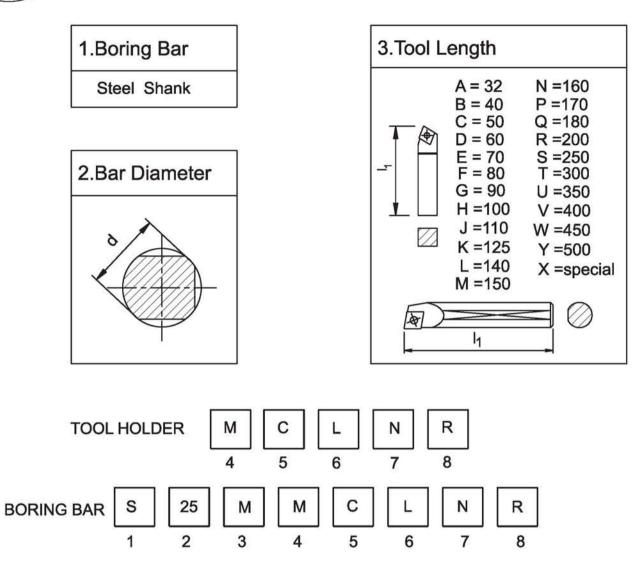
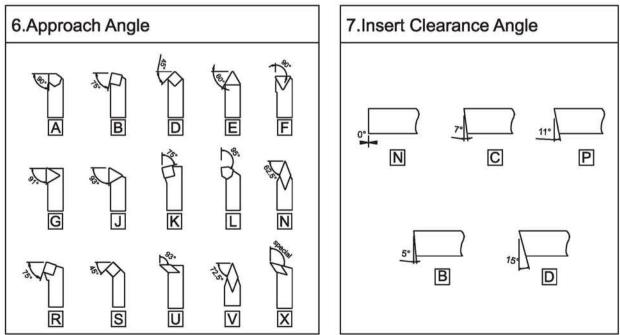
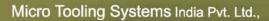
ISO TOOL HOLDER IDENTIFICATION

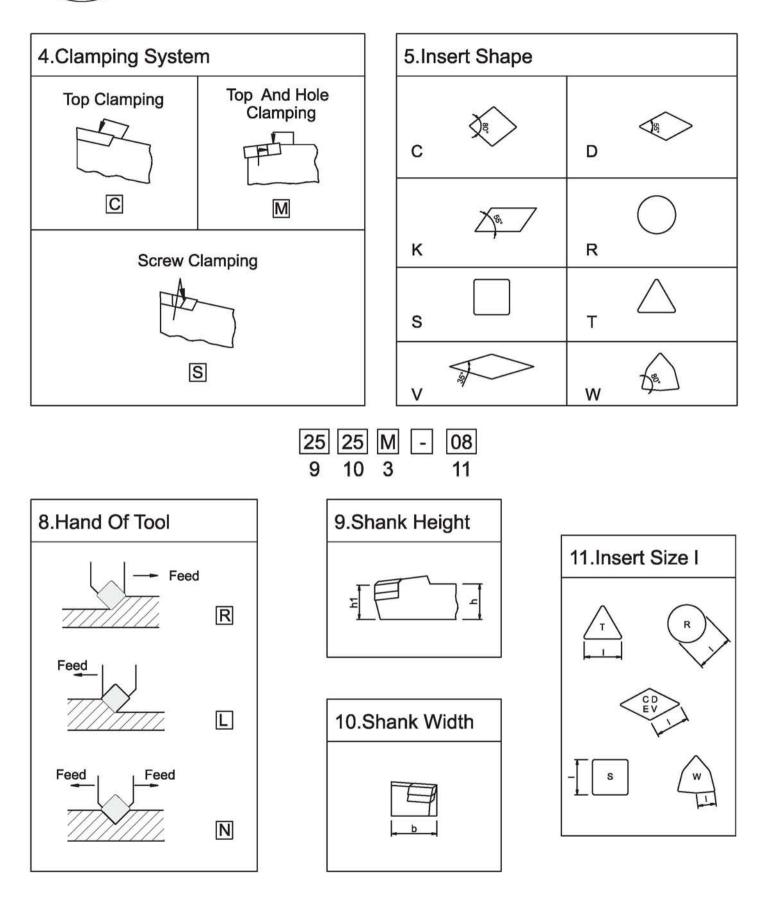






THE POOLING PEOP

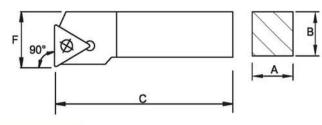
ISO TOOL HOLDER IDENTIFICATION



TOOL HOLDERS - EXTERNAL



STFC 90 Deg



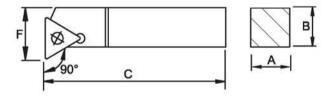
Order No. Right & Left Hand	Insert -		Dime	nsions	Parts		
		A	В	С	F	Screw	Key
STFCR/L-0808H09	TCMT0902	8	8	100	10	Ø2.2x.45	T-7
STFCR/L-1010H09	TCMT0902	10	10	100	12	Ø2.2x.45	T-7
STFCR/L-1212H11	TCMT1102	12	12	100	16	Ø2.5x.45	T-8
STFCR/L-1616H11	TCMT1102	16	16	100	20	Ø2.5x.45	T-8

SCLC 95 Deg

F 95: 8	В
- C	-

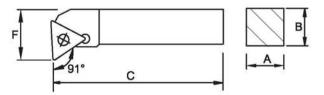
Order No.	Insert		Dime	nsions	Parts		
Right & Left Hand		Α	В	C	F	Screw	Key
SCLCR/L-0808H06	CCMT0602	8	8	100	10	Ø2.5x.45	T-8
SCLCR/L-1010H06	CCMT0602	10	10	100	12	Ø2.5x.45	T-8
SCLCR/L-1212H09	CCMT09T3	12	12	100	16	Ø4.0x.70	T-15
SCLCR/L-1616H09	CCMT09T3	16	16	100	20	Ø4.0x.70	T-15
SCLCR/L-2020K09	CCMT09T3	20	20	125	25	Ø4.0x.70	T-15
SCLCR/L-2525M09	CCMT09T3	25	25	150	32	Ø4.0x.70	T-15
SCLCR/L-2020K12	CCMT1204	20	20	125	25	Ø4.5x.75	T-20
SCLCR/L-2525M12	CCMT1204	25	25	150	32	Ø4.5x.75	T-20

SCAC 90 Deg



Order No. Right & Left Hand	Insert		Dime	nsions	Parts		
		Α	В	С	F	Screw	Key
SCACR/L-0808H06	CCMT0602	8	8	100	8.5	Ø2.5x.45	T-8
SCACR/L-1010H06	CCMT0602	10	10	100	10.5	Ø2.5x.45	T-8
SCACR/L-1212H09	CCMT09T3	12	12	100	12.5	Ø4.0x.70	T-15

SCGC 91 Deg

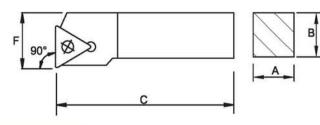


Order No. Right & Left Hand	insert		Dime	nsions	Parts		
		A	В	С	F	Screw	Key
SCGCR/L-0808H06	CCMT0602	8	8	100	10	Ø2.5x.45	T-8
SCGCR/L-1010H06	CCMT0602	10	10	100	12	Ø2.5x.45	T-8
SCGCR/L-1212H09	CCMT09T3	12	12	100	16	Ø4.0x.70	T-15
SCGCR/L-1616H09	CCMT09T3	16	16	100	20	Ø4.0x.70	T-15

TOOL HOLDERS - EXTERNAL



STFC 90 Deg



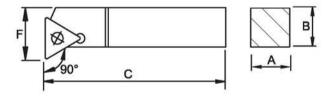
Order No. Right & Left Hand	Insert		Dime	nsions	Parts		
		A	В	C	F	Screw	Key
STFCR/L-0808H09	TCMT0902	8	8	100	10	Ø2.2x.45	T-7
STFCR/L-1010H09	TCMT0902	10	10	100	12	Ø2.2x.45	T-7
STFCR/L-1212H11	TCMT1102	12	12	100	16	Ø2.5x.45	T-8
STFCR/L-1616H11	TCMT1102	16	16	100	20	Ø2.5x.45	T-8

SCLC 95 Deg

F 95° 8	В
- C	

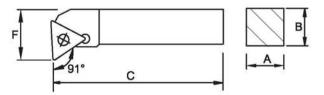
Order No.	Insert		Dime	nsions	Parts		
Right & Left Hand		А	В	C	F	Screw	Key
SCLCR/L-0808H06	CCMT0602	8	8	100	10	Ø2.5x.45	T-8
SCLCR/L-1010H06	CCMT0602	10	10	100	12	Ø2.5x.45	T-8
SCLCR/L-1212H09	CCMT09T3	12	12	100	16	Ø4.0x.70	T-15
SCLCR/L-1616H09	CCMT09T3	16	16	100	20	Ø4.0x.70	T-15
SCLCR/L-2020K09	CCMT09T3	20	20	125	25	Ø4.0x.70	T-15
SCLCR/L-2525M09	CCMT09T3	25	25	150	32	Ø4.0x.70	T-15
SCLCR/L-2020K12	CCMT1204	20	20	125	25	Ø4.5x.75	T-20
SCLCR/L-2525M12	CCMT1204	25	25	150	32	Ø4.5x.75	T-20

SCAC 90 Deg



Order No. Right & Left Hand	Insert		Dime	nsions	Parts		
		Α	В	С	F	Screw	Key
SCACR/L-0808H06	CCMT0602	8	8	100	8.5	Ø2.5x.45	T-8
SCACR/L-1010H06	CCMT0602	10	10	100	10.5	Ø2.5x.45	T-8
SCACR/L-1212H09	CCMT09T3	12	12	100	12.5	Ø4.0x.70	T-15

SCGC 91 Deg



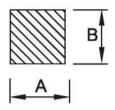
Order No. Right & Left Hand	insert		Dime	nsions	Parts		
		Α	В	С	F	Screw	Key
SCGCR/L-0808H06	CCMT0602	8	8	100	10	Ø2.5x.45	T-8
SCGCR/L-1010H06	CCMT0602	10	10	100	12	Ø2.5x.45	T-8
SCGCR/L-1212H09	CCMT09T3	12	12	100	16	Ø4.0x.70	T-15
SCGCR/L-1616H09	CCMT09T3	16	16	100	20	Ø4.0x.70	T-15



TOOL HOLDERS - EXTERNAL

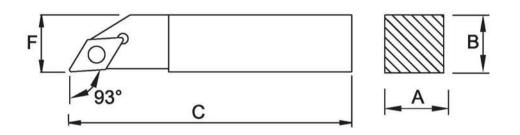
THE TOOLING PEON

F 07 107.5° C



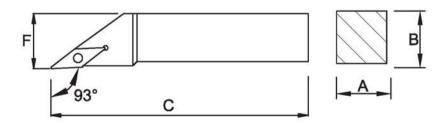
SDQC 107.5 Deg

Order No.	Insert		Dime	nsions	Parts		
Right & Left Hand		Α	В	С	F	Screw	Key
SDQCR/L-1010H07	DCMT0702	10	10	100	12	Ø2.5x.45	T-8
SDQCR/L-1212H11	DCMT11T3	12	12	100	16	Ø4.0x.70	T-15
SDQCR/L-1616H11	DCMT11T3	16	16	100	20	Ø4.0x.70	T-15
SDQCR/L-2020K11	DCMT11T3	20	20	125	25	Ø4.0x.70	T-15
SDQCR/L-2525M11	DCMT11T3	25	25	150	32	Ø4.0x.70	T-15



SDJC-N 93 Deg

Order No.	Insert -		Dime	nsions	Parts		
Right & Left Hand		Α	В	С	F	Screw	Key
SDJCR/L-0808H07N	DCMT0702	8	8	100	8	Ø2.5x.45	T-8
SDJCR/L-1010H07N	DCMT0702	10	10	100	10	Ø2.5x.45	T-8
SDJCR/L-1212H11N	DCMT11T3	12	12	100	12	Ø4.0x.70	T-15
SDJCR/L-1616H11N	DCMT11T3	16	16	100	16	Ø4.0x.70	T-15

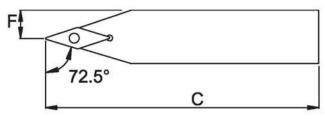


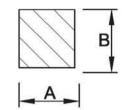
SVJC 93 Deg

Order No.	Insert		Dime	nsions	Parts			
Right & Left Hand	mert	Α	В	С	F	Screw	Key	
SVJCR/L-1010H11	VCMT1103	10	10	100	12	Ø2.5x.45	T-12	
SVJCR/L-1212H11	VCMT1103	12	12	100	16	Ø2.5x.45	T-16	
SVJCR/L-1616H11	VCMT1103	16	16	100	20	Ø2.5x.45	T-20	
SVJCR/L-2020K16	VCMT1604	20	20	125	25	Ø3.5x.60	T-15	
SVJCR/L-2525M16	VCMT1604	25	25	150	32	Ø3.5x.60	T-15	



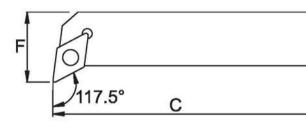
TOOL HOLDERS - EXTERNAL

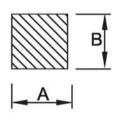




SVVCN 72.5 Deg

Order No.	Insert		Dime	nsions		Pa	arts			
order No.	moert	Α	В	С	F	Screw	Key			
SVVCN-1010H11	VCMT1103	10	10	100	5	Ø2.5x.45	T-8			
SVVCN-1212H11	VCMT1103	12	12	100	6	Ø2.5x.45	T-8			
SVVCN-1616H11	VCMT1103	16	16	100	8	Ø2.5x.45	T-8			
SVVCN-2020K16	VCMT1604	20	20	125	10	Ø3.5x.60	T-15			
SVVCN-2525M16	VCMT1604	25	25	150	12.5	Ø3.5x.60	T-15			





SVPC 117.5 Deg

Order No.	Insert	Dimensions Parts				S	
Right & Left Hand	maert	Α	В	С	F	Screw	Key
SVPCR/L-1010H11	VCMT1103	10	10	100	14.5	Ø2.5x.45	T-8
SVPCR/L-1212H11	VCMT1103	12	12	100	16.5	Ø2.5x.45	T-8
SVPCR/L-1616H11	VCMT1103	16	16	100	20.5	Ø2.5x.45	T-8
SVPCR/L-2020K16	VCMT1604	20	20	125	25	Ø3.5x.60	T-15
SVPCR/L-2525M16	VCMT1604	25	25	150	32	Ø3.5x.60	T-15

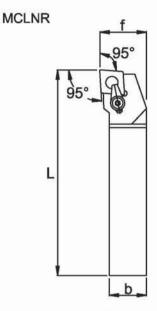


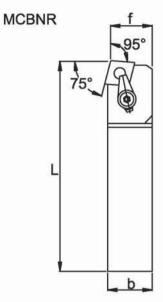
STAC 90 Deg

Order No.	Insert		Dime	nsions		Parts		
Right & Left Hand	moert	A	В	С	F	Screw	Key	
STACR/L-0808H09	TCMT0902	8	8	100	8.5	Ø2.2x.45	T-7	
STACR/L-1010H09	TCMT0902	10	10	100	10.5	Ø2.2x.45	T-7	
STACR/L-1212H11	TCMT1102	12	12	100	12.5	Ø2.5x.45	T-8	
STACR/L-1616H11	TCMT1102	16	16	100	16.5	Ø2.5x.45	T-8	



Toolholders for inserts CNMM and CNMG





		\triangle								
Application	Application		Part No.	h	b	L	f	Insert CNM		
95°			MCLNR/L2020K 12	20	20	125	25			
	1			12	MCLNR/L2525M 12	25	25	150	32	CNM 12
			MCLNR/L3232P 12	32	32	170	40			
	¢‡									
75°			MCLNR/L2020K 12	20	20	125	25			
		12	MCLNR/L2525M 12	25	25	150	32	CNM 12		
			MCLNR/L3232P 12	32	32	170	40			
	t									

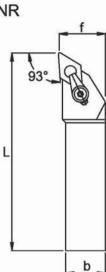
Spare Parts

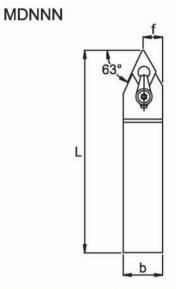
Insert	Centre screw	Clamp	Clamp screw	
80°	w	IDIA	UNBRAKO	Note: We can suit ISO insert any make like
CNM 12	73386473	73085868	M6X20L	SANDVIK, SECO, WIDIA, KORLOY, MITSUIBISHI, ISCAR, TAEGUTEC, PLANSEE TIZIT, KYOCERA etc.



TURNING - TOOL HOLDRES, EXTERNAL ISO







Tool holders for inserts DNMM and DNMG

	550			L.	Incorte DNM		
Application		Part No.	h	Ь	L.	f	Inserts DNM
		MDJNR/L2020K 11	20	20	125	25	
93°	11	11 MDJNR/L2525M 11 25 25	25	150	32	DNM 11	
27°max		MDJNR/L3232P 11	32	32	170	40	
		MDJNR/L2020K 15	20	20	125	25	DNM 15
	15	MDJNR/L2525M 15	25	25	150	32	
		MDJNR/L3232P 15	32	32	170	40	
63°		MDNNN 2020K 11	20	20	125	10	
	11	MDNNN 2525M 11	25	25	150	12.5	DNM 11
60°max		MDNNN 3232P 11	32	32	170	16	
		MDNNN 2020K 15	20	20	125	10	
	15	MDNNN 2525M 15	25	25	150	12.5	DNM 15
		MDNNN 3232P 15	32	32	170	16	

Spare Parts

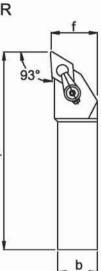
Insert	Centre screw	Clamp	Clamp screw		
55	w	WIDIA UNBRAKO			
DNM 11	73386472	73085868	M6X15L		
DNM 15	73386473	73331361	M5X20L		

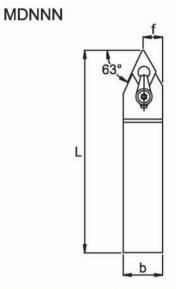


TURNING - TOOL HOLDRES, EXTERNAL ISO



L





Tool holders for inserts DNMM and DNMG

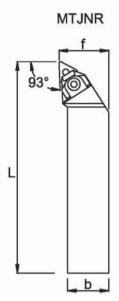
	Part No.			Dimensions in mm				
Application		Part No.	h	ь	L	f	Inserts DNM	
		MDJNR/L2020K 11	20	20	125	25		
93°	11	MDJNR/L2525M 11	25	25	150	32	DNM 11	
P↓ 27°max		MDJNR/L3232P 11	32	32	170	40		
		MDJNR/L2020K 15	20	20	125	25	25 32 40	
	15	MDJNR/L2525M 15	25	25	150	32		
		MDJNR/L3232P 15	32	32	170	40		
63°		MDNNN 2020K 11	20	20	125	10		
	11	MDNNN 2525M 11	25	25	150	12.5	DNM 11	
60°max		MDNNN 3232P 11	32	32	170	16		
		MDNNN 2020K 15	20	20	125	10		
	15	MDNNN 2525M 15	25	25	150	12.5	DNM 15	
		MDNNN 3232P 15	32	32	170	16		

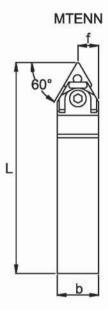
Spare Parts

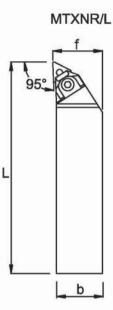
Insert	Centre screw	Clamp	Clamp screw		
55	w	WIDIA UNBRAKO			
DNM 11	73386472	73085868	M6X15L		
DNM 15	73386473	73331361	M5X20L		



Toolholders for inserts TNMM and TNMG







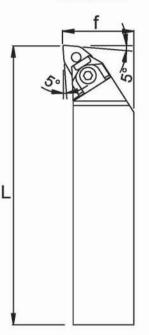
	\wedge	Part No.	Dimension		ons in mm	Į.	Inserts TNM
	\bigtriangleup	Fait NO.	h	b	L	f	
93°		MTJNR/L 2020K 16	20	20	125	25	
	16	MTJNR/L 2525M 16 25 25 MTJNR/L 3232P 16 32 32 MTJNR/L 2525M 22 25 25	150	32	TNM 16		
		MTJNR/L 3232P 16	32	32	170	40	1
	22	MTJNR/L 2525M 22	25	25	150	32	TNM 22
	22	MTJNR/L 3232P 22	32	32	170	40	
60°		MTENN 2020K 16	20	20	125	10	
	16	MTENN 2525M 16	25	25	150	12.5	TNM 16
55°		MTENN 3232P 16	32	32	170	16	
	22	MTENN 2525M 22	25	25	150	32	7111.00
	22	MTENN 3232P 22	32	32	170	40	TNM 22

Spare Parts - WIDIA

Insert	Centre Pin	Centre Pin Clamp					
\square		WIDIA					
TNM 16	73386472	73076676	73080001				
TNM 22	73386473	73076677	73080001				

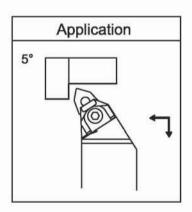








Right-hand Shown



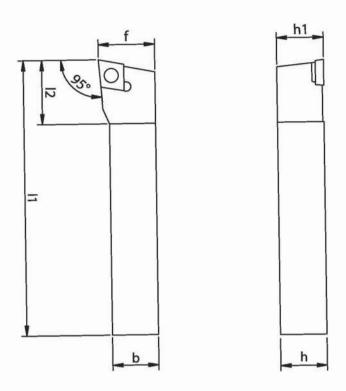
b

Part No.		2			
	h	b	L	f	Inserts WN
MWLNR/L 2020-K06	20	20	125	25	
MWLNR/L 2525-M06	25	25	150	32	0603
MWLNR/L 3232-P06	32	32	170	40	
MWLNR/L 2020-K08	20	20	125	25	
MWLNR/L 2525-M08	25	25	150	32	0804
MWLNR/L3232-P08	32	32	170	40	

Spare Parts -WIDIA

Insert	Centre pin	Clamp	Clamp screw
WNMG 0603	73386472	73085868	M6X15L
WNMG 0804	73386473	73085998	M8X20L





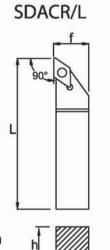
Part No	D	imensio	ons in m	Inserts CC T		
	b	h	L	f		
SCLCR/L 1010-E06	10	10	70	12	0602	
SCLCR/L 1212-F09	12	12	80	16	09T3	
SCLCR/L 1616-H09	16	16	100	20	0913	
SCLCR/L 2020-K12	20	20	125	25	1204	
SCLCR/L 2525-M12	25	25	150	32		

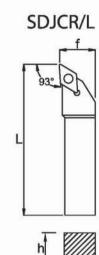
Part No.		Dimensio			
	b	h1	L	f	Inserts CC_T
SCACL 1212D09	12	12	80	12.5	
SCACL1616H09	16	16	100	16.5	09T3
SCACL 2020K09	20	20	125	20.5	

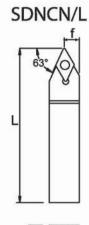
Spare Parts

Insert	Insert screw	Torx key
CCMT 060204	M2.5 X 0.45	Т8
CCMT 09T308	M3.5 X 0.60	T 15
CCMT 120408	M4.0 X 0.70	T 20



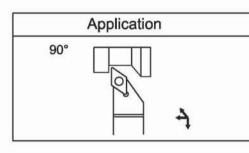




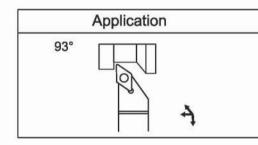


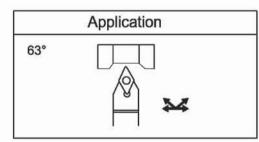


Right-hand Shown



Part No.		Dimensio			
	b	h	L	f	Inserts DC_T
SDACR/L 1212-F11	12	12	80	12.5	0702
SDACR/L 1616-H11	16	16	100	16.5	- 11T3
SDACR/L 2020-K11	20	20	125	20.5	





Part No.		Dimensio	Inserts DC T		
Fait NO.	b	h	L	f	Insens DO_1
SDJCR/L 1212-F07	12	12	80	16	0702
SDJCR/L 1616-H11	16	16	100	20	
SDJCR/L 2020-K11	20	20	125	25	11T3
SDJCR/L 2525-M11	25	25	150	32	

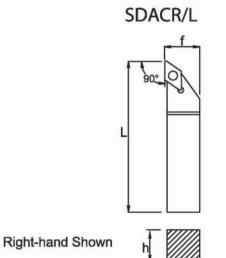
Part No.		Dimensio	Incosto DO T		
	b	h	L	f	Inserts DC_T
SDNCN 1212-H11	12	12	100	6	11T3.,
SDNCN 1616-H11	16	16	100	8	11T3
SDNCN 2020-K11	20	20	125	10	

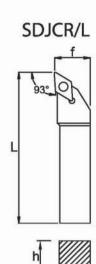
Spare Parts

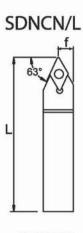
Insert	Insert screw	Torx key
DCMT 0702	M2.5 x 0.45	Т8
DCMT 11T3	M3.5 X 0.60	T 15

Note:



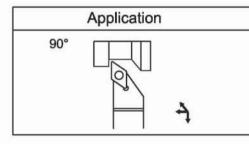




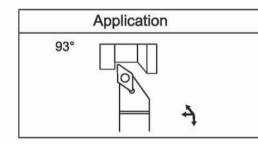


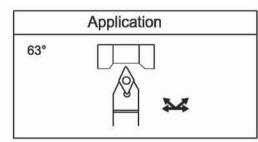


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Deck No		hands DO T			
Part No.	b	h	L	f	Inserts DC_T
SDACR/L 1212-F11	12	12	80	12.5	0702
SDACR/L 1616-H11	16	16	100	16.5	- 11T3
SDACR/L 2020-K11	20	20	125	20.5	





Part No.		Dimensio	lagate DC T		
	b	h	Ĺ	f	Inserts DC_T
SDJCR/L 1212-F07	12	12	80	16	0702
SDJCR/L 1616-H11	16	16	100	20	
SDJCR/L 2020-K11	20	20	125	25	11T3
SDJCR/L 2525-M11	25	25	150	32	

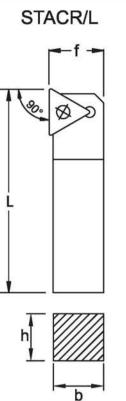
Part No.		Dimensio	Inserts DC_T		
	b	h	L	f	Insens DO_1
SDNCN 1212-H11	12	12	100	6	11T3.,
SDNCN 1616-H11	16	16	100	8	11T3
SDNCN 2020-K11	20	20	125	10	

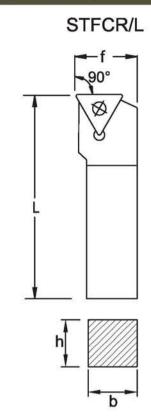
Spare Parts

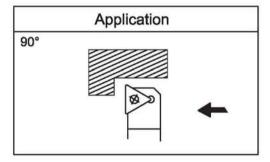
Insert	Insert screw	Torx key
DCMT 0702	M2.5 x 0.45	Т8
DCMT 11T3	M3.5 X 0.60	T 15

Note:



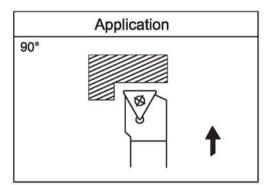






Right-hand Shown

Part No.	Dim	ensio	ns in	Inserts	
Fart NO.	b	h	L	f	TCMT
STACR/L 1212-F11	12	12	80	12.5	1102
STACR/L 1616-H11	16	16	100	16.5	1102
STACR/L 2020-K16	20	20	125	20.5	16T3
STACR/L 2525-M16	25	25	150	25.5	1013

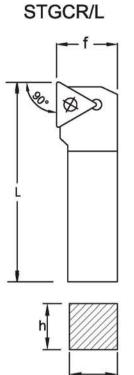


Part No.	Dim	ensio	ns in	Inserts	
	b	h	L	f	TCMT
STFCR/L 1212-F11	12	12	80	16	1102
STFCR/L 1616-H11	16	16	100	20	1102
STFCR/L 1616-H16	16	16	100	20	
STFCR/L 2020-K16	20	20	125	25	16T3
STFCR/L 2525-M16	25	25	150	32	

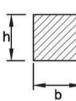
Spare Parts

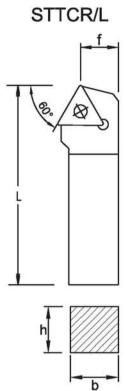
Insert	Insert screw	Trox key
TcmT 1102	M2.5 X 0.45	Т 8
TcmT 16T3	M3.5 X 0.60	T 15

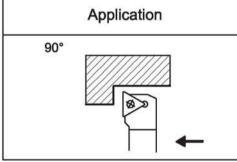




Right-hand Shown







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		/ & }	4	

Part No.		Inserts TCMT			
Tarrio.	b	h	Ĺ	f	
STGCR/L 1212-F11	12	12	80	16	1102
STGCR/L 1616-H11	16	16	100	20	1102
STGCR/L 2020-K16	20	20	125	25	1672
STGCR/L 2525-M16	25	25	150	32	- 16T3

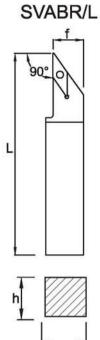
Part No.		Dimensio	Inserts TCMT		
T dit Ho.	b	h	L	f	
STTCR/L 1616-H11	16	16	100	13	1102
STTCR/L 1616-H16	16	16	100	13	
STTCR/L 2020-K16	20	20	125	17	16T3
STTCR/L 2525-M16	25	25	150	24	

Spare parts

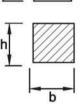
Insert	Insert screw	Trox key
TCMT 1102	M2.5 X 0.45	Т 8
TCMT 16T3	M3.5 X 0.60	T 15

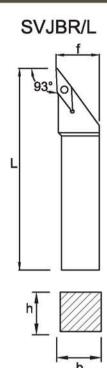
Note:

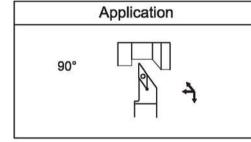




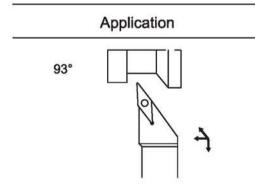
Right-hand Shown







Det Ne	-				
Part No.	b	h	L	f	InsertsVB.T
SVABR/L 1616-H16	16	16	100	15	
SVABR/L 2020-K16	20	20	125	19	1604
SVABR/L 2525-M16	25	25	150	24]

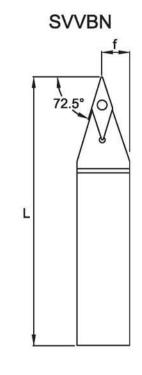


Ded No					
Part No.	b	h	L	f	Inserts VB.T
SVJBR/L 1616-H11	16	16	100	16	1100
SVJBRL 2020-K11	20	20	125	25	1102
SVJBRL 1616-H16	16	16	100	20	
SVJBRL 2020-K16	20	20	125	25	1604
SVJBRL 2525-M16	25	25	150	32	1

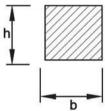
Spare parts

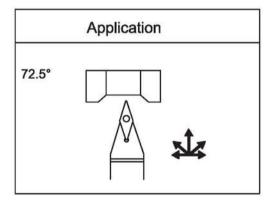
Insert	Insert screw	Trox key
VBMT 1102	M2.5 x 0.45	Т8
VBMT 1604	M3.5 x 0.60	T 15

ISO TOOL HOLDER IDENTIFICATION



Right-hand Shown





Ded No.		lase stal//P_T			
Part No.	b	h	L	f	InsertsVB.T
SVVBN 1616-H11	16	16	100	8.3	1102
SVVBN 2020-K11	20	20	125	10.3	1102
SVVBN 1616-H16	16	16	100	8.3	
SVVBN 2020-K16	20	20	125	10.6	1604
SVVBN 2525-M16	25	25	150	12.5	

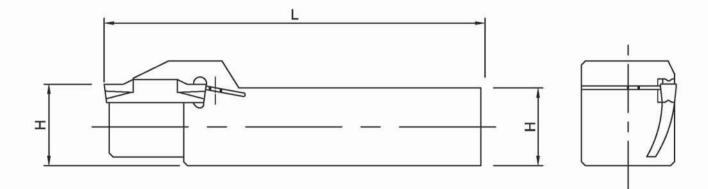
Spare parts

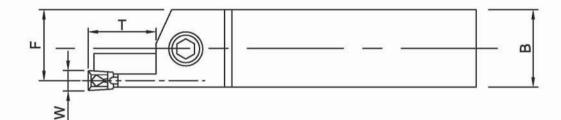
OLING

Insert	Insert screw	Trox key		
VBMT 1102	M2.5 x 0.45	Т8		
VBMT 16T3	M3.5 x 0.60	T 15		



EXTERNAL FACE GROOVING HOLDERS



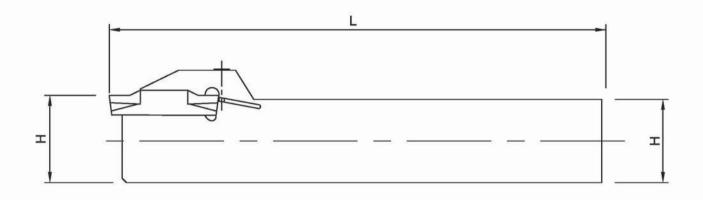


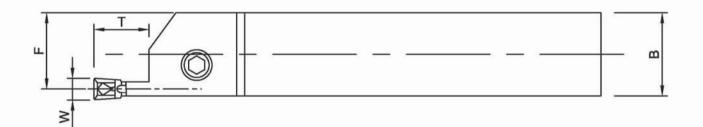
Designation	н	В	L	F	w	T max
FGTR/L 20-20-3	20	20	125	18.5	3	12
FGTR/L 20-20-4	- 20			19	4	15
FGTR/L 25-30-4	25	25	150	23.5	4	12
FGTR/L 25-40-4						15
FGTR/L 25-50-4						
FGTR/L 25-60-4						
FGTR/L 25-60-6	25	25	150	22.5	6	20
FGTR/L 25-85-6						
FGTR/L 25-150-6						

Note:



EXTERNAL PARTING & TURNING HOLDERS





Designation	н	В	L	F	w	T max
PTR/L 2020-3T09	20	20	125	19	3	10
PTR/L 2525-3T09	25	25	150	14		
PTR/L 2020-4T10	20	20	125	18.5	4	10
PTR/L 2525-4T10	25	25	150	23.5		
PTR/L 2020-5T12	20	20	125	18	5	12
PTR/L 2525-5T12	25	25	150	23		
PTR/L 2020-6T12	20	20	125	17.5	6	12
PTR/L 2525-6T12	25	25	150	22.5		

Note: