20 9911

EXTERNAL TURNING TOOLS



Ordering Code		Item Designation	Dimensions (mm)				Master Insert*
Direction		PSBNR/L (75)	h=H	b	L	f	
Right	Left						
SM34303	SM34310	PSBNR/L 2020 K12	20	20	125	17	SNM.1204..
SM22423	SM22430	PSBNR/L 2525 M12	25	25	150	23	
SM25882	SM25875	PSBNR/L 3232 P12	32	32	170	28.5	
SM34327	SM34334	PSBNR/L 2525 M15	25	25	150	22	SNM.1506..
SM34341	SM34358	PSBNR/L 3232 P15	32	32	170	28.5	
SM34365	SM34372	PSBNR/L 3232 P19	32	32	170	28.5	SNM.1906
SM34396	SM34389	PSBNR/L 4040 S19	40	40	250	36	

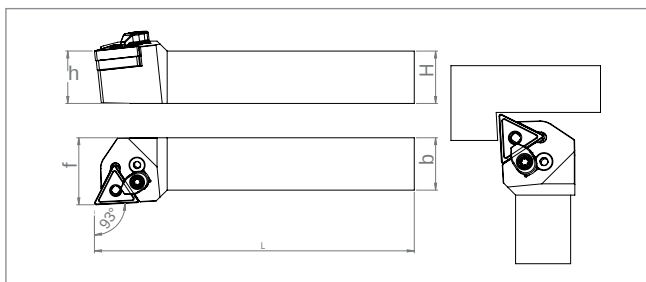


Ordering Code	Item Designation	Dimensions (mm)				Master Insert*
<i>Direction</i>	<i>PSDNN (45)</i>	<i>h=H</i>	<i>b</i>	<i>L</i>	<i>f</i>	
<i>Neutral</i>						
SM01879	PSDNN 2020 K12	20	20	125	10	SNM.1204..
SM01909	PSDNN 2525 M12	25	25	150	12.5	
SM01930	PSDNN 3232 P12	32	32	170	16	
SM01947	PSDNN 2525 M15	25	25	150	12.5	SNM.1506..
SM01978	PSDNN 3232 P15	32	32	170	16	
SM34174	PSDNN 3232 P19	32	32	170	16	SNM.1906
SM34181	PSDNN 4040 S19	40	40	250	20	

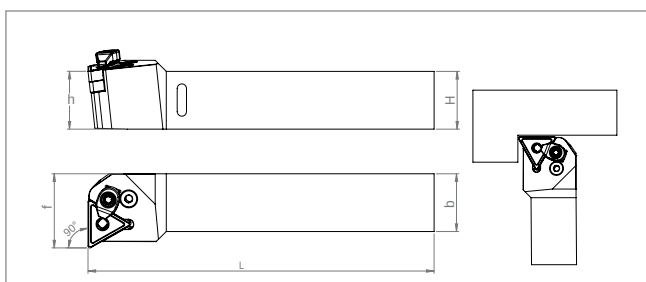
Size Designation	Master Insert*	Spare Parts							
		Lever	Lever Screw	Allen Key	Shim Spring	Shim	Clamp	Clamp Screw	Torx Key
2020									
2525 - 3232		SPL1-9120	SLV1 M8x20-9224	SAK-AA3-9902	SLAY1-9701	BAX SN12-9608	PSK4 9128	SSV M3.5x11 9532	STK-T15 9910
2525 - 3232		SPL2-9121	SLV2 M8x24-9225		SLAY2-9702	BAX SN15-9609	PSK2 9126		
3232 - 4040	SNM.1906	SPL3-9122	SLV3 M10x29-9226	SAK-AA4-9903	SLAY3-9703	BAX SN19-9629	PSK3 9127	SSV M6x16 9520	STK-T20 9911

*Suitable Insert is ISO

**Spare Parts Ordering Codes

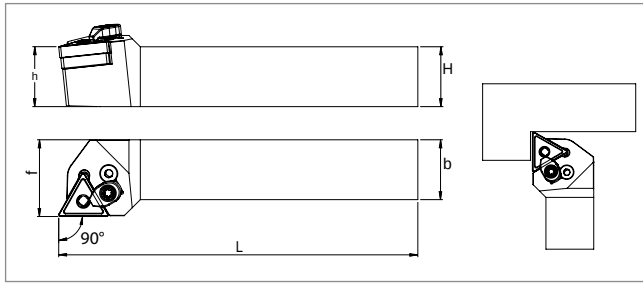


Ordering Code		Item Designation	Dimensions (mm)				Master Insert*
Direction		PTJNR/L (93)	h=H	b	L	f	
Right	Left						
SM74019	SM74026	PTJNR/L 2525 M22	25	25	150	32	TNM.2204..
SM74033	SM74040	PTJNR/L 3232 P22	32	32	170	38	

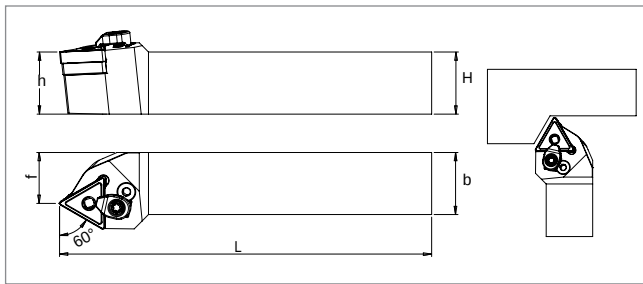


Ordering Code		Item Designation	Dimensions (mm)				Master Insert*
Direction		PTFNR/L (90)	h=H	b	L	f	
Right	Left						
SM74057	SM74064	PTFNR/L 2525 M22	25	25	150	32	TNM.2204..
SM74071	SM74088	PTFNR/L 3232 P22	32	32	170	38	

Size Designation	Master Insert*	Spare Parts							
		Lever	Lever Screw	Allen Key	Shim Spring	Shim	Clamp	Clamp Screw	Torx Key
2525 - 3232	TNM.2204..	 SPL4-9123	 SLV4 M8x21 9229	 SAK-AA3-9902	 SLAY1 9701	 BAX TN22-9611	 PSK2 9126	 SSV M3.5x11 9532	 STK-T15 9910

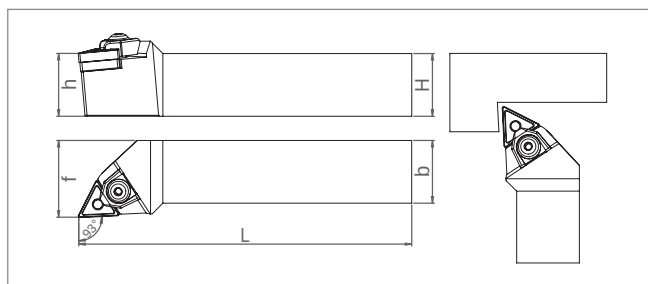


Ordering Code		Item Designation	Dimensions (mm)				Master Insert*
Direction		PTGNR/L (90)	h=H	b	L	f	
Right	Left						
SM74095	SM74101	PTGNR/L 2525 M22	25	25	150	32	TNM.2204..
SM74118	SM74125	PTGNR/L 3232 P22	32	32	170	38	

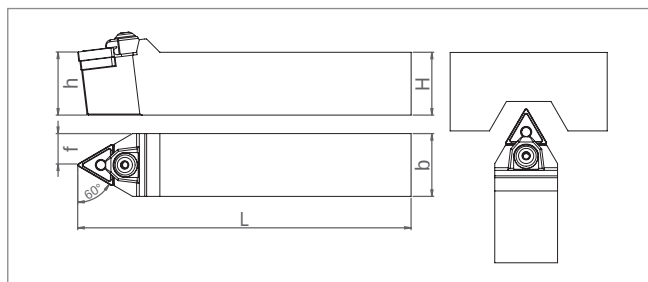


Ordering Code		Item Designation	Dimensions (mm)				Master Insert*
Direction		PTTNR/L (60)	h=H	b	L	f	
Right	Left						
SM74132	SM74149	PTTNR/L 2525 M22	25	25	150	20.5	TNM.2204..
SM74156	SM74163	PTTNR/L 3232 P22	32	32	170	29	

Size Designation	Master Insert*	Spare Parts							
		Lever	Lever Screw	Allen Key	Shim Spring	Shim	Clamp	Clamp Screw	Torx Key
2525 - 3232	TNM.2204..	 SPL4-9123	 SLV4 M8x21 9229	 SAK-AA3-9902	 SLAY1 9701	 BAX TN22-9611	 PSK2 9126	 SSV M3.5x11 9532	 STK-T15 9910

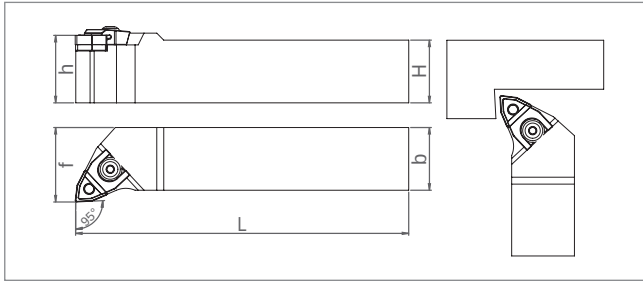


Ordering Code		Item Designation	Dimensions (mm)				Master Insert*
Direction		MTJNR/L (93)	h=H	b	L	f	
Right	Left						
SM01268	SM01329	MTJNR/L 2020 K16	20	20	125	26	TNM.1604..
SM01275	SM01282	MTJNR/L 2525 M16	25	25	150	32	
SM01305	SM01312	MTJNR/L 3232 P16	32	32	170	38	
SM01398	SM01374	MTJNR/L 2525 M22	25	25	150	32	TNM.2204..
SM01404	SM01381	MTJNR/L 3232 P22	32	32	170	39	
SM01336	SM01350	MTJNR/L 4040 S22	40	40	250	48	
SM73807	SM73814	MTJNR/L 5050 S22	50	50	250	60	

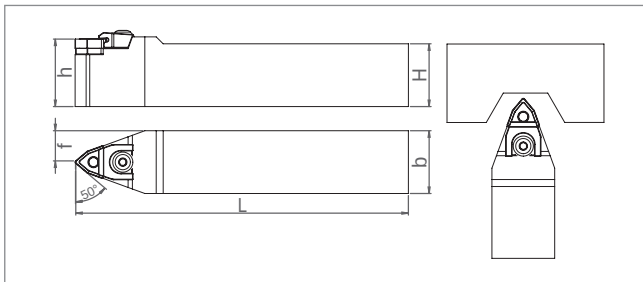


Ordering Code	Item Designation	Dimensions (mm)				Master Insert*
<i>Direction</i>	<i>MTENN (60)</i>	<i>h=H</i>	<i>b</i>	<i>L</i>	<i>f</i>	
<i>Neutral</i>						
SM01251	MTENN 2020 K16	20	20	125	10	TNM.1604..
SM01299	MTENN 2525 M16	25	25	150	12.5	
SM01244	MTENN 3232 P16	32	32	170	16	
SM01367	MTENN 2525 M22	25	25	150	12.5	TNM.2204..
SM01411	MTENN 3232 P22	32	32	170	16	
SM01343	MTENN 4040 S22	40	40	250	20	

Size Designation	Master Insert*	Spare Parts				
		Clamp 	Screw 	Shim 	Pin 	Allen Key 
2020	TNM.1604..	MSK1-9107	TSBV M6x27-9203	BAX TN16-9610	BMP1 3.70x5x17 9309	SAK-AA3-9902
2525 - 3232			TSBV M6x28-9205	BAX TN22-9611	BMP2 5x6x16-9310	
2525 - 5050	TNM.2204..					



Ordering Code		Item Designation	Dimensions (mm)				Master Insert*
Direction		MWLNR/L (95)	h=H	b	L	f	
Right	Left						
SM01428	SM01435	MWLNR/L 1616 H06	16	16	100	20	WNM.0604..
SM01459	SM01466	MWLNR/L 2020 K06	20	20	125	26	
SM01473	SM01480	MWLNR/L 2525 M06	25	25	150	32	
SM01534	SM01497	MWLNR/L 2020 K08	20	20	125	26	WNM.0804..
SM01558	SM01572	MWLNR/L 2525 M08	25	25	150	32	
SM01602	SM01589	MWLNR/L 3232 P08	32	32	170	38	
SM01527	SM25776	MWLNR/L 4040 S08	40	40	250	48	
SM73821	SM73838	MWLNR/L 5050 S08	50	50	250	60	

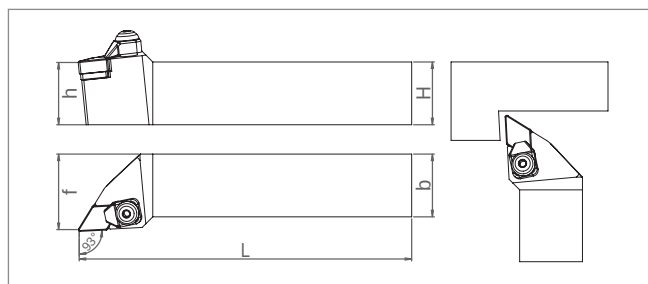


Ordering Code	Item Designation	Dimensions (mm)				Master Insert*
<i>Direction</i>	<i>MWDNN (50)</i>	<i>h=H</i>	<i>b</i>	<i>L</i>	<i>f</i>	
<i>Neutral</i>						
SM01442	MWDNN 1616 H06	16	16	100	8	WNM.0604..
SM01503	MWDNN 2020 K06	20	20	125	10	
SM01510	MWDNN 2525 M06	25	25	150	12.5	
SM01541	MWDNN 2020 K08	20	20	125	10	WNM.0804..
SM01565	MWDNN 2525 M08	25	25	150	12.5	
SM01596	MWDNN 3232 P08	32	32	170	16	
SM25769	MWDNN 4040 S08	40	40	250	20	

Size Designation	Master Insert*	Spare Parts					
		Clamp	Screw	Shim	Pin	Spring	Allen Key
							
1616	WNM.0604..	MSK4-9110	TSBV	BAX	BMP5	SAK-AA3-9902	
2020 - 2525			M5x18-9201	WN06-9606	3.70x5x13 9312		
2020	WNM.0804..	MSK3-9109	TSBV M6x27	BAX	BMP3		
2525 - 5050			9203	WN08	5x6x17		
			TSBV M6x28	9607	9311		

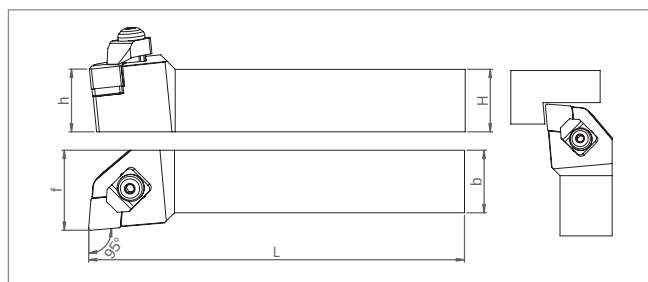
*Suitable Insert is ISO

**Spare Parts Ordering Codes



Ordering Code		Item Designation	Dimensions (mm)				Master Insert*
Direction		CDJNR/L (93)	$h=H$	b	L	f	
Right	Left						
SM02043	SM02050	CDJNR/L 2525 M15	25	25	150	32	DN.N 1507..
SM02067	SM02074	CDJNR/L 3232 P15	32	32	170	39	

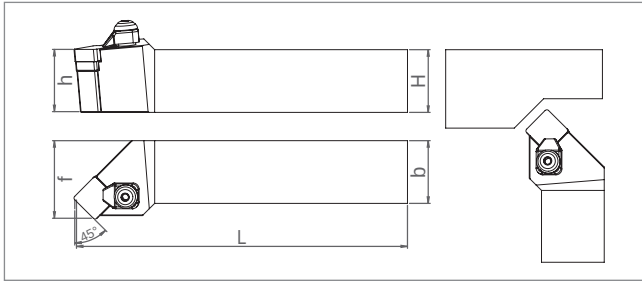
Size Designation	Master Insert*	Spare Parts					
		Wedge Clamp	Clamp Screw	Shim	Shim Screw	Ring	Allen Key
2525 - 3232	DN.N 1507..	 CSK5 9115	 CSBV M8x29x11 9208	 BAX DN15 9602	 TSAV M4x10 9403	 CSS1	 SAK- AA4-9903



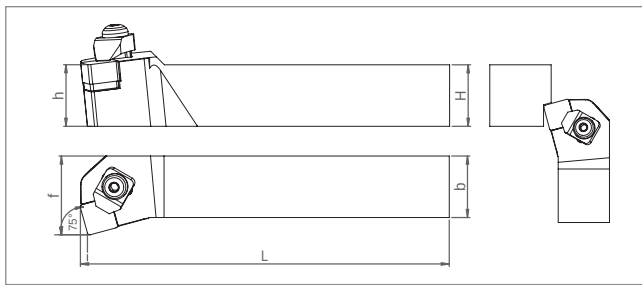
Ordering Code		Item Designation	Dimensions (mm)				Master Insert*
Direction		CCLNR/L (95)	$h=H$	b	L	f	
Right	Left						
SM44807	SM44814	CCLNR/L 2525 M12	25	25	150	32	CN.N 1207.
SM44821	SM44838	CCLNR/L 3232 P12	32	32	170	39	

Size Designation	Master Insert*	Spare Parts					
		Wedge Clamp	Clamp Screw	Shim	Shim Screw	Ring	Allen Key
2525 - 3232	CN.N 1207.	 CSK5 9115	 CSBV M8x29x11 9208	 BAX CN12 9603	 TSAV M4x10 9403	 CSS1	 SAK- AA4-9903

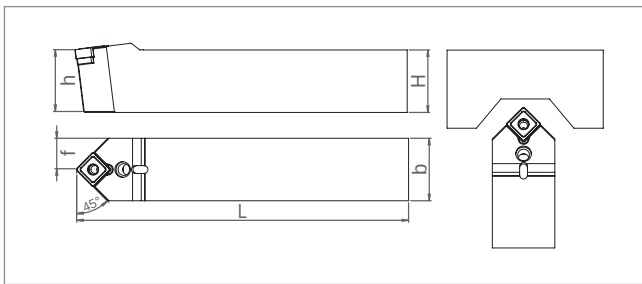
EXTERNAL TURNING TOOLS



Ordering Code		Item Designation	Dimensions (mm)				Master Insert*
Direction		CSSNR/L (45)	$h=H$	b	L	f	
Right	Left						
SM02142	SM02159	CSSNR/L 2525 M12	25	25	150	32	SN.N 1207..
SM02173	SM02180	CSSNR/L 3232 P12	32	32	170	38	



Ordering Code		Item Designation	Dimensions (mm)				Master Insert*
Direction		CSKNR/L (75)	$h=H$	b	L	f	
Right	Left						
SM44845	SM44852	CSKNR/L 2525 M12	25	25	150	32	SN.N 1207..
SM44869	SM44876	CSKNR/L 3232 P12	32	32	170	38	

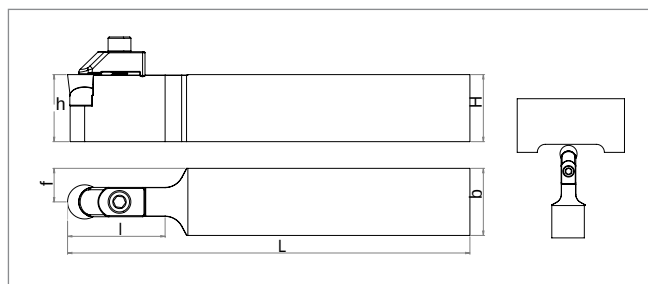


Ordering Code	Item Designation	Dimensions (mm)				Master Insert*
Direction	CSDNN (45)	h=H	b	L	f	
Neutral						
SM02166	CSDNN 2525 M12	25	25	150	12.5	SN.N 1207..
SM02197	CSDNN 3232 P12	32	32	170	16	

Size Designation	Master Insert*	Spare Parts					
		Wedge Clamp	Clamp Screw	Shim	Shim Screw	Ring	Allen Key
2525 - 3232	SN.N 1207..	 CSK5 9115	 CSBV M8x29x11 9208	 BAX SN12 9608	 TSAV M4x10 9403	 CSS1	 SAK- AA4-9903

*Suitable Insert is ISO

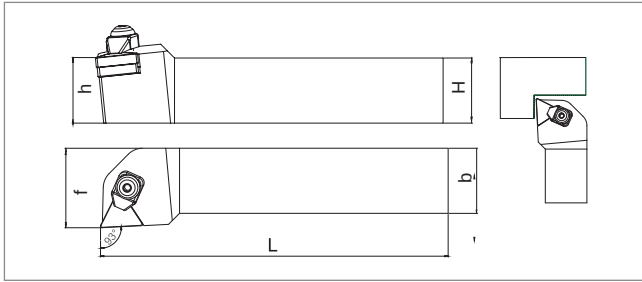
**Spare Parts Ordering Codes



Ordering Code	Item Designation	Dimensions (mm)					Master Insert*
<i>Direction</i>	CRDCN (-)	<i>h=H</i>	<i>b</i>	<i>L</i>	<i>f</i>	<i>l</i>	
<i>Neutral</i>							
SM76679	CRDCN 2020 K06	20	20	125	10	19.50	RCGX 0606..
SM76693	CRDCN 2525 M06	25	25	150	12.5	19.50	
SM76709	CRDCN 3225 P06	32	25	170	12.5	19.50	
SM76686	CRDCN 2020 K09	20	20	125	10	19.50	RCGX 0907..
SM76716	CRDCN 2525 M09	25	25	150	12.5	29	
SM76723	CRDCN 3225 P09	32	25	170	12.5	29	
SM76730	CRDCN 2525 M12	25	25	150	12.5	38.50	RCGX 1207..
SM76747	CRDCN 3225 P12	32	25	170	12.5	38.50	

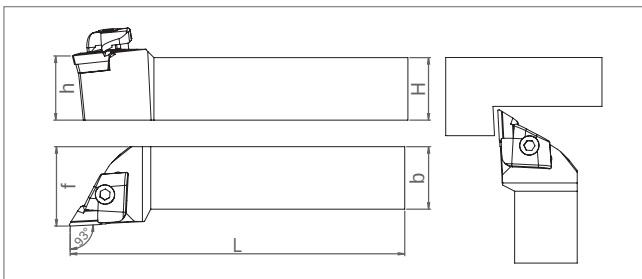
Size Designation	Master Insert*	Spare Parts				
		Wedge Clamp 	Clamp Screw 	Shim 	Shim Screw 	Allen Key
2020 - 3232	RCGX 0606..	CCK 0106 9129	BKTV M3x19 9548	BAX RC06 9632	SSV M2.2x5 9503	SAK-AA2.5 9912
2020 - 3232	RCGX 0904..	CCK 0209 9130	BKTV M5x21 9547	BAX RC09 9633	SSV M2.5x7 9506	SAK-AA4 9903
2525 - 3232	RCGX 1207..	CCK 0312 9131	BKTV M6x25 9233	BAX RC12 9634		SAK-AA5 9904

EXTERNAL TURNING TOOLS



Ordering Code		Item Designation	Dimensions (mm)				Master Insert*
Direction		CTJNR/L (93)	h=H	b	L	f	
Right	Left						
SM02203	SM02210	CTJNR/L 2525 M16	25	25	150	32	TN.N 1607.
SM02227	SM02234	CTJNR/L 3232 P16	32	32	170	38	

Size Designation	Master Insert*	Spare Parts					
		Wedge Clamp	Clamp Screw	Shim	Shim Screw	Ring	Allen Key
2525 - 3232	TN.N 1607.						

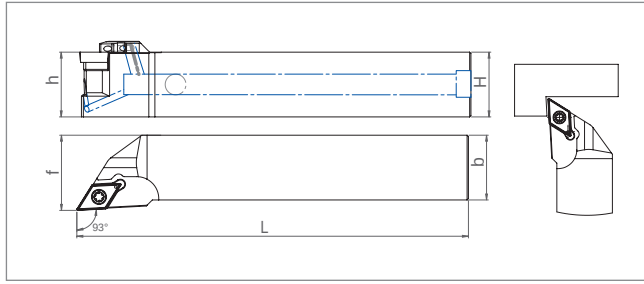


Ordering Code		Item Designation	Dimensions (mm)				Master Insert*
Direction		CKJNR/L (93)	h=H	b	L	f	
Right	Left						
SM02081	SM02128	CKJNR/L 2020 K16	20	20	125	25	KNUX-R/L 1604..
SM02098	SM02104	CKJNR/L 2525 M16	25	25	150	31	
SM02111	SM02135	CKJNR/L 3232 P16	32	32	170	39	
SM24663	SM25363	CKJNR/L 4040 S16	40	40	250	48	

Size Designation	Master Insert*	Spare Parts				
		Wedge Clamp	Clamp Screw	Shim	Shim Screw	Allen Key
2020	KNUX-R/L 1604..					SAK-AA5-9904
2525 - 4040						

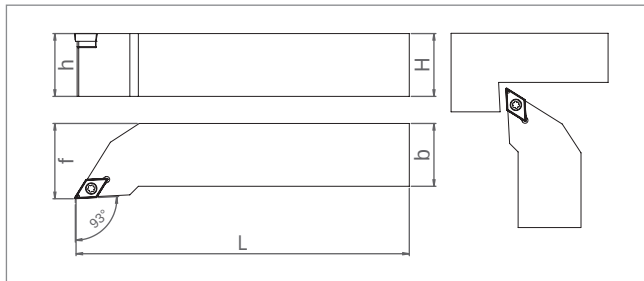
*Suitable Insert is ISO

**Spare Parts Ordering Codes

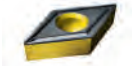
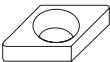


Ordering Code		Description	Dimensions (mm)				Master Insert*
Direction		SDJCR/L-JT (93)	h=H	b	L	f	
Right	Left						
SM79144	SM79151	SDJCR/L 2020 K11-JT	20	20	125	24	DCM. 11T3..
SM57890	SM57906	SDJCR/L 2525 M11-JT	25	25	150	29	

Cooling accessories are optional / See Page "529" for cooling accessory.
Soğutma ekipmanları opsiyoneldir / Bkz. Sayfa "529" Soğutma aksesuarları için



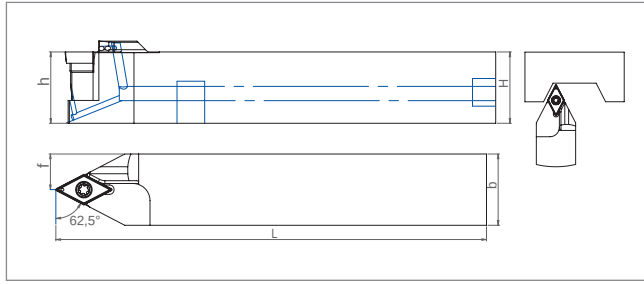
Ordering Code		Item Designation	Dimensions (mm)				Master Insert*
Direction		SDJCR/L (93)	h=H	b	L	f	
Right	Left						
SM02678	SM02685	SDJCR/L 0808 E07	8	8	70	10	DCM. 0702..
SM02623	SM02630	SDJCR/L 1010 E07	10	10	70	12	
SM02562	SM02609	SDJCR/L 1212 F07	12	12	80	15	
SM02579	SM02593	SDJCR/L 1616 H07	16	16	100	20	
SM38745	SM38738	SDJCR/L 1212 F11	12	12	80	15	DCM. 11T3..
SM02760	SM02777	SDJCR/L 1616 H11	16	16	100	20	
SM02791	SM02784	SDJCR/L 2020 K11	20	20	125	24	
SM02821	SM02838	SDJCR/L 2525 M11	25	25	150	29	
SM02883	SM02869	SDJCR/L 3232 P11	32	32	170	38	

Size Designation	Master Insert*	Spare Parts					
		Screw	Shim	Shim Screw	Torx Key	Plug	Allen Key
							
0808 - 1616	DCM. 0702..	SSV M2.5x6-9505	-	-	STK-T08-9908		
1212	DCM. 11T3..	SSV M3.5x10-9511	BAX DC11- 9613	SBV5 M5x0.5 A3.5x9-9408	STK-T15-9910	-	-
1616		SSV M3.5x12-9526					
2020 - 3232		SSV M3.5x14-9512		SBV M5.05 A3.5x11-9407			
2020 - 2525-JT		SSV M3.5x10-9511		SBV5 M5x0.5 A3.5x9-9408	SMHT G1/8-AA3 9259	SAK- AA3-9902	

*Suitable Insert is ISO

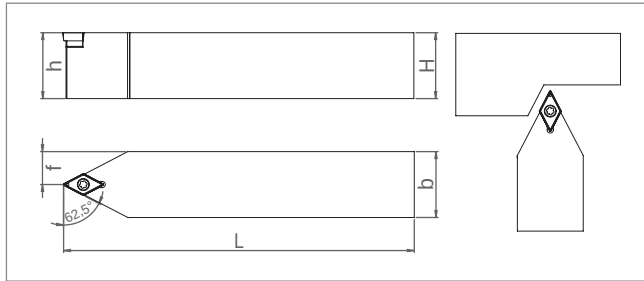
**Spare Parts Ordering Codes

EXTERNAL TURNING TOOLS



Ordering Code	Item Designation	Dimensions (mm)				Master Insert*
<i>Direction</i>	SDNCN-JT (62.5)	<i>h=H</i>	<i>b</i>	<i>L</i>	<i>f</i>	
<i>Neutral</i>						
SM57913	SDNCN 2525 M11-JT	25	25	150	12.5	DCM. 11T3..

Cooling accessories are optional / See Page "529" for cooling accessory.
Soğutma ekipmanları opsiyoneldir / Bkz. Sayfa "529" Soğutma aksesuarları için

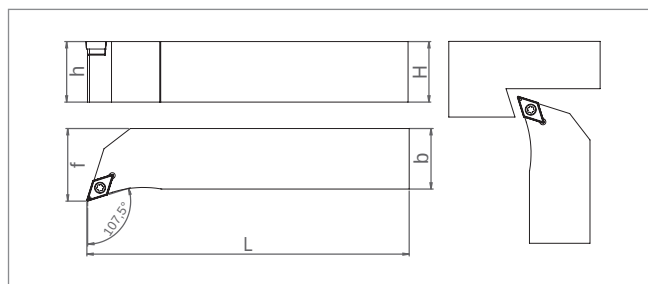


Ordering Code	Item Designation	Dimensions (mm)				Master Insert*
<i>Direction</i>	SDNCN (62.5)	<i>h=H</i>	<i>b</i>	<i>L</i>	<i>f</i>	
<i>Neutral</i>						
SM02692	SDNCN 0808 E07	8	8	70	4	DCM. 0702..
SM02647	SDNCN 1010 E07	10	10	70	5	
SM02616	SDNCN 1212 F07	12	12	80	6	
SM02586	SDNCN 1616 H07	16	16	100	8	
SM37595	SDNCN 1212 F11	12	12	80	6	DCM. 11T3..
SM02890	SDNCN 1616 H11	16	16	100	8	
SM02807	SDNCN 2020 K11	20	20	125	10	
SM02845	SDNCN 2525 M11	25	25	150	12.5	
SM02852	SDNCN 3232 P11	32	32	170	16	

Size Designation	Master Insert*	Spare Parts					
		Screw 	Shim 	Shim Screw 	Torx Key 	Plug 	Allen Key
0808 - 1616	DCM. 0702..	SSV M2.5x6- 9505	-	-	STK-T08- 9908		
1212	DCM. 11T3..	SSV M3.5x10- 9511	BAX DC11- 9613	SBV5 M5x0.5 A3.5x9- 9408	STK-T15- 9910	-	-
1616		SSV M3.5x12- 9526		SBV M5.05 A3.5x11- 9407			
2020 - 3232		SSV M3.5x14- 9512		SBV5 M5x0.5 A3.5x9- 9408			
2525-JT		SSV M3.5x10- 9511				SMHT G1/8-AA3 9259	SAK- AA3- 9902

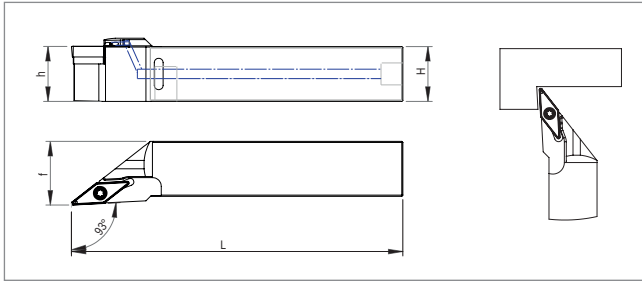
*Suitable Insert is ISO

**Spare Parts Ordering Codes



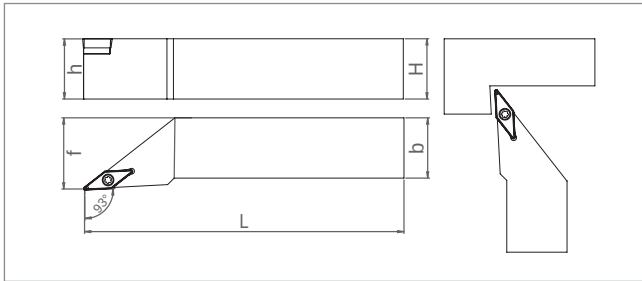
Ordering Code		Item Designation	Dimensions (mm)				Master Insert*
Direction		SDHCR/L (107.5)	h=H	b	L	f	
Right	Left						
SM02708	SM02715	SDHCR/L 0808 E07	8	8	70	11	DCM. 0702..
SM02654	SM02661	SDHCR/L 1010 E07	10	10	70	12	
SM02722	SM02739	SDHCR/L 1212 F07	12	12	80	15	
SM02746	SM02753	SDHCR/L 1616 H07	16	16	100	20	
SM02906	SM02913	SDHCR/L 1616 H11	16	16	100	20	DCM. 11T3..
SM02814	SM02876	SDHCR/L 2020 K11	20	20	125	25	
SM02920	SM02937	SDHCR/L 2525 M11	25	25	150	29	
SM02944	SM02951	SDHCR/L 3232 P11	32	32	170	38	

Size Designation	Master Insert*	Spare Parts			
		Screw 	Shim 	Shim Screw 	Torx Key
0808 - 1616	DCM. 0702..	SSV M2.5x6- 9505	-	-	STK-T08- 9908
1212	DCM. 11T3..	SSV M3.5x10- 9511	BAX DC11- 9613	SBV5 M5x0.5 A3.5x9- 9408	STK-T15- 9910
1616		SSV M3.5x12- 9526			
2020 - 3232		SSV M3.5x14- 9512		SBV M5.05 A3.5x11- 9407	

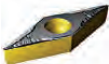


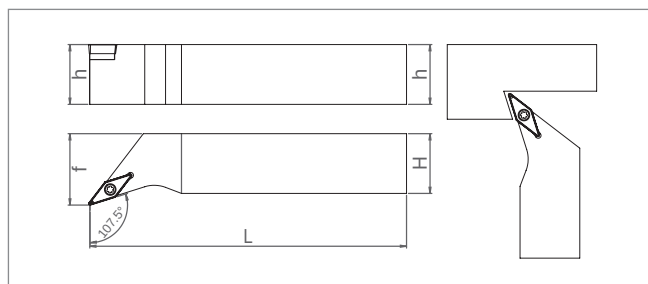
Ordering Code		Item Designation	Dimensions (mm)				Master Insert*
Direction		SVJBR/L-JT (93)	h=H	b	L	f	
Right	Left						
SM79168	SM79175	SVJBR/L 2020 K16-JT	20	20	125	25	VBM. 1604..
SM57920	SM57937	SVJBR/L 2525 M16-JT	25	25	150	29	

Cooling accessories are optional / See Page "529" for cooling accessory.
Soğutma ekipmanları opsiyoneldir / Bkz. Sayfa "529" Soğutma aksesuarları için

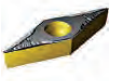


Ordering Code		Item Designation	Dimensions (mm)				Master Insert*
							
SM27138	SM27145	SVJBR/L 1212 F11	12	12	80	15	VBM. 1103..
SM04313	SM04320	SVJBR/L 1616 H11	16	16	100	20	
SM04269	SM04276	SVJBR/L 2020 K11	20	20	125	25	
SM04283	SM04306	SVJBR/L 2525 M11	25	25	150	29	
SM04504	SM04511	SVJBR/L 1616 H16	16	16	100	20	VBM. 1604..
SM04566	SM04542	SVJBR/L 2020 K16	20	20	125	25	
SM04597	SM04580	SVJBR/L 2525 M16	25	25	150	29	
SM04610	SM04627	SVJBR/L 3232 P16	32	32	170	38	

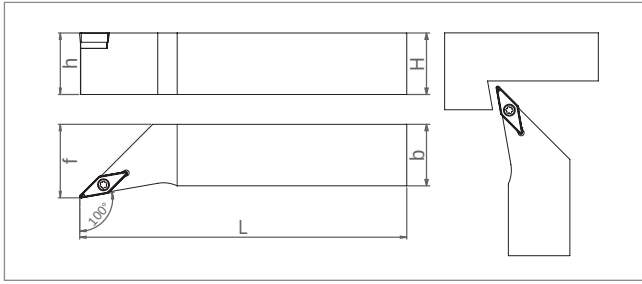
Size Designation	Master Insert*	Spare Parts					
		Screw	Shim	Shim Screw	Torx Key	Plug	Allen Key
							
1616 - 2525	VBM. 1103..	SSV M2.5x6-9505	-	-	STK-T08-9908	-	-
1616	VBM. 1604..	SSV M3.5x12-9526	BAX VB16-9618	SBV5 M5x0.5 A3.5x9-9408	STK-T15-9910		
2020 - 3232		SSV M3.5x14-9512		SBV M5x0.5 A3.5x11-9407			
2020 - 2525-JT							



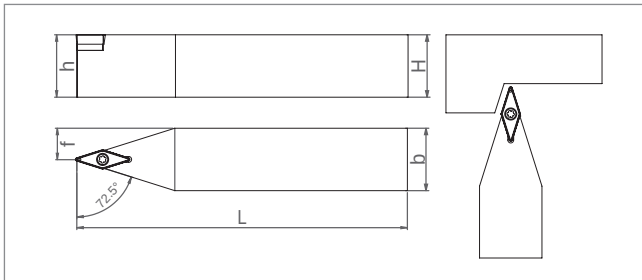
Ordering Code		Item Designation	Dimensions (mm)				Master Insert*
Direction		SVHBR/L (107.5)	h=H	b	L	f	
Right	Left						
SM04344	SM04399	SVHBR/L 1616 H11	16	16	100	20	VBM. 1103..
SM04450	SM04412	SVHBR/L 2020 K11	20	20	125	25	
SM04375	SM04436	SVHBR/L 2525 M11	25	25	150	29	
SM04535	SM04726	SVHBR/L 1616 H16	16	16	100	20	VBM. 1604..
SM04573	SM04467	SVHBR/L 2020 K16	20	20	125	25	
SM04665	SM04481	SVHBR/L 2525 M16	25	25	150	29	
SM04719	SM04696	SVHBR/L 3232 P16	32	32	170	38	

Size Designation	Master Insert*	Spare Parts			
		Screw 	Shim 	Shim Screw 	Torx Key 
1616 - 2525	VBM. 1103..	SSV M2.5x6- 9505	-	-	STK-T08- 9908
1616	VBM. 1604..	SSV M3.5x12- 9526	BAX VB16- 9618	SBV5 M5x0.5 A3.5x9- 9408	STK-T15- 9910
2020 - 3232		SSV M3.5x14- 9512		SBV M5x0.5 A3.5x11- 9407	

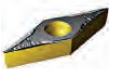
EXTERNAL TURNING TOOLS



Ordering Code		Item Designation	Dimensions (mm)				Master Insert*
Direction		SVZBR/L (100)	h=H	b	L	f	
Right	Left						
SM04405	SM04351	SVZBR/L 1616 H11	16	16	100	20	VBM. 1103..
SM04429	SM04368	SVZBR/L 2020 K11	20	20	125	25	
SM04443	SM04382	SVZBR/L 2525 M11	25	25	150	29	
SM04733	SM04641	SVZBR/L 1616 H16	16	16	100	20	VBM. 1604..
SM04474	SM04658	SVZBR/L 2020 K16	20	20	125	25	
SM04498	SM04672	SVZBR/L 2525 M16	25	25	150	29	
SM04689	SM04702	SVZBR/L 3232 P16	32	32	170	38	

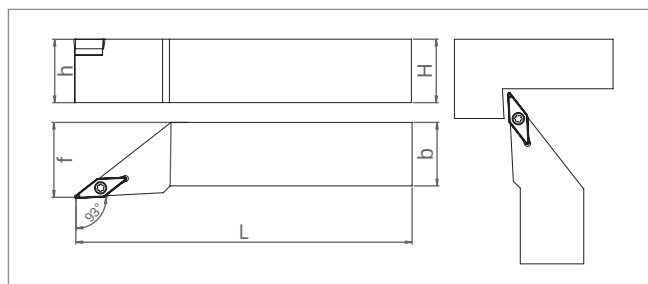


Ordering Code	Item Designation	Dimensions (mm)				Master Insert*
<i>Direction</i>	SVVBN (72.5)	<i>h=H</i>	<i>b</i>	<i>L</i>	<i>f</i>	
<i>Neutral</i>						
SM04337	SVVBN 1616 H11	16	16	100	8	VBM. 1103..
SM04245	SVVBN 2020 K11	20	20	125	10	
SM04290	SVVBN 2525 M11	25	25	150	12.5	
SM04528	SVVBN 1616 H16	16	16	100	8	VBM. 1604..
SM04559	SVVBN 2020 K16	20	20	125	10	
SM04603	SVVBN 2525 M16	25	25	150	12.5	
SM04634	SVVBN 3232 P16	32	32	170	16	

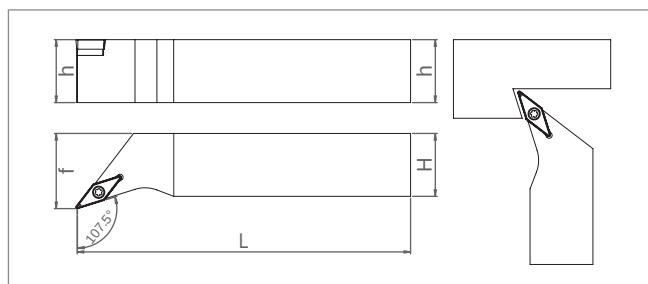
Size Designation	Master Insert*	Spare Parts			
		Screw 	Shim 	Shim Screw 	Torx Key 
1616 - 2525	VBM. 1103..	SSV M2.5x6- 9505	-	-	STK-T08- 9908
1616	VBM. 1604..	SSV M3.5x12- 9526	BAX VB16- 9618	SBV5 M5x0.5 A3.5x9- 9408	STK-T15- 9910
2020 - 3232		SSV M3.5x14- 9512		SBV M5x0.5 A3.5x11- 9407	

*Suitable Insert is ISO

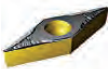
**Spare Parts Ordering Codes



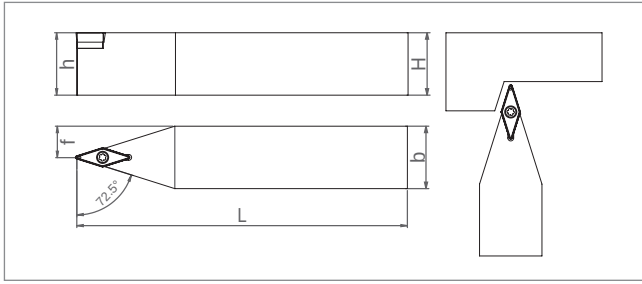
Ordering Code		Item Designation	Dimensions (mm)				Master Insert*
Direction		SVJCR/L (93)	h=H	b	L	f	
Right	Left						
SM26971	SM26995	SVJCR/L 1616 H11	16	16	100	20	VCM. 1103..
SM20962	SM27008	SVJCR/L 2020 K11	20	20	125	25	
SM23611	SM23635	SVJCR/L 2020 K16	20	20	125	25	VCM. 1604..
SM23604	SM23628	SVJCR/L 2525 M16	25	25	150	29	
SM26988	SM27015	SVJCR/L 3232 P16	32	32	170	38	



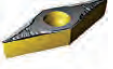
Ordering Code		Item Designation	Dimensions (mm)				Master Insert*
Direction		SVHCR/L (107.5)	h=H	b	L	f	
Right	Left						
SM23680	SM23734	SVHCR/L 1616 H11	16	16	100	20	VCM. 1103..
SM23697	SM23758	SVHCR/L 2020 K11	20	20	125	25	
SM23710	SM23765	SVHCR/L 2020 K16	20	20	125	25	VCM. 1604..
SM23703	SM23772	SVHCR/L 2525 M16	25	25	150	29	
SM23727	SM23789	SVHCR/L 3232 P16	32	32	170	38	

Size Designation	Master Insert*	Spare Parts			
		Screw 	Shim 	Shim Screw 	Torx Key 
1616 - 2525	VCM. 1103..	SSV M2.5x6- 9505	-	-	STK-T08- 9908
2020 - 3232	VCM. 1604..	SSV M3.5x14- 9512	BAX VC16- 9620	SBV M5x0.5 A3.5x11- 9407	STK-T15- 9910

EXTERNAL TURNING TOOLS

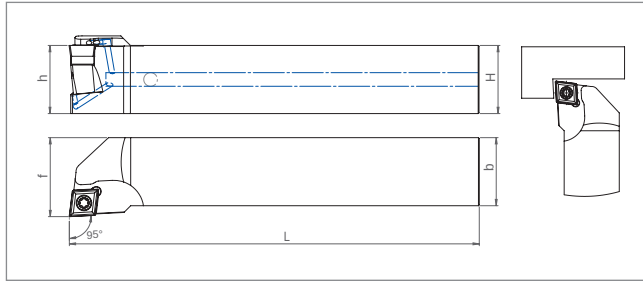


Ordering Code	Item Designation	Dimensions (mm)				Master Insert*
<i>Direction</i>	SVVCN (72.5)	<i>h=H</i>	<i>b</i>	<i>L</i>	<i>f</i>	
<i>Neutral</i>						
SM45026	SVVCN 1616 H11	16	16	100	8	VCM. 1103..
SM44418	SVVCN 2020 K11	20	20	125	10	
SM44401	SVVCN 2020 K16	20	20	125	10	VCM. 1604..
SM40199	SVVCN 2525 M16	25	25	150	12.5	
SM45064	SVVCN 3232 P16	32	32	170	16	

Size Designation	Master Insert*	Spare Parts			
		Screw 	Shim 	Shim Screw 	Torx Key 
1616 - 2525	VCM. 1103..	SSV M2.5x6- 9505	-	-	STK-T08- 9908
2020 - 3232	VCM. 1604..	SSV M3.5x14- 9512	BAX VC16- 9620	SBV M5x0.5 A3.5x11- 9407	STK-T15- 9910

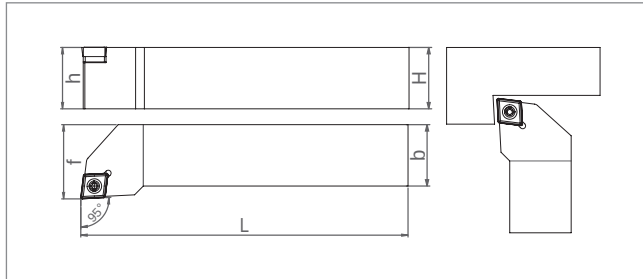
*Suitable Insert is ISO

**Spare Parts Ordering Codes



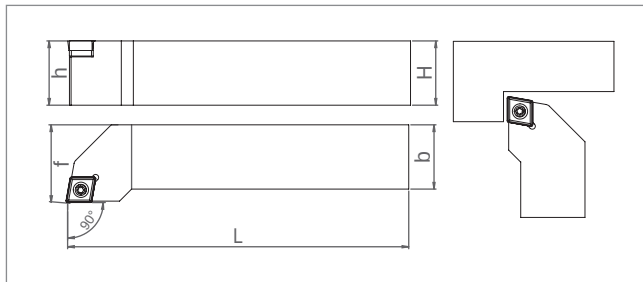
Ordering Code		Item Designation	Dimensions (mm)				Master Insert*
Direction		SCLCR/L-JT (95)	h=H	b	L	f	
Right	Left						
SM79182	SM79199	SCLCR/L 2020 K09-JT	20	20	125	25	CCM.09T3..
SM57944	SM57951	SCLCR/L 2525 M09-JT	25	25	150	29	

Cooling accessories are optional / See Page "529" for cooling accessory.
Soğutma ekipmanları opsiyoneldir / Bkz. Sayfa "529" Soğutma aksesuarları için

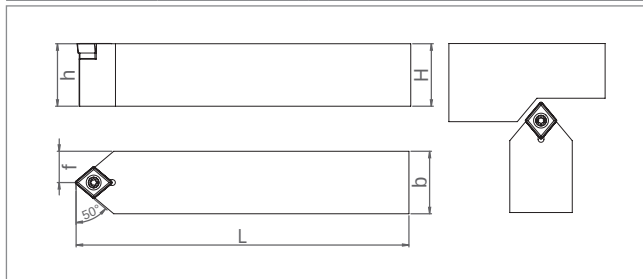


Ordering Code		Item Designation	Dimensions (mm)				Master Insert*
Direction		SCLCR/L (95)	h=H	b	L	f	
Right	Left						
SM03767	SM03774	SCLCR/L 0808 E06	8	8	70	10	CCM.0602..
SM02241	SM02258	SCLCR/L 1010 E06	10	10	70	12	
SM27275	SM37588	SCLCR/L 1212 F06	12	12	80	15	
SM02296	SM26681	SCLCR/L 1212 F09	12	12	80	15	CCM.09T3..
SM02340	SM02302	SCLCR/L 1616 H09	16	16	100	20	
SM02326	SM02319	SCLCR/L 2020 K09	20	20	125	25	
SM02357	SM02333	SCLCR/L 2525 M09	25	25	150	29	
SM49239	SM49246	SCLCR/L 1616 H12	16	16	100	20	CCM.1204..
SM02470	SM02487	SCLCR/L 2020 K12	20	20	125	25	
SM02463	SM02524	SCLCR/L 2525 M12	25	25	150	29	

Size Designation	Master Insert*	Spare Parts					
		Screw	Shim	Shim Screw	Torx Key	Plug	Allen Key
0808 - 1212	CCM. 0602..	SSV M2.5x6- 9505	-	-	STK-T08- 9908	-	-
1212	CCM. 09T3..	SSV M3.5x10- 9511	BAX CC09- 9616	SBV5 M5x0.5 A3.5x9- 9408	STK-T15- 9910	-	-
1616		SSV M3.5x12- 9526				-	-
2020 - 2525		SSV M3.5x14- 9512		SBV M5x0.5 A3.5x11- 9407		SMHT G1/8-AA3 9259	SAK- AA3- 9902
2020 - 2525-JT		SSV M4x12x6- 9517		SBV2 M6x0.75 A4.5x13- 9410		-	-
2020 - 2525	CCM.1204..	SSV M4x12x6- 9517	BAX CC12- 9617	SBV2 M6x0.75 A4.5x13- 9410		-	-



Ordering Code		Item Designation	Dimensions (mm)				Master Insert*
Direction		SCACR/L (90)	h=H	b	L	f	
Right	Left						
SM03798	SM03804	SCACR/L 0808 E06	8	8	70	10	CCM.0602..
SM02272	SM02289	SCACR/L 1010 E06	10	10	70	12	
SM02388	SM02395	SCACR/L 1212 F09	12	12	80	15	CCM.09T3..
SM02418	SM02425	SCACR/L 1616 H09	16	16	100	20	
SM02449	SM02456	SCACR/L 2020 K09	20	20	125	25	
SM26957	SM26964	SCACR/L 2525 M09	25	25	150	29	CCM.1204..
SM02500	SM02517	SCACR/L 2020 K12	20	20	125	25	
SM02548	SM02555	SCACR/L 2525 M12	25	25	150	29	

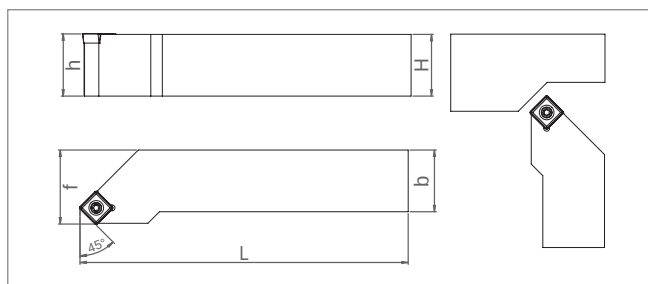


Ordering Code	Item Designation	Dimensions (mm)				Master Insert*
Direction	SCMCN (50)	h=H	b	L	f	
Neutral						
SM03781	SCMCN 0808 E06	8	8	70	4	CCM.0602..
SM02265	SCMCN 1010 E06	10	10	70	5	
SM02371	SCMCN 1212 F09	12	12	80	6	CCM.09T3..
SM02401	SCMCN 1616 H09	16	16	100	8	
SM02432	SCMCN 2020 K09	20	20	125	10	
SM20993	SCMCN 2525 M09	25	25	150	12.5	CCM.1204..
SM02494	SCMCN 2020 K12	20	20	125	10	
SM02531	SCMCN 2525 M12	25	25	150	12.5	

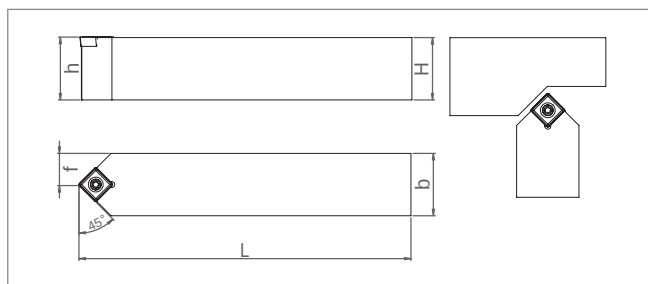
Size Designation	Master Insert*	Spare Parts			
		Screw	Shim	Shim Screw	Torx Key
0808 - 1212	CCM. 0602..	SSV M2.5x6-9505	-	-	STK-T08-9908
1212	CCM. 09T3..	SSV M3.5x10-9511			STK-T15-9910
1616		SSV M3.5x12-9526	BAX CC09-9616	SBV5 M5x0.5 A3.5x9-9408	
2020 - 2525		SSV M3.5x14-9512		SBV M5x0.5 A3.5x11-9407	
2525-JT	CCM.1204..	SSV M4x12x6-9517	BAX CC12-9617	SBV2 M6x0.75 A4.5x13-9410	
2020 - 2525					

*Suitable Insert is ISO

**Spare Parts Ordering Codes



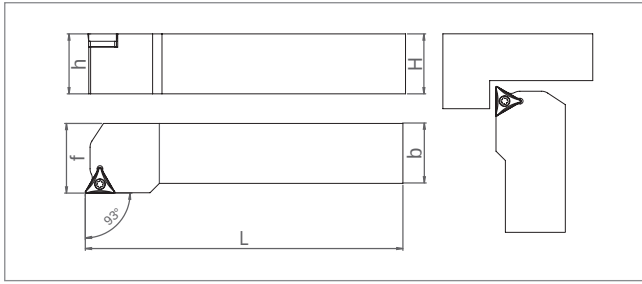
Ordering Code		Item Designation	Dimensions (mm)				Master Insert*
Direction		SSSCR/L (45)	h=H	b	L	f	
Right	Left						
SM03521	SM03538	SSSCR/L 1212 F09	12	12	80	15	SCM. 09T3..
SM03552	SM03569	SSSCR/L 1616 H09	16	16	100	20	
SM03576	SM03583	SSSCR/L 2020 K09	20	20	125	24	
SM03613	SM03514	SSSCR/L 2525 M09	25	25	150	29	
SM03637	SM03644	SSSCR/L 1616 H12	16	16	100	20	SCM. 1204..
SM03651	SM03668	SSSCR/L 2020 K12	20	20	125	24	
SM03675	SM03682	SSSCR/L 2525 M12	25	25	150	29	



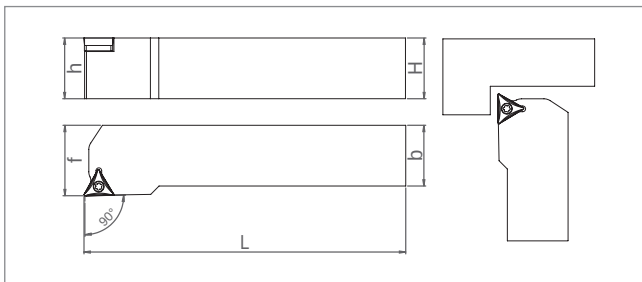
Ordering Code	Item Designation	Dimensions (mm)				Master Insert*
<i>Direction</i>	<i>SSDCN (45)</i>	<i>h=H</i>	<i>b</i>	<i>L</i>	<i>f</i>	
<i>Neutral</i>						
SM03545	SSDCN 1212 F09	12	12	80	6	SCM. 09T3..
SM03590	SSDCN 1616 H09	16	16	100	8	
SM03606	SSDCN 2020 K09	20	20	125	10	
SM03620	SSDCN 2525 M09	25	25	150	12.5	
SM03699	SSDCN 1616 H12	16	16	100	8	SCM. 1204..
SM03705	SSDCN 2020 K12	20	20	125	10	
SM03712	SSDCN 2525 M12	25	25	150	12.5	

Size Designation	Master Insert*	Spare Parts			
		Screw 	Shim 	Shim Screw 	Torx Key 
1212 - 2525	SCM. 09T3..	SSV M3.5x10-9511	-	-	STK-T15-9910
1616	SCM. 1204..	SSV M4x12x6-9517	BAX SC12-9615	SBV4 M6x0.75 A4x9-9411	
2020 - 2525				SBV2 M6x0.75 A4.5x13-9410	

EXTERNAL TURNING TOOLS



Ordering Code		Item Designation	Dimensions (mm)				Master Insert*
Direction		STJCR/L (93)	h=H	b	L	f	
Right	Left						
SM03811	SM03828	STJCR/L 0808 E09	8	8	70	10	TCM.0902..
SM03729	SM03736	STJCR/L 1010 E09	10	10	70	12	
SM03897	SM03903	STJCR/L 1212 F11	12	12	80	15	TCM.1102..
SM03927	SM03934	STJCR/L 1616 H11	16	16	100	20	
SM04054	SM04061	STJCR/L 1616 H16	16	16	100	20	TCM.16T3..
SM04023	SM04016	STJCR/L 2020 K16	20	20	125	24	
SM04047	SM04030	STJCR/L 2525 M16	25	25	150	29	
SM04078	SM04085	STJCR/L 3232 P16	32	32	170	38	

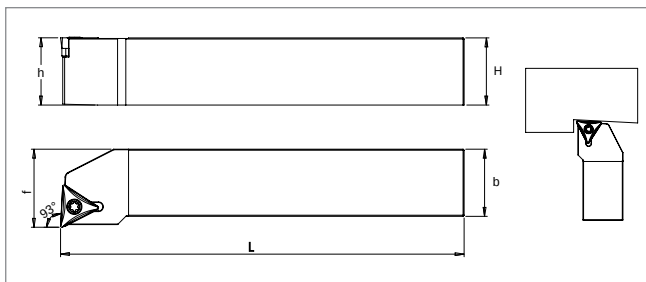


Ordering Code		Item Designation	Dimensions (mm)				Master Insert*
Direction		STGCR/L (90)	h=H	b	L	f	
Right	Left						
SM03835	SM03842	STGCR/L 0808 E09	8	8	70	10	TCM.0902..
SM03743	SM03750	STGCR/L 1010 E09	10	10	70	12	
SM03910	SM03941	STGCR/L 1212 F11	12	12	80	15	TCM.1102..
SM03972	SM03989	STGCR/L 1616 H11	16	16	100	20	
SM04092	SM04108	STGCR/L 1616 H16	16	16	100	20	TCM.16T3..
SM04139	SM04146	STGCR/L 2020 K16	20	20	125	24	
SM04177	SM04184	STGCR/L 2525 M16	25	25	150	29	
SM04221	SM04214	STGCR/L 3232 P16	32	32	170	38	

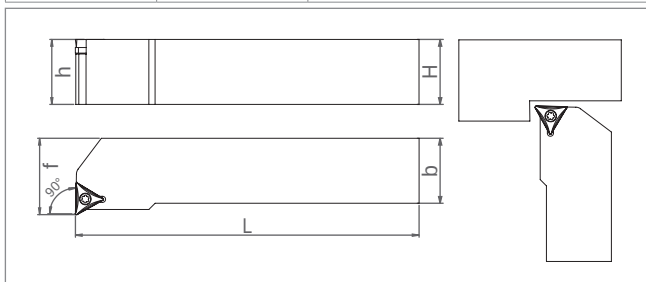
Size Designation	Master Insert*	Spare Parts			
		Screw 	Shim 	Shim Screw 	Torx Key 
0808 - 1010	TCM.0902..	SSV M2.2x5- 9503	-	-	STK-T06- 9906
1212 - 2020	TCM.1102..	SSV M2.5x6- 9505			STK-T08- 9908
1616	TCM.16T3..	SSV M3.5x12- 9526	BAX TC16- 9619	SBV5 M5x0.5 A3.5x9- 9408	STK-T15- 9910
2020 - 3232		SSV M3.5x14- 9512	BAX TC16- 9619	SBV M5x0.5 A3.5x11- 9407	

*Suitable Insert is ISO

**Spare Parts Ordering Codes

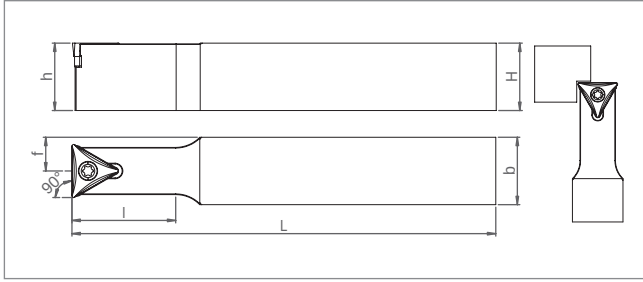


Ordering Code		Item Designation	Dimensions (mm)				Master Insert*
Direction		STUCR/L (93)	h=H	b	L	f	
Right	Left						
SM74255	SM74262	STUCR/L 0808 E09	8	8	70	10	TCM.0902..
SM74279	SM74286	STUCR/L 1010 E09	10	10	70	12	
SM74293	SM74309	STUCR/L 1212 F11	12	12	80	15	TCM.1102..
SM74316	SM74323	STUCR/L 1616 H11	16	16	100	20	
SM74330	SM74347	STUCR/L 1616 H16	16	16	100	20	TCM.16T3..
SM73845	SM73852	STUCR/L 2020 K16	20	20	125	24	
SM74354	SM74361	STUCR/L 2525 M16	25	25	150	29	
SM74378	SM74385	STUCR/L 3232 P16	32	32	170	38	



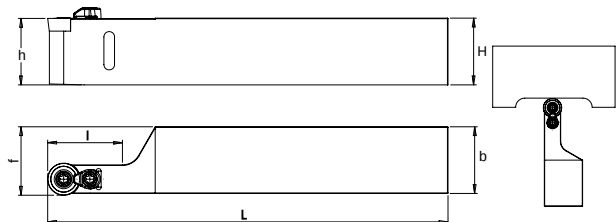
Ordering Code		Item Designation	Dimensions (mm)				Master Insert*
Direction		STFCR/L (90)	h=H	b	L	f	
Right	Left						
SM03873	SM03880	STFCR/L 0808 E09	8	8	70	10	TCM.0902..
SM03866	SM03859	STFCR/L 1010 E09	10	10	70	12	
SM03958	SM03965	STFCR/L 1212 F11	12	12	80	15	TCM.1102..
SM03996	SM04009	STFCR/L 1616 H11	16	16	100	20	
SM04115	SM04122	STFCR/L 1616 H16	16	16	100	20	TCM.16T3..
SM04153	SM04160	STFCR/L 2020 K16	20	20	125	24	
SM04191	SM04207	STFCR/L 2525 M16	25	25	150	29	
SM26582	SM04238	STFCR/L 3232 P16	32	32	170	38	

Size Designation	Master Insert*	Spare Parts			
		Screw	Shim	Shim Screw	Torx Key
0808 - 1010	TCM.0902..				STK-T06-9906
1212 - 2020	TCM.1102..				STK-T08-9908
1616	TCM.16T3..		BAX TC16-9619	SBV5 M5x0.5 A3.5x9-9408	STK-T15-9910
2020 - 3232			BAX TC16-9619	SBV M5x0.5 A3.5x11-9407	



Ordering Code	Item Designation	Dimensions (mm)					Master Insert*
Direction	STNCN (90)	h=H	b	L	f	l	
Neutral							
SM44432	STNCN 2020 K11	20	20	125	10	26	TCM.1102..
SM44425	STNCN 2020 K16	20	20	125	10	26	TCM.16T3..
SM45095	STNCN 2525 M16	25	25	150	12.5	30	
SM45101	STNCN 3232 P16	32	32	170	16	42	

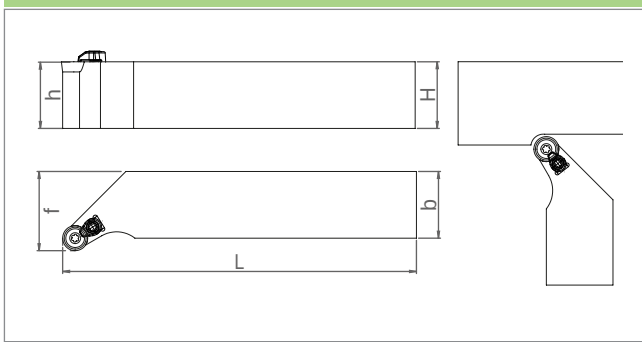
Size Designation	Master Insert*	Spare Parts			
		Screw	Shim	Shim Screw	Torx Key
2020	TCM.1102..	 SSV M2.5x6-9505	 -	 -	STK-T08-9908
1616	TCM.16T3..	SSV M3.5x12-9526	BAX TC16-9619	SBV5 M5x0.5 A3.5x9-9408	STK-T15-9910
2020 - 3232		SSV M3.5x14-9512	BAX TC16-9619	SBV M5x0.5 A3.5x11-9407	



Ordering Code		Item Designation	Dimensions (mm)					Master Insert*
Direction		SRDCR/L (-)	$h=H$	b	L	f	l	
Right	Left							
SM74170	SM74187	SRDCR/L 2525 M12	25	25	150	25.7	22	RC.T 1204..
SM74194	SM74200	SRDCR/L 3232 P12	32	32	170	32.7	22	
SM74217	SM74224	SRDCR/L 2525 M16	25	25	150	25.9	32	RC.T 1605..
SM74231	SM74248	SRDCR/L 3232 P16	25	25	170	32.9	35	

Size Designation	Master Insert*	Spare Parts				
		Screw	Torx Key	Clamp	Clamp Screw	Clamp Screw Key
						
2020 - 3232	RC.T 1204..	SSV M3.5x10-9511	STK-T15-9910	PSK2 9128	SSV M3.5x11 9532	STK-T15 9910
2525 - 3232	RC.T 1605..	SSV M5x13-9519	STK-T20-9911	PSK4 9128	SSV M3.5x11 9532	STK-T15 9910

EXTERNAL TURNING TOOLS

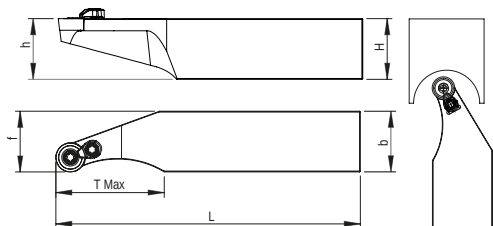


Ordering Code		Item Designation	Dimensions (mm)				Master Insert*
Direction		SRGCR/L (-)	h=H	b	L	f	
Right	Left						
SM27190	SM27213	SRGCR/L 1616 H06	16	16	100	20	RC.T 0602..
SM26568	SM26575	SRGCR/L 2020 K06	20	20	125	24	
SM26728	SM26735	SRGCR/L 2525 M06	25	25	150	29	
SM03040	SM03057	SRGCR/L 1616 H08	16	16	100	20	RC.T 0803..
SM02999	SM03002	SRGCR/L 2020 K08	20	20	125	24	
SM02982	SM03019	SRGCR/L 2525 M08	25	25	150	29	
SM03026	SM26940	SRGCR/L 3232 P08	32	32	170	38	RC.T 10T3..
SM03194	SM03200	SRGCR/L 1616 H10	16	16	100	20	
SM03101	SM03118	SRGCR/L 2020 K10	20	20	125	24	
SM03088	SM03125	SRGCR/L 2525 M10	25	25	150	29	RC.T 1204..
SM03132	SM03217	SRGCR/L 3232 P10	32	32	170	38	
SM03255	SM03262	SRGCR/L 2020 K12	20	20	125	24	
SM03248	SM03279	SRGCR/L 2525 M12	25	25	150	29	RC.T 1605..
SM03286	SM03323	SRGCR/L 3232 P12	32	32	170	38	
SM03361	SM03378	SRGCR/L 2525 M16	25	25	150	29	
SM03385	SM03422	SRGCR/L 3232 P16	32	32	170	38	RC.T 2006..
SM03460	SM03477	SRGCR/L 2525 M20	25	25	150	29	
SM03491	SM03507	SRGCR/L 3232 P20	32	32	170	38	

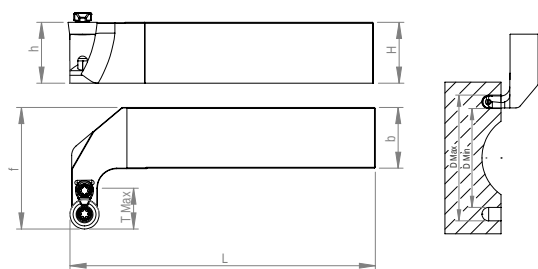
Size Designation	Master Insert*	Spare Parts				
		Screw	Torx Key	Clamp	Clamp Screw	Clamp Screw Key
						
1616 - 2525	RC.T 0602..	SSV M2.5x6-9505	STK-T08-9908	-	-	-
1616 - 3232	RC.T 0803..	SSV M3x8-9508		SSV M3.5x11 9532	PSK4 9128	STK-T15 9910
1616 - 3232	RC.T 10T3..	SSV M3.5x10-9511	STK-T15-9910			
2020 - 3232	RC.T 1204..					
2525 - 3232	RC.T 1605..	SSV M5x13-9519	STK-T20-9911	PSK2 9126		
2525 - 3232	RC.T 2006..	SSV M6x16-9520		PSK3 9127	SSV M6x16 9520	STK-T20 9911

*Suitable Insert is ISO

**Spare Parts Ordering Codes

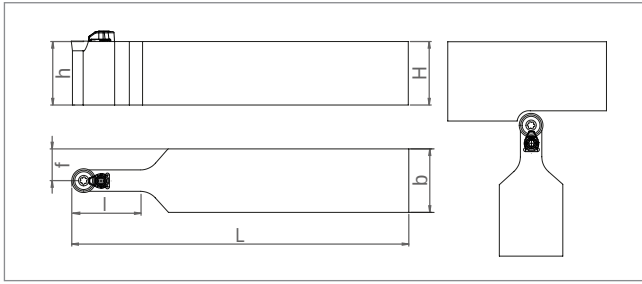


Ordering Code		Item Designation	Dimensions (mm)							Master Insert*
Direction		SRHCR/L (-)	h=H	b	L	f	R Min	R Max	T Max	
Right	Left									
SM03163	SM03170	SRHCR/L 2020 K10	20	20	125	20	37.5	∞	30	RC.T 10T3..
SM03156	SM03149	SRHCR/L 2525 K10	25	25	125	25	37.5	∞	43	
SM03309	SM03316	SRHCR/L 2020 K12	20	20	125	20	37.5	∞	30	RC.T 1204..
SM03330	SM03347	SRHCR/L 2525 K12	25	25	125	25	37.5	∞	43	
SM03408	SM03415	SRHCR/L 2020 K16	20	20	125	20	37.5	∞	30	RC.T 1605..
SM03439	SM03446	SRHCR/L 2525 K16	25	25	125	25	37.5	∞	43	



Ordering Code		Item Designation	Dimensions (mm)							Master Insert*
Direction		SRXCR/L (-)	h=H	b	L	f	D Min	D Max	T Max	
Right	Left									
SM49253	SM49260	SRXCR/L 2525 K08	25	25	125	50	44	∞	17	RC.T 0803..
SM49284	SM49277	SRXCR/L 2525 K10	25	25	125	50	44	∞	17	RC.T 10T3..
SM49291	SM49307	SRXCR/L 2525 K12	25	25	125	50	44	∞	17	RC.T 1204..

Size Designation	Master Insert*	Spare Parts				
		Screw 	Torx Key 	Clamp 	Clamp Screw 	Clamp Screw Key 
1616 - 2525	RC.T 0602..	SSV M2.5x6- 9505	STK-T08- 9908	-	-	-
1616 - 3232	RC.T 0803..	SSV M3x8- 9508		PSK4 9128	SSV M3.5x11 9532	STK-T15 9910
1616 - 3232	RC.T 10T3..	SSV M3.5x10- 9511	STK-T15- 9910			
2020 - 3232	RC.T 1204..					
2525 - 3232	RC.T 1605..	SSV M5x13- 9519	STK-T20- 9911	PSK2 9126	SSV M6x16 9520	STK-T20 9911
2525 - 3232	RC.T 2006..	SSV M6x16- 9520		PSK3 9126		

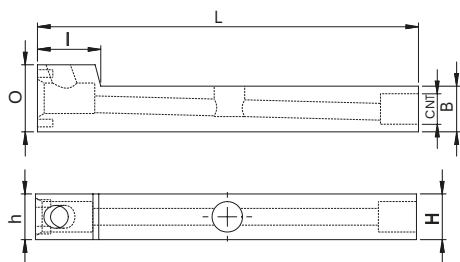


Ordering Code	Item Designation	Dimensions (mm)					Master Insert*
<i>Direction</i>	SRDCN (-)	<i>h=H</i>	<i>b</i>	<i>L</i>	<i>l</i>	<i>f</i>	
<i>Neutral</i>							
SM27152	SRDCN 1616 H06	16	16	100	15	8	RC.T 0602..
SM26551	SRDCN 2020 K06	20	20	125	17	10	
SM27169	SRDCN 2525 M06	25	25	150	17	12.5	
SM03033	SRDCN 1616 H08	16	16	100	15	8	RC.T 0803..
SM02968	SRDCN 2020 K08	20	20	125	20	10	
SM02975	SRDCN 2525 M08	25	25	150	20	12.5	
SM27183	SRDCN 3232 P08	32	32	170	20	16	
SM03187	SRDCN 1616 H10	16	16	100	20	8	RC.T 10T3..
SM03064	SRDCN 2020 K10	20	20	125	20	10	
SM03071	SRDCN 2525 M10	25	25	150	20	12.5	
SM03095	SRDCN 3232 P10	32	32	170	20	16	
SM03224	SRDCN 2020 K12	20	20	125	20	10	RC.T 1204..
SM03231	SRDCN 2525 M12	25	25	150	22	12.5	
SM03293	SRDCN 3232 P12	32	32	170	22	16	RC.T 1605..
SM03354	SRDCN 2525 M16	25	25	150	32	12.5	
SM03392	SRDCN 3232 P16	32	32	170	35	16	RC.T 2006..
SM03453	SRDCN 2525 M20	25	25	150	32	12.5	
SM03484	SRDCN 3232 P20	32	32	170	40	16	
SM27176	SRDCN 4040 S20	40	40	250	40	20	

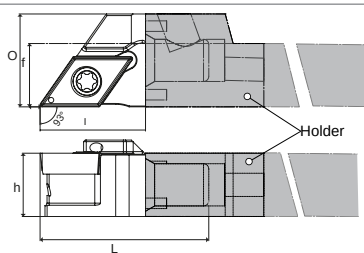
Size Designation	Master Insert*	Spare Parts				
		Screw 	Torx Key 	Clamp 	Clamp Screw 	Clamp Screw Key 
1616 - 2525	RC.T 0602..	SSV M2.5x6- 9505	STK-T08- 9908	-	-	-
1616 - 3232	RC.T 0803..	SSV M3x8- 9508		PSK4 9128	SSV M3.5x11 9532	STK-T15 9910
1616 - 3232	RC.T 10T3..	SSV M3.5x10- 9511	STK-T15- 9910			
2020 - 3232	RC.T 1204..	SSV M5x13- 9519	STK-T20- 9911	PSK2 9126	SSV M6x16 9520	STK-T20 9911
2525 - 3232	RC.T 1605..			PSK3 9127		
2525 - 3232	RC.T 2006..	SSV M6x16- 9520				

*Suitable Insert is ISO

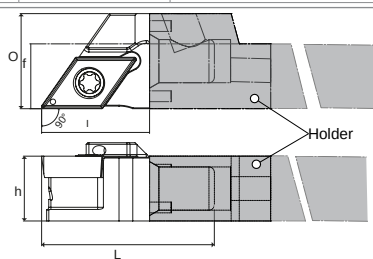
**Spare Parts Ordering Codes



Ordering Code	Item Designation	Dimensions (mm)						
	SKG		H=h	b	L	O	I	CNT
SM80478	SKG 1212 L100 H	✓	12	12	100	17	17	M8x1
SM80485	SKG 1616 L100 H	✓	16	16	100	21	17	M8x1



Ordering Code		Item Designation	Dimensions (mm)						Master Insert*
Direction		SKO SDJCR/L-JT (93)		h	f	I	L	O	
Right	Left								
SM80065	SM80102	SKO 12x20 SDJCR/L-07-JT	✓	12	12	20	32	17	DCM. 0702..
SM80089	SM80126	SKO 16x20 SDJCR/L-07-JT	✓	16	16	20	32	21	
SM80072	SM80119	SKO 16x20 SDJCR/L-11-JT	✓	16	0	20	32	21	DCM. 11T3..
SM80058	SM80096	SKO 12x20 SDJCR/L-11-JT	✓	12	12	20	32	17	

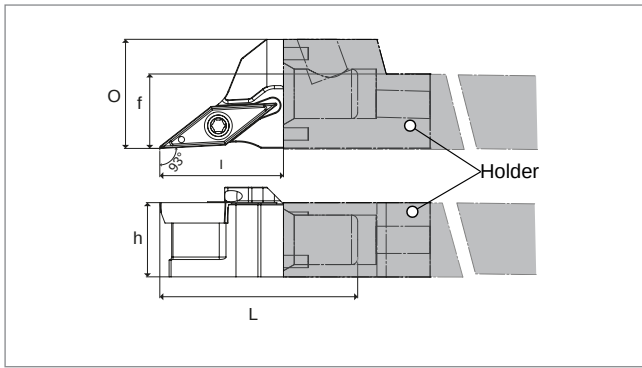


Ordering Code		Item Designation	Dimensions (mm)						Master Insert*
Direction		SKO SDACR/L-JT (90)		h	f	I	L	O	
Right	Left								
SM80140	SM80188	SKO 12x20 SDACR/L-07-JT	✓	12	12	20	32	17	DCM. 0702..
SM80164	SM80201	SKO 16x20 SDACR/L-07-JT	✓	16	16	20	32	21	
SM80133	SM80171	SKO 12x20 SDACR/L-11-JT	✓	12	12	20	32	17	DCM. 11T3..
SM80157	SM80195	SKO 16x20 SDACR/L-11-JT	✓	16	16	20	32	21	

Size Designation	Master Insert*	Spare Parts			
		Screw 	Shim -	Shim Screw -	Torx Key
12x20 - 16x20	DCM. 0702..	SSV M2.5x6-9505	-	-	STK-T08-9908
	DCM. 11T3..	SSV M3.5x10-9511			STK-T15-9910

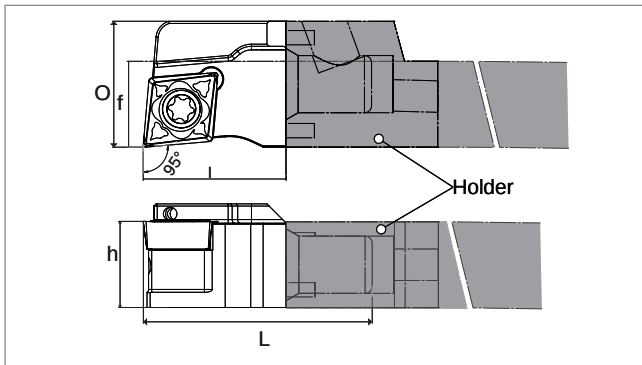
*Suitable Insert is ISO

**Spare Parts Ordering Codes



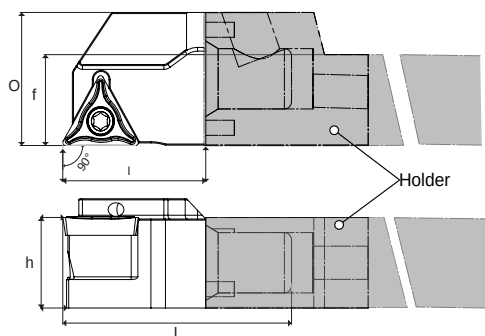
Ordering Code		Item Designation	Dimensions (mm)						Master Insert*
Direction		SKO SVJCR/L-JT (93)		h	f	l	L	O	
Right	Left								
SM80355	SM80379	SKO 12x20 SVJCR/L-11	✓	12	12	20	32	17	VCM. 1103..
SM80362	SM80386	SKO 16x20 SVJCR/L-16	✓	16	16	20	32	21	VCM. 1604..

Size Designation	Master Insert*	Spare Parts			
		Screw 	Shim -	Shim Screw -	Torx Key
12x20	VCM. 1103..	SSV M2.5x6-9505	-	-	STK-T08-9908
16x20	VCM. 1604..	SSV M3.5x10-9511	-	-	STK-T15-9910



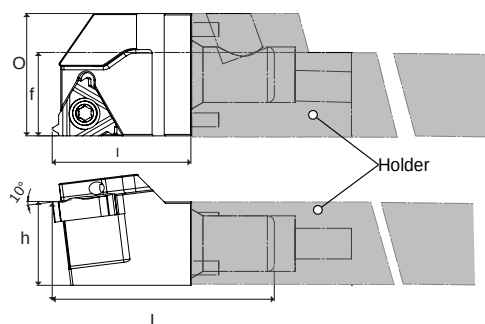
Ordering Code		Item Designation	Dimensions (mm)						Master Insert*
Direction		SKO SCLCR/L-JT (95)		h	f	l	L	O	
Right	Left								
SM80218	SM80256	SKO 12x20 SCLCR/L-06-JT	✓	12	12	20	32	17	CCM. 0602..
SM80232	SM80270	SKO 16x20 SCLCR/L-06-JT	✓	16	16	20	32	21	
SM80225	SM80263	SKO 12x20 SCLCR/L-09-JT	✓	12	12	20	32	17	CCM. 09T3..
SM80249	SM80287	SKO 16x20 SCLCR/L-09-JT	✓	16	16	20	32	21	

Size Designation	Master Insert*	Spare Parts			
		Screw 	Shim -	Shim Screw -	Torx Key
12x20 - 16x20	CCM. 0602..	SSV M2.5x6-9505	-	-	STK-T08-9908
	CCM. 09T3..	SSV M3.5x10-9511			STK-T15-9910



Ordering Code		Item Designation	Dimensions (mm)						Master Insert*
Direction		SKO STGCR/L-JT (90)		h	f	l	L	O	
Right	Left								
SM80294	SM80324	SKO 12x20 STGCR/L-11	✓	12	20	32	17	17	TCM.1102..
SM80300	SM80331	SKO 16x20 STGCR/L-11	✓	16	20	32	21	21	
SM80317	SM80348	SKO 16x20 STGCR/L-16	✓	16	20	32	21	21	TCM.16T3..

Size Designation	Master Insert*	Spare Parts			
		Screw 	Shim -	Shim Screw -	Torx Key
12x20 - 16x20	TCM.1102..	SSV M2.5x6-9505	-	-	STK-T08-9908
16x20	TCM.16T3..	SSV M3.5x10-9511			STK-T15-9910



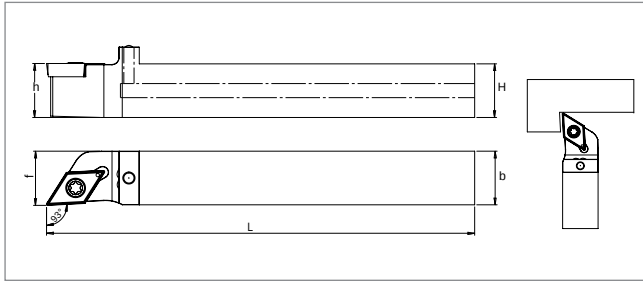
Ordering Code		Item Designation	Dimensions (mm)						Master Insert*
Direction		SKO SER/L-JT		h	f	l	L	O	
Right	Left								
SM80393	SM80430	SKO 12x20 SER/L-11-JT	✓	12	20	32	17	17	11 ER/EL ISO
SM80416	SM80454	SKO 16x20 SER/L-11-JT	✓	16	20	32	21	21	
SM80409	SM80447	SKO 12x20 SER/L-16-JT	✓	12	20	32	17	17	16 ER/EL ISO (0.35-3)
SM80423	SM80461	SKO 16x20 SER/L-16-JT	✓	16	20	32	21	21	

Size Designation	Master Insert*	Spare Parts			
		Screw 	Shim -	Shim Screw -	Torx Key
12x20 - 16x20	11 ER/EL	SSV M2.5x6-9505	-	-	STK-T08-9908
	16 ER/EL	SSV M3.5x10-9511			STK-T15-9910

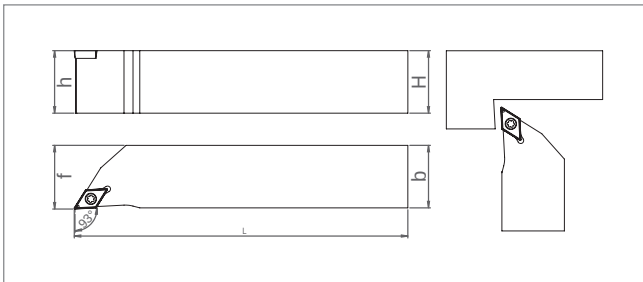
*Suitable Insert is ISO

**Spare Parts Ordering Codes

SWISS TYPE EXTERNAL TURNING TOOLS

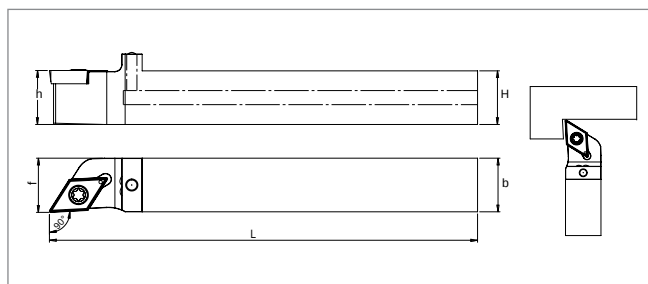


Ordering Code		Item Designation	Dimensions (mm)					Master Insert*
Direction		SDJCR/L K.O-JT (93)		h=H	b	L	f	
Right	Left							
SM74439	SM74446	SDJCR/L 1010 K07 KO-JT	✓	10	10	125	10	DCM. 0702..
SM74453	SM74460	SDJCR/L 1212 K11 KO-JT	✓	12	12	125	12	DCM. 11T3..
SM74477	SM74484	SDJCR/L 1616 K11 KO-JT	✓	16	16	125	16	

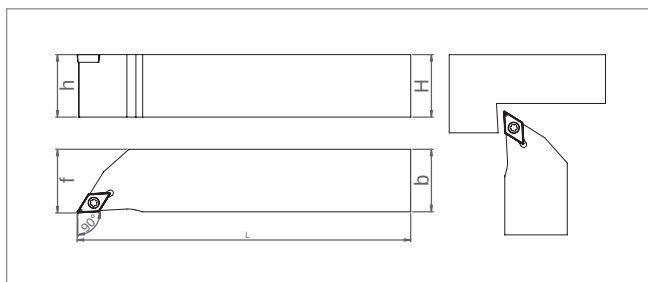


Ordering Code		Item Designation	Dimensions (mm)				Master Insert*
Direction		SDJCR/L K.O (93)	h=H	b	L	f	
Right	Left						
SM23185	SM23291	SDJCR/L 1010 K07 K.O	10	10	125	10	DCM. 0702..
SM23192	SM23307	SDJCR/L 1212 G07 K.O	12	12	90	12	
SM23208	SM23314	SDJCR/L 1212 K07 K.O	12	12	125	12	
SM23215	SM23321	SDJCR/L 1616 F07 K.O	16	16	75	16	
SM23222	SM23338	SDJCR/L 1616 K07 K.O	16	16	125	16	
SM23239	SM23345	SDJCR/L 2020 K07 K.O	20	20	125	20	DCM. 11T3..
SM23246	SM23352	SDJCR/L 1212 G11 K.O	12	12	90	12	
SM23253	SM23369	SDJCR/L 1212 K11 K.O	12	12	125	12	
SM23260	SM23376	SDJCR/L 1616 F11 K.O	16	16	75	16	
SM23277	SM24670	SDJCR/L 1616 K11 K.O	16	16	125	16	
SM23284	SM23390	SDJCR/L 2020 K11 K.O	20	20	125	20	

Size Designation	Master Insert*	Spare Parts					
		Screw	Shim	Shim Screw	Torx Key	Plug	Allen Key
			-	-			
1010 - 2020	DCM. 0702..	SSV M2.5x6-9505	-	-	STK-T08-9908	-	-
1010-JT						SMHT M8-AA4 9261	SAK- AA4-9903
1212 - 2020	DCM. 11T3..	SSV M3.5x10-9511			STK-T15-9910	-	-
1212 - 1616-JT						SMHT M8-AA4 9261	SAK- AA4-9903



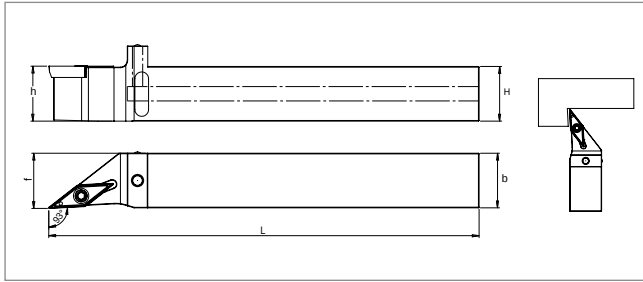
Ordering Code		Item Designation	Dimensions (mm)					Master Insert*
Direction		SDACR/L K.O-JT (90)		h=H	b	L	f	
Right	Left							
SM76570	SM76600	SDACR/L 1010 K07 KO-JT	✓	10	10	125	10	DCM. 0702..
SM76587	SM76617	SDACR/L 1212 K11 KO-JT	✓	12	12	125	12	DCM. 11T3..
SM76594	SM76624	SDACR/L 1616 K11 KO-JT	✓	16	16	125	16	



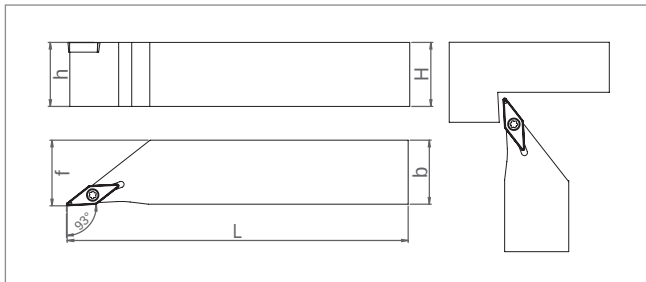
Ordering Code		Item Designation	Dimensions (mm)				Master Insert*
Direction		SDACR/L K.O (90)	h=H	b	L	f	
Right	Left						
SM55391	SM55490	SDACR/L 1010 K07 K.O	10	10	125	10	DCM. 0702..
SM55407	SM55506	SDACR/L 1212 K07 K.O	12	12	125	12	
SM55414	SM55513	SDACR/L 1616 K07 K.O	16	16	125	16	
SM55421	SM55520	SDACR/L 1212 K11 K.O	12	12	125	12	DCM. 11T3..
SM55438	SM55537	SDACR/L 1616 K11 K.O	16	16	125	16	

Size Designation	Master Insert*	Spare Parts					
		Screw	Shim	Shim Screw	Torx Key	Plug	Allen Key
1010 - 2020	DCM. 0702..		-	-	STK-T08-9908	-	-
1010-JT		SSV M2.5x6-9505	-	-		SMHT M8-AA4 9261	SAK-AA4-9903
1212 - 2020	DCM. 11T3..	SSV M3.5x10-9511	-	-	STK-T15-9910	-	-
1212 - 1616-JT						SMHT M8-AA4 9261	SAK-AA4-9903

SWISS TYPE EXTERNAL TURNING TOOLS



Ordering Code		Item Designation	Dimensions (mm)					Master Insert*
Direction		SVJBR/L K.O.-JT (93)		h=H	b	L	f	
Right	Left							
SM76631	SM76655	SVJBR/L 1212 K11 KO-JT	✓	12	12	125	12	VBM. 1103..
SM76648	SM76662	SVJBR/L 1616 K11 KO-JT	✓	16	16	125	16	

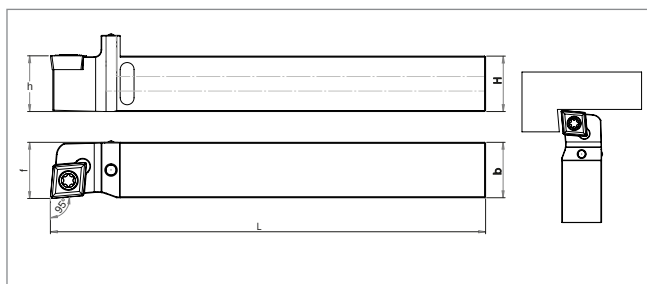


Ordering Code		Item Designation	Dimensions (mm)				Master Insert*
Direction		SVJBR/L K.O (93)	h=H	b	L	f	
Right	Left						
SM23406	SM23468	SVJBR/L 1010 K11 K.O	10	10	125	10	VBM. 1103..
SM23413	SM23475	SVJBR/L 1212 G11 K.O	12	12	90	12	
SM23420	SM23482	SVJBR/L 1212 K11 K.O	12	12	125	12	
SM23437	SM23499	SVJBR/L 1616 F11 K.O	16	16	75	16	
SM23444	SM23505	SVJBR/L 1616 K11 K.O	16	16	125	16	
SM23451	SM23512	SVJBR/L 2020 K11 K.O	20	20	125	20	

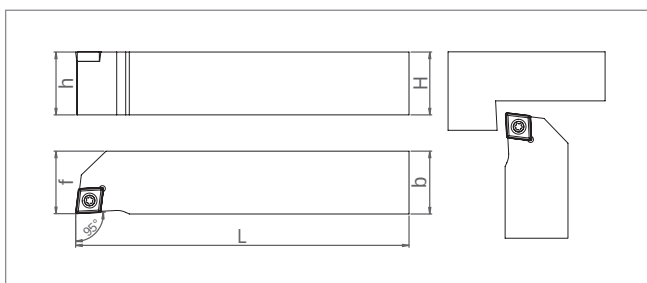
Size Designation	Master Insert*	Spare Parts					
		Screw 	Shim -	Shim Screw -	Torx Key 	Plug 	Allen Key
1010 - 2020	VBM. 1103..	SSV M2.5x6-9505	-	-	STK-T08-9908	-	-
1212 -1616-JT							
						SMHT M8-AA4 9261	SAK- AA4-9903

*Suitable Insert is ISO

**Spare Parts Ordering Codes



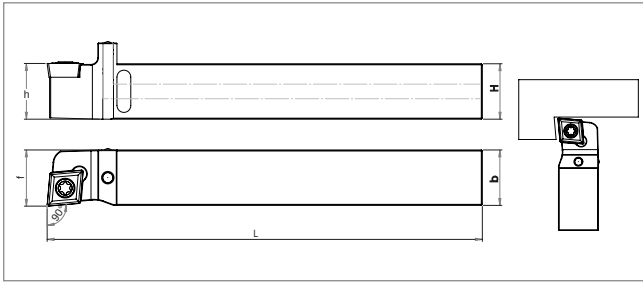
Ordering Code		Item Designation	Dimensions (mm)					Master Insert*
Direction		SCLCR/L K.O.-JT (95)		h=H	b	L	f	
Right	Left							
SM74392	SM74408	SCLCR/L 1212 K09 KO-JT	✓	12	12	125	12	CCM. 09T3..
SM74415	SM74422	SCLCR/L 1616 K09 KO-JT	✓	16	16	125	16	



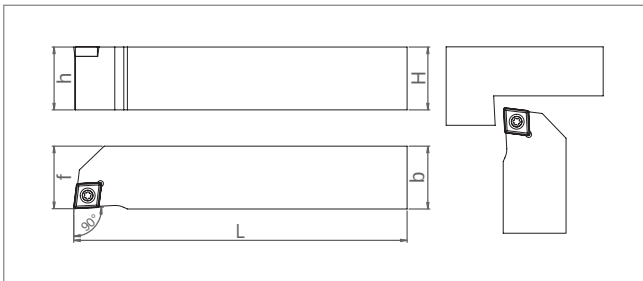
Ordering Code		Item Designation	Dimensions (mm)				Master Insert*
Direction		SCLCR/L K.O (95)	h=H	b	L	f	
Right	Left						
SM22980	SM23086	SCLCR/L 1010 K06 K.O	10	10	125	10	CCM. 0602..
SM23000	SM23093	SCLCR/L 1212 G06 K.O	12	12	90	12	
SM23017	SM23109	SCLCR/L 1212 K06 K.O	12	12	125	12	
SM23024	SM23116	SCLCR/L 1616 F06 K.O	16	16	75	16	
SM23031	SM23123	SCLCR/L 1616 K06 K.O	16	16	125	16	
SM22997	SM23130	SCLCR/L 1212 G09 K.O	12	12	90	12	CCM. 09T3..
SM23048	SM23147	SCLCR/L 1212 K09 K.O	12	12	125	12	
SM23055	SM23154	SCLCR/L 1616 F09 K.O	16	16	75	16	
SM23062	SM23161	SCLCR/L 1616 K09 K.O	16	16	125	16	
SM23079	SM23178	SCLCR/L 2020 K09 K.O	20	20	125	20	

Size Designation	Master Insert*	Spare Parts					
		Screw 	Shim -	Shim Screw -	Torx Key 	Plug 	Allen Key
1010 - 1616	CCM. 0602..	SSV M2.5x6- 9505	-	-	STK-T08- 9908	-	-
1212 - 2020	CCM. 09T3..	SSV M3.5x10- 9511	-	-	STK-T15- 9910	SMHT M8-AA4 9261	SAK- AA4- 9903
1212 - 1616-JT							

SWISS TYPE EXTERNAL TURNING TOOLS

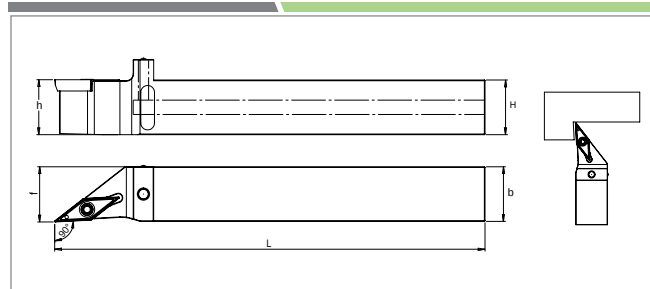


Ordering Code		Item Designation	Dimensions (mm)					Master Insert*
Direction		SCACR/L K.O-JT (90)		h=H	b	L	f	
Right	Left							
SM76532	SM76556	SCACR/L 1212 K09 KO-JT	✓	12	12	125	12	CCM. 09T3..
SM76549	SM76563	SCACR/L 1616 K09 KO-JT	✓	16	16	125	16	

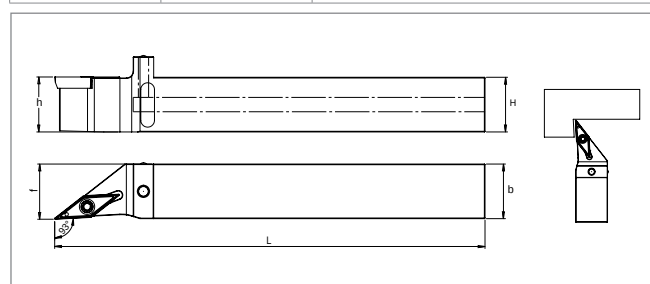


Ordering Code		Item Designation	Dimensions (mm)				Master Insert*
Direction		SCACR/L K.O (90)	h=H	b	L	f	
Right	Left						
SM55445	SM55544	SCACR/L 1010 K06 K.O	10	10	125	10	CCM. 0602..
SM55452	SM55551	SCACR/L 1212 K06 K.O	12	12	125	12	
SM55469	SM55568	SCACR/L 1616 K06 K.O	16	16	125	16	
SM55476	SM55575	SCACR/L 1212 K09 K.O	12	12	125	12	CCM. 09T3..
SM55483	SM55582	SCACR/L 1616 K09 K.O	16	16	125	16	

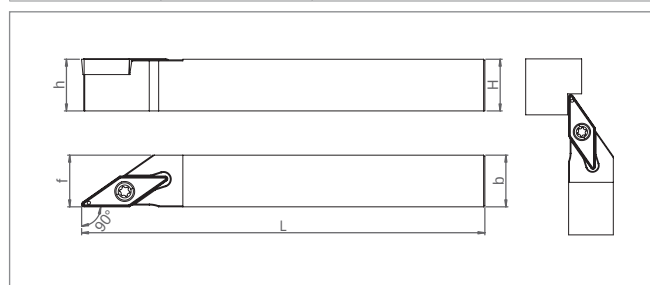
Size Designation	Master Insert*	Spare Parts					
		Screw	Shim	Shim Screw	Torx Key	Plug	Allen Key
			-	-			
1010 - 1616	CCM. 0602..	SSV M2.5x6-9505	-	-	STK-T08-9908	-	-
1212 - 2020	CCM. 09T3..	SSV M3.5x10-9511			STK-T15-9910		
1212 - 1616-JT					SMHT M8-AA4 9261	SAK- AA4-9903	



Ordering Code		Item Designation	Dimensions (mm)					Master Insert*
Direction		SVACR/L K.O.-JT (90)		h=H	b	L	f	
Right	Left							
SM74538	SM74545	SVACR/L 1212 K11 KO-JT	✓	12	12	125	12	VCM. 1103..
SM74552	SM74569	SVACR/L 1616 K11 KO-JT	✓	16	16	125	16	



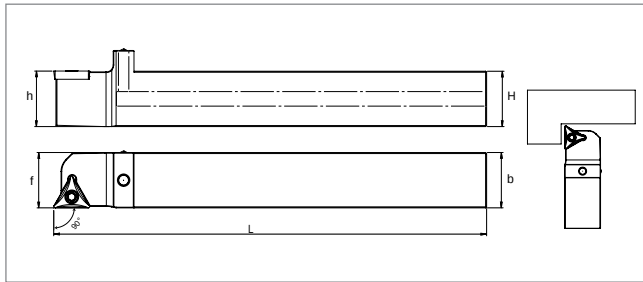
Ordering Code		Item Designation	Dimensions (mm)					Master Insert*
Direction		SVJCR/L K.O.-JT (93)		h=H	b	L	f	
Right	Left							
SM74491	SM74507	SVJCR/L 1212 K11 KO-JT	✓	12	12	125	12	VCM. 1103..
SM74514	SM74521	SVJCR/L 1616 K11 KO-JT	✓	16	16	125	16	



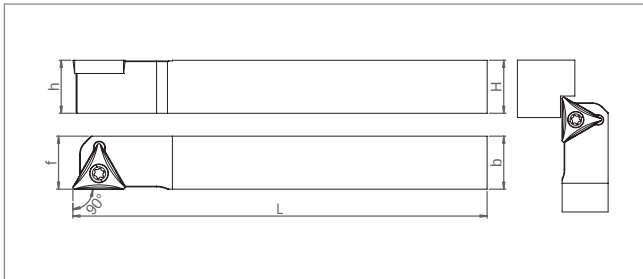
Ordering Code		Item Designation	Dimensions (mm)				Master Insert*
Direction		SVACR/L K.O. (90)	h=H	b	L	f	
Right	Left						
SM45736	SM45743	SVACR/L 1212 K11 K.O.	12	12	125	12	VCM. 1103..
SM45750	SM45767	SVACR/L 1616 K11 K.O.	16	16	125	16	
SM45774	SM45781	SVACR/L 1616 K16 K.O.	16	16	125	16	VCM. 1604..
SM45798	SM45804	SVACR/L 2020 K16 K.O.	20	20	125	20	

Size Designation	Master Insert*	Spare Parts					
		Screw	Shim	Shim Screw	Torx Key	Plug	Allen Key
1010 - 2020	VCM. 1103..	SSV M2.5x6-9505	-	-	STK-T08-9908	-	-
1212 - 1616-JT						SMHT M8-AA4 9261	SAK- AA4-9903
1616 - 2020	VCM. 1604..	SSV M3.5x10-9511	-	-	STK-T15-9910	-	-

SWISS TYPE EXTERNAL TURNING TOOLS



Ordering Code		Item Designation	Dimensions (mm)					Master Insert*
Direction		STGCR/L K.O (90)		h=H	b	L	f	
Right	Left							
SM74576	SM74583	STGCR/L 1212 K11 KO-JT	✓	12	12	125	12	TCM.1103..
SM74590	SM74606	STGCR/L 1616 K11 KO-JT	✓	16	16	125	16	

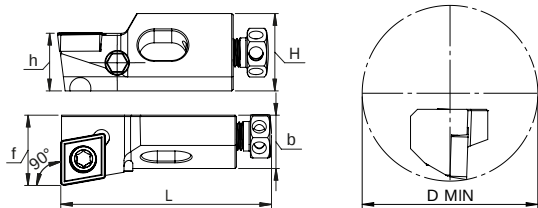


Ordering Code		Item Designation	Dimensions (mm)				Master Insert*
Direction		STGCR/L K.O (90)	h=H	b	L	f	
Right	Left						
SM45651	SM45668	STGCR/L 1212 K11 K.O	12	12	125	12	TCM.1103..
SM45675	SM45682	STGCR/L 1616 K11 K.O	16	16	125	16	
SM45699	SM45705	STGCR/L 1616 K16 K.O	16	16	125	16	TCM.1604..
SM45712	SM51492	STGCR/L 2020 K16 K.O	20	20	125	20	

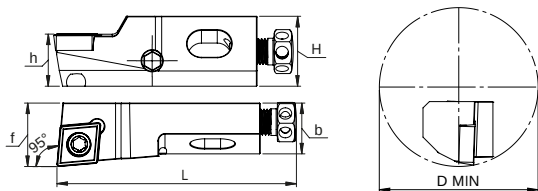
Size Designation	Master Insert*	Spare Parts					
		Screw	Shim	Shim Screw	Torx Key	Plug	Allen Key
1010 - 1616	TCM.1103..	SSV M2.5x6-9505	-	-	STK-T08-9908	-	-
1212 - 1616-JT		-	-	-		SMHT M8-AA4 9261	SAK- AA4-9903
1616 - 2020	TCM.1604..	SSV M3.5x10-9511	-	-	STK-T15-9910	-	-

*Suitable Insert is ISO

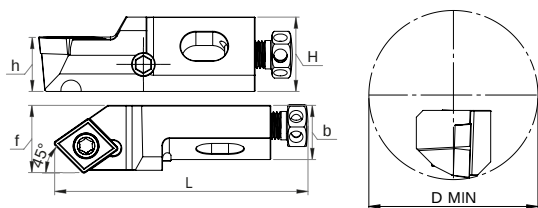
**Spare Parts Ordering Codes



Ordering Code		Item Designation	Dimensions (mm)						Master Insert*
Direction		KT-SCFCR/L (90°)	H	h	f	b	L	D Min	
Right	Left								
SM76112	SM76150	KT06 SCFCR/L-06	8	6	8	6	25	20	CCM. 0602..
SM76129	SM76167	KT08 SCFCR/L-06	11	8	10	8	32	25	
SM76136	SM76174	KT10 SCFCR/L-09	15	10	14	11	50	40	CCM. 09T3..
SM76143	SM76181	KT12 SCFCR/L-09	20	12	20	15	55	50	



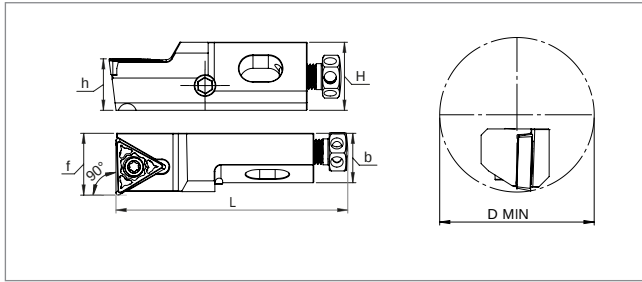
Ordering Code		Item Designation	Dimensions (mm)						Master Insert*
Direction		KT-SCLCR/L (95°)	H	h	f	b	L	D Min	
Right	Left								
SM76259	SM76280	KT08 SCLCR/L-06	11	8	10	8	32	25	CCM. 0602..
SM76266	SM76297	KT10 SCLCR/L-09	15	10	14	11	50	40	
SM76273	SM76303	KT12 SCLCR/L-09	20	12	20	15	55	50	CCM. 09T3..



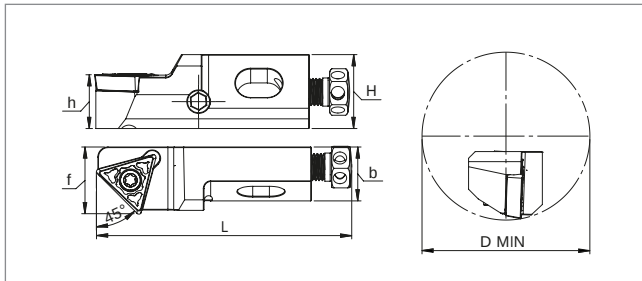
Ordering Code		Item Designation	Dimensions (mm)						Master Insert*
Direction		KT-SCSCR/L (45°)	H	h	f	b	L	D Min	
Right	Left								
SM76198	SM76228	KT06 SCSCR/L-06	8	6	8	6	25	20	CCM. 0602..
SM76204	SM76235	KT08 SCSCR/L-06	11	8	10	8	32	25	
SM76211	SM76242	KT10 SCSCR/L-09	15	10	14	11	50	40	CCM. 09T3..

Size Designation	Master Insert*	Spare Parts	
		Screw	Torx Key
KT06 - KT08	CCM. 0602..	 SSV M2.5x6-9505	 STK-T08-9908
KT10 - KT12	CCM. 09T3..	 SSV M3.5x10-9511	STK-T15-9910

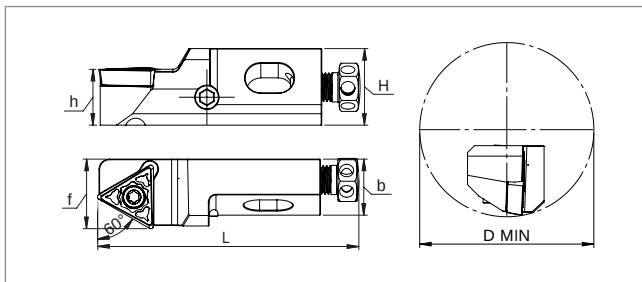
CARTRIDGE TYPE TURNING TOOLS



Ordering Code		Item Designation	Dimensions (mm)						Master Insert*
Direction		KT-STFCR/L (90°)	H	h	f	b	L	D Min	
Right	Left								
SM76310	SM76341	KT08 STFCR/L-09	11	8	10	8	32	25	TCM.0902..
SM76327	SM76358	KT10 STFCR/L-11	15	10	14	11	50	40	TCM.1102..
SM76334	SM76365	KT12 STFCR/L-16	20	12	20	15	55	50	TCM.16T3..

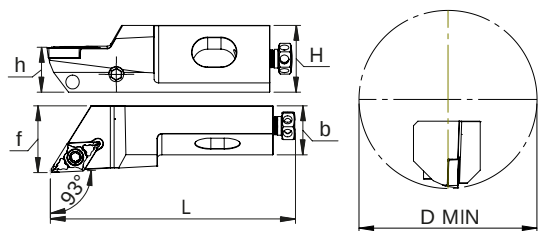


Ordering Code		Item Designation	Dimensions (mm)						Master Insert*
Direction		KT-STSCR/L (45°)	H	h	f	b	L	D Min	
Right	Left								
SM76372	SM76402	KT08 STSCR/L-09	11	8	10	8	32	25	TCM.0902..
SM76389	SM76419	KT10 STSCR/L-11	15	10	14	11	50	40	TCM.1102..
SM76396	SM76426	KT12 STSCR/L-16	20	12	20	15	55	50	TCM.16T3..



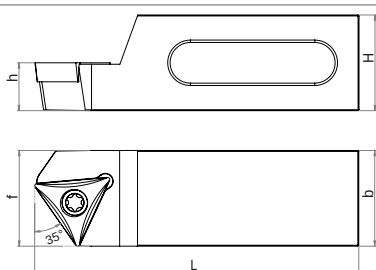
Ordering Code		Item Designation	Dimensions (mm)						Master Insert*
Direction		KT-STTCR/L (60°)	H	h	f	b	L	D Min	
Right	Left								
SM76433	SM76464	KT08 STTCR/L-09	11	8	10	8	32	25	TCM.0902..
SM76440	SM76471	KT10 STTCR/L-11	15	10	14	11	50	40	TCM.1102..
SM76457	SM76488	KT12 STTCR/L-16	20	12	20	15	55	50	TCM.16T3..

Size Designation	Master Insert*	Spare Parts	
		Screw	Torx Key
KT08	TCM.0902..	 SSV M2.2x5- 9503	 STK-T06- 9906
KT10	TCM.1102..	SSV M2.5x6- 9505	STK-T08- 9908
KT12	TCM.16T3..	SSV M3.5x10- 9511	STK-T15- 9910

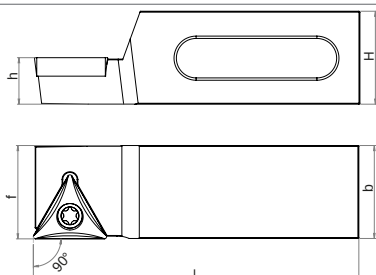


Ordering Code		Item Designation	Dimensions (mm)						Master Insert*
Direction		KT-SDJCR/L (93°)	H	h	f	b	L	D Min	
Right	Left								
SM76495	SM76518	KT10 SDJCR/L-07	15	10	15	11	50	40	DCM. 0702..
SM76501	SM76525	KT12 SDJCR/L-11	20	12	20	15	55	50	DCM. 11T3..

Size Designation	Master Insert*	Spare Parts	
		Screw	Torx Key
KT10	DCM. 0702..	 SSV M2.5x6- 9505	 STK-T08- 9908
KT12	DCM. 11T3..	 SSV M3.5x10- 9511	 STK-T15- 9910



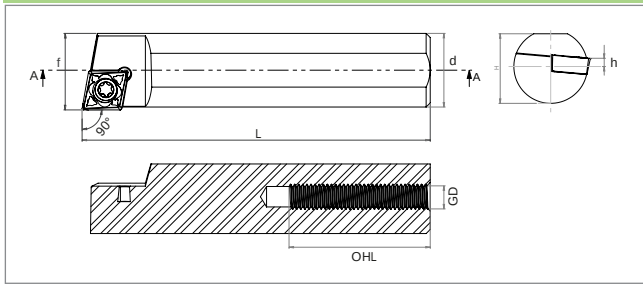
Ordering Code		Item Designation	Dimensions (mm)					Master Insert*
Direction		STXCR/L (35°)	H	h	f	b	L	
Right	Left							
SM77324	SM77355	STXCR/L 2020 B16	20	10	20	20	45	TCM.16T3..
SM77331	SM77362	STXCR/L 2020 E16	20	10	20	20	70	
SM77348	SM77379	STXCR/L 2020 H16	20	10	20	20	100	



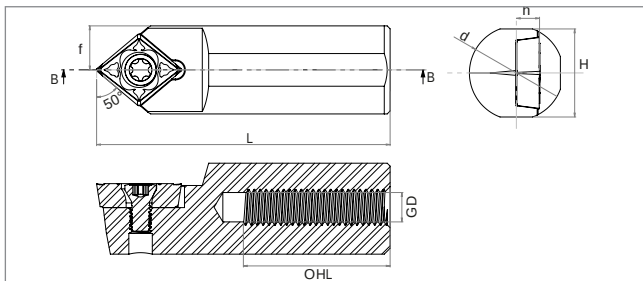
Ordering Code		Item Designation	Dimensions (mm)					Master Insert*
Direction		STGCR/L (90°)	H	h	f	b	L	
Right	Left							
SM77386	SM77416	STGCR/L 2020 B16	20	10	20	20	45	TCM.16T3..
SM77393	SM77423	STGCR/L 2020 E16	20	10	20	20	70	
SM77409	SM77430	STGCR/L 2020 H16	20	10	20	20	100	

Size Designation	Master Insert*	Spare Parts	
		Screw	Torx Key
2020	TCM.16T3..	 SSV M3.5x8- 9510 SSV M3.5x10- 9511	 STK-T15- 9910

CARTRIDGE TYPE TURNING TOOLS



Ordering Code		Item Designation	Dimensions (mm)							Master Insert*
Direction		S-SCACR/L (90°)	d	h	f	H	L	OHL	GD	
Right	Left									
SM77744	SM77867	S1848 SCACR/L-09	18	2	18.65	17	48	30	M6x1	CCM. 09T3..
SM77751	SM77874	S1867 SCACR/L-09	18	2	18.65	17	67	35	M6x1	
SM77768	SM77881	S1885 SCACR/L-09	18	2	18.65	17	85	35	M6x1	
SM77775	SM77898	S18105 SCACR/L-09	18	2	18.65	17	105	35	M6x1	
SM77782	SM77904	S18175 SCACR/L-09	18	2	18.65	17	175	35	M6x1	
SM77799	SM77911	S1632 SCACR/L-09	16	2	16.65	15	32	15	M6x1	
SM77805	SM77928	S1640 SCACR/L-09	16	2	16.65	15	40	20	M6x1	
SM77812	SM77935	S1650 SCACR/L-09	16	2	16.65	15	50	30	M6x1	
SM77829	SM77942	S1660 SCACR/L-09	16	2	16.65	15	60	35	M6x1	
SM77836	SM77959	S1670 SCACR/L-09	16	2	16.65	15	70	35	M6x1	
SM77843	SM77966	S1690 SCACR/L-09	16	2	16.65	15	90	35	M6x1	
SM77850	SM77973	S16100 SCACR/L-09	16	2	16.65	15	100	35	M6x1	

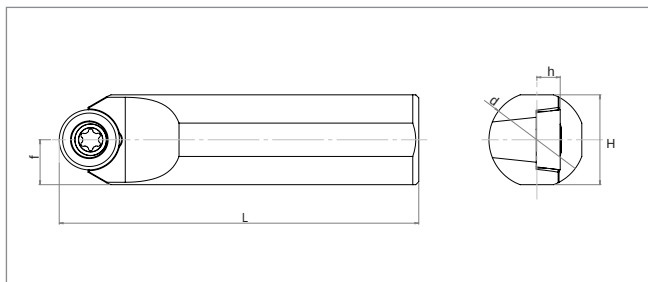


Ordering Code	Item Designation	Dimensions (mm)							Master Insert*
<i>Direction</i>	<i>S-SCMCN (50°)</i>	<i>d</i>	<i>h</i>	<i>f</i>	<i>H</i>	<i>L</i>	<i>OHL</i>	<i>GD</i>	
<i>Neutral</i>									
SM77980	S1025 SCMCN-06	10	1	5	9	25	10	M5x0.8	CCM. 0602..
SM77997	S1032 SCMCN-06	10	1	5	9	32	15	M5x0.8	
SM78000	S1040 SCMCN-06	10	1	5	9	40	20	M5x0.8	
SM78017	S1050 SCMCN-06	10	1	5	9	50	25	M5x0.8	
SM78024	S1060 SCMCN-06	10	1	5	9	60	25	M5x0.8	
SM78031	S1650 SCMCN-09	16	2	8	15	60	25	M6x1	CCM. 09T3..

Size Designation	Master Insert*	Spare Parts	
		Screw 	Torx Key 
S1025 - S1060	CCM. 0602..	SSV M2.5x6-9505	STK-T08-9908
S1848 - S16100	CCM. 09T3..	SSV M3.5x8-9510	STK-T15-9910

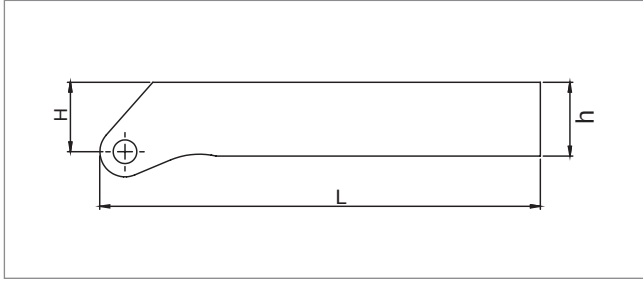
*Suitable Insert is ISO

**Spare Parts Ordering Codes

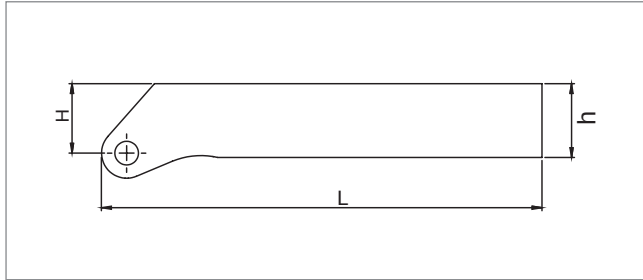


Ordering Code	Item Designation	Dimensions (mm)					Master Insert*
<i>Direction</i>	<i>S-SRDCN (-)</i>	<i>d</i>	<i>h</i>	<i>f</i>	<i>H</i>	<i>L</i>	
<i>Neutral</i>							
SM78048	S1260 SRDCN-10	12	3.9	6	11	60	RC.T 10T3..
SM78055	S1460 SRDCN-10	14	3.9	7	13	60	
SM78062	S1660 SRDCN-10	16	3.9	8	15	60	

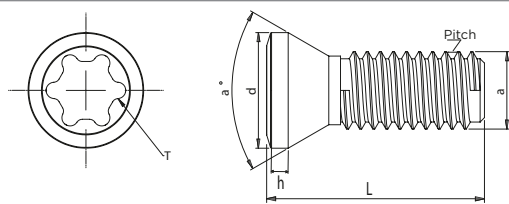
Size Designation	Master Insert*	Spare Parts	
		Screw	Torx Key
S1025 - S1060			
		SSV M3.5x10-9511	STK-T15-9910



Ordering Code	Item Designation	Dimensions (mm)				Master Insert*
<i>Direction</i>	CENTERING TOOLS	<i>H</i>	<i>h</i>	<i>L</i>		
-						
SM20542	2020 CCT 2.5x6	20	20	125	SNSV M5x8 9306	SAK-AA2.5-9912
SM39407	2020 CCT 2.5x6.30	20	20	125		
SM27886	2525 CCT 2.5x6.30	25	25	150		
SM20573	2525 CCT 2.5x6	25	25	150		
SM20559	2020 CCT 3.15x8	20	20	125		
SM20580	2525 CCT 3.15x8	25	25	150		
SM20566	2020 CCT 4x10	20	20	125	SNSV M6x10 9308	SAK-AA3-9902
SM20597	2525 CCT 4x10	25	25	150		



Ordering Code	Item Designation	Dimensions (mm)				
	CNC KNURLING TOOLS	<i>h</i>	<i>H</i>	<i>L</i>	<i>Spare Parts</i>	
SM20528	2020 CKTT 20x10	20	20	125	TMP1 6x20-9314	
SM61019	2020 CKTT 20x8	20	20	125		
SM20535	2525 CKTT 20x10	25	25	150	TMP2 6x24-9315	
SM61026	2525 CKTT 20x8	25	25	150		



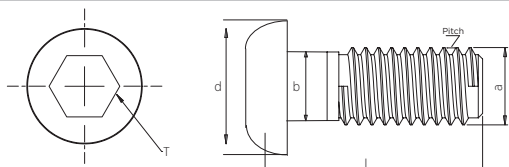
Stock Code	Item Designation	Dimensions (mm)							
	SSV METRIC TORX SCREWS	<i>a</i> (Metric)	<i>Pitch</i>	<i>Drive Size T</i>	<i>L</i>	<i>h</i>	<i>d</i>	<i>a°</i>	N.m
SM74958	SSV M1.6X3.20-9546	1.6	0.35	T06	3.65		2.5	60	0,4
SM74736	SSV M1.8X3.65-9545	1.8	0.35	T06	3.67		2.5	55	0,4
SM39216	SSV M1.8x4-9501	1.8	0.35	T06	3.95		2.4	55	0,4
SM52345	SSV M2x4-9521	2	0.4	T06	3.9		2.82	60	0,4
SM22119	SSV M2x5-9502	2	0.4	T06	4.85		2.80	60	0,4
SM21426	SSV M2.2x5-9503	2.2	0.45	T06	5		2.82	50	0,65
SM63792	SSV M2.5x5-T06-9540	2.5	0.45	T06	4.75		3.25	55	1,0
SM49536	SSV M2.5x5-9504	2.5	0.45	T08	4.80		3.5	55	1,0
SM39568	SSV M2.5x6-9505	2.5	0.45	T08	5.9		3.5	55	1,0
SM78154	SSV M2.5x6.5-9534	2.5	0.45	T08	6.4		3.5	55	1,0
SM21402	SSV M2.5x7-9506	2.5	0.45	T08	6.96		3.5	55	1,0
SM63761	SSV M2.5x7-39011-9537	2.5	0.45	T08	7.15	1.75	3.46	60	1,0
SM63891	SSV M2.5x6-39011-9541	2.5	0.45	T08	5.77	1.75	3.5	60	1,0
SM49673	SSV M3x6-9507	3	0.5	T08	5.97		4	50	1,9
SM78147	SSV M3x5 LG-9525	3	0.5	T08	4,98		3.88	60	1,9
SM39889	SSV M3x6.5 LG-9509	3	0.5	T08	6.45		3.88	60	1,9
SM52376	SSV M3x7-9527	3	0.5	T08	6.86		4	60	1,9
SM21464	SSV M3x8-9508	3	0.5	T08	7.88		4	60	1,9
SM27350	SSV M3.5x8-9510	3.5	0.6	T15	7.9		5.3	60	2,7
SM27367	SSV M3.5x8-SC-9513	3.5	0.6	T10	8.5		4.80	60	2,7
SM21433	SSV M3.5x10-9511	3.5	0.6	T15	10		5.3	60	2,7
SM58163	SSV M3.5x11-9532	3.5	0.6	T15	10.80		5.4	60	2,7
SM65048	SSV M3.5x9-SC-9544	3.5	0.6	T10	9		4.80	60	2,7
SM53465	SSV M3.5x12-SC-9531	3.5	0.6	T10	11.60		4.88	60	2,7
SM00180	SSV M3.5x12-9526	3.5	0.6	T15	11.80		5.27	60	2,7
SM21440	SSV M3.5x14-9512	3.5	0.6	T15	14		5.30	60	2,7
SM64157	SSV M4x9-9542	4	0.7	T15	8.80		5.7	60	3,9
SM29897	SSV M4x10-9514	4	0.7	T15	9.92		5.7	60	3,9
SM00470	SSV M4x9x5-9528	4	0.7	T15	8.80		5.55	60	3,9
SM21471	SSV M4x12-9515	4	0.7	T15	11.90		5.73	60	3,9
SM00487	SSV M4x12x5-9529	4	0.7	T15	11.68		5.5	60	3,9
SM29934	SSV M4x12x6-9517	4	0.7	T15	13.07		6.63	45	3,9
SM40083	SSV M4x14-9516	4	0.7	T15	13.80		5.7	60	3,9
SM21457	SSV M4.5x11-9518	4.5	0.75	T20	10.9		6.52	60	4,7
SM39193	SSV M5x13-9519	5	0.8	T20	13		7	60	5,5
SM00494	SSV M5x18-9530	5	0.8	T20	18.25		7.80	60	5,5
SM39186	SSV M6X16-9520	6	1.0	T20	15.8	-	8.50	60	8,0



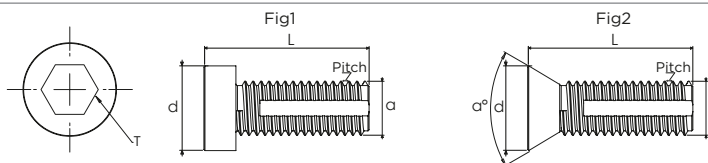
Stock Code	CLAMPS	Item Designation
SM21259	TSK1-9101	T System Turning Tools
SM21297	TSK2-9102	T System Turning Tools
SM21310	TSK3-9103	T System Turning Tools
SM21327	TSK4-9104	T System Turning Tools
SM21358	TSK5-9105	T System Turning Tools
SM49611	TSK6-9106	T System Turning Tools
SM01712	TSK7-9125	T System Turning Tools
SM21266	MSK1-9107	M System Turning Tools
SM21334	MSK2-9108	M System Turning Tools
SM21303	MSK3-9109	M System Turning Tools
SM21341	MSK4-9110	M System Turning Tools
SM26667	CSK/R-9112	C System Turning Tools
SM26674	CSK/L-9113	C System Turning Tools
SM29866	CSK1/R-9111	C System Turning Tools
SM21280	CSK1/L-9119	C System Turning Tools
SM21273	CSK2/R-9113	C System Turning Tools
SM49604	CSK2/L-9112	C System Turning Tools
SM00159	CSK3/R-9117	C System Turning Tools
SM00142	CSK3/L-9118	C System Turning Tools
SM52154	CSK4-9114	C System Turning Tools
SM52161	CSK5-9115	C System Turning Tools
SM27206	RDTP-9124	RDMT/RDKW Milling Tools
SM30008	TKBP-9116	OFER / TPKN / SNGN / SPKN Milling Tools
SM68360	CCK 0106-9129	RCGX 0606.. Turning Tools
SM68377	CCK 0209-9130	RCGX 0904.. Turning Tools
SM68384	CCK 0312-9131	RCGX 1204.. Turning Tools



Stock Code	LEVERS	Item Designation
SM21372	SPL1-9120	WNMG08 / CNMG12 / SNMG12 Inserts
SM21389	SPL2-9121	CNMG16 / SNMG15 Inserts
SM27268	SPL3-9122	CNMG19 / SNMG19 Inserts
SM00173	SPL4-9123	DNMG 1506.. Inserts



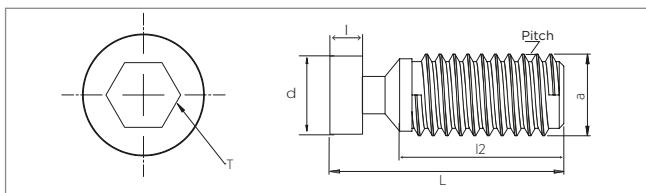
Stock Code	Item Designation	Dimensions (mm)					
	CLAMP SCREWS	<i>a</i> (Metric)	Pitch	<i>T</i> Drive Size	<i>d</i>	<i>b</i>	<i>L</i>
SM52192	TSBV M5x16-9222	5	0.8	AA3	9	5.43	16.15
SM49574	TSBV M5x18-9201	5	0.8	AA3	9	5.43	18.19
SM21617	TSBV M5x24-9202	5	0.8	AA3	10.85	5.35	24
SM63532	TSBV M6x25-9248	6	1.0	AA3	11.26	8.15	25
SM00661	TSBV M6x27-9203	6	1.0	AA3	13.80	8.15	27
SM21624	TSBV M6x28-9205	6	1.0	AA3	13.80	8.15	30
SM21631	TSBV M6x28x7-9206	6	1.0	AA3	13.50	7.00	30
SM21679	TSBV M8x30-9207	8	1.25	AA4	13.80	8.15	30
SM77287	BKTV M3x19-9548	3	0.5	?	?	?	?
SM52208	BKTV M4x15-9210	4	0.7	AA3	6.55	3.90	15
SM72183	BKTV M4x15x6-9252	4	0.7	AA3	6	3.90	15
SM52215	BKTV M5x17-9211	5	0.8	AA4	8.50	4.90	17
SM52222	BKTV M5x18x8-9212	5	0.8	AA4	8	4.80	18
SM77270	BKTV M5x21-9547	5	0.8	?	?	?	21
SM52239	BKTV M6x20x8-9213	6	1.0	AA4	8.50	5.85	20
SM52246	BKTV M6x21-9214	6	1.0	AA5	9.90	5.90	22
SM21648	BKTV M6x25-9215	6	1.0	AA4	9.90	5.80	25
SM59573	BKTV M6x25-9233	6	1.0	AA5	9.90	5.80	26
SM60753	BKTV M6x28-9240	6	1.0	AA5	9.90	5.80	30
SM60760	BKTV M6x35-9241	6	1.0	AA5	9.90	5.80	35
SM52253	BKTV M8x30x11-9217	8	1.25	AA5	11.85	7.90	30
SM59566	BKTV M8x1x25-9232	8	1.0	AA4	11.50	7.90	25
SM26742	BKTV M8x28-9216	8	1.25	AA6	12.90	7.90	28
SM00197	CSBV M6x20-9209	6	1.0	AA4	11.80	5.90	20
SM26759	CSBV1 M6x25-9223	6	1.0	AA5	9.90	5.90	26
SM29941	CSBV M8x29x11-9208	8	1.25	AA4	11	7.80	29
SM04377	TKSV M8x1x18-9227	8	1.0	AA4	-	-	18



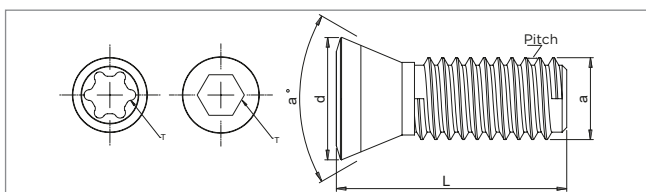
Stock Code	Item Designation		Dimensions (mm)							
	<i>MOUNTING SCREWS WITH COOLANT HOLE FACEMILLS</i>		Mill Dia.	<i>a</i> (Metric)	Pitch	<i>T</i> Drive Size	<i>d</i>	<i>L</i>	<i>a</i> °	Fig.
SM60692	STV-C M8x1390-9234	✓	D40	8	1.25	AA5	13	30	90	1
SM61125	STV M8x1390-9242	-	D40	8	1.25	AA5	13	30	90	1
SM60708	STV-C M8x1160-9235	✓	D40*	8	1.25	AA5	11,50	39	60	2
SM61132	STV M8x1160-9243	-	D40*	8	1.25	AA5	11,50	39	60	2
SM60715	STV-C M10x1690-9236	✓	D50** D63**	10	1.50	AA6	16	44	60	2
SM61149	STV M10x1690-9244	-	D50** D63**	10	1.50	AA6	16	35	60	2
SM60722	STV-C M10x1660-9237	✓	D50 D63	10	1.50	AA7	16	30	90	1
SM61156	STV M10x1660-9245	-	D50 D63	10	1.50	AA7	16	30	90	1
SM72176	STV-C M10x1330-9251	✓	D50	10	1.50	AA7	13	30	90	1
SM72169	STV M10x1330-9250	-	D50	10	1.50	AA7	13	30	90	1
SM60739	STV-C M12x1890-9238	✓	D80	12	1.75	AA8	18	42	90	1
SM61163	STV M12x1890-9246	-	D80	12	1.75	AA8	18	42	90	1
SM60746	STV-C M16x2390-9239	✓	D100	16	2.00	AA14	23	54	90	1
SM61170	STV M16x2390-9247	-	D100	16	2.00	AA14	23	54	90	1

INSERT SHIMS

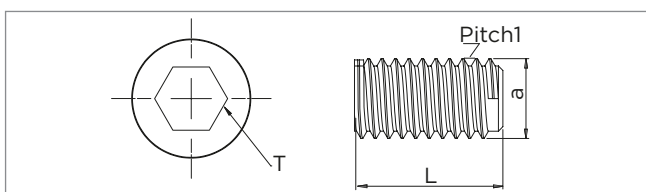
Item	Order Code	Item Designation	Suitable Insert
	SM21921	BAX DN11-9601	DNMG 11 SHIM
	SM21792	BAX DN15-9602	DNMG 15 SHIM
	SM21877	BAX CN12-9603	CNMG 12 SHIM
	SM21907	BAX CN16-9604	CNMG 16 SHIM
	SM21914	BAX CN19-9605	CNMG 19 SHIM
	SM40014	BAX WN06-9606	WNMG 06 SHIM
	SM21891	BAX WN08-9607	WNMG 08 SHIM
	SM21822	BAX SN12-9608	SNMG 12 SHIM
	SM21976	BAX SN15-9609	SNMG 15 SHIM
	SM39520	BAX SN19-9629	SNMG 19 SHIM
	SM21846	BAX TN16-9610	TNMG 16 SHIM
	SM21860	BAX TN22-9611	TNMG 22 SHIM
	SM21839	BAX VN16-9612	VNMG 16 SHIM
	SM21808	BAX DC11-9613	DCMT 11 SHIM
	SM21952	BAX SC12-9615	SCMT 12 SHIM
	SM27343	BAX CC09-9616	CCMT 09 SHIM
	SM21938	BAX CC12-9617	CCMT 12 SHIM
	SM21884	BAX VB16-9618	VBMT 16 SHIM
	SM21983	BAX TC16-9619	TCMT 16 SHIM
	SM29880	BAX VC16-9620	VCMT 16 SHIM
	SM21815	BAX KN16/R-9621	KNUX/R 16 SHIM
	SM21969	BAX KN16/L-9622	KNUX/L 16 SHIM
	SM21853	BAX ER/L16-9623	ER/L 16-R/L SHIM
	SM21990	BAX ER/L22-9624	ER/L 22-R/L SHIM
	SM52451	BAX IR/L16-9623	IR/L 16-R/L SHIM
	SM52468	BAX IR/L22-9624	IR/L 22-R/L SHIM
	SM39223	BAX TER16-9625	TER 16 SHIM
	SM52475	BAX TEL16-9626	TEL 16 SHIM
	SM39230	BAX TER 22-9627	TER 22 SHIM
	SM52482	BAX TEL 22-9628	TEL 22 SHIM
	SM01408	BAX TER-27-9630	TER 27 SHIM
	SM01415	BAX TEL-27-9631	TEL 27 SHIM
	SM68339	BAX RC06-9632	RCGX 0606 SHIM
	SM68346	BAX RC09-9633	RCGX 0904 SHIM
	SM68353	BAX RC09-9634	RCGX 1207 SHIM



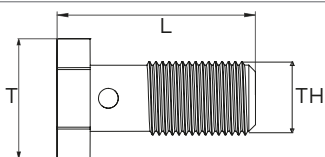
Stock Code	Item Designation	Dimensions (mm)						
	LEVER SCREWS	<i>a</i> (Metric)	Pitch	<i>T</i> Drive Size	<i>d</i>	<i>L</i>	<i>l</i>	<i>l2</i>
SM22157	SLV1 M8x20-9224	8	1.25	AA3	7.90	20	6	10.50
SM22164	SLV2 M8x24-9225	8	1.25	AA3	7.90	24	6	15
SM22171	SLV3 M10x29-9226	10	1.50	AA4	9.90	29	6.80	18
SM53120	SLV4 M8x21-9229	8	1.25	AA3	7.90	21	4.50	12
SM58156	SLV5 M8x19-9231	8	1.25	AA3	7.90	19	4.30	12
SM76037	SLV7 M8x17-9253	8	1.25	AA3	7.90	17	4.50	12
SM64430	SLV6 M8x18-9249	8	1.25	AA3	7.90	18	4.30	12



Stock Code	Item Designation	Dimensions (mm)						
	BALL NOSE SCREWS	<i>a</i> (Metric)	Pitch	Drive Size	<i>d</i>	<i>b</i>	<i>L</i>	<i>a</i> °
SM21532	TC170 M3x0.5x7-9801	3	0.5	T08	4.20	2.90	7	50
SM21556	TC172 M4x0.5x8-9802	4	0.5	T15	6	3.95	8	60
SM21563	TC174 M5x0.5x9-9803	5	0.5	T20	7	4.95	9	80
SM21570	TC176 M5x0.5x13-9804	5	0.5	T20	7.40	4.95	13.50	45
SM21587	TC178 M5x0.5x17-9805	5	0.5	T20	7.90	4.95	17.50	45
SM21549	TC181 M6x0.75x22-9806	6	0.75	AA3	9.50	5.95	22.50	60
SM21594	TC184 M8x0.75x28-9807	8	0.75	AA4	11.70	7.95	28	60

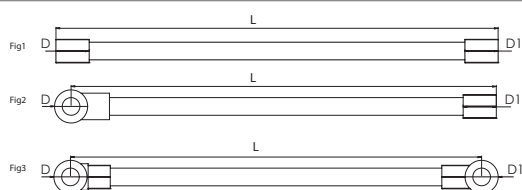


Stock Code	Item Designation	Dimensions (mm)			
	ADJUSTMENT SCREWS	<i>a</i> (Metric)	Pitch	Drive Size	<i>L</i>
SM52260	SNSV M3x6-9301	3	0.5	AA1.5	6
SM52277	SNSV M4x8-9302	4	0.6	AA2	8
SM52284	SNSV M4x10-9303	4	0.6	AA2	10
SM52291	SNSV M4x12-9304	4	0.6	AA2	12
SM52307	SNSV M4x16-9305	4	0.6	AA2	16
SM62498	SNSV M5x8-9306	5	0.6	AA2.5	8
SM52314	SNSV M5x15-9307	5	0.6	AA2.5	15
SM52321	SNSV M5x20-9318	5	0.6	AA2.5	20
SM52338	SNSV M6x10-9308	6	1.0	AA3	10
SM78840	SNSV M3x4-9323	3	0.5	AA1.5	4
SM78857	SNSV M4x4-9324	4	0.7	AA2	4



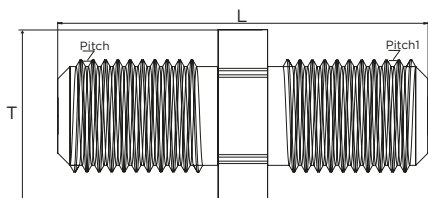
COOLING ACCESSORY CONNECTION SCREW

Stock Code	Item Designation	L	TH	T
SM60623	SMAB G1/8	27	G1/8"	14
SM60630	SMAB M10x1	27	M10	14



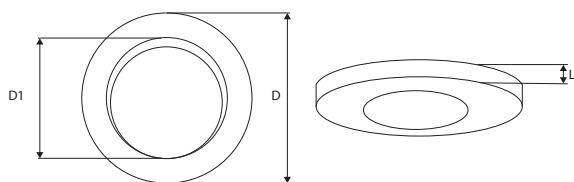
COOLING ACCESSORY HOSE

Stock Code	Item Designation	L	D	D1	Fig.	Max. Bar
SM60357	SMDD G1/8-G1/8	250	G1/8"	G1/8"	1	50
SM60364	SMDY G1/8-G1/8	250	G1/8"	G1/8"	2	50
SM60371	SMYY G1/8-G1/8	250	G1/8"	G1/8"	3	50



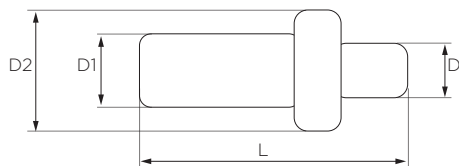
COOLING ACCESSORY FASTENER

Stock Code	Item Designation	L	Pitch	Pitch1	T
SM60388	SMRK G1/8-G1/8	26,5	G1/8"	G1/8"	14
SM60395	SMRK1 G1/8-M10x1	26,5	G1/8"	M10x1	14

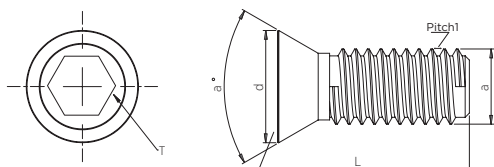


COOLING ACCESSORY COOPER GASKET

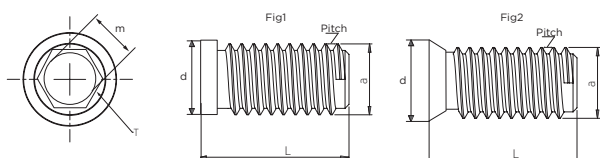
Stock Code	Item Designation	D	D1	L
SM60654	SMBC 1/8	14	10	1.5



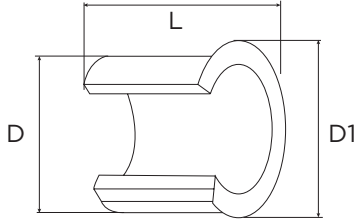
Stock Code	Item Designation	Dimensions (mm)			
	<i>SHIM PINS</i>	<i>D</i>	<i>D1</i>	<i>D2</i>	<i>L</i>
SM21228	BMP1 3.70x5x17-9309	3.70	5	6	17
SM21235	BMP2 5x6x16-9310	5	6	7	16
SM21242	BMP3 5x6x17-9311	5	6	7	17
SM59580	BMP4 3.70x5x12-9322	3.70	5	6	12
SM49567	BMP5 3.70x5x13-9312	3.70	5	6	13
SM49598	BMP6 5x6x14-9316	5	6	7	14
SM58460	BMP7 3.70x5x11-9317	3.70	5	6	11
SM58477	BMP8-3.70x5x14-9318	3.70	5	6	14



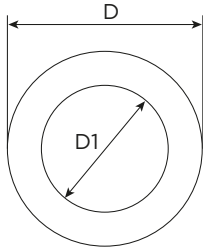
Stock Code	Item Designation	Dimensions (mm)					
	<i>SHIM SCREWS</i>	<i>a</i> (Metric)	<i>Pitch</i>	<i>Drive Size</i>	<i>d</i>	<i>L</i>	<i>a°</i>
SM22003	TSAV M4x10-9403	4	0.7	AA3	7.50	10	30
SM64621	TSAV M4x8x6-9415	4	0.7	AA3	7.50	10	30
SM39575	TSAV M4x10x6-9402	4	0.7	AA2.5	6	10	30
SM58149	TSAV M4x10x7-9413	4	0.7	AA2.5	7	10	30
SM52383	TSAV M6x14x9-9404	6	1.0	AA4	9	16	30
SM52390	TSAV M6x16x10-9405	6	1.0	AA4	10	16	30
SM52406	TSAV M6x16x11-9406	6	1.0	AA4	11	16	30
SM22027	CSAV M3x10-9401	3	0.5	AA2	5.50	10	30



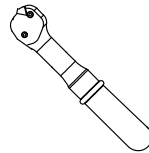
Stock Code	Item Designation	Dimensions (mm)						
	<i>SHIM SCREWS</i>	<i>m</i> (Metric)	<i>a</i>	<i>Pitch</i>	<i>d</i>	<i>L</i>	<i>Drive Size</i>	<i>Fig.</i>
SM22034	SBV M5.05 A3.5x11-9407	4	5	0.5	5.85	11	AA3.5	1
SM52413	SBV1 M6x0.75 A4x13-9409	4	6	0.75	7.50	12	AA4.5	2
SM22041	SBV2 M6x0.75 A4.5x13-9410	4	6	0.75	7.50	13	AA4.5	1
SM52437	SBV3 M6x0.75 A4x10-9412	6	6	0.75	7.50	10	AA4.5	1
SM52420	SBV4 M6x0.75 A4x9-9411	6	6	0.75	7.50	9	AA4.5	2
SM49543	SBV5 M5.05 A3.5x9-9408	6	5	0.5	5.85	9	AA3.5	1



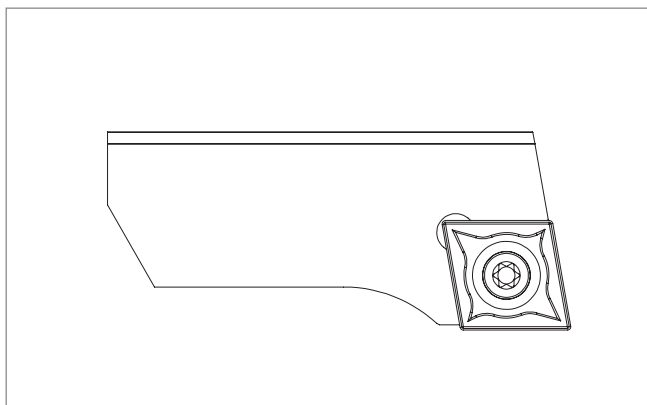
Stock Code	Item Designation	Dimensions (mm)		
	<i>SHIM SPRINGS</i>	<i>D</i>	<i>D1</i>	<i>L</i>
SM21525	SLAY1-9701	6.50	7.45	6.20
SM26740	SLAY2-9702	7.75	9	8.15
SM29927	SLAY3-9703	9.80	11.20	11.25



Stock Code	Item Designation	Dimensions (mm)	
	<i>CLAMP SCREW SPRINGS</i>	<i>D</i>	<i>D1</i>
SM21501	TSP 6.5x12-9705	12	6.50
SM73678	TSS3-9710		



Stock Code	Item Designation
	<i>TORX and ALLEN KEYS</i>
SM21761	STK-T06-9906
SM21716	STK-T08-9908
SM00357	STK-T10-9909
SM27251	STK-T15-9910
SM21778	STK-T20-9911
SM62504	SAK-AA2.5-9912
SM21754	SAK-AA3-9902
SM21723	SAK-AA4-9903
SM21730	SAK-AA5-9904
SM21747	SAK-AA6-9905
SM78819	SAK-AA7-9914
SM76921	SDK-O1-9913



Stock Code	Item Designation
	<i>Cartridge</i>
SM16125	KR2024
SM16132	KR2429
SM16101	KR2939
SM16149	KR3949
SM16156	KR4960
SM16163	KR5979
SM16118	KR6989
SM16170	KR89130