

Internal Turning Tools



B

- ▶ **T System** Internal Turning Tools
- ▶ **P System** Internal Turning Tools
- ▶ **M System** Internal Turning Tools
- ▶ **S System** Internal Turning Tools
- ▶ **C System** Internal Turning Tools

İç çap Tornalama Takım Tutucu kodlamaları / Internal tool Holder Code System(ISO)

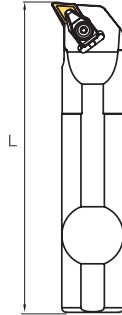
1	2	3	4	5	6	7	8	9
S	25	S	T	D	U	N	R	- 15
Takım tipi Type of tools	Takım çapı Diameter of tool	Takım boyu Length of tool	Elmas Sıkma sistemi Clamping system of insert	Elmas şekli Shape of insert	Takım kesme açısı Cutting angle of tools	Elmas boşaltma açısı Clearance Angle of insert	Takım yönü Hand of tools	Elmas kesme uzunluğu Length of Insert Cutting Edge

1 Takım tipi / Type of tool S 25 STDUNR - 15

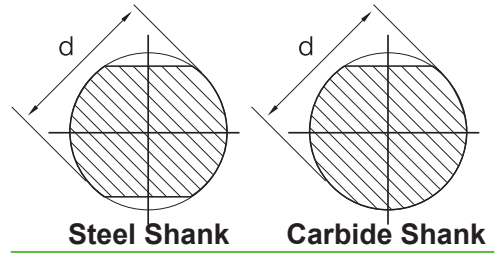
A=Çelik gövdeli içten su vermeli / A=Steel body and with coolant hole
S=Çelik gövdeli / A=Steel body
E=Karbür Gövdeli / E=Carbide Shank

3 Takım boyu / Length of tools S 25 STDUNR - 15

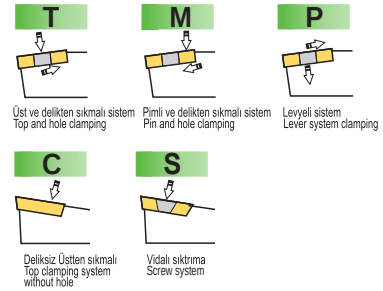
length(L)	(mm)	length(L)	(mm)
H	100	S	250
K	125	T	300
M	150	U	350
N	160	V	400
R	200		



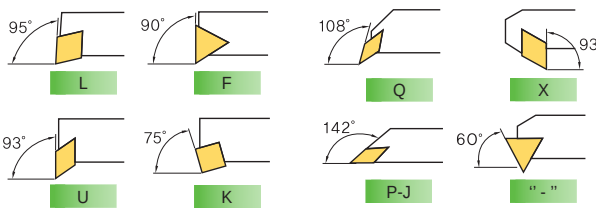
2 Takım çapı / Diameter of tool S 25 STDUNR - 15



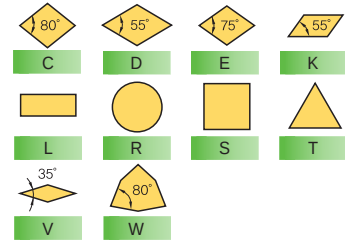
4 Elmas sıkma sistemi / Clamping system of insert S 25 STDUNR - 15



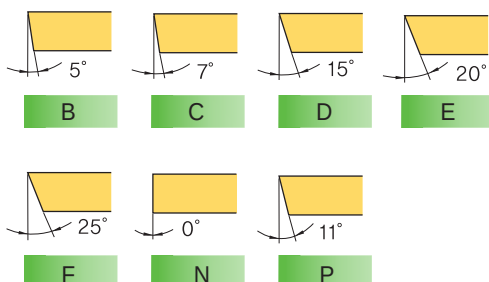
6 Takım kesme açısı / Cutting angle of tool S 25 STDUNR - 15



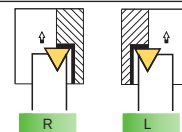
5 Takım kesme açısı / Cutting angle of tool S 25 STDUNR - 15



7 Şaft Genişliği / Height of Shank S 25 STDUNR - 15

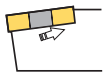
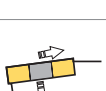
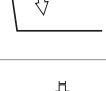
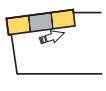
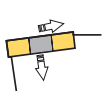
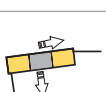
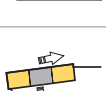
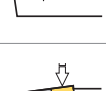


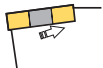
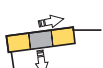
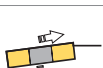
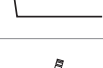
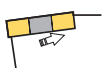
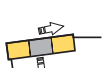
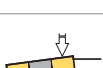
8 Takım yönü / Hand of tool S 25 STDUNR - 15

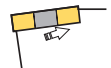
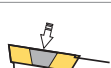
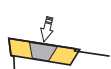
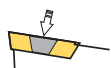
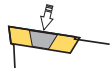


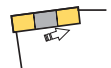
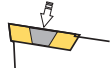
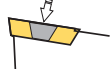
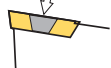
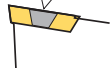
9 Elmas kesme yönü / Length of Insert Cutting Edge S 25 STDUNR - 15

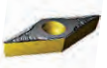
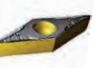
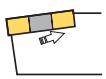
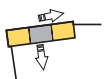
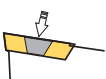
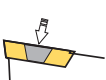
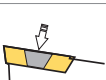


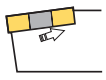
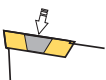
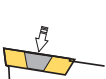
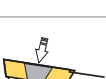
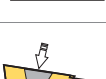
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Size (mm)			Ø25 - Ø32	Ø25 - Ø50	Ø25 - Ø32	Ø25 - Ø50	Ø25	Ø25 - Ø50	Ø32
ISO Code			TDUN R/L	TDUN R/L PDUN R/L MDUN R/L	TDQN R/L	TDQN R/L PDQN R/L	TD-N R/L	TD-N R/L	PDXN R/L
Cutting Angle			93°	93°	107.5°	107.5°	62.5°	62.5°	93°
Clamping Type	T System		✓ Size Range (mm) Ø25 - Ø32	✓ Size Range (mm) Ø25 - Ø50	✓ Size Range (mm) Ø25 - Ø32	✓ Size Range (mm) Ø25 - Ø50	✓ Size Range (mm) Ø25	✓ Size Range (mm) Ø32 - Ø50	-
	Page		B99	B98	B98	B98	B99	B99	-
	Anti Vibration		✓ Size Range (mm) Ø32	✓ Size Range (mm) Ø40					
	Page		B93	B93					
	P System		-	✓ Size Range (mm) Ø32 - Ø50	-	✓ Size Range (mm) Ø25 - Ø50	-	✓ Size Range (mm) Ø32 - Ø50	✓ Size Range (mm) Ø32
	Page			B104		B104		B105	B105
	A System (inner hole)		-	✓ Size Range (mm) Ø32	-	✓ Size Range (mm) Ø25 - Ø32	-	-	-
	Page			B104		B104			
Clamping Type	M System		-	✓ Size Range (mm) Ø25 - Ø32	-	-	-	-	-
	Page			B110					
Insert			WNM. 0604.. ISO	WNM. 0804.. ISO	CNM. 1204.. ISO	CNM. 1606.. ISO	CNM. 1909.. ISO	SNM. 1204.. ISO	
									
Size (mm)			Ø20 - Ø32	Ø25 - Ø50	Ø20 - Ø50	Ø32 - Ø50	Ø40 - Ø50	Ø25 - Ø50	
ISO Code			TWLN R/L MWLN R/L	TWLN R/L PWLN R/L MWLN R/L	TCLN R/L PCLN R/L MCLN R/L	TCLN R/L PCLN R/L	TCLN R/L PCLN R/L	TSKN R/L PSKN R/L	
Cutting Angle			95°	95°	95°	95°	95°	75°	
Clamping Type	T System		✓ Size Range (mm) Ø20 - Ø32	✓ Size Range (mm) Ø25 - Ø50	✓ Size Range (mm) Ø20 - Ø50	✓ Size Range (mm) Ø32 - Ø50	✓ Size Range (mm) Ø40 - Ø50	✓ Size Range (mm) Ø25 - Ø50	
	Page		B99	B99	B100	B100	B100	B101	
	P System		-	✓ Size Range (mm) Ø25 - Ø50	✓ Size Range (mm) Ø25 - Ø40	✓ Size Range (mm) Ø32 - Ø50	✓ Size Range (mm) Ø40 - Ø50	✓ Size Range (mm) Ø25 - Ø40	
	Page			B109	B106	B106	B106	B107	
	Anti Vibration		-	✓ Size Range (mm) Ø32 - Ø40	✓ Size Range (mm) Ø32 - Ø40	-	-	-	
	Page			B92	B92				
	A System (inner hole)		-	✓ Size Range (mm) Ø25 - Ø32	✓ Size Range (mm) Ø25 - Ø32	✓ Size Range (mm) Ø25 - Ø32	-	✓ Size Range (mm) Ø25 - Ø32	
	Page			B109	B106	B106		B106	
Clamping Type	M System		✓ Size Range (mm) Ø16 - Ø25	✓ Size Range (mm) Ø25 - Ø50	✓ Size Range (mm) Ø25 - Ø32	-	-		
	Page		B111	B111	B110				

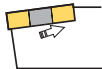
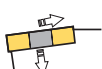
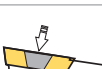
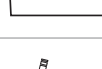
Insert			SNM. 1506.. ISO	VNM. 1604.. ISO	TNM. 1604.. ISO	TNM. 2204.. ISO	TNM. 1604.. ISO	TNM. 2204.. ISO
								
Size (mm)			Ø25 - Ø50	Ø25 - Ø50	Ø20 - Ø40	Ø32 - Ø50	Ø20 - Ø40	Ø32 - Ø50
ISO Code			TSKN R/L PSKN R/L	TVUN R/L	TTUN R/L MTUN R/L	TTUN R/L MTUN R/L PTUN R/L	MTQN R/L	MTQN R/L
Cutting Angle			75°	93°	93°		107.5°	107.5°
Clamping Type	T System		Size Range (mm) Ø25- Ø50	Size Range (mm) Ø25- Ø50	Size Range (mm) Ø25- Ø32	Size Range (mm) Ø32- Ø50	-	-
	Page		B101	B101	B102	B102		
	P System		Size Range (mm) Ø32- Ø50	-	-	Size Range (mm) Ø32- Ø40	-	-
	Page		B107			B108		
	A System (inner hole)		Size Range (mm) Ø32	Size Range (mm) Ø25 - Ø32	-	-	-	-
	Page		B101	B101				
	M System		-	-	Size Range (mm) Ø20- Ø40	Size Range (mm) Ø32- Ø50	Size Range (mm) Ø20- Ø40	Size Range (mm) Ø32- Ø50
	Page				B111	B111	B111	B111
	C System		-	-	-	-	-	-
	Page							
Insert			TNM. 1604.. ISO	TNM. 2204.. ISO	KNUX. 1604.. ISO			
								
Size (mm)			Ø25 - Ø40	Ø32 - Ø50	Ø25 - Ø50			
ISO Code			TT-N R/L MT-N R/L	MT-N R/L	CKUN R/L			
Cutting Angle			60°	60°	93°			
Clamping Type	T System		-	-	-			
	Page							
	P System		-	-	-			
	Page							
	M System		Size Range (mm) Ø25- Ø40	Size Range (mm) Ø32- Ø50	-			
	Page		B112	B112				
	C System		-	-	Size Range (mm) Ø25- Ø50			
	Page				B113			
	S System		-	-	-			
	Page							

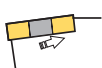
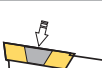
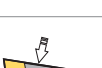
Insert			DCM. 0702.. ISO	DCM. 11T3.. ISO	DCM. 0702.. ISO	DCM. 11T3.. ISO	DCM. 0702.. ISO	DCM. 11T3.. ISO
								
Size (mm)			Ø10 - Ø20	Ø16 - Ø40	Ø10 - Ø20	Ø16 - Ø40	Ø10 - Ø12	Ø16 - Ø40
ISO Code			SDUC R/L	SDUC R/L	SDQC R/L	SDQC R/L	SDPC R/L	SDPC R/L
Cutting Angle			93°	93°	107.5°	107.5°	117.5°	117.5°
Clamping Type	T System		-	-	-	-	-	-
	Page							
	Anti Vibration		-	Size Range (mm) Ø25- Ø40	-	Size Range (mm) Ø25- Ø40	-	-
	Page			B93		B93		
	S System		Size Range (mm) Ø10- Ø20	Size Range (mm) Ø16- Ø40	Size Range (mm) Ø10- Ø20	Size Range (mm) Ø16- Ø40	Size Range (mm) Ø10- Ø12	Size Range (mm) Ø16- Ø40
	Page		B122	B122	B125	B125	B126	B126
	A System (inner hole)		Size Range (mm) Ø10- Ø16	Size Range (mm) Ø16- Ø32	Size Range (mm) Ø10- Ø16	Size Range (mm) Ø16- Ø32	-	-
	Page		B120	120	B123	B123		
	E System (Carbide Shank)		Size Range (mm) Ø10- Ø12	Size Range (mm) Ø16- Ø20	Size Range (mm) Ø10- Ø12	Size Range (mm) Ø16- Ø20	-	-
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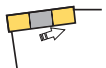
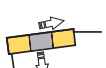
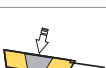
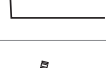
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Size (mm)			Ø12	Ø16 - Ø40	Ø10 - Ø16	Ø16 - Ø40	Ø16 - Ø20	Ø25 - Ø40
ISO Code			SDXC R/L	SDXC R/L	SD-C R/L	SD-C R/L	SVUB R/L	SVUB R/L
Cutting Angle			93°	93°	62.5°	62.5°	93°	93°
Clamping Type	T System		-	-	-	-	-	-
	Page							
	Anti Vibration		-	-	-	-	-	Size Range (mm) Ø25- Ø40
	Page							B93
	S System		Size Range (mm) Ø12	Size Range (mm) Ø16- Ø40	Size Range (mm) Ø10- Ø16	Size Range (mm) Ø16- Ø40	Size Range (mm) Ø16 - Ø20	Size Range (mm) Ø25- Ø40
	Page		B127	B127	B126	B126	B128	B128
	A System (inner hole)		Size Range (mm) Ø12	Size Range (mm) Ø16- Ø40	-	-	-	-
	Page		B127	B127				
	E System (Carbide Shank)		-	-	-	-	-	-
	Page							

Insert			VBM. 1103.. ISO	VBM. 1604.. ISO	VBM. 1604.. ISO	VBM. 1103.. ISO	VBM. 1604.. ISO	VBM. 1604.. ISO	VBM. 1604.. ISO
									
Size (mm)			Ø16 - Ø20	Ø25 - Ø40	Ø25 - Ø40	Ø16 - Ø20	Ø25 - Ø40	Ø25 - Ø32	Ø25 - Ø32
ISO Code			SVQB R/L	SVQB R/L	SVJB R/L	SVXB R/L	SVXB R/L	SVXB R/L	SV-B R/L
Cutting Angle			107.5°	107.5°	93°	52°	52°	52°	72.5°
Clamping Type	T System		-	-	-	-	-	-	-
	Page								
	P System		-	-	-	-	-	-	-
	Page								
	S System		✓ Size Range (mm) Ø16 - Ø20	✓ Size Range (mm) Ø25- Ø40	✓ Size Range (mm) Ø25- Ø40	✓ Size Range (mm) Ø16- Ø20	✓ Size Range (mm) Ø25 - Ø40	✓ Size Range (mm) Ø25- Ø32	✓ Size Range (mm) Ø25- Ø32
	Page		B128	B128	B129	B129	B129	B129	B129
	A System (inner hole)		-	-	-	-	-	-	-
	Page								
E System (Carbide Shank)			-	-	-	-	-	-	-
	Page								

Insert			VCM. 1103.. ISO	VCM. 1604.. ISO	VCM. 1103.. ISO	VCM. 1604.. ISO	CCM. 0602.. ISO	CCM. 09T3.. ISO
								
Size (mm)			Ø16 - Ø20	Ø25 - Ø40	Ø16 - Ø20	Ø25 - Ø40	Ø08 - Ø16	Ø12 - Ø40
ISO Code			SVUC R/L	SVUC R/L	SVQC R/L	SVQC R/L	SCLC R/L	SCLC R/L
Cutting Angle			93°	93°	107.5°	107.5°	95°	95°
Clamping Type	T System		-	-	-	-	-	-
	Page							
	Anti Vibration		-	✓ Size Range (mm) Ø25- Ø40	-	-	-	✓ Size Range (mm) Ø25- Ø40
	Page			B95				B93
	S System		✓ Size Range (mm) Ø16 - Ø20	✓ Size Range (mm) Ø25- Ø40	✓ Size Range (mm) Ø16 - Ø20	✓ Size Range (mm) Ø25- Ø40	✓ Size Range (mm) Ø08 - Ø16	✓ Size Range (mm) Ø12- Ø32
	Page		B130	B130	B130	B131	B133	B133
	A System (inner hole)		-	-	-	-	✓ Size Range (mm) Ø08 - Ø12	✓ Size Range (mm) Ø16- Ø32
	Page						B131	B131
E System (Carbide Shank)			-	-	-	-	✓ Size Range (mm) Ø08 - Ø12	✓ Size Range (mm) Ø12- Ø20
	Page						B132	B132

Insert			CCM. 1204.. ISO	CCM. 0602.. ISO	CCM. 09T3.. ISO	CCM. 1204.. ISO	SCM. 09T3.. ISO	SCM. 1204.. ISO
								
Size (mm)			Ø25 - Ø40	Ø08 - Ø12	Ø12 - Ø25	Ø25 - Ø40	Ø16 - Ø25	Ø25 - Ø40
ISO Code			SCLC R/L	SCFC R/L	SCFC R/L	SCFC R/L	SSSCR/L	SSSCR/L
Cutting Angle			95°	90°	90°	90°	45°	45°
Clamping Type	T System		-	-	-	-	-	-
	Page							
	P System		-	-	-	-	-	-
	Page							
	Anti Vibration		-	-	-	-	-	-
	Page							
	A System (inner hole)		-	Size Range (mm) Ø08- Ø12	Size Range (mm) Ø16	-	-	-
	Page			B134	B134			
	S System		Size Range (mm) Ø25 - Ø40	Size Range (mm) Ø08 - Ø12	Size Range (mm) Ø12- Ø25	Size Range (mm) Ø25 - Ø40	Size Range (mm) Ø16 - Ø25	Size Range (mm) Ø25- Ø40
	Page		B133	B134	B134	B134	B135	B135

Insert			TCM. 0902.. ISO	TCM. 1102.. ISO	TCM. 16T3.. ISO	TCM. 06T1.. ISO	TCM. 0902.. ISO	TCM. 1102.. ISO
								
Size (mm)			Ø10 - Ø12	Ø10 - Ø20	Ø16 - Ø40	Ø08	Ø10 - Ø12	Ø10 - Ø20
ISO Code			STUC R/L	STUC R/L	STUC R/L	STFC R/L	STFC R/L	STFC R/L
Cutting Angle			93°	93°	93°	90°	90°	90°
Clamping Type	T System		-	-	-	-	-	-
	Page							
	Anti Vibration		-	-	-	-	-	-
	Page							
	S System		Size Range (mm) Ø10 - Ø12	Size Range (mm) Ø10 - Ø20	Size Range (mm) Ø16- Ø40	Size Range (mm) Ø08	Size Range (mm) Ø10 - Ø12	Size Range (mm) Ø10 - Ø20
	Page		B137	B137	B137	B137	B137	B137
	A System (inner hole)		-	-	-	-	-	-
	Page							
	E System (Carbide Shank)		Size Range (mm) Ø10 - Ø12	Size Range (mm) Ø12 - Ø16	-	-	-	-
	Page		B136	B136				

Insert			TCM. 16T3.. ISO	TCM. 0902.. ISO	TCM. 1102.. ISO	TCM. 16T3.. ISO	RC.M. 0803.. ISO	WCM. 0303.. ISO
								
Size (mm)			Ø16 - Ø40	Ø12	Ø12 - Ø20	Ø16 - Ø40	Ø16 - Ø32	Ø08 - Ø10
ISO Code			STFC R/L	ST-C R/L	ST-C R/L	ST-C R/L	SRGC R/L	SWLC R/L
Cutting Angle			90°	60°	60°	60°	-	95°
Clamping Type	T System		-	-	-	-	-	-
	Page							
	P System		-	-	-	-	-	-
	Page							
	Anti Vibration		Size Range (mm) ✓ Ø25- Ø40	-	-	-	-	-
	Page		B96					
	A System (inner hole)		-	-	-	-	Size Range (mm) ✓ Ø16 - Ø25	-
	Page						B139	
	S System		Size Range (mm) ✓ Ø16- Ø40	Size Range (mm) ✓ Ø12	Size Range (mm) ✓ Ø12- Ø20	Size Range (mm) ✓ Ø16 - Ø40	Size Range (mm) ✓ Ø16 - Ø32	Size Range (mm) ✓ Ø08 - Ø10
	Page		B137	B138	B138	B138	B139	B139

A System JetBar



For smooth chip evacuation
special overflowed
chip evacuation
channels.

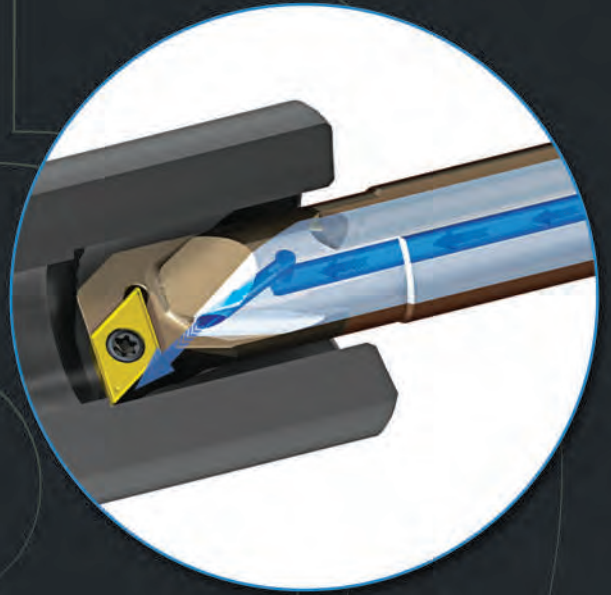


For chip breaking
improved chip
breaker form.



Insert life
effective direct
liquid cooling hole.

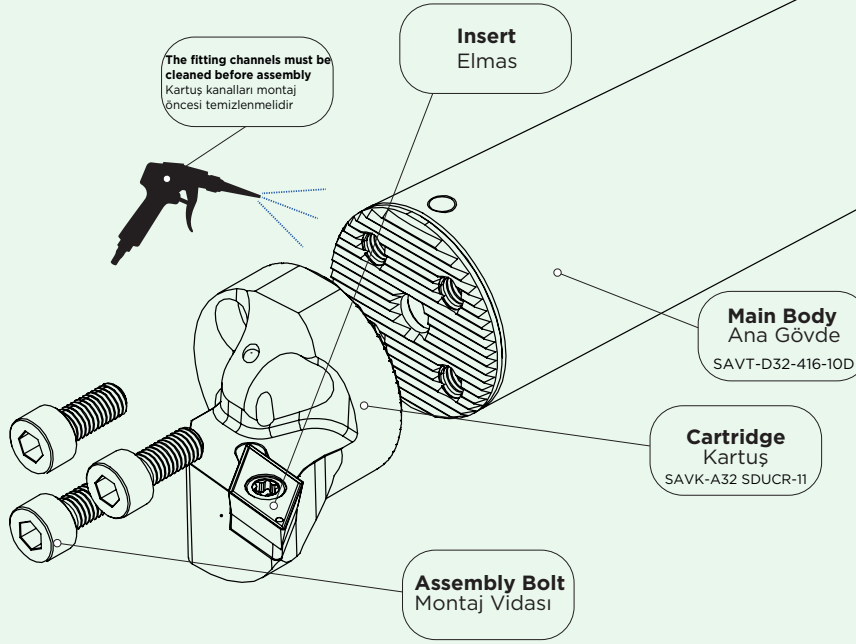
- Perfect insert bearing.
- **Aerodynamic structure.**
- Special steel developed against deflection and vibration.
- **Special surface hardness** developed for long tool life.





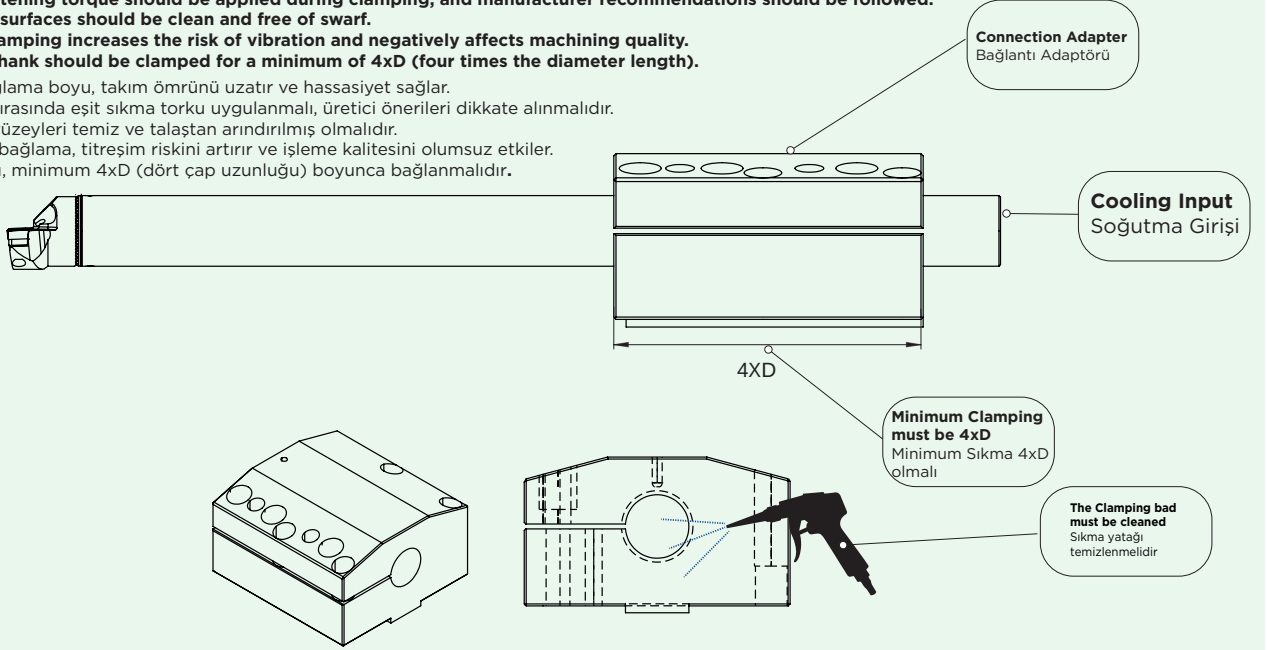
User Manuel / Kullanım Klavuzu

Main Details / Detaylar



Holder Block Installation / Tutucu Blok Kurulumu

- Sufficient clamping length extends tool life and ensures precision.
- Equal tightening torque should be applied during clamping, and manufacturer recommendations should be followed.
- Clamping surfaces should be clean and free of swarf.
- Shorter clamping increases the risk of vibration and negatively affects machining quality.
- The tool shank should be clamped for a minimum of 4xD (four times the diameter length).
- Yeterli bağlama boyu, takım ömrünü uzatır ve hassasiyet sağlar.
- Bağlama sırasında eşit sıkma torku uygulanmalı, üretici önerileri dikkate alınmalıdır.
- Bağlama yüzeyleri temiz ve talaştan arındırılmış olmalıdır.
- Daha kısa bağlama, titreşim riskini artırır ve işleme kalitesini olumsuz etkiler.
- Takım shaftı, minimum 4xD (dört çap uzunluğu) boyunca bağlanmalıdır.



High Performance Easy Sleeve / Yüksek Performanslı Kovan

- Easy Sleeve (Recommended Sleeve Option)
- Easy Sleeve stands out for its ease and practicality of installation.
- Designed specifically for anti-vibration assemblies to avoid block replacement, these sleeves save time thanks to their quick installation features.

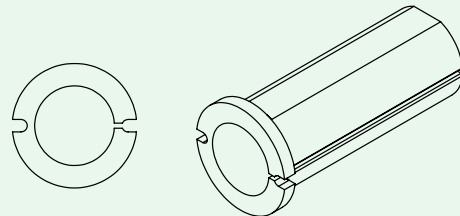
Advantages:

- Easy and quick installation
- Practical use and low maintenance requirements

- Easy Kovan (Önerilen Kovan Seçeneği)
- Easy Kovan, montaj kolaylığı ve pratikliği ile öne çıkmaktadır.
- Özellikle anti-vibrasyon takımlarında blok değiştirmek amacıyla tasarlanmış bu kovanlar hızlı kurulum özellikleri sayesinde zamandan tasarruf sağlar.

Avantajlar:

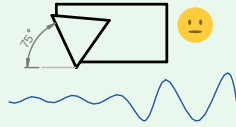
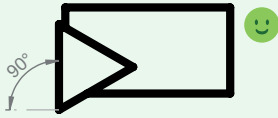
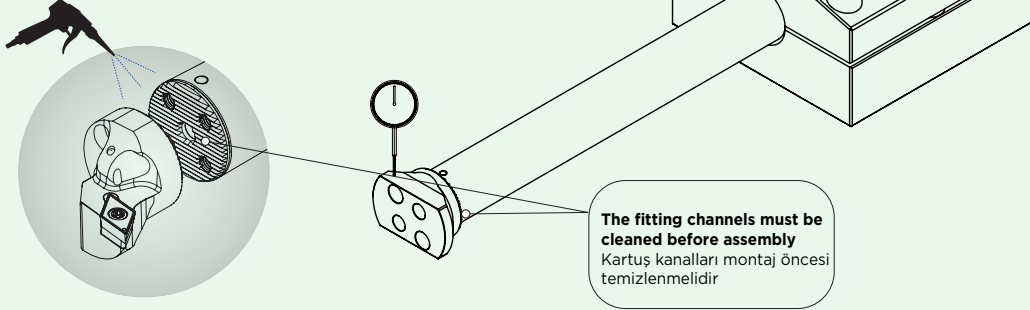
- Kolay ve hızlı montaj
- Pratik kullanım ve düşük bakım gereksinimi



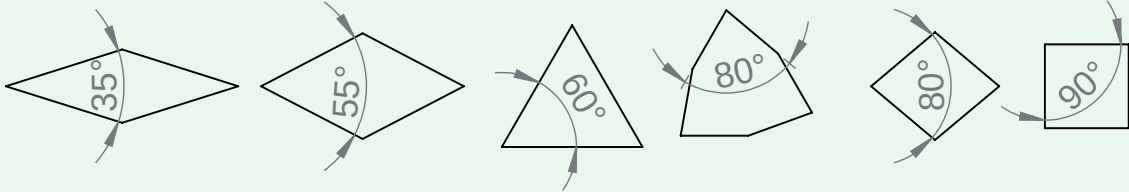
Center Adjustment Adapter

During body assembly, the centring adapter is mounted to the anti-vibration kit.
During the assembly process, the connection threads must be cleaned.
The comparator gauge must be accurate to within a tolerance of 0.01 mm.

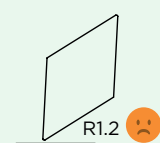
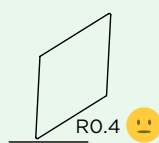
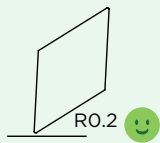
Gövde montajı sırasında merkezleme adaptörü anti vibrasyon takımına montaj edilir.
Montaj işlemi sırasında bağlantı dişleri temizlenmelidir.
Komparatör Saati 0.01 mm tolerans içerisinde hassasiyet sağlanmalıdır.



Choose an entry angle that is as close as possible to 90° to reduce the radial forces to a minimum.
Radyal kuvvetleri en aza indirmek için 90°'ye mümkün olduğunca yakın bir giriş açısı seçin.

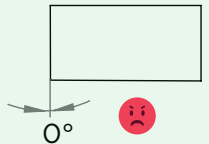
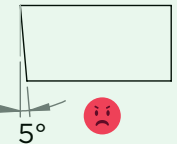
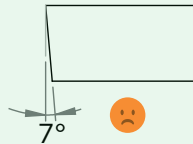
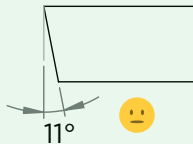
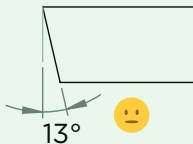
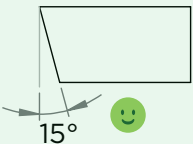


Choose the smallest insert head angle possible. This will reduce overall cutting force and increase the clearance.
Mümkün olan en küçük kesici uç açısını seçin. Bu, genel kesme kuvvetini azaltacak ve boşluğu artıracaktır.



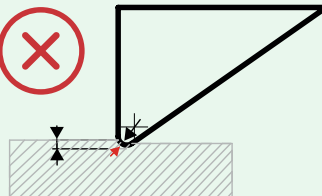
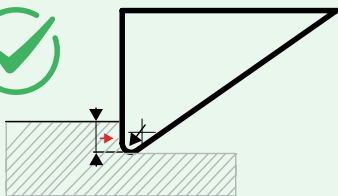
Choose a small nose radius to reduce the cutting forces and to enable machining in a lower depth of cut.
(Depth of cut should be larger than the nose radius)

Kesme kuvvetlerini azaltmak ve daha düşük kesme derinliğinde işlemeyi mümkün kılmak için ince yarıçaplı elmas seçin.
(Kesme derinliği burun yarıçapından daha büyük olmalıdır)



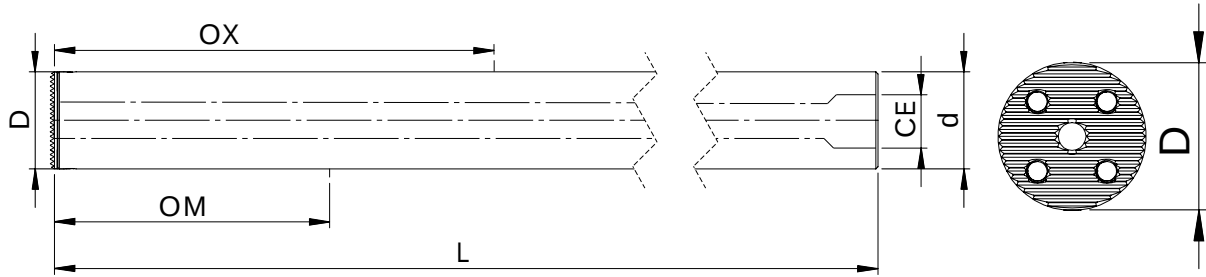
Use an insert with an overall positive geometry to reduce the cutting forces

Kesme kuvvetlerini azaltmak için genel olarak pozitif geometriye sahip bir elmas kullanın



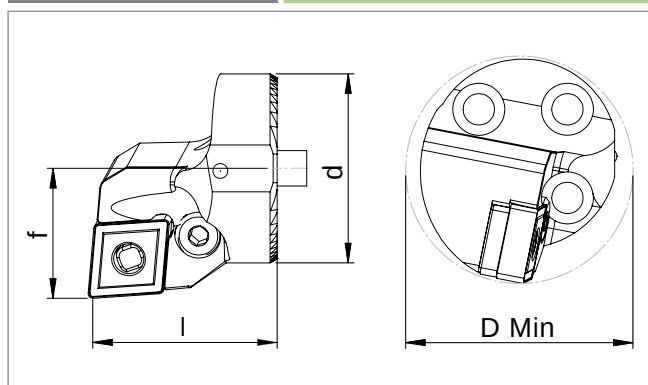
Machining depth (ap) should be larger than the nose radius

İşleme derinliği (ap) radüsten daha büyük olmalıdır böylelikle titreşim sönmülenecektir



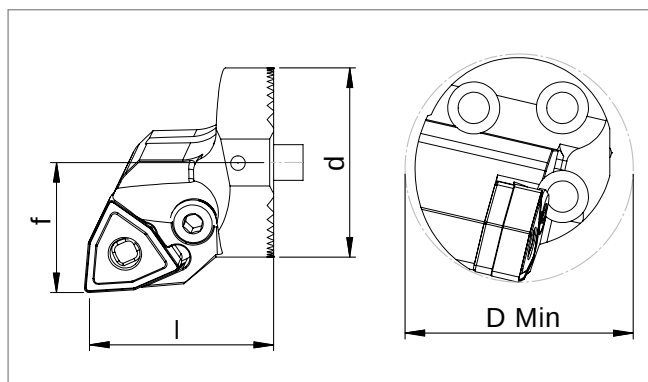
Ordering Code	Item Designation	Dimensions (mm)						
	SAVT	D	d	L	OM	OX	CE	D _{Min}
SM78215	SAVT D25 256 7D-H	25	25	256	88	155	G4/1	32
SM78222	SAVT D25 331 10D-H	25	25	331	155	230	G4/1	32
SM78239	SAVT D32 321 7D-H	32	32	321	110	192	G8/3	40
SM78246	SAVT D32 417 10D-H	32	32	417	192	288	G8/3	40
SM78253	SAVT D40 409 7D-H	40	40	409	128	248	G2/1	50
SM78260	SAVT D40 530 10D-H	40	40	530	248	368	G2/1	50

Size Designation	Spare Parts	
	Screw	Allen Key
SAVT D25 256 7D-H	BKTV M4x15-9210	SAK-AA3-9902
SAVT D25 331 10D-H		
SAVT D32 321 7D-H	BKTV M5x17-9211	SAK-AA4-9903
SAVT D32 417 10D-H		
SAVT D40 409 7D-H	BKTV M6x21-9214	SAK-AA5-9904
SAVT D40 530 10D-H		



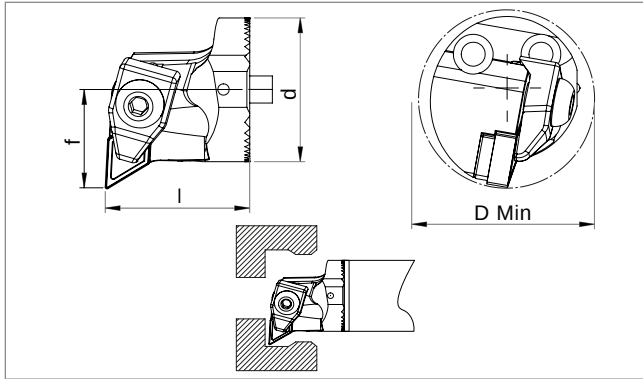
Ordering Code		Item Designation	Dimensions (mm)						Master Insert*
Direction		SAVK A-PCLNR/L (93)		d	l	f	D _{min}	Holder	
Right	Left								
SM78277	SM78291	SAVK A32 PCLNR/L-12	✓	32	32	22	≥40	SAVT D32	CNM.1204..
SM78284	SM78307	SAVK A40 PCLNR/L-12	✓	40	32	27	≥50	SAVT D40 / 50 / 60	

Size Designation	Master Insert*	Spare Parts				
		Lever	Lever Screw	Allen Key	Shim Spring	Shim
SAVK A32	CNM.1204..	SPL1-9120	SLV6 M8x18-9249	SAK-AA3-9902	SLAY1-9701	BAX CN12-9603
SAVK A40						



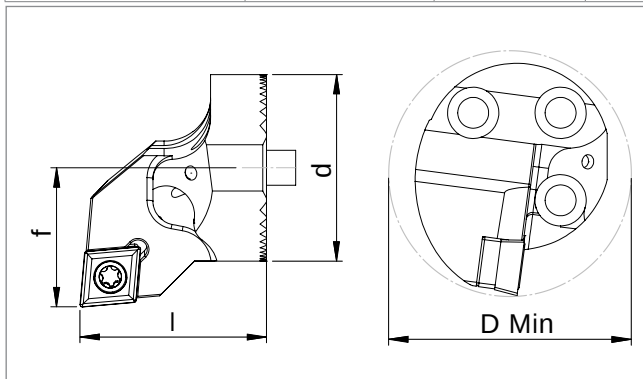
Ordering Code		Item Designation	Dimensions (mm)						Master Insert*
Direction		SAVK A-PWLNR/L (95)		d	l	f	D _{min}	Holder	
Right	Left								
SM78314	SM78338	SAVK A32 PWLNR/L-08		32	32	22	≥40	SAVT D32	WNM.0804..
SM78321	SM78345	SAVK A40 PWLNR/L-08		40	32	27	≥50	SAVT D40 / 50 / 60	

Size Designation	Master Insert*	Spare Parts				
		Lever	Lever Screw	Allen Key	Shim Spring	Shim
SAVK A32	WNM.0804..	SPL1-9120	SLV6 M8x18-9249	SAK-AA3-9902	SLAY1-9701	BAX WN08-9607
SAVK A40						



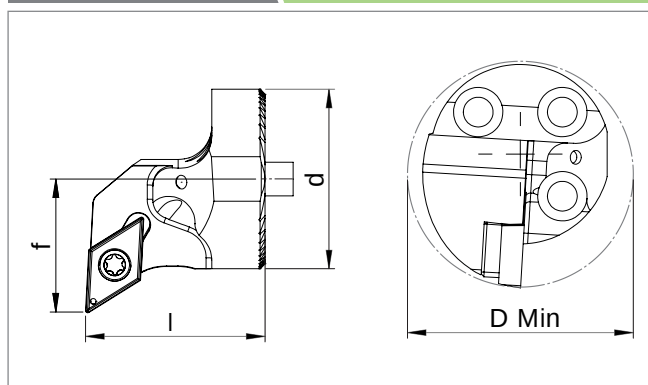
Ordering Code		Item Designation	Dimensions (mm)							Master Insert*
Direction		SAVK A-TDUNR/L (93)		d	l	f	D _{min}	Holder		
Right	Left									
SM78352	SM78376	SAVK A32 TDUNR/L-11	✓	32	32	22	≥40	SAVT D32	DNM.1104..	
SM78369	SM78383	SAVK A40 TDUNR/L-15	✓	40	32	27	≥50	SAVT D40 / 50 / 60	DNM.1506..	

Size Designation	Master Insert*	Spare Parts					
		Clamp	Screw	Shim	Shim Screw	Stamp	Allen Key
SAVK A32	DNM.1104..	TSK2-9102	TSBV M5x18-9201	BAX DN11-9601	TSAV M4x10x6-9402	-	SAK-AA3-9902
SAVK A40	DNM.1506..	TSK1-9101	TSBV M6x28-9205	BAX DN15-9602	TSAV M4x10-9403	TSP 6.5x12-9705	

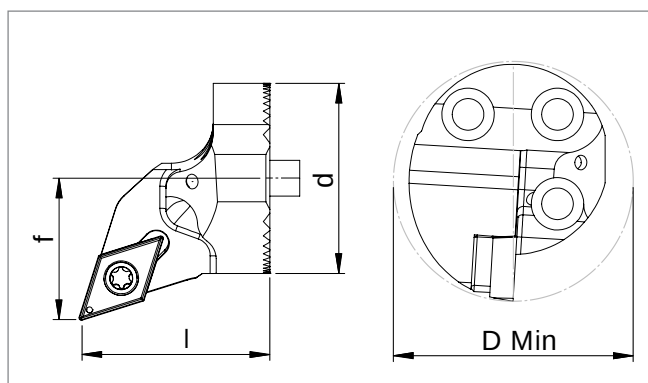


Ordering Code		Item Designation	Dimensions (mm)							Master Insert*
Direction		SAVK A-SCLCR/L (95)		d	l	f	D _{min}	Holder		
Right	Left									
SM78390	SM78420	SAVK A25 SCLCR/L-09	✓	25	25	17	≥32	SAVT D25	CCM. 09T3..	
SM78406	SM78437	SAVK A32 SCLCR/L-09	✓	32	32	22	≥40	SAVT D32		
SM78413	SM78444	SAVK A40 SCLCR/L-09	✓	40	32	27	≥50	SAVT D40/D50/D60		

Descriptions	Master Insert*	Spare Parts			
		Screw	Shim	Shim Screw	Torx Key
SAVK A25	CCM. 09T3..	SSV M3.5x10-9511	BAX CC09-9616	SBV5 M5x0.5 A3.5x9-9408	STK-T15-9910
SAVK A32		SSV M3.5x12-9526			
SAVK A40					

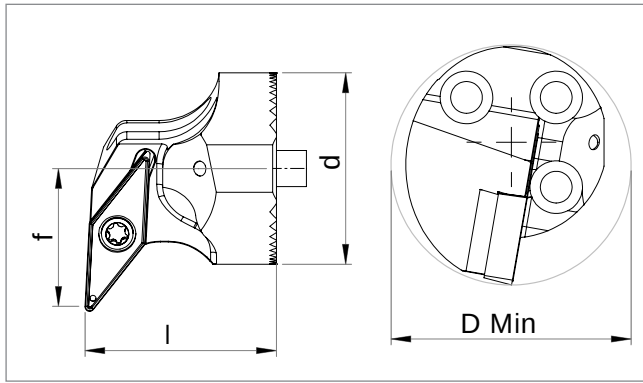


Ordering Code		Item Designation	Dimensions (mm)						Master Insert*
Direction		SAVK A-SDUCR/L (93)		d	l	f	D _{min}	Holder	
Right	Left								
SM78451	SM78482	SAVK A25 SDUCR/L-11		25	25	17	≥32	SAVT D25	DCM. 11T3..
SM78468	SM78499	SAVK A32 SDUCR/L-11		32	32	22	≥40	SAVT D32	
SM78475	SM78505	SAVK A40 SDUCR/L-11		40	32	27	≥50	SAVT D40 / 50 / 60	



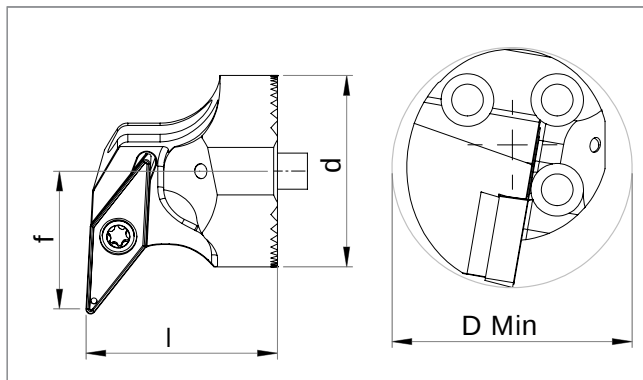
Ordering Code		Item Designation	Dimensions (mm)						Master Insert*
Direction		SAVK A-SDQCR/L (107.5)		d	l	f	D _{min}	Holder	
Right	Left								
SM78512	SM78543	SAVK A25 SDQCR/L-11	✓	25	25	17	≥32	SAVT D25	DCM. 11T3..
SM78529	SM78550	SAVK A32 SDQCR/L-11	✓	32	32	22	≥40	SAVT D32	
SM78536	SM78567	SAVK A40 SDQCR/L-11	✓	40	32	27	≥50	SAVT D40 / 50 / 60	

Descriptions	Master Insert*	Spare Parts			
		Screw	Shim	Shim Screw	Torx Key
					
SAVK A25	DCM. 11T3..	SSV M3.5x10-9511	BAX DC11-9613	SBV5 M5x0.5 A3.5x9-9408	STK-T15-9910
SAVK A32		SSV M3.5x12-9526			
SAVK A40		SSV M3.5x14-9512		SBV M5x0.5 A3.5x11-9407	



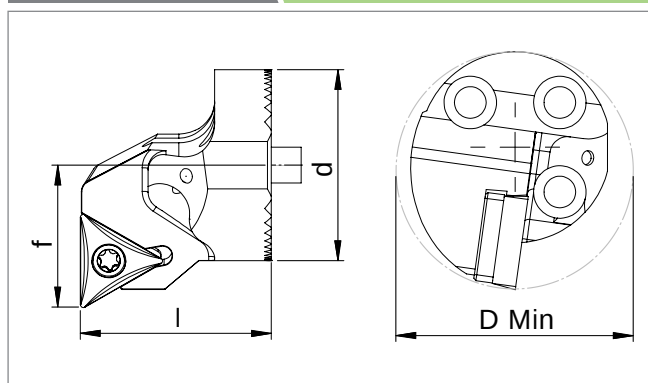
Ordering Code		Item Designation	Dimensions (mm)						Master Insert*
Direction		SAVK A-SVUBR/L (93)		d	l	f	D _{min}	Holder	
Right	Left								
SM78574	SM78604	SAVK A25 SVUBR/L-16	✓	25	25	17	≥32	SAVT D25	VBM. 1604..
SM78581	SM78611	SAVK A32 SVUBR/L-16	✓	32	32	23.5	≥42	SAVT D32	
SM78598	SM78628	SAVK A40 SVUBR/L-16	✓	40	32	27	≥50	SAVT D40 / 50 / 60	

Descriptions	Master Insert*	Spare Parts			
SAVK A25	VBM. 1604..	SSV M3.5x10-9511	BAX VB16-9618	SBV5 M5x0.5 A3.5x9-9408	STK-T15-9910
SAVK A32		SSV M3.5x14-9512		SBV M5x0.5 A3.5x11-9407	
SAVK A40					



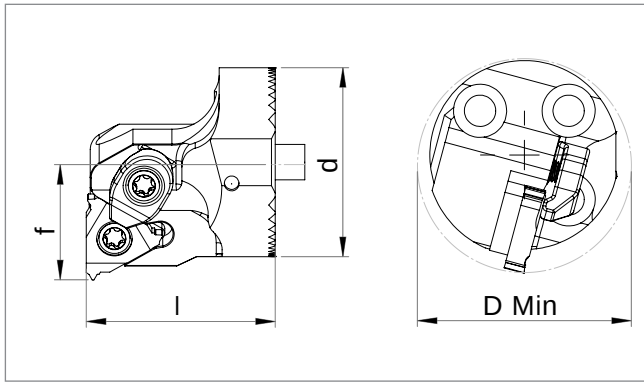
Ordering Code		Item Designation	Dimensions (mm)						Master Insert*
Direction		SAVK A-SVUCR/L (93)		d	l	f	D _{min}	Holder	
Right	Left								
SM78635	SM78666	SAVK A25 SVUCR/L-16	✓	25	25	17	≥32	SAVT D25	VCM. 1604..
SM78642	SM78673	SAVK A32 SVUCR/L-16	✓	32	32	23.5	≥42	SAVT D32	
SM78659	SM78680	SAVK A40 SVUCR/L-16	✓	40	32	27	≥50	SAVT D40 / 50 / 60	

Descriptions	Master Insert*	Spare Parts			
SAVK A25	VCM. 1604..	SSV M3.5x10-9511	BAX VC16-9620	SBV5 M5x0.5 A3.5x9-9408	STK-T15-9910
SAVK A32		SSV M3.5x14-9512		SBV M5x0.5 A3.5x11-9407	
SAVK A40					



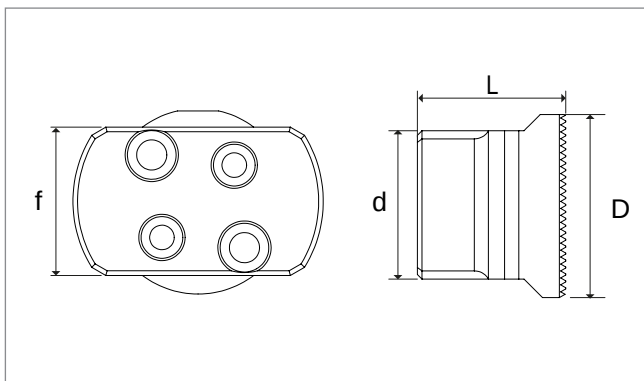
Ordering Code		Item Designation	Dimensions (mm)						Master Insert*
Direction		SAVK A-STFCR/L (90)		d	l	f	D _{min}	Holder	
Right	Left								
SM78697	SM78727	SAVK A25 STFCR/L-16	✓	25	25	17	≥32	SAVT D25	TCM.16T3..
SM78703	SM78734	SAVK A32 STFCR/L-16	✓	32	32	22	≥40	SAVT D32	
SM78710	SM78741	SAVK A40 STFCR/L-16	✓	40	32	27	≥50	SAVT D40 / 50 / 60	

Descriptions	Master Insert*	Spare Parts			
		Screw 	Shim 	Shim Screw 	Torx Key
SAVK A25	TCM.16T3..	SSV M3.5x12-9526	BAX TC16-9619	SBV5 M5x0.5 A3.5x9-9408	STK-T15-9910
SAVK A32		SSV M3.5x14-9512		SBV M5x0.5 A3.5x11-9407	
SAVK A40					

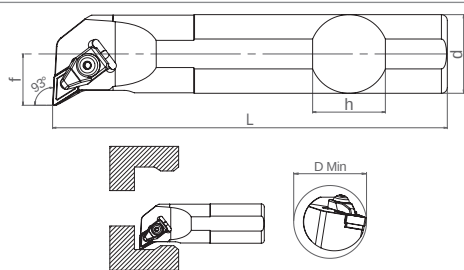


Ordering Code		Item Designation	Dimensions (mm)						Master Insert*
Direction		SAVK A-SIR/L		d	l	f	D _{min}	Holder	
Right	Left								
SM78758	SM78789	SAVK A25 SIR/L-16	✓	25	25	17	≥32	SAVT D25	16 IR/IL-ISO (0.35-3)
SM78765	SM78796	SAVK A32 SIR/L-16	✓	32	32	22	≥40	SAVT D32	
SM78772	SM78802	SAVK A40 SIR/L-16	✓	40	32	27	≥50	SAVT D40 / 50 / 60	

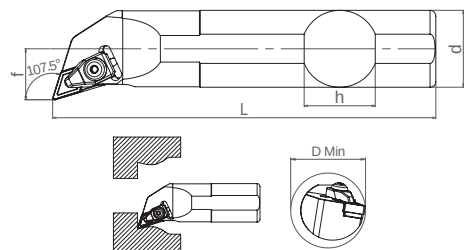
Descriptions	Master Insert*	Spare Parts						
		Screw	Shim	Shim Screw	Torx Key	Clamp	Clamp Screw	Torx Key
SAVK A25	16 IR/IL-ISO (0.35-3)	SSV M3.5x10 9511		SBV5 M5.05- A3.5x9-9408	STK-T15 9910	PSK2 9126	SSV M3.5x11 9532	STK-T15 9910
SAVK A32		SSV M3.5x12 9526						
SAVK A40		SSV M3.5x14 9512		SBV5 M5.05- A3.5x11-9407				



Ordering Code	Item Designation	Dimensions (mm)			
	SAVK-SA	D	d	L	H
SM80546	SAVK SA25	32	25	25	20
SM80553	SAVK SA32-40	51	40	32	32

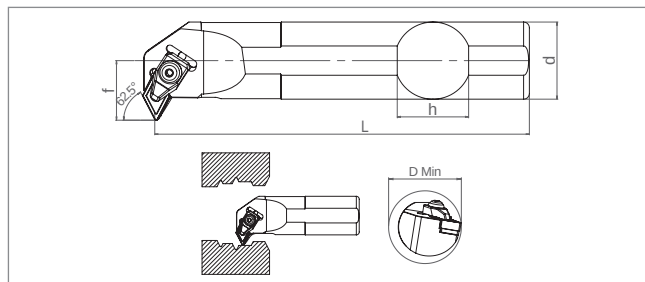


Ordering Code		Item Designation	Dimensions (mm)						Master Insert*
Direction		TDUNR/L (93)		d	h	L	f	D _{min}	
Right	Left								
SM04887	SM04924	S25S TDUNR/L-11	-	25	23	250	18	≥33	DNM.1104..
SM04917	SM04955	S32T TDUNR/L-11	-	32	30	300	22	≥40	
SM72824	SM72831	A25R TDUNR/L-15	✓	25	23	200	18	≥36	DNM.1506..
SM72848	SM72855	A32S TDUNR/L-15	✓	32	30	250	22	≥40	
SM05044	SM04986	S25S TDUNR/L-15	-	25	23	250	18	≥36	
SM05075	SM04993	S32T TDUNR/L-15	-	32	30	300	22	≥40	
SM05099	SM05013	S40U TDUNR/L-15	-	40	37	350	29.5	≥50	
SM05112	SM05174	S50V TDUNR/L-15	-	50	47	400	34	≥63	



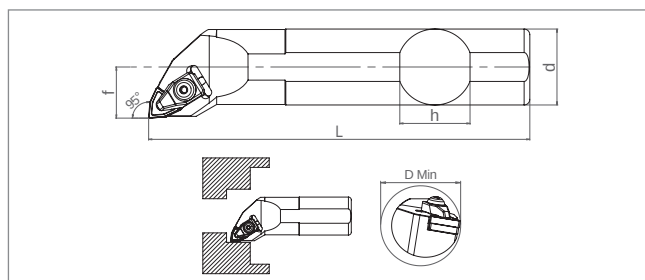
Ordering Code		Item Designation	Dimensions (mm)						Master Insert*
Direction		TDQNR/L (107.5)		d	h	L	f	D _{min}	
Right	Left								
SM04894	SM04931	S25S TDQNR/L-11	-	25	23	250	18	≥36	DNM.1104..
SM04962	SM04979	S32T TDQNR/L-11	-	32	30	300	22	≥40	
SM72862	SM72879	A25R TDQNR/L-15	✓	25	23	200	18	≥36	DNM.1506..
SM72886	SM72893	A32S TDQNR/L-15	✓	32	30	250	22	≥40	
SM05051	SM05136	S25S TDQNR/L-15	-	25	23	250	18	≥36	
SM05082	SM05006	S32T TDQNR/L-15	-	32	30	300	22	≥40	
SM05105	SM05150	S40U TDQNR/L-15	-	40	37	350	29.5	≥50	
SM05020	SM05181	S50V TDQNR/L-15	-	50	47	400	34	≥63	

Size Designation	Master Insert*	Spare Parts					
		Clamp 	Screw 	Shim 	Shim Screw 	Stamp 	Allen Key
S25..	DNM.1104..	TSK2-9102	TSBV M5x18-9201	BAX DN11-9601	TSAV M4x10x6-9402	-	SAK- AA3-9902
S32..			TSBV M5x24-9202				
S25.. - S50..	DNM.1506..	TSK1-9101	TSBV M6x28-9205	BAX DN15-9602	TSAV M4x10-9403	TSP 6.5x12-9705	



Ordering Code		Item Designation	Dimensions (mm)					Master Insert*
Direction		TD-NR/L (62.5)	d	h	L	f	D min	
Right	Left							
SM04900	SM04948	S25S TD-NR/L-11	25	23	250	18	≥36	DNM.1104..
SM05068	SM05143	S32T TD-NR/L-15	32	30	300	22	≥42	DNM.1506..
SM05129	SM05167	S40U TD-NR/L-15	40	37	350	29.5	≥50	
SM05037	SM05198	S50V TD-NR/L-15	50	47	400	34	≥63	

Size Designation	Master Insert*	Spare Parts					
		Clamp	Screw	Shim	Shim Screw	Stamp	Allen Key
S25..	DNM.1104..						
S32.. - S32							
S25.. - S50..	DNM.1506..	TSK1-9101	TSBV M6x28-9205	BAX DN15-9602	TSBV M4x10-9403	TSP 6.5x12-9705	SAK- AA3-9902

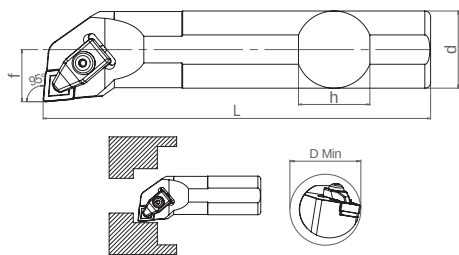


Ordering Code		Item Designation	Dimensions (mm)						Master Insert*
Direction		TWLNR/L (95)		d	h	L	f	D _{min}	
Right	Left								
SM50471	SM50488	S20R TWLNR/L-06	-	20	18	200	15	≥26	WNM.0604..
SM05488	SM05495	S25S TWLNR/L-06	-	25	23	250	18	≥36	
SM05518	SM05501	S32T TWLNR/L-06	-	32	30	300	22	≥40	
 SM72909	SM72916	A25R TWLNR/L-08		25	23	200	18	≥36	WNM.0804..
 SM73869	SM73876	A32S TWLNR/L-08		32	30	250	22	≥40	
SM05532	SM05570	S25S TWLNR/L-08	-	25	23	250	18	≥36	
SM05549	SM05525	S32T TWLNR/L-08	-	32	30	300	22	≥40	
SM05556	SM05587	S40U TWLNR/L-08	-	40	37	350	29.5	≥50	
SM05563	SM05594	S50V TWLNR/L-08	-	50	47	400	34	≥63	

Size Designation	Master Insert*	Spare Parts					
		Clamp	Screw	Shim	Shim Screw	Stamp	Allen Key
S20..	WNM.0604..						
S25.. - S32..							
S25.. - S50..	WNM.0804..	TSK1-9101	TSBV M6x28-9205	BAX WN08-9607	TSBV M4x10-9403	TSP 6.5x12-9705	SAK- AA3-9902

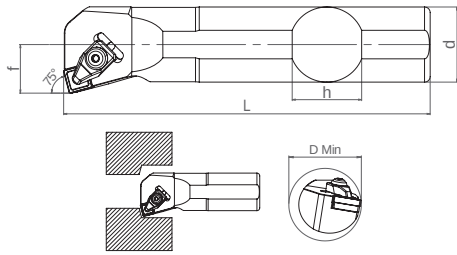
*Suitable Insert is ISO

**Spare Parts Ordering Codes



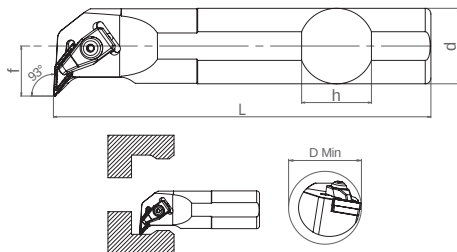
Ordering Code		Item Designation	Dimensions (mm)						Master Insert*
Direction		TCLNR/L (95)		d	h	L	f	D min	
Right	Left								
SM38721	SM38714	S20R TCLNR/L-12	-	20	18	200	15	≥26	CNM.1204..
SM72923	SM72930	A25R TCLNR/L-12	✓	25	23	200	18	≥36	
SM72947	SM72954	A32S TCLNR/L-12	✓	32	30	250	22	≥40	
SM04764	SM04740	S25S TCLNR/L-12	-	25	23	250	18	≥36	
SM04832	SM04757	S32T TCLNR/L-12	-	32	30	300	22	≥40	
SM04788	SM04795	S40U TCLNR/L-12	-	40	37	350	29.5	≥50	
SM04771	SM04801	S50V TCLNR/L-12	-	50	47	400	34	≥63	CNM.1606..
SM04818	SM04825	S32T TCLNR/L-16	-	32	30	300	22	≥42	
SM04849	SM04863	S40U TCLNR/L-16	-	40	37	350	29.5	≥50	
SM04856	SM04870	S50V TCLNR/L-16	-	50	47	400	34	≥63	CNM..1909..
SM49314	SM49321	S40U TCLNR/L-19	-	40	37	350	29.5	≥50	
SM38875	SM38868	S50V TCLNR/L-19	-	50	47	400	34	≥63	

Size Designation	Master Insert*	Spare Parts					
		Clamp 	Screw 	Shim 	Shim Screw 	Stamp 	Allen Key
S20..	CNM.1204..	TSK6-9106	TSBV M5x18-9201	-	-	-	SAK- AA3-9902
S25.. - S50..		TSK1-9101	TSBV M6x28-9205	BAX CN12-9603	TSAV M4x10-9403	TSP 6.5x12-9705	
S32.. - S50..	CNM.1606..	TSK3-9103	TSBV M6x28x7-9206	BAX CN16-9604	TSAV M6x14x9-9404	-	SAK- AA4-9903
S40.. - S50	CNM.1906..	TSK4-9104	TSBV M8x30-9207	BAX CN19-9605	TSAV M6x16x11-9406		



Ordering Code		Item Designation	Dimensions (mm)					Master Insert*
Direction		TSKNR/L (75)	d	h	L	f	D _{min}	
Right	Left							
SM05204	SM05235	S25S TSKNR/L-12	25	23	250	18	≥34	SNM.1204..
SM05211	SM05242	S32T TSKNR/L-12	32	30	300	22	≥40	
SM05228	SM05259	S40U TSKNR/L-12	40	37	350	29.5	≥50	
SM05266	SM05273	S50V TSKNR/L-12	50	47	400	34	≥63	
SM37601	SM37618	S32T TSKNR/L-15	32	30	300	22	≥44	SNM.1506
SM37625	SM37632	S40U TSKNR/L-15	40	37	350	29.5	≥50	
SM37649	SM37656	S50V TSKNR/L-15	50	47	400	34	≥63	

Size Designation	Master Insert*	Spare Parts					
	S25.. - S50..	SNM.1204..	TSK1-9101	TSBV M6x28-9205	BAX SN12-9608	TSAV M4x10-9403	
S32..	SNM.1506..	TSK3-9103	TSBV M6x28x7-9206	BAX SN15-9609	TSAV M6x10x9-9416	-	
S40.. - S50..					TSAV M6x14x9-9404		

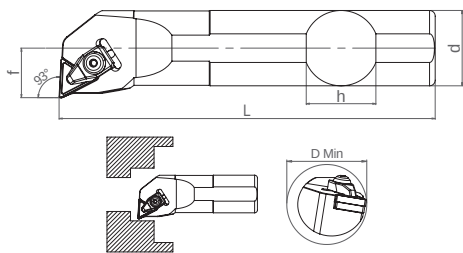


Ordering Code		Item Designation	Dimensions (mm)						Master Insert*
Direction		TVUNR/L (93)		d	h	L	f	D min	
Right	Left								
 SM72961	SM72978	A25R TVUNR/L-16		25	23	200	19	≥34	VNM.1604..
 SM72985	SM72992	A32S TVUNR/L-16		32	30	250	22	≥43	
SM05426	SM05433	S25S TVUNR/L-16	-	25	23	250	19	≥34	
SM05440	SM05457	S32T TVUNR/L-16	-	32	30	300	22	≥43	
SM05464	SM05471	S40U TVUNR/L-16	-	40	37	350	29.5	≥50	
SM49338	SM49345	S50V TVUNR/L-16	-	50	47	400	34	>63	

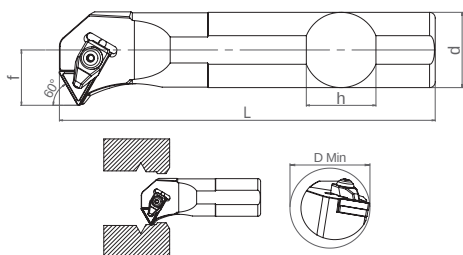
Size Designation	Master Insert*	Spare Parts					
							SAK-AA3-9902
S25..	VNM.1604..	TSK2-9102	TSBV M5x24-9202	BAX VN16-9612	TSAV M4x10x6 9402	-	
S32.. - S50		TSK5-9105	TSBV M6x28-9205			TSP 6.5x12-9705	

*Suitable Insert is ISO

**Spare Parts Ordering Codes



Ordering Code		Item Designation	Dimensions (mm)					Master Insert*
Direction		TTUNR/L (93)	d	h	L	f	D min	
Right	Left							
SM05280	SM05297	S25S TTUNR/L-16	25	23	250	18	≥34	TNM.1604..
SM05327	SM05334	S32T TTUNR/L-16	32	30	300	22	≥40	
SM05365	SM05372	S32T TTUNR/L-22	32	30	300	22	≥40	TNM.2204..
SM05389	SM05396	S40U TTUNR/L-22	40	37	350	29.5	≥50	
SM05402	SM05419	S50V TTUNR/L-22	50	47	400	34	≥63	

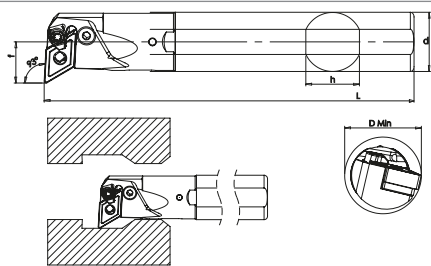


Ordering Code		Item Designation	Dimensions (mm)					Master Insert*
Direction		TT-NR/L (60)	d	h	L	f	D min	
Right	Left							
SM05303	SM05310	S25S TT-NR/L-16	25	23	250	18	≥34	TNM.1604..
SM05341	SM05358	S32T TT-NR/L-16	32	30	300	22	≥40	

Descriptions	Master Insert*	Spare Parts					
							
S25..	TNM.1604..	TSK2-9102	TSBV M5x24-9202	BAX TN16-9610	TSAV M4x10x7-9402	-	SAK-AA3-9902
S32..			TSBV M5x24-9202				
S32.. - S50..	TNM.2204..	TSK1-9101	TSBV M6x28-9205	BAX TN22-9611	TSAV M4x10-9403	TSP 6.5x12-9705	

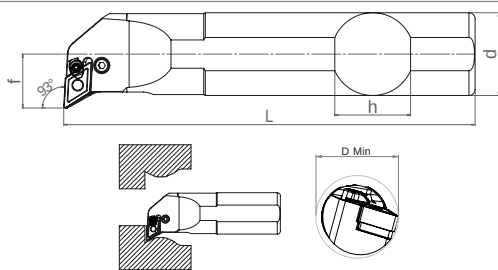
*Suitable Insert is ISO





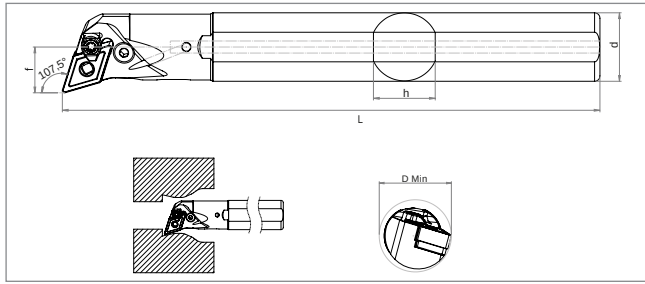
Ordering Code		Item Designation	Dimensions (mm)						Master Insert
Direction		A-PDUNR/L (93)		d	h	L	f	D _{min}	
Right	Left								
 SM73326	SM73333	A25R PDUNR/L-15		25	23	200	17	≥32	DNM.1506..
SM40328	SM40335	A32S PDUNR/L-15		32	30	250	22	≥40	

Size Designation	Master Insert*	Spare Parts							
		Lever	Lever Screw	Allen Key	Shim Spring	Shim	Clamp	Clamp Screw	Torx Key
A25..	DNM.1506..	SPL4 9123	SLV5 M8x19 9231	SAK- AA3-9902	SLAY1 9701	BAX DN15- 9602	PSK4 9128	SSV M3.5x11 9532	STK-T15 9910
S32..			SLV4 M8x21 9229				PSK2 9126		

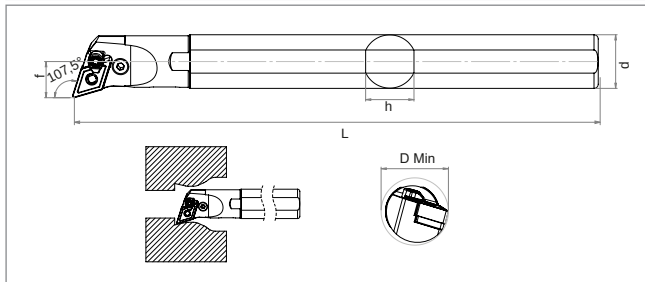


Ordering Code		Item Designation	Dimensions (mm)					Master Insert*
Direction		PDUNR/L (93)	d	h	L	f	D _{min}	
Right	Left							
 SM73340	SM73357	S25S PDUNR/L-15	25	23	250	17	≥32	DNM.1506..
SM06072	SM06089	S32T PDUNR/L-15	32	30	300	22	≥40	
SM06119	SM06126	S40U PDUNR/L-15	40	37	350	27	≥50	
SM37663	SM37670	S50V PDUNR/L-15	50	47	400	34	≥63	

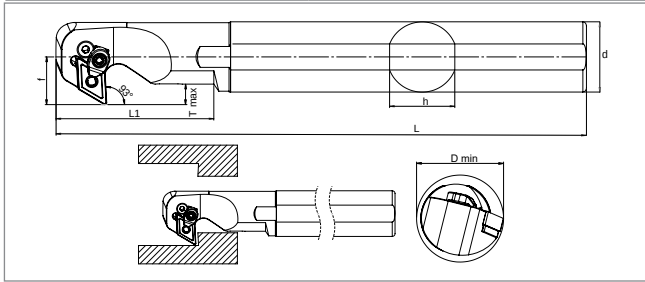
Size Designation	Master Insert*	Spare Parts							
		Lever	Lever Screw	Allen Key	Shim Spring	Shim	Clamp	Clamp Screw	Torx Key
									
S25..	DNM.1506..	SPL4 9123	SLV5 M8x19 9231	SAK- AA3-9902	SLAY1 9701	BAX DN15- 9602	PSK4 9128	SSV M3.5x11 9532	STK-T15 9910
S32.. - S50..			SLV4 M8x21 9229				PSK2 9126		



Ordering Code		Item Designation	Dimensions (mm)						Master Insert*
Direction		PDQNR/L (107.5)		d	h	L	f	D _{min}	
Right	Left								
SM40366	SM40373	A25R PDQNR/L-15	✓	25	23	200	17	≥32	DNM.1506..
SM40359	SM40342	A32S PDQNR/L-15	✓	32	30	250	22	≥40	



Ordering Code		Item Designation	Dimensions (mm)						Master Insert*
Direction		PDQNR/L (107.5)	d	h	L	f	D _{min}		
Right	Left								
SM06065	SM27770	S25S PDQNR/L-15	25	23	250	17	≥32	DNM.1506..	
SM06102	SM06096	S32T PDQNR/L-15	32	30	300	22	≥40		
SM06133	SM06140	S40U PDQNR/L-15	40	37	350	27	≥50		
SM37687	SM38660	S50V PDQNR/L-15	50	47	400	34	≥63		

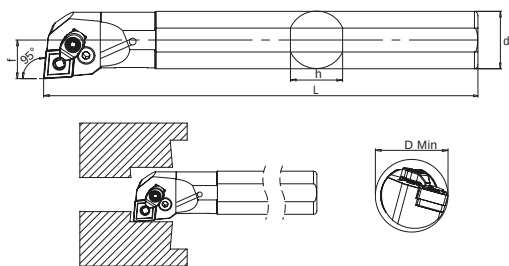


Ordering Code		Item Designation	Dimensions (mm)							Master Insert*
Direction		PDXNR/L(93)	d	h	L	f	l	T _{max}	D _{min}	
Right	Left									
SM73166	SM73173	S32T PDXNR/L-15	32	30	300	22	70	9	≥40	DNM.1506..

Size Designation	Master Insert*	Spare Parts							
		Lever	Lever Screw	Allen Key	Shim Spring	Shim	Clamp	Clamp Screw	Torx Key
S25..	DNM.1506..		SLV5 M8x19-9231	SAK- AA3-9902	SLAY1 9701	BAX DN15- 9602	PSK4 9128 PSK2 9126	SSV M3.5x11 9532	STK-T15 9910
S32.. - S50..			SLV4 M8x21-9229						

*Suitable Insert is ISO

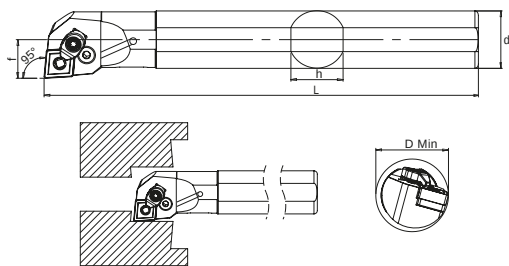
**Spare Parts Ordering Codes



JetBar

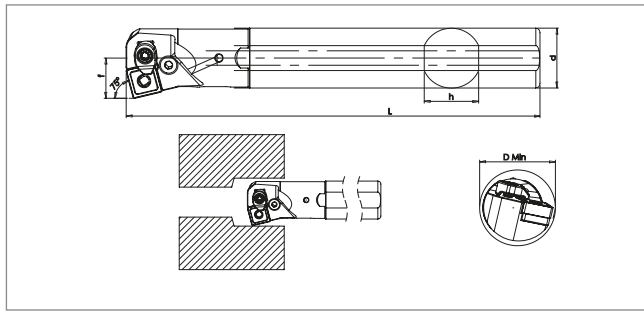


Ordering Code		Item Designation	Dimensions (mm)						Master Insert*
Direction		A-PCLNR/L (95)		d	h	L	f	D _{min}	
Right	Left								
SM40403	SM40410	A25R PCLNR/L-12	✓	25	23	200	17	≥32	CNM.1204..
SM40304	SM40311	A32S PCLNR/L-12	✓	32	30	250	22	≥40	
SM49352	SM49369	A32S PCLNR/L-16	✓	32	30	250	22	≥40	CNM.1606..

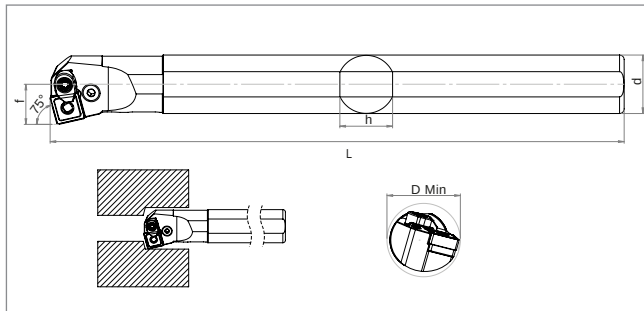


Ordering Code		Item Designation	Dimensions (mm)					Master Insert*
Direction		PCLNR/L (95)	d	h	L	f	D _{min}	
Right	Left							
SM05938	SM05945	S25S PCLNR/L-12	25	23	250	17	≥32	CNM.1204..
SM05952	SM05969	S32T PCLNR/L-12	32	30	300	22	≥40	
SM05976	SM05983	S40U PCLNR/L-12	40	37	350	27	≥50	
SM63600	SM63617	S50V PCLNR/L-12	50	47	400	34	≥63	CNM.1606..
SM05990	SM06003	S32T PCLNR/L-16	32	30	300	22	≥40	
SM06010	SM06027	S40U PCLNR/L-16	40	37	350	27	≥50	
SM37694	SM37700	S50V PCLNR/L-16	50	47	400	34	≥63	CNM.1906..
SM37717	SM37724	S40U PCLNR/L-19	40	37	350	27	≥50	
SM37731	SM37748	S50V PCLNR/L-19	50	47	400	34	≥63	

Size Designation	Master Insert*	Spare Parts							
		Lever	Lever Screw	Allen Key	Shim Spring	Shim	Clamp	Clamp Screw	Torx Key
S25.. - S32..	CNM.1204..	SPL1- 9120	SLV6 M8x18- 9249	SAK- AA3-9902	SLAY1- 9701	BAX CN12- 9603	PSK2 9126	SSV M3.5x11 9532	STK-T15 9910
S40.. - S50..		SPL2-9121	SLV2 M8x24- 9225		SLAY2- 9702	BAX CN16- 9604			
S32.. - S50..	CNM.1606..	SPL2-9121	SLV2 M8x24- 9225	SAK- AA3-9902	SLAY2- 9702	BAX CN16- 9604	PSK2 9126	SSV M3.5x11 9532	STK-T15 9910
S40.. - S50..	CNM.1906..	SPL3- 9122	SLV3 M10x29- 9226	SAK- AA4-9903	SLAY3- 9703	BAX CN19- 9605	PSK3 9127	SSV M6x16 9520	STK-T20 9911



Ordering Code		Item Designation	Dimensions (mm)						Master Insert*
Direction		PSKNR/L (75)		d	h	L	f	D _{min}	
Right	Left								
SM49376	SM49383	A25R PSKNR/L-12		25	23	200	17	≥32	SNM.1204..
SM49390	SM49406	A32S PSKNR/L-12		32	30	250	22	≥40	
SM49413	SM49420	A32S PSKNR/L-15		32	30	250	22	≥40	SNM.1506..

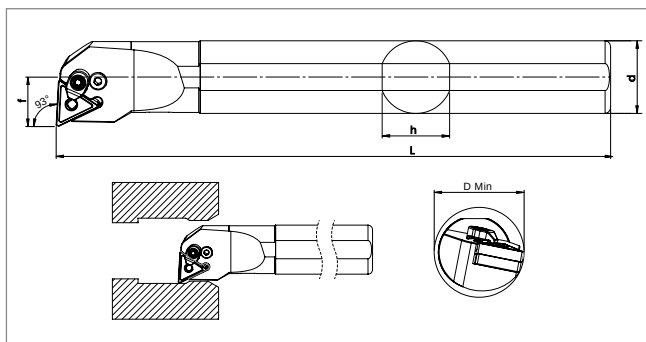


Ordering Code		Item Designation	Dimensions (mm)					Master Insert*
Direction		PSKNR/L (75)	d	h	L	f	D _{min}	
Right	Left							
SM06157	SM06164	S25S PSKNR/L-12	25	23	250	17	≥32	SNM.1204..
SM06171	SM06188	S32T PSKNR/L-12	32	30	300	22	≥40	
SM06195	SM06201	S40U PSKNR/L-12	40	37	350	27	≥50	
SM06218	SM06225	S32T PSKNR/L-15	32	30	300	22	≥40	SNM.1506..
SM06232	SM06249	S40U PSKNR/L-15	40	37	350	27	≥50	
SM37779	SM37786	S50V PSKNR/L-15	50	47	400	34	≥63	

Size Designation	Master Insert*	Spare Parts							
		Lever	Lever Screw	Allen Key	Shim Spring	Shim	Clamp	Clamp Screw	Torx Key
S25.. - S32..	SNM.1204..		SLV6 M8x18-9249	SAK-AA3-9902	SLAY1-9701	BAX SN12-9608	PSK2 9126	SSV M3.5x11 9532	STK-T15 9910
S40..			SLV1 M8x20-9224		SLAY2-9702	BAX SN15-9609			
S32.. - S50..	SNM.1506..	SPL2-9121	SLV2 M8x24-9225						

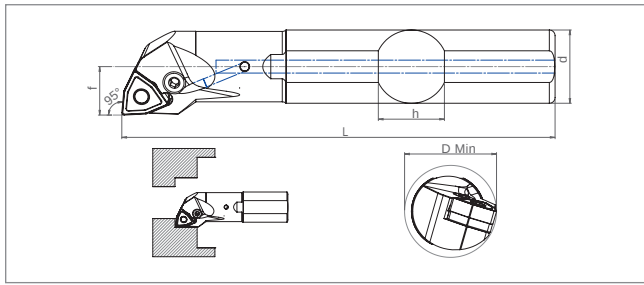
*Suitable Insert is ISO

**Spare Parts Ordering Codes

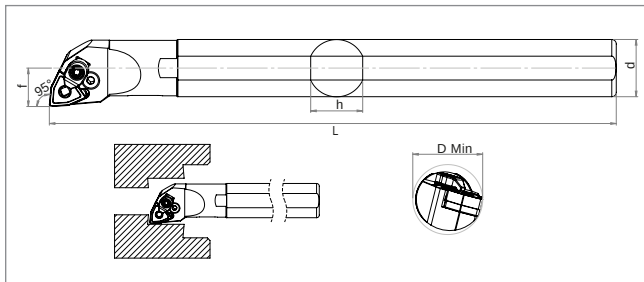


Ordering Code		Item Designation	Dimensions (mm)					Master Insert*
Direction		PTUNR/L (93)	d	h	L	f	D _{min}	
Right	Left							
SM73289	SM73302	S32T PTUNR/L-22	32	30	300	22	≥40	TNM.2204..
SM73296	SM73319	S40U PTUNR/L-22	40	37	350	27	≥50	

Size Designation	Master Insert*	Spare Parts							
		Lever 	Lever Screw 	Allen Key 	Shim Spring 	Shim 	Clamp 	Clamp Screw 	Torx Key 
S32.. - S40..	TNM.2204..	SPL4- 9123	SLV5 M8x19 9231	SAK- AA3-9902	SLAY1 9701	BAX TN22- 9611	PSK2 9126	SSV M3.5x11 9532	STK-T15 9910

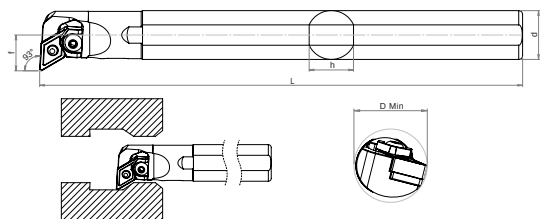


Ordering Code		Item Designation	Dimensions (mm)						Master Insert*
Direction		A-PWLNLR/L (95)		d	h	L	f	D _{min}	
Right	Left								
SM40250	SM40267	A25R PWNLR/L-08	✓	25	23	200	17	≥32	WNM.0804..
SM40236	SM40243	A32S PWNLR/L-08	✓	32	30	250	22	≥40	



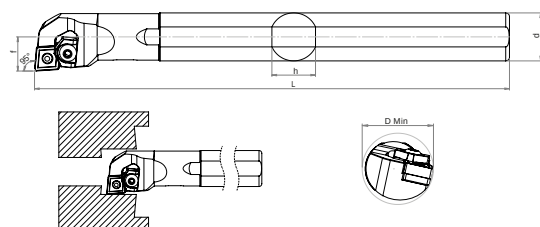
Ordering Code		Item Designation	Dimensions (mm)					Master Insert*
Direction		PWNLR/L (95)	d	h	L	f	D _{min}	
Right	Left							
SM06256	SM06263	S25S PWNLR/L-08	25	23	250	17	≥32	WNM.0804..
SM06270	SM06287	S32T PWNLR/L-08	32	30	300	22	≥40	
SM06294	SM06300	S40U PWNLR/L-08	40	37	350	27	≥50	
SM37755	SM37762	S50V PWNLR/L-08	50	47	400	344	≥63	

Size Designation	Master Insert*	Spare Parts							
		Lever	Lever Screw	Allen Key	Shim Spring	Shim	Clamp	Clamp Screw	Torx Key
S25.. - S50..	WNM.0804..	SPL1-9120	SLV6 M8x18-9249	SAK-AA3-9902	SLAY1-9701	BAX WN08-9607	PSK2 9126	SSV M3.5x11 9532	STK-T15 9910



Ordering Code		Item Designation	Dimensions (mm)					Master Insert*
Direction		<i>MDUNR/L (93)</i>	<i>d</i>	<i>h</i>	<i>L</i>	<i>f</i>	<i>D min</i>	
Right	Left							
SM73081	SM73098	S25S MDUNR/L-15	25	23	250	18	≥32	DNM.1506..
SM73104	SM73111	S32T MDUNR/L-15	32	30	300	22	≥40	

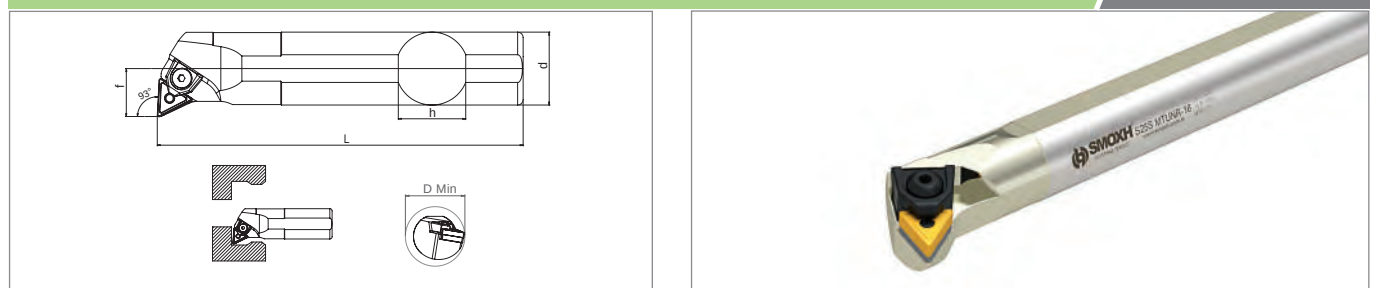
Descriptions	Master Insert*	Spare Parts					
							
S25.. - S32..	DNM.1506..	MSK2-9108	TSBV M5x18-9201	BAX DN15-9602	BMP6 5x6x14-9316	-	SAK-AA3-9902



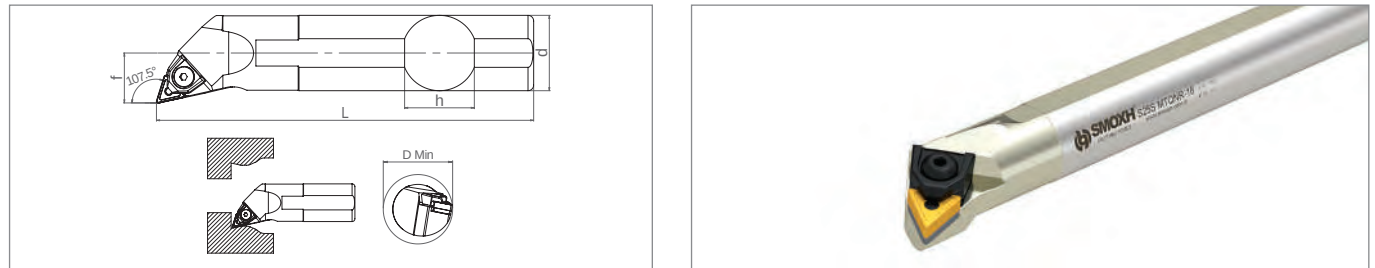
Ordering Code		Item Designation	Dimensions (mm)					Master Insert*
Direction		<i>MCLNR/L (95)</i>	<i>d</i>	<i>h</i>	<i>L</i>	<i>f</i>	<i>D min</i>	
Right	Left							
SM73128	SM73135	S25S MCLNR/L-12	25	23	250	18	≥32	CNM.1204..
SM73142	SM73159	S32T MCLNR/L-12	32	30	300	22	≥40	

Descriptions	Master Insert*	Spare Parts					
							
S25.. - S32..	CNM.1204..	MSK2-9108	TSBV M5x18-9201	BAX CN12-9603	BMP6 5x6x14-9316	-	SAK-AA3-9902

INTERNAL TURNING TOOLS



Ordering Code		Item Designation	Dimensions (mm)						Master Insert*
Direction		MTUNR/L (93)		d	h	L	f	D _{min}	
Right	Left								
SM22072	SM23529	S20R MTUNR/L-16	-	20	18	200	15	≥26	TNM.1604..
 SM73005	SM73012	A25R MTUNR/L-16		25	23	200	18	≥32	
 SM73029	SM73036	A32S MTUNR/L-16		32	30	250	22	≥40	
SM23536	SM23567	S25S MTUNR/L-16	-	25	23	250	18	≥32	
SM20870	SM20887	S32T MTUNR/L-16	-	32	30	300	22	≥40	
SM20979	SM20986	S40U MTUNR/L-16	-	40	37	350	29.5	≥50	TNM.2204..
 SM79076	SM79083	S50V MTUNR/L-16	-	50	47	400	38	≥63	
 SM73067	SM73074	A32S MTUNR/L-22		32	30	250	22	≥40	
SM05648	SM05716	S32T MTUNR/L-22	-	32	30	300	22	≥40	
SM05679	SM05624	S40U MTUNR/L-22	-	40	37	350	29.5	≥50	
SM05709	SM05754	S50V MTUNR/L-22	-	50	47	400	34	≥63	

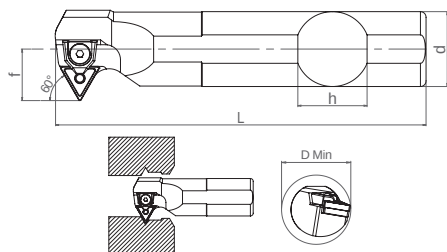


Ordering Code		Item Designation	Dimensions (mm)					Master Insert*
Direction		MTQNR/L (107.5)	d	h	L	f	D _{min}	
Right	Left							
SM22188	SM22195	S20R MTQNR/L-16	20	18	200	15	≥26	TNM.1604..
SM23543	SM23550	S25S MTQNR/L-16	25	23	250	18	≥32	
SM20665	SM20894	S32T MTQNR/L-16	32	30	300	22	≥40	
SM22362	SM22355	S40U MTQNR/L-16	40	37	350	29.5	≥50	
 SM79090	SM79106	S50V MTQNR/L-16	50	47	400	38	≥63	
SM05655	SM05723	S32T MTQNR/L-22	32	30	300	22	≥40	TNM.2204..
SM05686	SM05730	S40U MTQNR/L-22	40	37	350	29.5	≥50	
SM05631	SM05761	S50V MTQNR/L-22	50	47	400	34	≥63	

Descriptions	Master Insert*	Spare Parts				
						
S20..	TNM.1604..	MSK2-9108	TSBV M5x18-9201	-	BMP4 3.70x5x12-9322	SAK-AA3-9902
S25..		MSK1-9107	TSBV M6x25-9203	BAX TN16-9610	BMP1 3.70x5x17-9309	
S32.. - S50..			TSBV M6x28-9205	BAX TN22-9611	BMP2 5x6x16-9310	
S32.. - S50..	TNM.2204..					

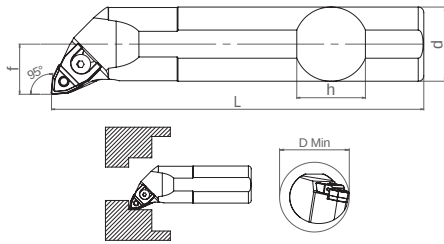
*Suitable Insert is ISO

**Spare Parts Ordering Codes



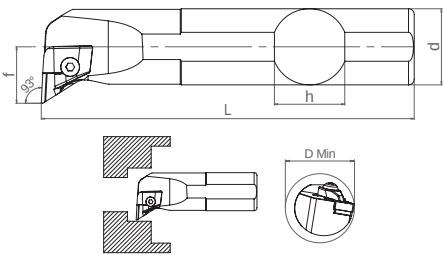
Ordering Code		Item Designation	Dimensions (mm)					Master Insert*
Direction		MT-NR/L (60)	d	h	L	f	D min	
Right	Left							
SM23642	SM23659	S25S MT-NR/L-16	25	23	250	18	≥32	TNM.1604..
SM23673	SM23666	S32T MT-NR/L-16	32	30	300	22	≥40	
SM22379	SM05600	S40U MT-NR/L-16	40	37	350	29.5	≥50	
SM05662	SM05617	S32T MT-NR/L-22	32	30	300	22	≥40	TNM.2204..
SM05693	SM05747	S40U MT-NR/L-22	40	37	350	29.5	≥50	
SM05778	SM05785	S50V MT-NR/L-22	50	47	400	34	≥63	

Descriptions	Master Insert*	Spare Parts					
		Clamp 	Screw 	Shim 	Pin 	Stamp 	Allen Key 
S25..	TNM.1604..	MSK1-9107	TSBV M6x25 9203	BAX TN16-9610	BMP1 3.70x5x17-9309	SAK-AA3-9902	
S32.. - S40..			TSBV M6x28-9205	BAX TN22-9611	BMP2 5x6x16-9310		
S32.. - S50..	TNM.2204..						



Ordering Code		Item Designation	Dimensions (mm)					Master Insert*
Direction		MWLNR/L (95)	d	h	L	f	D _{min}	
Right	Left							
SM05792	SM05815	S16P MWLNR/L-06	16	15	170	11	≥22	WNM.0604..
SM05808	SM05822	S20R MWLNR/L-06	20	18	200	14.5	≥25	
SM05860	SM05839	S25S MWLNR/L-06	25	23	250	18	≥32	
SM05853	SM05891	S25S MWLNR/L-08	25	23	250	18	≥32	WNM.0804..
SM05877	SM05907	S32T MWLNR/L-08	32	30	300	22	≥40	
SM05884	SM05914	S40U MWLNR/L-08	40	37	350	29.5	≥50	
SM05846	SM05921	S50V MWLNR/L-08	50	47	400	34	≥63	

Descriptions	Master Insert*	Spare Parts					
		Clamp	Screw	Shim	Pin	Stamp	Allen Key
S16..	WNM.0604..	MSK4-9110	TSBV M5x16-9222	-	BMP7 3.70x5x11 9317	SAK-AA3-9902	
S20..			TSBV M5x18-9201	BAX WN06-9606			
S25..			TSBV M6x27-9203	BAX WN08-9607	BMP6 5x6x14-9316		
S25..	WNM.0804..	MSK3-9109	TSBV M6x28-9205				
S32.. - S50..							



Ordering Code		Item Designation	Dimensions (mm)					Master Insert*
Direction		CKUNR/L (93)	d	h	L	f	D _{min}	
Right	Left							
SM20771	SM20788	S25S CKUNR/L-16	25	23	250	19.5	≥34	KNUX-R/L 1604..
SM20818	SM20825	S32T CKUNR/L-16	32	30	300	22	≥40	
SM20832	SM20849	S40U CKUNR/L-16	40	37	350	29.5	≥50	
SM20856	SM20863	S50V CKUNR/L-16	50	47	400	34	≥63	

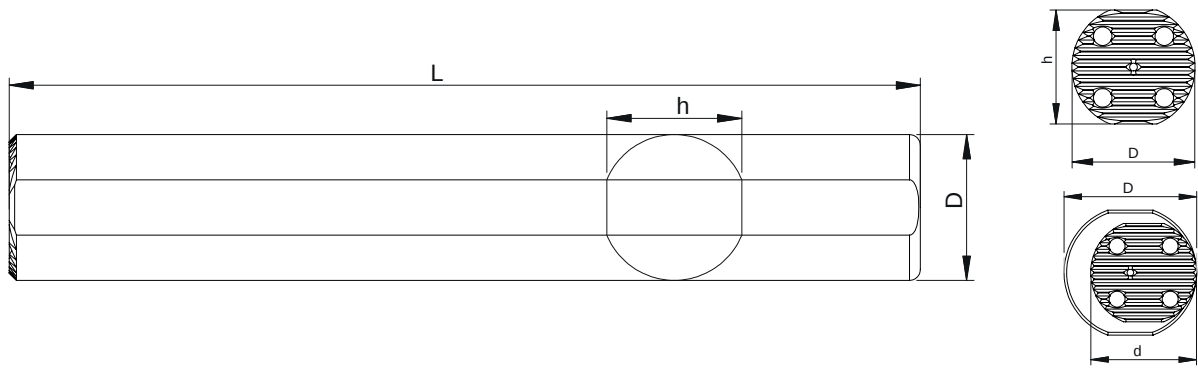
Descriptions	Master Insert*	Spare Parts				
S25..	KNUX-R/L 1604..	CSK2/R-9113 CSK2/L-9112	CSBV M6x20-9209	BAX KN/R-16-9621 KN/L-16-9622	CSAV M3x10 9401	SAK-AA4-9903
S32.. - S50..			CSBV1 M6x25-9223			SAK-AA5-9904

*Suitable Insert is ISO

**Spare Parts Ordering Codes



E-Fit Cartridge



Ordering Code	Item Designation	Dimensions (mm)				
	<i>ECOBODY</i>	<i>D</i>	<i>d</i>	<i>L</i>	<i>h</i>	<i>D_{Min}</i>
SM79748	S40S ECOBODY-250	40	40	250	37	≥50
SM79755	S40U ECOBODY-350	40	40	350	37	≥50
SM79762	S40W ECOBODY-450	40	40	450	37	≥50
SM79779	S50T ECOBODY-300	50	40	300	47	≥60
SM79786	S50U ECOBODY-350	50	40	350	47	≥60
SM79793	S50X ECOBODY-500	50	40	500	47	≥60
SM79809	S60U ECOBODY-350	60	40	350	57	≥70
SM79816	S60V ECOBODY-400	60	40	400	57	≥70
SM79823	S60X ECOBODY-550	60	40	550	57	≥70

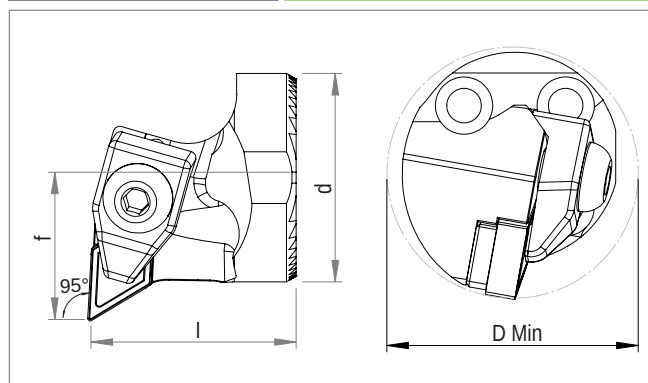
Size Designation	Spare Parts	
	<i>Screw</i>	<i>Allen Key</i>
S40-S60	BKTV M6x25-9215	SAK-AA4-9903



THIS TOOL DOES NOT HAVE ANTI-VIBRATION PROPERTIES.
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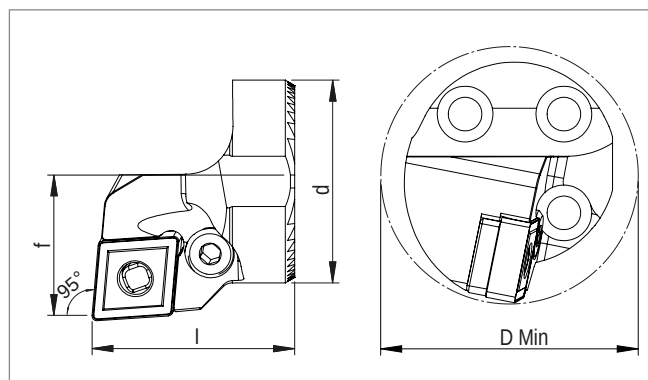
*Suitable Insert is ISO

**Spare Parts Ordering Codes



Ordering Code		Item Designation	Dimensions (mm)					Master Insert*
Direction		<i>E-FIT TDUNR/L (95)</i>	<i>d</i>	<i>l</i>	<i>f</i>	<i>D min</i>	Holder	
Right	Left							
SM79830	SM79847	E-FIT TDUNR/L-15	40	40	27	≥50	S40.. S50.. S60..	DNM.1506..

Size Designation	Master Insert*	Spare Parts					
		Clamp 	Screw 	Shim 	Shim Screw 	Stamp 	Allen Key 
E-FIT TDUNR/L	DNM.1506..	TSK1-9101	TSBV M6x28-9205	BAX DN15-9602	TSBV M4x10-9403	TSP 6.5x12-9705	SAK- AA3-9902



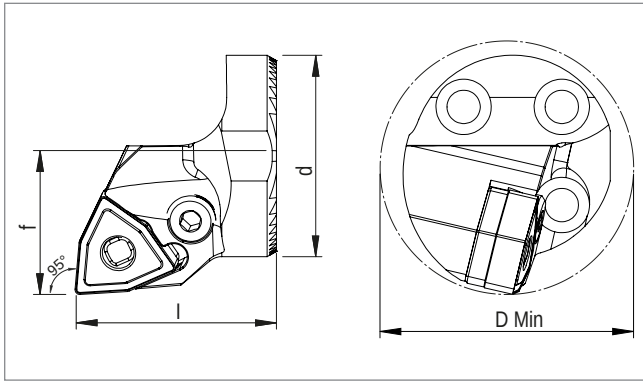
Ordering Code		Item Designation	Dimensions (mm)					Master Insert*
Direction		<i>E-FIT PCLNR/L (95)</i>	<i>d</i>	<i>l</i>	<i>f</i>	<i>D min</i>	Holder	
Right	Left							
SM79854	SM79861	E-FIT PCLNR/L-12	40	40	27	≥50	S40.. S50.. S60..	CNM.1204..
SM79878	SM79885	E-FIT PCLNR/L-16	40	40	27	≥50		CNM.1606..

Size Designation	Master Insert*	Spare Parts				
		Lever 	Lever Screw 	Allen Key 	Shim Spring 	Shim 
E-FIT PCLNR/L	CNM.1204..	SPL1-9120	SLV6 M8x18-9249	SAK-AA3-9902	SLAY1-9701	BAX CN12-9603
	CNM.1606..	SPL2-9121	SLV2 M8x24-9225		SLAY2-9702	BAX CN16-9604



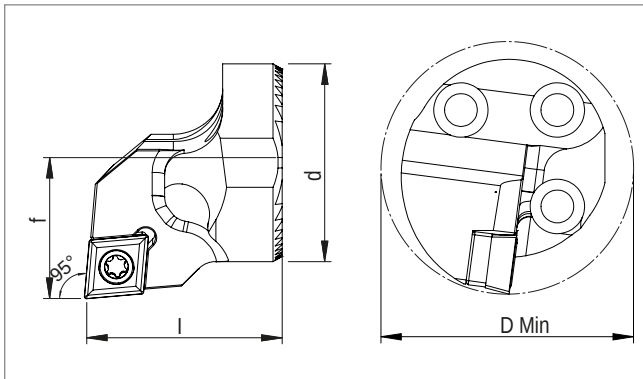
THIS TOOL DOES NOT HAVE ANTI-VIBRATION PROPERTIES.

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Ordering Code		Item Designation	Dimensions (mm)					Master Insert*
Direction		<i>E-FIT PWLNR/L (95)</i>	<i>d</i>	<i>l</i>	<i>f</i>	<i>D min</i>	<i>Holder</i>	
Right	Left							
SM79892	SM79908	E-FIT PWLNR/L-08	40	40	27	≥50	S40.. S50.. S60..	WNM.0804..

Size Designation	Master Insert*	Spare Parts				
		<i>Lever</i>	<i>Lever Screw</i>	<i>Allen Key</i>	<i>Shim Spring</i>	<i>Shim</i>
E-FIT PWLNR/L	WNM.0804..	SPL1-9120	SLV6 M8x18-9249	SAK-AA3-9902	SLAY1-9701	BAX WN08-9607



Ordering Code		Item Designation	Dimensions (mm)					Master Insert*
Direction		<i>E-FIT SCLCR/L (95)</i>	<i>d</i>	<i>l</i>	<i>f</i>	<i>D min</i>	<i>Holder</i>	
Right	Left							
SM79915	SM79922	E-FIT SCLCR/L-09	40	40	27	≥50	S40.. S50.. S60..	CCM. 09T3..

Descriptions	Master Insert*	Spare Parts			
		<i>Screw</i>	<i>Shim</i>	<i>Shim Screw</i>	<i>Torx Key</i>
S32..	CCM. 09T3..	SSV M3.5x12-9526	BAX CC09-9616	SBV5 M5x0.5 A3.5x9-9408	STK-T15-9910

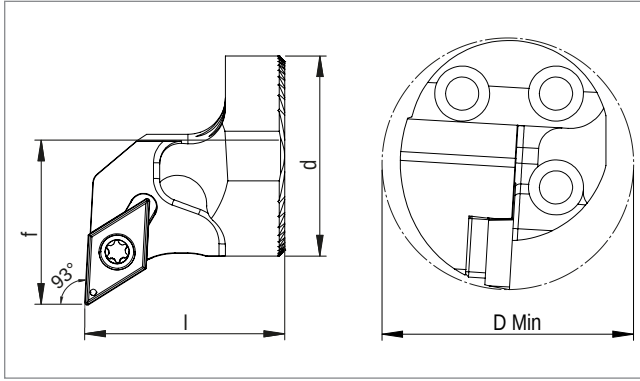


THIS TOOL DOES NOT HAVE ANTI-VIBRATION PROPERTIES.

BU TAKIMDA ANTI-VİBRASYON ÖZELLİĞİ YOKTUR.

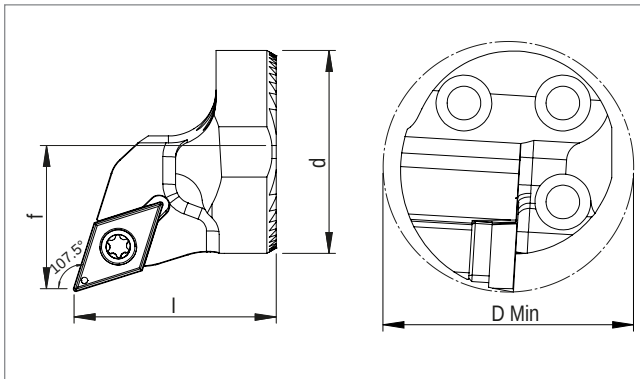
*Suitable Insert is ISO

**Spare Parts Ordering Codes



Ordering Code		Item Designation	Dimensions (mm)					Master Insert*
Direction		<i>E-FIT SDUCR/L (93)</i>	<i>d</i>	<i>l</i>	<i>f</i>	<i>D min</i>	Holder	
Right	Left							
SM79939	SM79946	E-FIT SDUCR/L-11	40	40	27	≥50	S40.. S50.. S60..	DCM. 11T3..

Descriptions	Master Insert*	Spare Parts			
		Screw 	Shim 	Shim Screw 	Torx Key 
E-FIT SDUCR/L-11	DCM. 11T3..	SSV M3.5x10-9511	BAX DC11-9613	SBV5 M5x0.5 A3.5x9-9408	STK-T15-9910

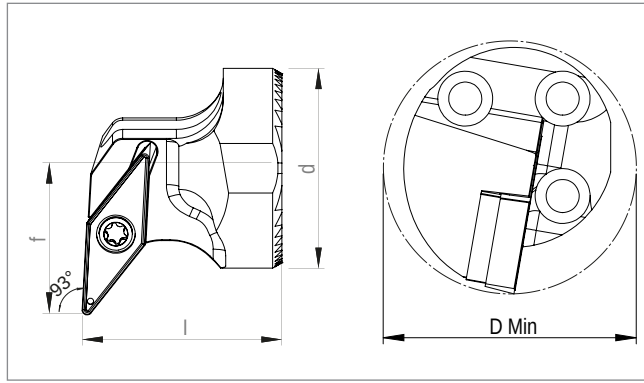


Ordering Code		Item Designation	Dimensions (mm)					Master Insert*
Direction		<i>E-FIT SDQCR/L (107.5)</i>	<i>d</i>	<i>l</i>	<i>f</i>	<i>D min</i>	Holder	
Right	Left							
SM79953	SM79960	E-FIT SDQCR/L-11	40	40	27	≥50	S40.. S50.. S60..	DCM. 11T3..

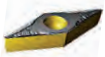
Descriptions	Master Insert*	Spare Parts			
		Screw 	Shim 	Shim Screw 	Torx Key 
E-FIT SDQCR/L-11	DCM. 11T3..	SSV M3.5x10-9511	BAX DC11-9613	SBV5 M5x0.5 A3.5x9-9408	STK-T15-9910

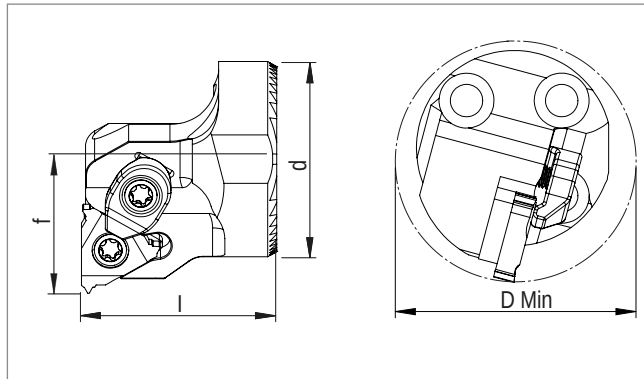


THIS TOOL DOES NOT HAVE ANTI-VIBRATION PROPERTIES.
BU TAKIMDA ANTI-VİBRASYON ÖZELLİĞİ YOKTUR.



Ordering Code		Item Designation	Dimensions (mm)					Master Insert*
Direction		E-FIT SVUBR/L (93)	d	l	f	D min	Holder	
Right	Left							
SM79977	SM79984	E-FIT SVUBR/L-16	40	40	27	≥50	S40.. S50.. S60..	VBM. 1604..

Descriptions	Master Insert*	Spare Parts				
						
E-FIT SVUBR/L	VBM. 1604..	SSV M3.5x14-9512	BAX VB16-9618	SBV M5x0.5 A3.5x11-9407	STK-T15-9910	



Ordering Code		Item Designation	Dimensions (mm)					Master Insert*
Direction		E-FIT SIR/L	d	l	f	D min	Holder	
Right	Left							
SM79991	SM80003	E-FIT SIR/L-16	40	40	27	≥50	S40.. S50.. S60..	16 IR/IL-ISO (0.35-3)
SM80010	SM80027	E-FIT SIR/L-22	40	40	27	≥50		22 IR/IL ISO (3.5-4.5)

Descriptions	Master Insert*	Spare Parts						
								
E-FIT SIR/L	16 IR/IL-ISO (0.35-3)	SSV M3.5x14 9512	BAX ER/L-16- 9623	SBV5 M5.05- A3.5x11-9407	STK-T15 9910	PSK2 9126	SSV M3.5x11 9532	STK-T15 9910
	22 IR/IL ISO (3.5-4.5)	SSV M4x12- 9515	BAX ER/L-22- 9624	SBV3 M6x0.75 A4x10-9412				

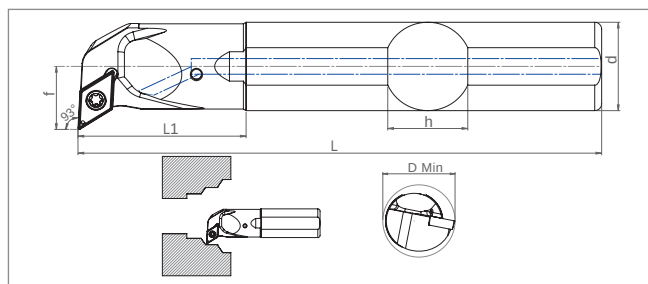


THIS TOOL DOES NOT HAVE ANTI-VIBRATION PROPERTIES.

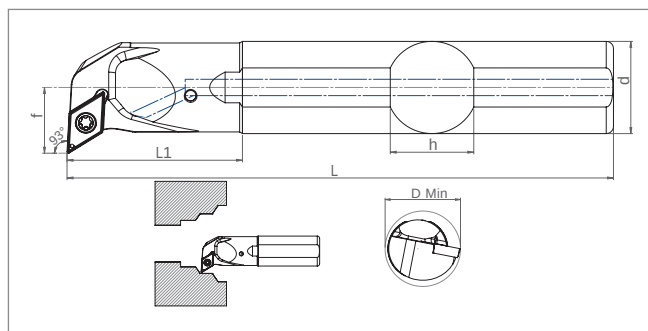
BU TAKIMDA ANTI-VİBRASYON ÖZELLİĞİ YOKTUR.

*Suitable Insert is ISO

**Spare Parts Ordering Codes

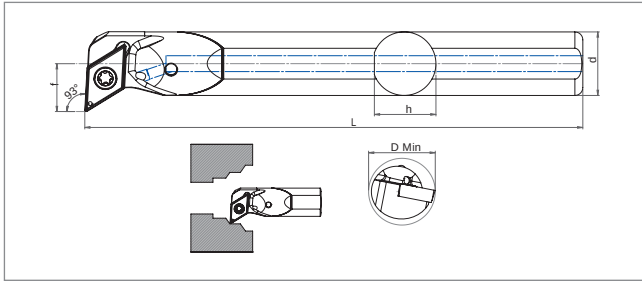


Ordering Code		Item Designation	Dimensions (mm)							Master Insert*
Direction		A-SDUCR/L(93)		d	h	L	f	L1	D min	
Right	Left									
SM36093	SM36109	A10H SDUCR/L-07	✓	10	9	100	8	-	≥13	DCM. 0702..
SM36116	SM36123	A12H SDUCR/L-07	✓	12	11	100	10	-	≥16	
SM36130	SM36147	A16M SDUCR/L-07	✓	16	15	150	13	-	≥21	
SM36154	SM36161	A16M SDUCR/L-11	✓	16	15	150	13	-	≥21	DCM. 11T3..
SM36178	SM36185	A20P SDUCR/L-11	✓	20	18	170	14.5	-	≥25	
SM36192	SM36208	A25R SDUCR/L-11	✓	25	23	200	19.5	-	≥32	
SM36215	SM36222	A32S SDUCR/L-11	✓	32	30	250	24	-	≥40	

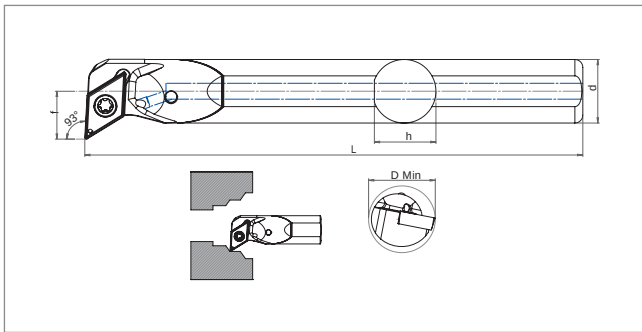


Ordering Code		Item Designation	Dimensions (mm)							Master Insert*
Direction		A-SDUCR/L(93) SET		d	h	L	f	L1	D min	
Right	Left									
SM59856	SM59863	A10H SDUCR/L-07	✓	10	9	100	8	-	≥13	DCM. 0702..
		A12H SDUCR/L-07	✓	12	11	100	10	-	≥16	
		A16M SDUCR/L-11	✓	16	15	150	13	-	≥21	DCM. 11T3..

Descriptions	Master Insert*	Spare Parts			
		Screw	Shim	Shim Screw	Torx Key
					
A10.. - A16	DCM. 0702..	SSV M2.5x6-9505	-		STK-T08-9908
A16.. - A20..	DCM. 11T3..	SSV M3.5x10-9511			BAX DC11-9613
A25..		SSV M3.5x12-9526			
A32..		SSV M3.5x14-9512			

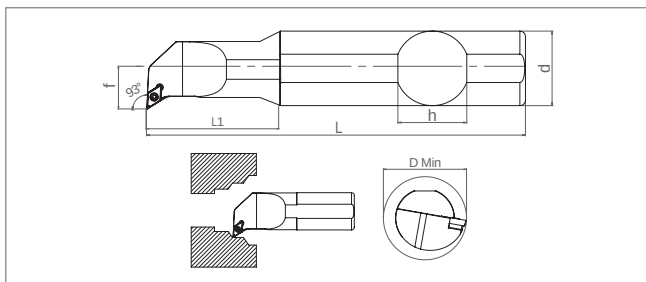


Ordering Code		Item Designation	Dimensions (mm)							Master Insert*
Direction		E-SDUCR/L(93)		d	h	L	f	L1	D min	
Right	Left									
SM59771	SM59818	E10M SDUCR/L-07	✓	10	9.5	150	8	-	≥13	DCM. 0702..
SM59788	SM59825	E12Q SDUCR/L-07	✓	12	11	180	10	-	≥16	
SM59795	SM59832	E16R SDUCR/L-11	✓	16	15	200	13	-	≥21	DCM. 11T3..
SM59801	SM59849	E20S SDUCR/L-11	✓	20	19	250	15	-	≥25	

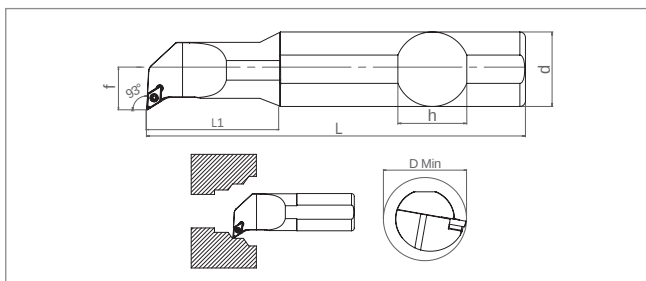


Ordering Code		Item Designation	Dimensions (mm)							Master Insert*
Direction		E-SDUCR/L(93) SET		d	h	L	f	L1	D min	
Right	Left									
SM59870	SM59887	E10M SDUCR/L-07	✓	10	9.5	150	8	-	≥13	DCM. 0702..
		E12Q SDUCR/L-07	✓	12	11	180	10	-	≥16	
		E16R SDUCR/L-11	✓	16	15	200	13	-	≥21	DCM. 11T3..

Descriptions	Master Insert*	Spare Parts			
		Screw 	Shim 	Shim Screw 	Torx Key
E10.. - E12	DCM. 0702..	SSV M2.5x6-9505	-		STK-T08-9908
E16.. - E20..	DCM. 11T3..	SSV M3.5x10-9511			STK-T15-9910

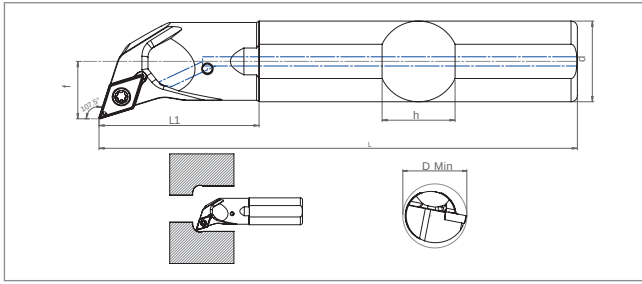


Ordering Code		Item Designation	Dimensions (mm)						Master Insert*
Direction		SDUCR/L(93)	d	h	L	f	L1	D min	
Right	Left								
SM74965	SM74972	S08x10K SDUCR/L-07	10	9	125	8	35	≥13	DCM. 0702..
SM06713	SM06805	S10K SDUCR/L-07	10	9	125	8	-	≥13	
SM06744	SM06775	S12K SDUCR/L-07	12	11	125	10	-	≥16	
SM06850	SM06935	S16x10M SDUCR/L-07	16	15	150	8	35	≥13	
SM06874	SM06959	S16x12M SDUCR/L-07	16	15	150	10	35	≥16	
SM06836	SM06904	S16P SDUCR/L-07	16	15	170	13	-	≥21	
SM42803	SM42810	S20R SDUCR/L-07	20	18	200	14.5	-	≥25	DCM. 11T3..
SM07017	SM07055	S16P SDUCR/L-11	16	15	170	13	-	≥21	
SM07086	SM07116	S20R SDUCR/L-11	20	18	200	14.5	-	≥25	
SM07147	SM07178	S25S SDUCR/L-11	25	23	250	19.5	-	≥32	
SM39629	SM39636	S25S SDUCR/L-11S	25	23	250	19.5	-	≥32	
SM07253	SM07208	S32T SDUCR/L-11	32	30	300	24	-	≥40	
SM07352	SM07369	S40U SDUCR/L-11	40	37	350	29.5	-	≥50	

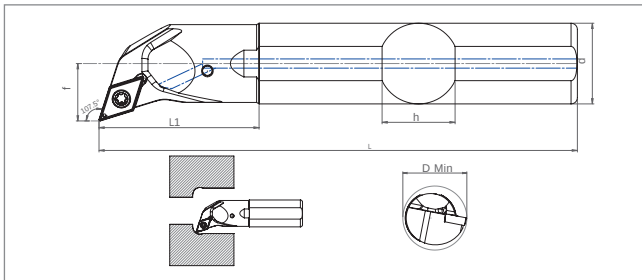


Ordering Code		Item Designation	Dimensions (mm)						Master Insert*
Direction		SDUCR/L(93) SET	d	h	L	f	L1	D min	
Right	Left								
SM59894	SM59900	S10K SDUCR/L-07	10	9	125	8	-	≥13	DCM. 0702..
		S12K SDUCR/L-07	12	11	125	10	-	≥16	
		S16P SDUCR/L-11	16	15	170	13	-	≥21	DCM. 11T3..

Descriptions	Master Insert*	Spare Parts			
		Screw 	Shim 	Shim Screw 	Torx Key
S08.. - S16	DCM. 0702..	SSV M2.5x6- 9505	-	-	STK-T08- 9908
S20..		SSV M2.5x7- 9506			
S16.. - S25..	DCM. 11T3..	SSV M3.5x10- 9511	BAX DC11- 9613	SBV5 M5x0.5 A3.5x9- 9408	STK-T15- 9910
S25(S).. - S32..		SSV M3.5x14- 9512			
S40..					



Ordering Code		Item Designation	Dimensions (mm)							Master Insert*
Direction		A-SDQCR/L(107.5)		d	h	L	f	L1	D min	
Right	Left									
SM36239	SM36246	A10H SDQCR/L-07	✓	10	9	100	8	-	≥13	DCM. 0702..
SM36253	SM36260	A12H SDQCR/L-07	✓	12	11	100	10	-	≥16	
SM36277	SM36284	A16M SDQCR/L-07	✓	16	15	150	13	-	≥21	
SM36291	SM36307	A16M SDQCR/L-11	✓	16	15	150	13	-	≥21	DCM. 11T3..
SM36314	SM36321	A20P SDQCR/L-11	✓	20	18	170	14.5	-	≥25	
SM36338	SM36345	A25R SDQCR/L-11	✓	25	23	200	19.5	-	≥32	
SM36352	SM36369	A32S SDQCR/L-11	✓	32	30	250	24	-	≥40	

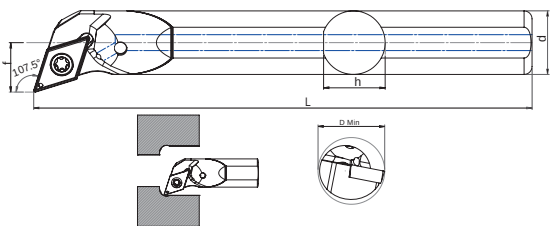


Ordering Code		Item Designation	Dimensions (mm)							Master Insert*
Direction		A-SDQCR/L(107.5) SET		d	h	L	f	L1	D min	
Right	Left									
SM59917	SM59924	A10H SDQCR/L-07	✓	10	9	100	8	-	≥13	DCM. 0702..
		A12H SDQCR/L-07	✓	12	11	100	10	-	≥16	
		A16M SDQCR/L-11	✓	16	15	150	13	-	≥21	DCM. 11T3..

Descriptions	Master Insert*	Spare Parts			
		Screw	Shim	Shim Screw	Torx Key
					
A10.. - A16..	DCM. 0702..	SSV M2.5x6-9505	-		STK-T08-9908
A16.. - A20..	DCM. 11T3..	SSV M3.5x10-9511			BAX DC11-9613
A25..		SSV M3.5x14-9512			
A32..					

*Suitable Insert is ISO

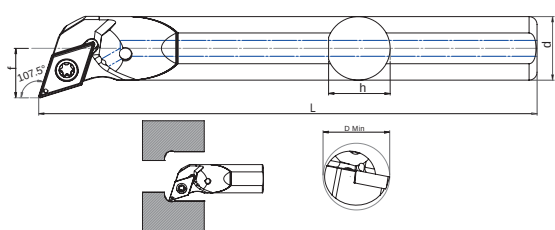
**Spare Parts Ordering Codes



JetBar



Ordering Code		Item Designation	Dimensions (mm)							Master Insert*
Direction		<i>E-SDQCR/L(107.5)</i>		<i>d</i>	<i>h</i>	<i>L</i>	<i>f</i>	<i>L1</i>	<i>D_{min}</i>	
Right	Left									
SM59979	SM60012	E10M SDQCR/L-07	✓	10	9.5	150	8	-	≥13	DCM. 0702..
SM59986	SM60029	E12Q SDQCR/L-07	✓	12	11	180	10	-	≥16	
SM59993	SM60036	E16R SDQCR/L-11	✓	16	15	200	13	-	≥21	DCM. 11T3..
SM60005	SM60043	E20S SDQCR/L-11	✓	20	19	250	15	-	≥25	

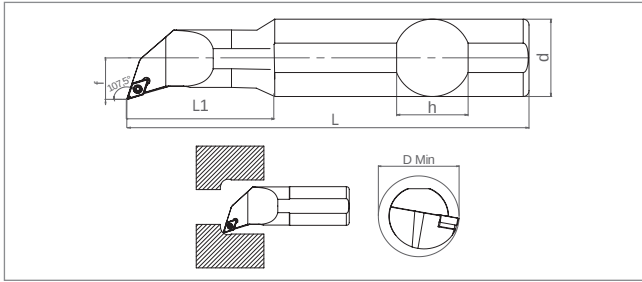


JetBar

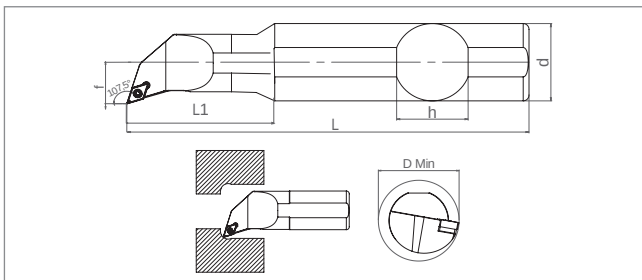


Ordering Code		Item Designation	Dimensions (mm)							Master Insert*
Direction		<i>E-SDQCR/L(107.5)</i> SET		<i>d</i>	<i>h</i>	<i>L</i>	<i>f</i>	<i>L1</i>	<i>D_{min}</i>	
Right	Left									
SM59931	SM59948	E10M SDQCR/L-07	✓	10	9.5	150	8	-	≥13	DCM. 0702..
		E12Q SDQCR/L-07	✓	12	11	180	10	-	≥16	
		E16R SDQCR/L-11	✓	16	15	200	13	-	≥21	DCM. 11T3..

Descriptions	Master Insert*	Spare Parts			
		Screw 	Shim 	Shim Screw 	Torx Key
E10.. - E12	DCM. 0702..	SSV M2.5x6- 9505	-	-	STK-T08- 9908
E16.. - E20..	DCM. 11T3..	SSV M3.5x10- 9511			STK-T15- 9910



Ordering Code		Item Designation	Dimensions (mm)						Master Insert*
Direction		SDQCR/L(107.5)	d	h	L	f	L1	Dmin	
Right	Left								
SM06720	SM06737	S10K SDQCR/L-07	10	9	125	8	-	≥13	DCM. 0702..
SM06751	SM06799	S12K SDQCR/L-07	12	11	125	10	-	≥16	
SM06867	SM06942	S16x10M SDQCR/L-07	16	15	150	8	35	≥13	
SM06898	SM06966	S16x12M SDQCR/L-07	16	15	150	10	35	≥16	
SM06911	SM06928	S16P SDQCR/L-07	16	15	170	13	-	≥21	
SM49437	SM49444	S20R SDQCR/L-07	20	18	200	14.5	-	≥25	DCM. 11T3..
SM07031	SM07291	S16P SDQCR/L-11	16	15	170	13	-	≥21	
SM07093	SM07130	S20R SDQCR/L-11	20	18	200	14.5	-	≥25	
SM07161	SM07192	S25S SDQCR/L-11	25	23	250	19.5	-	≥32	
SM39421	SM39414	S25S SDQCR/L-11S	25	23	250	19.5	-	≥32	
SM07239	SM07246	S32T SDQCR/L-11	32	30	300	24	-	≥40	
SM07376	SM07383	S40U SDQCR/L-11	40	37	350	29.5	-	≥50	

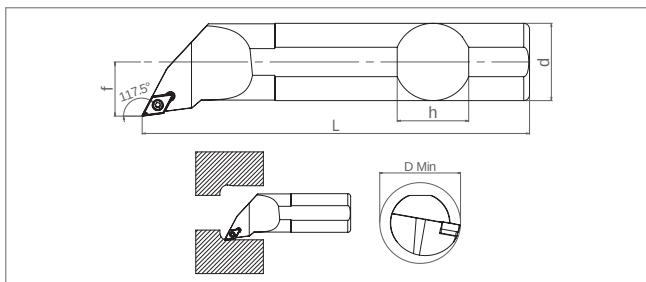


Ordering Code		Item Designation	Dimensions (mm)						Master Insert*
Direction		SDQCR/L(107.5) SET	d	h	L	f	L1	D min	
Right	Left								
SM59955	SM59962	S10K SDQCR/L-07	10	9	125	8	-	≥13	DCM. 0702..
		S12K SDQCR/L-07	12	11	125	10	-	≥16	
		S16P SDQCR/L-11	16	15	170	13	-	≥21	DCM. 11T3..

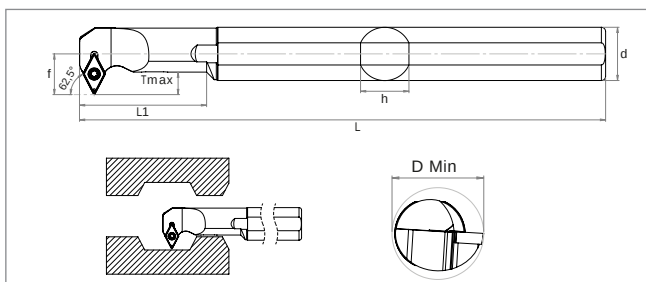
Descriptions	Master Insert*	Spare Parts			
		Screw	Shim	Shim Screw	Torx Key
S10.. - S20	DCM. 0702..	SSV M2.5x6-9505	-	-	STK-T08-9908
S16.. - S25..	DCM. 11T3..	SSV M3.5x10-9511			
S25(S).. - S32..		SSV M3.5x14-9512	BAX DC11-9613	SBV5 M5x0.5 A3.5x9-9408	STK-T15-9910
S40..				SBV M5x0.5 A3.5x11-9407	

*Suitable Insert is ISO

**Spare Parts Ordering Codes

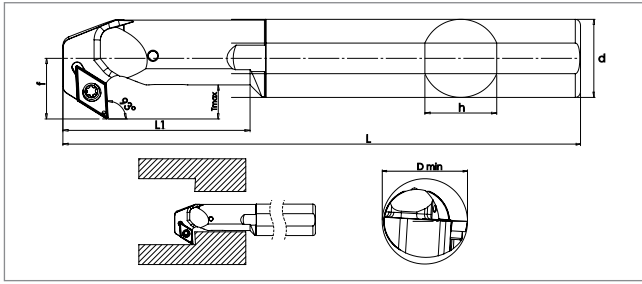


Ordering Code		Item Designation	Dimensions (mm)						Master Insert*
Direction		SDPCR/L(117.5)	d	h	L	f	L1	D min	
Right	Left								
SM06829	SM06973	S10K SDPCR/L-07	10	9	125	8	-	≥13	DCM. 0702..
SM06843	SM06980	S12K SDPCR/L-07	12	11	125	10	-	≥16	
SM07314	SM07390	S16P SDPCR/L-11	16	15	170	13	-	≥21	DCM. 11T3..
SM07338	SM07406	S20R SDPCR/L-11	20	18	200	14.5	-	≥25	
SM07345	SM07413	S25S SDPCR/L-11	25	23	250	19.5	-	≥32	
SM52086	SM52093	S25S SDPCR/L-11S	25	23	250	19.5	-	≥32	
SM07277	SM07437	S32T SDPCR/L-11	32	30	300	24	-	≥40	
SM07475	SM07482	S40U SDPCR/L-11	40	37	350	29.5	-	≥50	

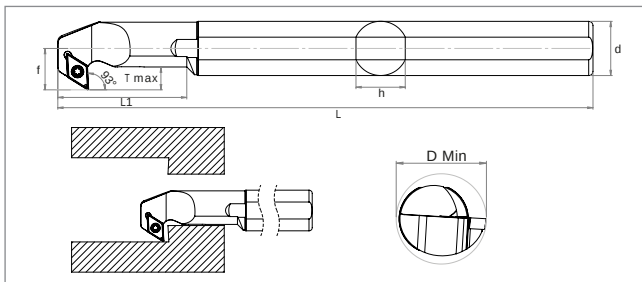


Ordering Code		Item Designation	Dimensions (mm)							Master Insert*
Direction		SD-CR/L(62.5)	d	h	L	f	L1	T _{max}	D _{min}	
Right	Left									
SM42780	SM42797	S10K SD-CR/L-07	10	9	125	9	35	5	≥14	DCM. 0702..
SM06812	SM06782	S12K SD-CR/L-07	12	11	125	10	40	5	≥16	
SM06881	SM07000	S16x12M SD-CR/L-07	16	15	150	11	40	5.8	≥17	
SM07024	SM07062	S16P SD-CR/L-11	16	15	170	13	50	7.5	≥22	DCM. 11T3..
SM07079	SM07123	S20R SD-CR/L-11	20	18	200	15	50	9	≥25	
SM07154	SM07185	S25S SD-CR/L-11	25	23	250	19.5	60	10.2	≥32	
SM07215	SM07222	S32T SD-CR/L-11	32	30	300	24	70	10.5	≥40	
SM07451	SM07468	S40U SD-CR/L-11	40	37	350	29.5	-	-	≥50	

Descriptions	Master Insert*	Spare Parts			
		Screw 	Shim 	Shim Screw 	Torx Key 
S10.. - S12	DCM. 0702..	SSV M2.5x6- 9505	-		STK-T08- 9908
S16.. - S25..	DCM. 11T3..	SSV M3.5x10- 9511			STK-T15- 9910
S25(S).. - S32..		SSV M3.5x14- 9512	BAX DC11- 9613	SBV5 M5x0.5 A3.5x9- 9408	
S40..				SBV M5x0.5 A3.5x11- 9407	



Ordering Code		Item Designation	Dimensions (mm)								Master Insert*
Direction		A-SDXCR/L(93)		d	h	L	f	L1	T max	D min	
Right	Left										
SM73364	SM73401	A12H SDXCR/L-07	✓	12	11	100	10	40	5	≥16	DCM. 0702..
SM73371	SM73418	A16M SDXCR/L-11	✓	16	15	150	13	50	7.5	≥21	DCM. 11T3..
SM73388	SM73425	A20P SDXCR/L-11	✓	20	18	170	15	50	9	≥25	
SM73395	SM73432	A25R SDXCR/L-11	✓	25	23	200	19.5	60	10.2	≥32	

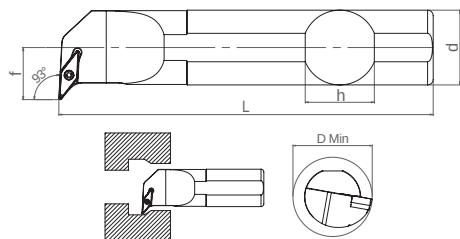


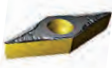
Ordering Code		Item Designation	Dimensions (mm)							Master Insert*
Direction		SDXCR/L(93)	d	h	L	f	L1	T _{max}	D _{min}	
Right	Left									
SM06768	SM06997	S12K SDXCR/L-07	12	11	125	10	40	5	≥16	DCM. 0702..
SM07048	SM07307	S16P SDXCR/L-11	16	15	170	13	50	7.5	≥21	DCM. 11T3..
SM07109	SM07321	S20R SDXCR/L-11	20	18	200	15	50	9	≥25	
SM07260	SM07420	S25S SDXCR/L-11	25	23	250	19.5	60	10.2	≥32	
SM07284	SM07444	S32T SDXCR/L-11	32	30	300	24	70	10.5	≥40	
 SM74910	SM74927	S25S SDXCR/L-11S	25	23	250	19.5	60	10.2	≥32	
SM07499	SM07505	S40U SDXCR/L-11	40	37	350	29.5	-	-	≥50	

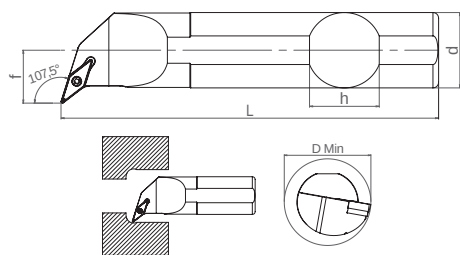
Descriptions	Master Insert*	Spare Parts			
		Screw 	Shim 	Shim Screw 	Torx Key
S10.. - S12	DCM. 0702..	SSV M2.5x6- 9505	-		STK-T08- 9908
S16.. - S25..	DCM. 11T3..	SSV M3.5x10- 9511			STK-T15- 9910
S25(S).. S32.. - S40..		SSV M3.5x12- 9526	BAX DC11- 9613	SBV5 M5x0.5 A3.5x9- 9408	
		SSV M3.5x14- 9512		SBV M5x0.5 A3.5x11- 9407	

*Suitable Insert is ISO

**Spare Parts Ordering Codes

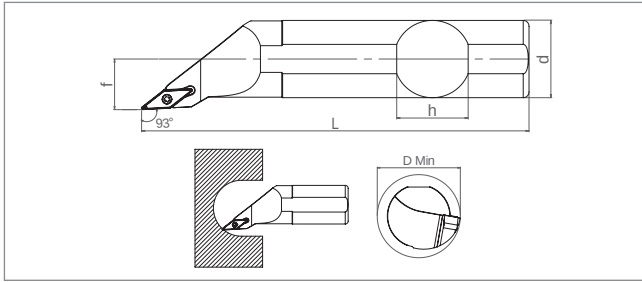


Ordering Code		Item Designation	Dimensions (mm)						Master Insert*
Direction		SVUBR/L(93)	d	h	L	f	L1	D _{min}	
Right	Left								
SM08298	SM08328	S16P SVUBR/L-11	16	15	170	13	-	≥21	VBM. 1103..
SM08267	SM08342	S20R SVUBR/L-11	20	18	200	14.5	-	≥25	
SM08397	SM08441	S25S SVUBR/L-16	25	23	250	19.5	-	≥32	VBM. 1604..
SM39933	SM39971	S25S SVUBR/L-16S	25	23	250	19.5	-	≥32	
SM08410	SM08472	S32T SVUBR/L-16	32	30	300	24	-	≥40	
SM08502	SM08519	S40U SVUBR/L-16	40	37	350	29.5	-	≥50	

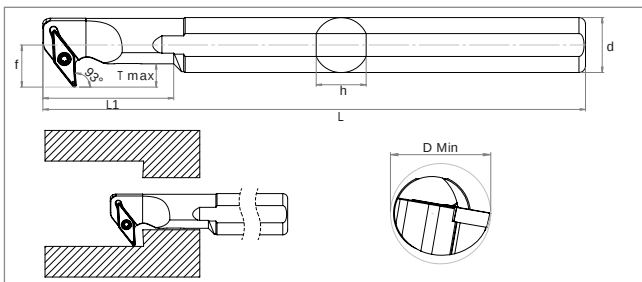


Ordering Code		Item Designation	Dimensions (mm)						Master Insert*
Direction		SVQBR/L(107.5)	d	h	L	f	L1	D _{min}	
Right	Left								
SM08304	SM08366	S16P SVQBR/L-11	16	15	170	13	-	≥21	VBM. 1103..
SM08274	SM08380	S20R SVQBR/L-11	20	18	200	14.5	-	≥25	
SM08403	SM08434	S25S SVQBR/L-16	25	23	250	19.5	-	≥32	VBM. 1604..
SM39926	SM52055	S25S SVQBR/L-16S	25	23	250	19.5	-	≥32	
SM08465	SM08458	S32T SVQBR/L-16	32	30	300	24	-	≥40	
SM08595	SM08601	S40U SVQBR/L-16	40	37	350	29.5	-	≥50	

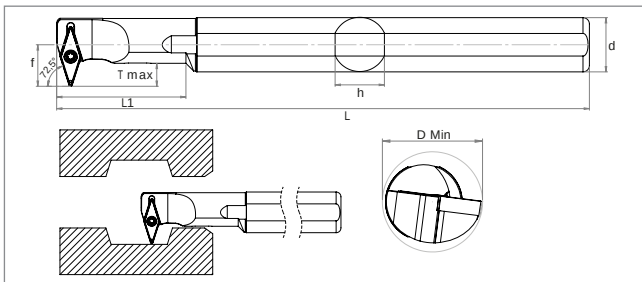
Descriptions	Master Insert*	Spare Parts			
					
					
S16..	VBM. 1103..	SSV M2.5x6-9505	-		STK-T08-9908
S20..	VBM. 1103..	SSV M2.5x7-9506			
S25..	VBM. 1604..	SSV M3.5x10-9511	BAX VB16-9618	SBV5 M5x0.5 A3.5x9-9408	STK-T15-9910
S25(S)..		SSV M3.5x14-9512		SBV M5x0.5 A3.5x11-9407	
S32.. - S40..					



Ordering Code		Item Designation	Dimensions (mm)						Master Insert*
Direction		SVJBR/L(93)	d	h	L	f	L1	D min	 VBM. 1604..
Right	Left								
SM08533	SM08540	S25S SVJBR/L-16	25	23	250	19.5	-	≥32	
SM49505	SM49499	S25S SVJBR/L-16S	25	23	250	19.5	-	≥32	
SM08564	SM08571	S32T SVJBR/L-16	32	30	300	24	-	≥40	
SM08618	SM08625	S40U SVJBR/L-16	40	37	350	29.5	-	≥50	



Ordering Code		Item Designation	Dimensions (mm)							Master Insert*	
Direction		SVXBR/L(52)	d	h	L	f	L1	T _{max}	D _{min}		
Right	Left										
SM08281	SM08335	S16P SVXBR/L-11	16	15	170	13	50	7.5	≥21		VBM. 1103..
SM08311	SM08359	S20R SVXBR/L-11	20	18	200	15	50	9	≥25		
SM08427	SM08489	S25S SVXBR/L-16	25	23	250	19.5	60	10.2	≥32		VBM. 1604..
SM39964	SM39957	S25S SVXBR/L-16S	25	23	250	19.5	60	10.2	≥32		
SM08496	SM08557	S32T SVXBR/L-16	32	30	300	24	70	10.5	≥40		
SM08526	SM08588	S40U SVXBR/L-16	40	37	350	29.5	-	-	≥50		

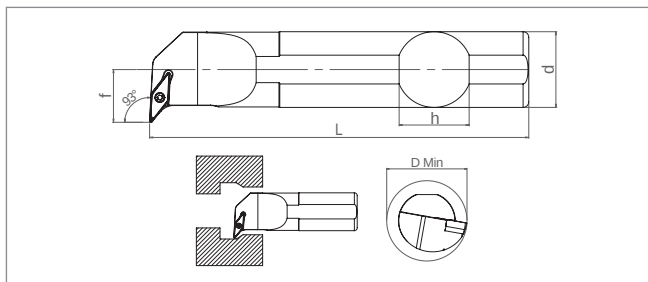


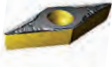
Ordering Code		Item Designation	Dimensions (mm)							Master Insert*
Direction		SV-BR/L(72.5)	d	h	L	f	L1	T _{max}	D _{min}	
Right	Left									
SM34709	SM34716	S25S SV-BR/L-16	25	23	250	19.5	60	10.2	≥32	
SM34723	SM34730	S32T SV-BR/L-16	32	30	300	24	70	10.5	>40	

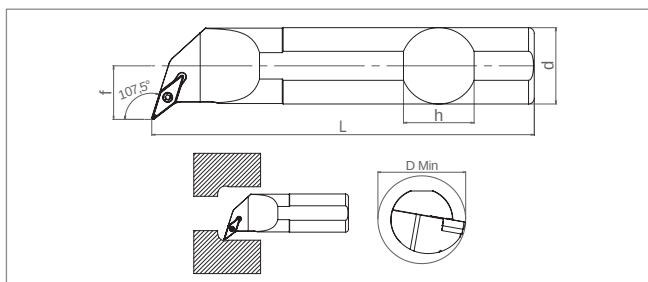
Descriptions	Master Insert*	Spare Parts			
					
S16.. - S20	VBM. 1103..	SSV M2.5x6-9505	-		STK-T08-9908
S25..	VBM. 1604..	SSV M3.5x10-9511	BAX VB16-9618	SBV5 M5x0.5 A3.5x9-9408	STK-T15-9910
S25(S)..		SSV M3.5x14-9512		SBV M5x0.5 A3.5x11-9407	
S32.. - S40..					

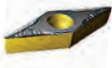
*Suitable Insert is ISO

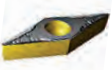
**Spare Parts Ordering Codes

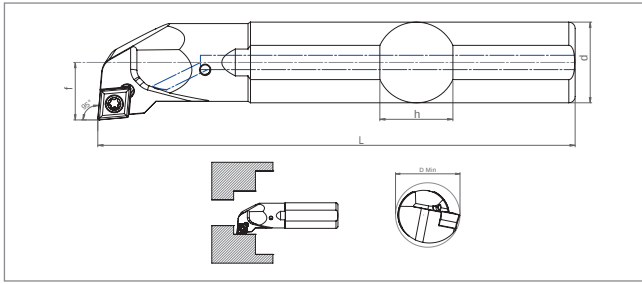


Ordering Code		Item Designation	Dimensions (mm)						Master Insert*
Direction		SVUCR/L(93)	d	h	L	f	L1	D _{min}	
Right	Left								
SM08373	SM08632	S16P SVUCR/L-11	16	15	170	13	-	≥21	VCM. 1103..
SM08656	SM08663	S20R SVUCR/L-11	20	18	200	14.5	-	≥25	
SM08717	SM08724	S25S SVUCR/L-16	25	23	250	19.5	-	≥32	VCM. 1604..
SM39988	SM52017	S25S SVUCR/L-16S	25	23	250	19.5	-	≥32	
SM08731	SM08748	S32T SVUCR/L-16	32	30	300	24	-	≥40	
SM08755	SM08762	S40U SVUCR/L-16	40	37	350	29.5	-	≥50	

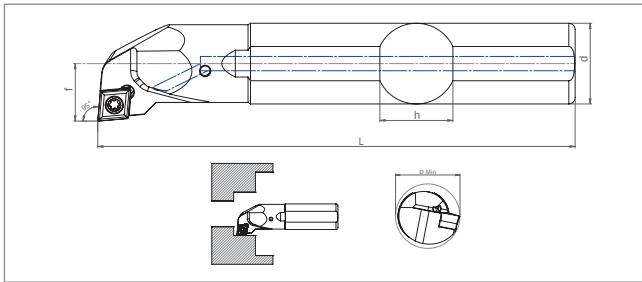


Ordering Code		Item Designation	Dimensions (mm)						Master Insert*
Direction		SVQCR/L(107.5)	d	h	L	f	L1	D _{min}	
Right	Left								
SM08649	SM08694	S16P SVQCR/L-11	16	15	170	13	-	≥21	VCM. 1103..
SM08670	SM08700	S20R SVQCR/L-11	20	18	200	14.5	-	≥25	
SM08779	SM08786	S25S SVQCR/L-16	25	23	250	19.5	-	≥32	VCM. 1604..
SM49475	SM49482	S25S SVQCR/L-16S	25	23	250	19.5	-	≥32	
SM08793	SM08809	S32T SVQCR/L-16	32	30	300	24	-	≥40	
SM08816	SM08823	S40U SVQCR/L-16	40	37	350	29.5	-	≥50	

Descriptions	Master Insert*	Spare Parts			
		Screw	Shim	Shim Screw	Torx Key
S16..	VCM. 1103..	SSV M2.5x6- 9505	-		STK-T08- 9908
S20..		SSV M2.5x7- 9506			
S25..	VCM. 1604..	SSV M3.5x10- 9511	BAX VC16- 9620	SBV5 M5x0.5 A3.5x9- 9408	STK-T15- 9910
S25(S)..					
S32.. - S40..		SSV M3.5x14- 9512			

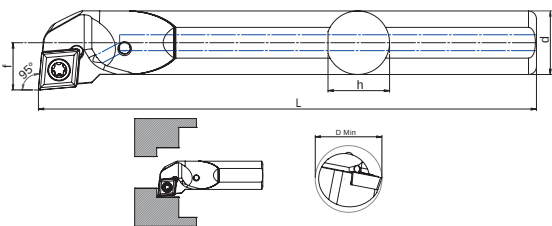


Ordering Code		Item Designation	Dimensions (mm)							Master Insert*
Direction		A-SCLCR/L(95)		d	h	L	f	L1	Dmin	
Right	Left									
SM36376	SM36383	A08H SCLCR/L-06	✓	8	7	100	7	-	≥11	CCM. 0602..
SM36390	SM36406	A10H SCLCR/L-06	✓	10	9	100	8	-	≥13	
SM36413	SM36420	A12H SCLCR/L-06	✓	12	11	100	10	-	≥16	
SM36437	SM36444	A16M SCLCR/L-09	✓	16	15	150	13	-	≥21	CCM. 09T3..
SM36451	SM36468	A20P SCLCR/L-09	✓	20	18	170	14.5	-	≥25	
SM36475	SM36482	A25R SCLCR/L-09	✓	25	23	200	19.5	-	≥32	
SM36499	SM36505	A32S SCLCR/L-09	✓	32	30	250	24	-	≥40	



Ordering Code		Item Designation	Dimensions (mm)							Master Insert*
Direction		A-SCLCR/L(95) SET		d	h	L	f	L1	D min	
Right	Left									
SM60050	SM60067	A08H SCLCR/L-06		8	7	100	7	-	≥11	CCM. 0602..
		A10H SCLCR/L-06		10	9	100	8	-	≥13	
		A12H SCLCR/L-06		12	11	100	10	-	≥16	
		A16M SCLCR/L-09		16	15	150	13	-	≥21	CCM. 09T3..

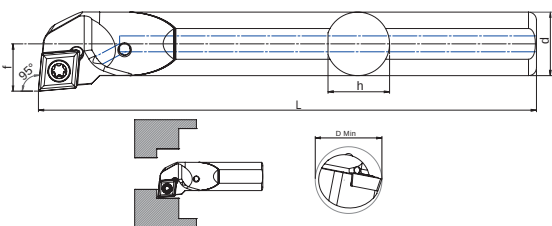
Descriptions	Master Insert*	Spare Parts			
		Screw	Shim	Shim Screw	Torx Key
A0608.. - A08	CCM. 0602..	SSV M2.5x5- 9504	-	-	STK-T08- 9908
A10.. - A12		SSV M2.5x6- 9505			
A12.. - A16		SSV M3.5x8- 9510			
A20.. - A20..	CCM. 09T3..	SSV M3.5x8- 9510	BAX CC09- 9616	SBV5 M5x0.5 A3.5x9- 9408	STK-T15- 9910
A25..		SSV M3.5x10- 9511			
A32..		SSV M3.5x10- 9511			



JetBar

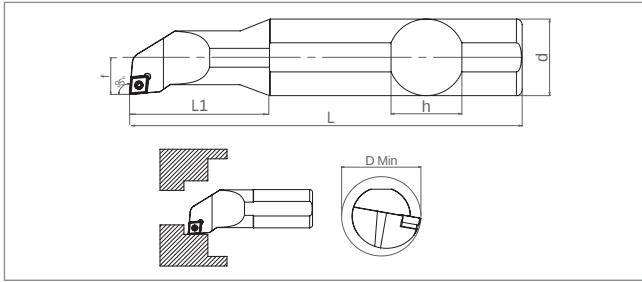


Ordering Code		Item Designation	Dimensions (mm)							Master Insert*
Direction		<i>E-SCLCR/L(95)</i>		<i>d</i>	<i>h</i>	<i>L</i>	<i>f</i>	<i>L1</i>	<i>D_{min}</i>	
Right	Left									
SM60074	SM60135	E08K SCLCR/L-06	✓	8	7.5	125	6	11	≥13	CCM. 0602..
SM60081	SM60142	E10M SCLCR/L-06	✓	10	9.5	150	8	13	≥16	
SM60098	SM60159	E12Q SCLCR/L-06	✓	12	11	180	10	16	≥21	
SM60104	SM60166	E12Q SCLCR/L-09	✓	12	11	180	10	16	≥25	CCM. 09T3
SM60111	SM60173	E16R SCLCR/L-09	✓	16	15	200	13	21	≥21	
SM60128	SM60180	E20S SCLCR/L-09	✓	20	19	250	15	25	≥25	

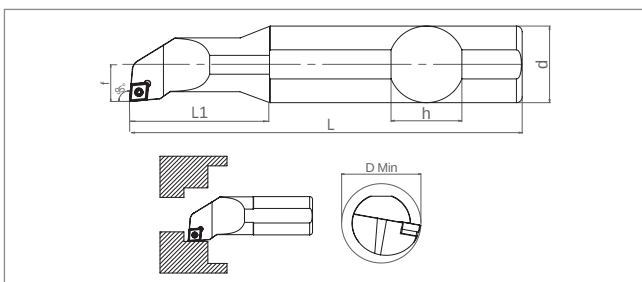


Ordering Code		Item Designation	Dimensions (mm)							Master Insert*
Direction		<i>E-SCLCR/L(95)</i> SET		<i>d</i>	<i>h</i>	<i>L</i>	<i>f</i>	<i>L1</i>	<i>D_{min}</i>	
Right	Left									
SM60197	SM60203	E08K SCLCR/L-06	✓	8	7.5	125	6	11	≥13	CCM. 0602..
		E10M SCLCR/L-06	✓	10	9.5	150	8	13	≥16	
		E12Q SCLCR/L-06	✓	12	11	180	10	16	≥21	
		E16R SCLCR/L-09	✓	16	15	200	13	21	≥21	CCM. 09T3

Descriptions	Master Insert*	Spare Parts			
		Screw 	Shim 	Shim Screw 	Torx Key
E08..	CCM. 0602..	SSV M2.5x5- 9504	-	-	STK-T08- 9908
E10.. - E12		SSV M2.5x6- 9505			
E16..	CCM. 09T3..	SSV M3.5x8- 9510	-		STK-T15- 9910



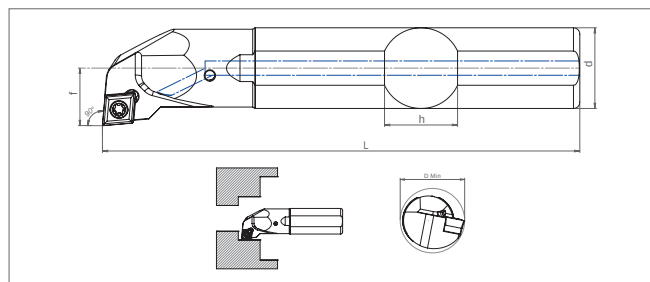
Ordering Code		Item Designation	Dimensions (mm)						Master Insert*
Direction		SCLCR/L(95)	d	h	L	f	L1	D _{min}	
Right	Left								
SM64379	SM64386	S05x08H SCLCR/L-03	8	5	100	3	18	≥6	CCM.0302.
SM06393	SM06461	S06x08H SCLCR/L-06	6	7	100	5	25	≥8	CCM. 0602..
SM06317	SM06362	S08H SCLCR/L-06	8	7	100	7	-	≥11	
SM06324	SM06331	S10K SCLCR/L-06	10	9	125	8	-	≥13	
SM06348	SM06355	S12K SCLCR/L-06	12	11	125	10	-	≥16	
SM06386	SM26049	S16x10M SCLCR/L-06	16	15	150	8	35	≥13	
SM06379	SM26056	S16x12M SCLCR/L-06	16	15	150	10	35	≥16	
SM00548	SM00555	S16P SCLCR/L-06	16	15	170	13	-	≥21	CCM. 09T3
SM37793	SM37809	S12K SCLCR/L-09	12	11	125	10	-	≥16	
SM06478	SM06485	S16P SCLCR/L-09	16	15	170	13	-	≥21	
SM06492	SM06508	S20R SCLCR/L-09	20	18	200	14.5	-	≥25	
SM06515	SM06522	S25S SCLCR/L-09	25	23	250	19.5	-	≥32	
SM39438	SM39445	S25S SCLCR/L-09S	25	23	250	19.5	-	≥32	
SM06539	SM06546	S32T SCLCR/L-09	32	30	300	24	-	≥40	CCM.1204..
SM49451	SM49468	S25S SCLCR/L-12	25	23	250	19.5	-	≥32	
SM06638	SM06645	S32T SCLCR/L-12	32	30	300	24	-	≥40	
SM06676	SM06683	S40U SCLCR/L-12	40	37	350	29.	-	≥50	



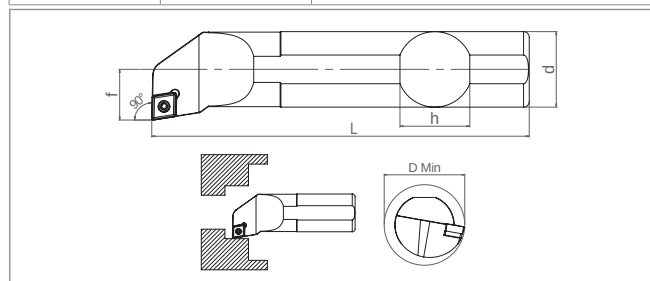
Ordering Code		Item Designation	Dimensions (mm)						Master Insert*
Direction		SCLCR/L(95) SET	d	h	L	f	L1	D _{min}	
Right	Left								
SM60210	SM60227	S08H SCLCR/L-06	8	7	100	7	-	≥11	CCM. 0602..
		S10K SCLCR/L-06	10	9	125	8	-	≥13	
		S12K SCLCR/L-06	12	11	125	10	-	≥16	
		S16P SCLCR/L-09	16	15	170	13	-	≥21	CCM. 09T3

*Suitable Insert is ISO

**Spare Parts Ordering Codes

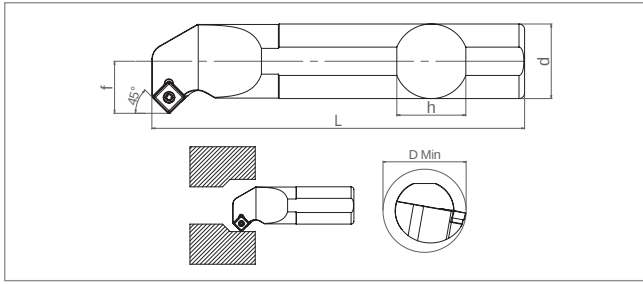


Ordering Code		Item Designation	Dimensions (mm)							Master Insert*
Direction		A-SCFCR/L(90)		d	h	L	f	L1	D _{min}	
Right	Left									
SM73203	SM73210	A08H SCFCR/L-06	✓	8	7	100	7	-	≥11	CCM. 0602..
SM73227	SM73234	A10H SCFCR/L-06	✓	10	9	100	8	-	≥13	
SM73241	SM73258	A12H SCFCR/L-06	✓	12	11	100	10	-	≥16	
SM73265	SM73272	A16M SCFCR/L-09	✓	16	15	150	13	-	≥21	CCM. 09T3..



Ordering Code		Item Designation	Dimensions (mm)							Master Insert*
Direction		SCFCR/L(90)	d	h	L	f	L1	D _{min}		
Right	Left									
SM06409	SM06416	S08H SCFCR/L-06	8	7	100	7	-	≥11	CCM. 0602..	
SM06423	SM06430	S10K SCFCR/L-06	10	9	125	8	-	≥13		
SM06447	SM06454	S12K SCFCR/L-06	12	11	125	10	-	≥16		
SM37816	SM37823	S12K SCFCR/L-09	12	11	125	10	-	≥16	CCM. 09T3..	
SM06553	SM06560	S16P SCFCR/L-09	16	15	170	13	-	≥21		
SM06577	SM06584	S20R SCFCR/L-09	20	18	200	14.5	-	≥25		
SM06591	SM06607	S25S SCFCR/L-09	25	23	250	19.5	-	≥32		
SM06614	SM06621	S25S SCFCR/L-12	25	23	250	19.5	-	≥32	CCM.1204..	
SM06652	SM06669	S32T SCFCR/L-12	32	30	300	24	-	≥40		
SM06690	SM06706	S40U SCFCR/L-12	40	37	350	29.5	-	≥50		

Descriptions	Master Insert*	Spare Parts			
		Screw 	Shim 	Shim Screw 	Torx Key
S0508..	CCM. 0302..	SSV M1.6x3-9546	-	-	STK-T06-9906
S0608.. - S08	CCM. 0602..	SSV M2.5x5-9504	-	-	STK-T08-9908
S10.. - S16		SSV M2.5x6-9505			
S12.. - S20..	CCM. 09T3..	SSV M3.5x8-9510	-	-	STK-T15-9910
S20.. - S25..		SSV M3.5x10-9511			
S25(S)..		SSV M3.5x12-9526			
S32..					
S25..	CCM. 1204..	SSV M4x12x6-9517	-	-	
S32.. - S40..			BAX CC12-9617	SBV4 M6x0.75 A4x9 9411	

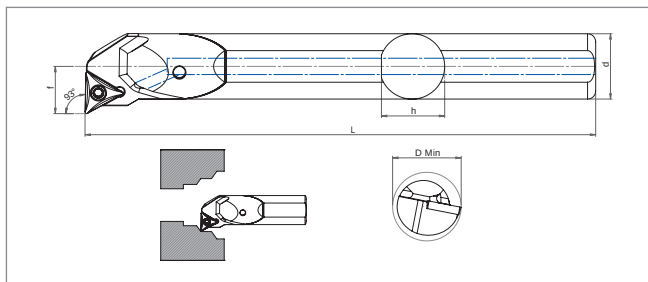


Ordering Code		Item Designation	Dimensions (mm)						Master Insert*
Direction		SSSCR/L(45)	d	h	L	f	L1	D min	
Right	Left								
SM07512	SM07543	S16P SSSCR/L-09	16	15	170	13	-	≥21	SCM. 09T3..
SM07529	SM07550	S20R SSSCR/L-09	20	18	200	14.5	-	≥25	
SM07536	SM07574	S25S SSSCR/L-09	25	23	250	19.5	-	≥32	
SM49512	SM49529	S25S SSSCR/L-12	25	23	250	19.5	-	≥32	SCM. 1204..
SM07604	SM07581	S32T SSSCR/L-12	32	30	300	24	-	≥40	
SM07611	SM07598	S40U SSSCR/L-12	40	37	350	29.5	-	≥50	

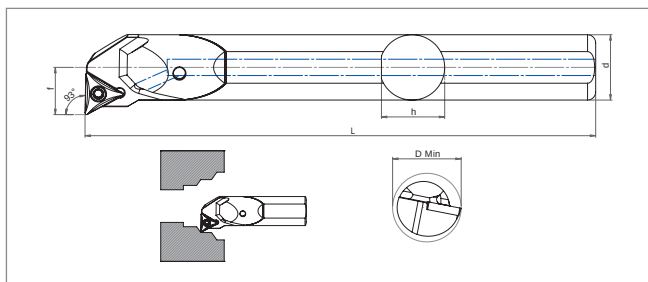
Descriptions	Master Insert*	Spare Parts			
		Screw	Shim	Shim Screw	Torx Key
					
S16.. - S25	SCM. 09T3..	SSV M3.5x10-9511	-	-	STK-T15-9910
S25..	SCM. 1204..	SSV	-		
S32.. - S40..		M4x12x6-9517	BAX SC12-9615	SBV4 M6x0.75 A4x9-9411	

*Suitable Insert is ISO

**Spare Parts Ordering Codes

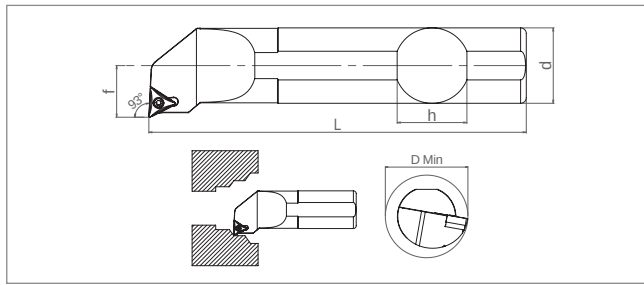


Ordering Code		Item Designation	Dimensions (mm)							Master Insert*
Direction		<i>E-STUCR/L(93)</i>		<i>d</i>	<i>h</i>	<i>L</i>	<i>f</i>	<i>L1</i>	<i>D min</i>	
Right	Left									
SM60234	SM60272	E10M STUCR/L-09	✓	10	9.5	150	8	-	≥13	TCM.0902..
SM60241	SM60289	E12Q STUCR/L-09	✓	12	11	180	10	-	≥16	
SM60258	SM60296	E12Q STUCR/L-11	✓	12	11	180	10	-	≥21	TCM.1102..
SM60265	SM60302	E16R STUCR/L-11	✓	16	15	200	13	-	≥25	

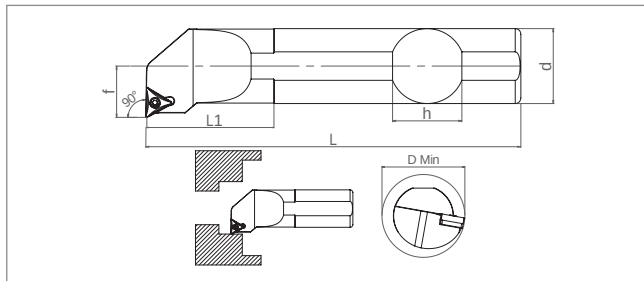


Ordering Code		Item Designation	Dimensions (mm)							Master Insert*
Direction		<i>E-STUCR/L(93)</i> SET		<i>d</i>	<i>h</i>	<i>L</i>	<i>f</i>	<i>L1</i>	<i>D min</i>	
Right	Left									
SM60319	SM60326	E10M STUCR/L-09	✓	10	9.5	150	8	-	≥13	TCM.0902..
		E12Q STUCR/L-09	✓	12	11	180	10	-	≥16	
		E16R STUCR/L-11	✓	16	15	200	13	-	≥25	TCM.1102..

Descriptions	Master Insert*	Spare Parts			
		Screw 	Shim 	Shim Screw 	Torx Key
E10.. - E12..	TCM.0902..	SSV M2.2x5- 9503	-	-	STK-T06- 9906
E16..	TCM.1102..	SSV M2.5x5- 9504			STK-T08- 9908



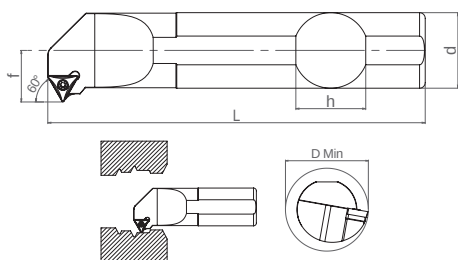
Ordering Code		Item Designation	Dimensions (mm)						Master Insert*
Direction		STUCR/L(93)	d	h	L	f	L1	D _{min}	
Right	Left								
 SM74989	SM74996	S08H STUCR/L-06	8	7	100	7	-	≥11	TCM.06T1..
SM07642	SM07659	S10K STUCR/L-09	10	9	125	8	-	≥13	TCM.0902..
SM07680	SM07697	S12K STUCR/L-09	12	11	125	10	-	≥16	
SM07802	SM07789	S10K STUCR/L-11	10	9	125	8	-	≥13	TCM.1102..
SM07741	SM07772	S12K STUCR/L-11	12	11	125	10	-	≥16	
SM07840	SM07857	S16P STUCR/L-11	16	15	170	13	-	≥21	
SM07901	SM07918	S20R STUCR/L-11	20	18	200	14.5	-	≥25	
SM07963	SM08076	S16P STUCR/L-16	16	15	170	13	-	≥21	TCM.16T3..
SM07970	SM08113	S20R STUCR/L-16	20	18	200	14.5	-	≥25	
SM07987	SM08083	S25S STUCR/L-16	25	23	250	19.5	-	≥32	
SM39483	SM39476	S25S STUCR/L-16S	25	23	250	19.5	-	≥32	
SM08168	SM08175	S32T STUCR/L-16	32	30	300	24	-	≥40	
SM08205	SM08212	S40U STUCR/L-16	40	37	350	29.5	-	≥50	



Ordering Code		Item Designation	Dimensions (mm)						Master Insert*
Direction		STFCR/L(90)	d	h	L	f	L1	D _{min}	
Right	Left								
SM07628	SM07635	S10x06K STFCR/L-06	10	9	125	5	30	≥08	TCM.06T1..
SM07666	SM07673	S10K STFCR/L-09	10	9	125	8	-	≥13	TCM.0902..
SM07703	SM07710	S12K STFCR/L-09	12	11	125	10	-	≥16	
SM07819	SM07796	S10K STFCR/L-11	10	9	125	8	-	≥13	TCM.1102..
SM07826	SM07833	S12K STFCR/L-11	12	11	125	10	-	≥16	
SM07864	SM07871	S16P STFCR/L-11	16	15	170	13	-	≥21	
SM07925	SM07932	S20R STFCR/L-11	20	18	200	14.5	-	≥25	
SM08090	SM08106	S16P STFCR/L-16	16	15	170	13	-	≥21	TCM.16T3..
SM08120	SM08137	S20R STFCR/L-16	20	18	200	14.5	-	≥25	
SM08144	SM08151	S25S STFCR/L-16	25	23	250	19.5	-	≥32	
SM39452	SM39469	S25S STFCR/L-16S	25	23	250	19.5	-	≥32	
SM08182	SM08199	S32T STFCR/L-16	32	30	300	24	-	≥40	
SM08229	SM08236	S40U STFCR/L-16	40	37	350	29.5	-	≥50	

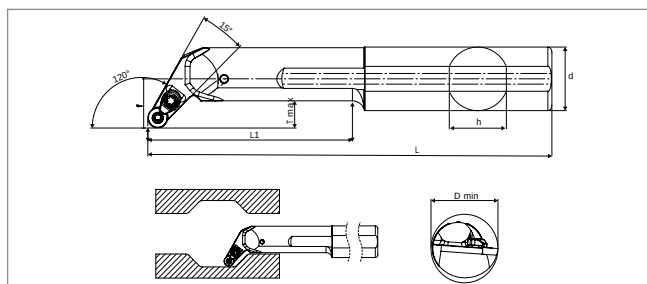
*Suitable Insert is ISO

**Spare Parts Ordering Codes



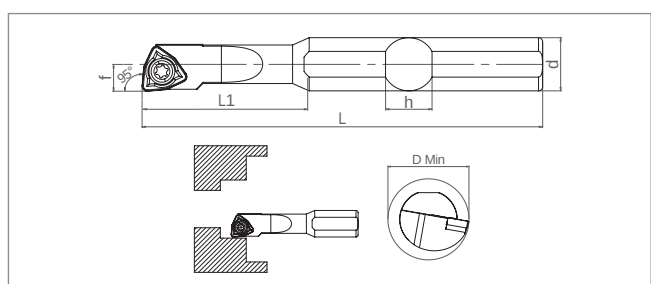
Ordering Code		Item Designation	Dimensions (mm)						Master Insert*
Direction		ST-CR/L(60)	d	h	L	f	L1	D min	
Right	Left								
SM07727	SM07734	S12K ST-CR/L-09	12	11	125	9	-	≥17	TCM.0902..
SM07758	SM07765	S12K ST-CR/L-11	12	11	125	11	-	≥17	
SM07888	SM07895	S16P ST-CR/L-11	16	15	170	13	-	≥21	TCM.1102..
SM07949	SM07956	S20R ST-CR/L-11	20	18	200	15	-	≥25	
SM07994	SM08007	S16P ST-CR/L-16	16	15	170	13	-	≥21	TCM.16T3.
SM08014	SM08021	S20R ST-CR/L-16	20	18	200	15	-	≥25	
SM08038	SM08045	S25S ST-CR/L-16	25	23	250	19.5	-	≥32	
SM08052	SM08069	S32T ST-CR/L-16	32	30	300	24	-	≥40	
SM08243	SM08250	S40U ST-CR/L-16	40	37	350	30	-	≥50	

Descriptions	Master Insert*	Spare Parts			
		<i>Screw</i> 	<i>Shim</i> 	<i>Shim Screw</i> 	<i>Torx Key</i> 
S10x06	TCM.06T1..	SSV M2.2x5-9503	-	-	STK-T06-9906
S10.. - S12..	TCM.0902..				
S10.. - S16..	TCM.1102..	SSV M2.5x5-9504	-	-	STK-T08-9908
S20..		SSV M2.5x7-9506			
S16.. - S25..	TCM.16T3..	SSV M3.5x10-9511	-	-	STK-T15-9910
S25(S)..		SSV M3.5x14-9512	BAX TC16-9619	SBV5 M5x0.5 A3.5x9-9408	
S32.. - S40..				SBV M5.05 A3.5x11-9407	



Ordering Code		Item Designation	Dimensions (mm)								Master Insert*
Direction		SRGCR/L		d	h	L	f	L1	T Max	D min	
Right	Left										
SM73562	SM73593	A16M SRGCR/L-08		16	15	150	13	65	7.5	≥21	RC.T 0803..
SM73579	SM73609	A20P SRGCR/L-08		20	18	170	15	65	9	≥25	
SM73586	SM73616	A25R SRGCR/L-08		25	23	200	19.5	80	10.2	≥32	
SM73487	SM73524	S16M SRGCR/L-08	-	16	15	150	13	65	7.5	≥21	
SM73494	SM73531	S20P SRGCR/L-08	-	20	18	170	15	65	9	≥25	
SM73500	SM73548	S25R SRGCR/L-08	-	25	23	200	19.5	80	10.2	≥32	
SM73517	SM73555	S32S SRGCR/L-08	-	32	30	250	24	95	13	≥40	

Descriptions	Master Insert*	Spare Parts				
		Insert Screw	Clamp Screw	Clamp	Torx Key	Torx Key
S16..	RC.T 0803..	SSV M3x6- 9507	SSV M3.5x11- 9532	PSK4- 9128	STK-T15 9910	STK-T08 9908
S20.. - S32..		SSV M3x7- 9527				



Ordering Code		Item Designation	Dimensions (mm)						Master Insert*
Direction		SWLCR/L(95)	d	h	L	f	L1	D min	
Right	Left								
SM08854	SM08830	S0608H SWLCR/L-03	8	7	100	4	25	≥08	WCM.0302..
SM08861	SM08847	S0810K SWLCR/L-03	10	9	125	6	30	≥10	

Descriptions	Master Insert*	Spare Parts			
		Screw	Shim	Shim Screw	Torx Key
S0608.. - S0810..	WCM.0302..	SSV M2.5x5-T06- 9540	-	-	STK-T08- 9908

*Suitable Insert is ISO

**Spare Parts Ordering Codes

