

# P C L N R 25 25 M 12

1 2 3 4 5 6 7 8 9

### 1 Clamping System

C	
D	
M	
P	
S	

### 2 Geometry

C		80
D		55
K		55
S		90
T		60
V		35
W		80

### 3 Lead Angle

A		90°	P		117.5°
B		75°	R		75°
D		45°	S		45°
F		90°	V		72.5°
G		90°			
J		93°			
K		75°			
L		95°			
N		63°			

### 4 Clearance Angle

B		5°
C		7°
P		11°
N		0°

### 5 Direction

L	
N	
R	

### 6 Shank

(H)		(B)
-----	--	-----

### 7 Total Length

H	100
K	125
M	150
P	170
S	250

### 8 Edge Length

C	06 09 12 16 19 25	
D	07 11 15	
K	16	
S	09 12 15 19 25	
T	09 11 16 22	
V	11 16 22	
W	06 08	



# S 16 K - S C L C R - 06

1	2	3	4	5	6	7	8	9
	Shank Diameter	Total Length	Clamping System		Lead Angle	Clearance Angle	Direction	
<b>A</b> Steel + Coolant				<b>C</b> Carbide	<b>A</b>	<b>B</b>		
<b>S</b> Steel				<b>F</b>	<b>C</b>			
				<b>J</b>	<b>P</b>			
				<b>K</b>	<b>N</b>			
				<b>L</b>				
				<b>Q</b>				
				<b>U</b>				
				<b>Z</b>				

- TURNING
- GROOVING
- THREADING
- MILLING
- DRILLING
- ENDMILLS
- DRILLS
- SPARE PARTS
- INDEX

TURNING

GROOVING

THREADING

MILLING

DRILLING

ENDMILLS

DRILLS

SPARE PARTS

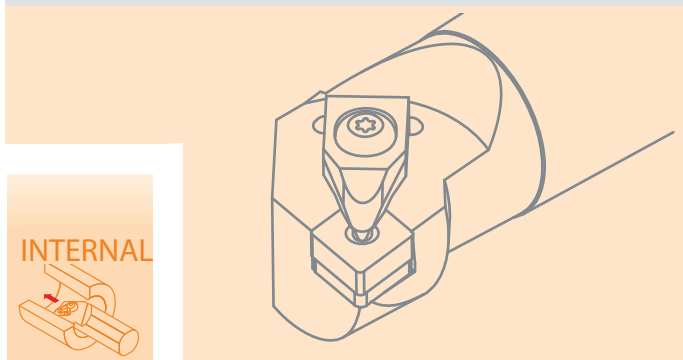
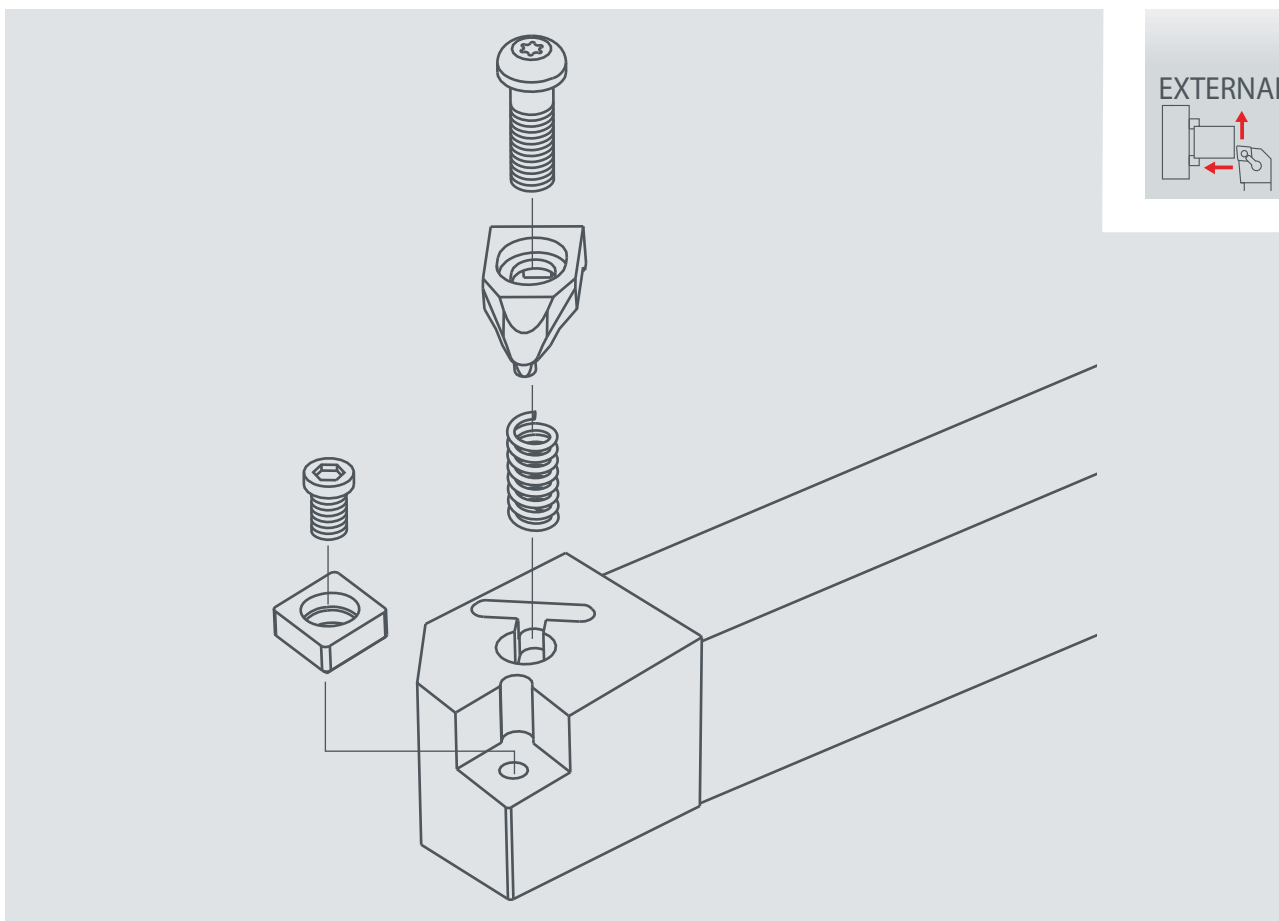
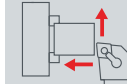
INDEX

### CLAMPING SYSTEM ( NEGATIVE )

Fast Clamping - Ideal for short chip materials

# D

EXTERNAL



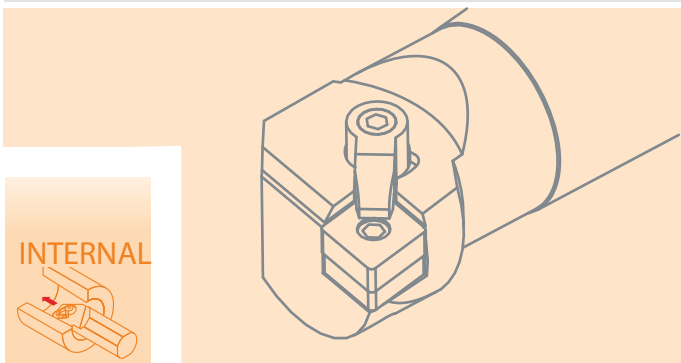
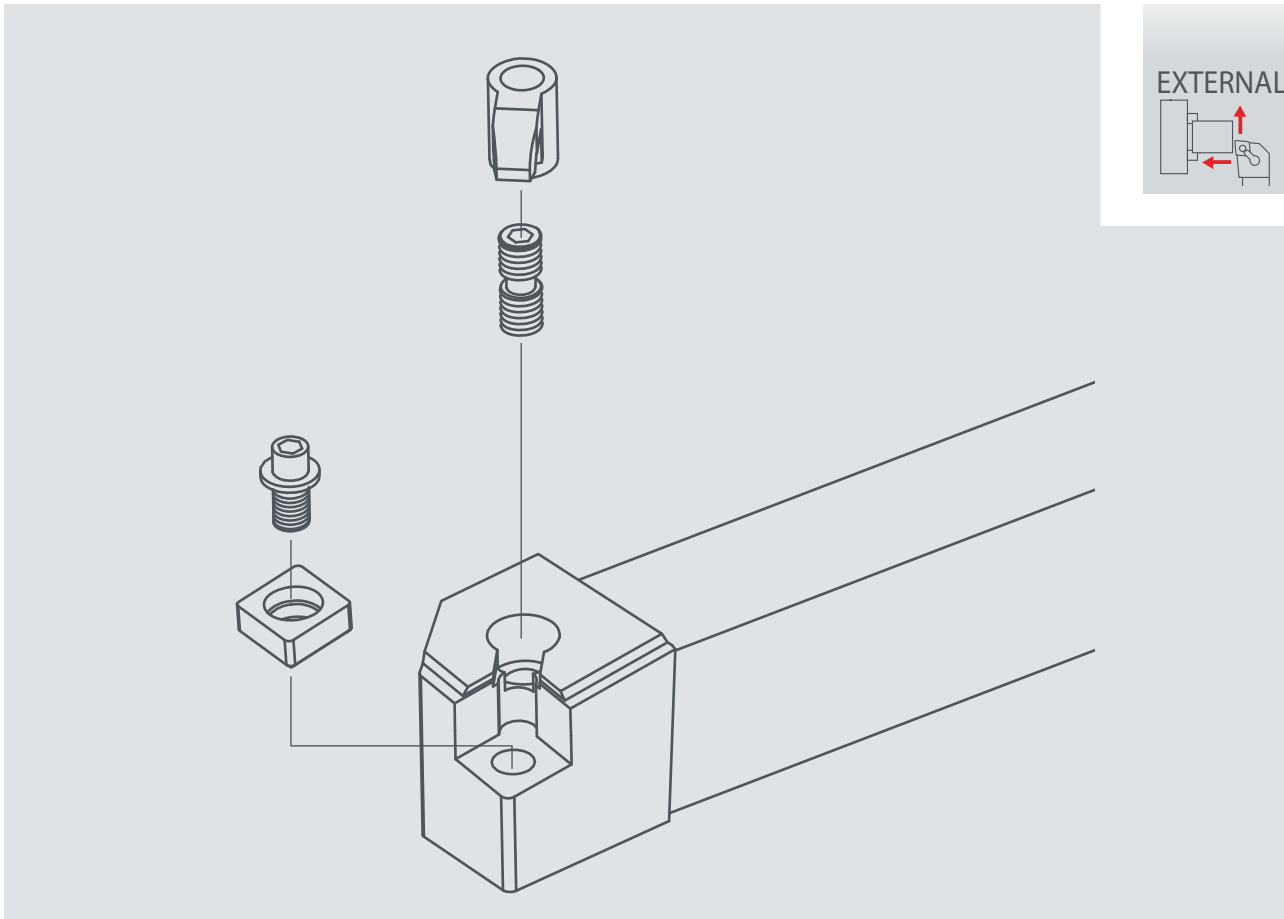
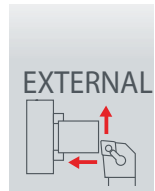
INTERNAL



### CLAMPING SYSTEM ( NEGATIVE )

High Clamping Strength - First choice for ceramic inserts

# M



TURNING
GROOVING
THREADING
MILLING
DRILLING
ENDMILLS
DRILLS
SPARE PARTS
INDEX

TURNING

GROOVING

THREADING

MILLING

DRILLING

ENDMILLS

DRILLS

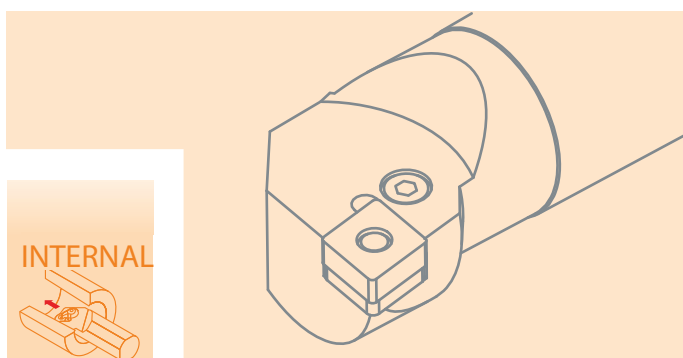
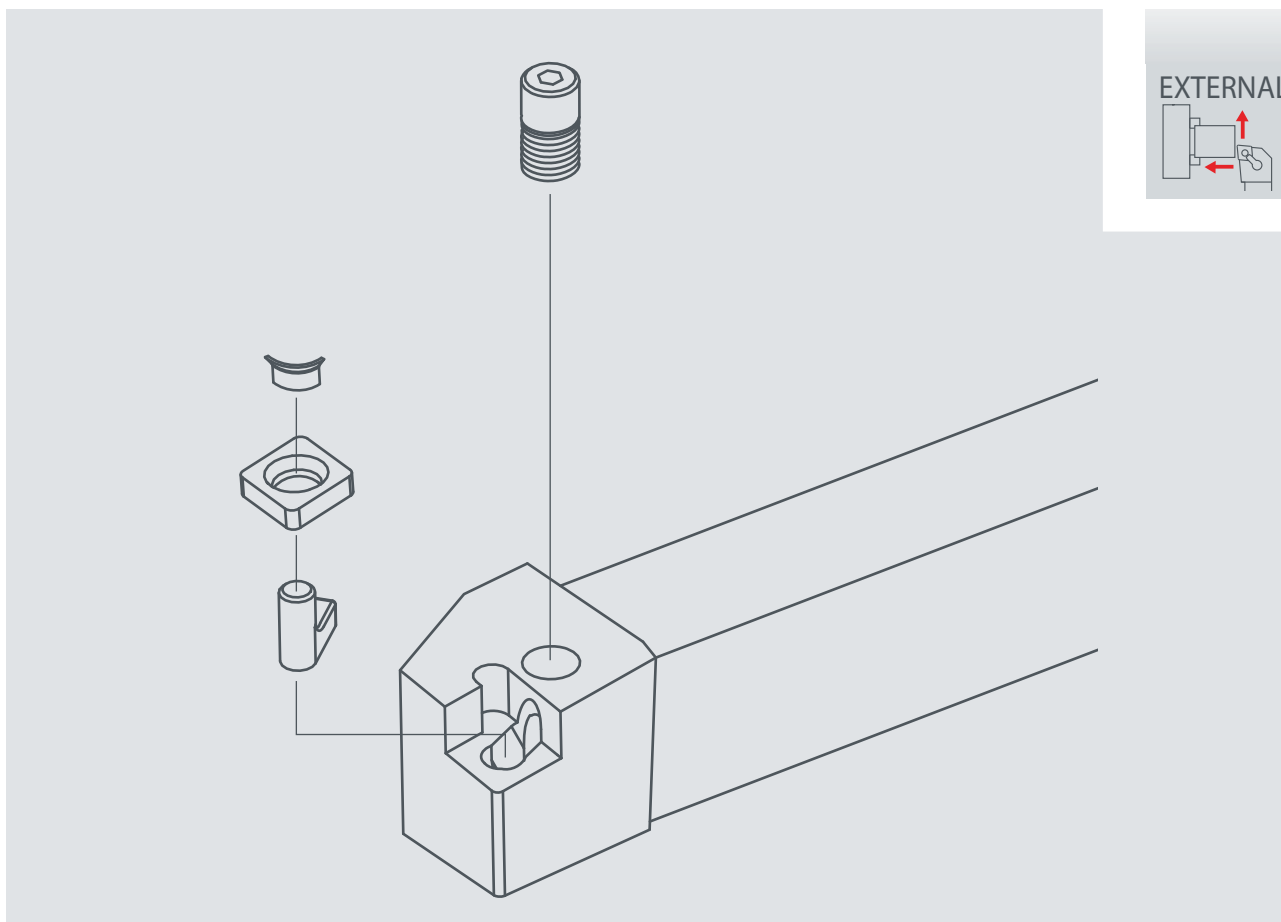
SPARE PARTS

INDEX

### CLAMPING SYSTEM ( NEGATIVE )

Easy to use - Excellent chip ejection

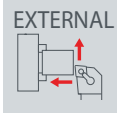
# P



INTERNAL

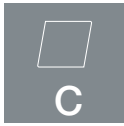


- TURNING
- GROOVING
- THREADING
- MILLING
- DRILLING
- ENDMILLS
- DRILLS
- SPARE PARTS
- INDEX



### SELECTION GUIDE

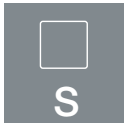
- TURNING
- GROOVING
- THREADING
- MILLING
- DRILLING
- ENDMILLS
- DRILLS
- SPARE PARTS
- INDEX



SCAC	SCLC	SCMC	DCLN	DCMN	DCZN	PCBN	PCLN	PCMN
CC□□ 126	CC□□ 127	CC□□ 128	CN□□ 131	CN□□ 132	CN□□ 133	CN□□ 134	CN□□ 135	CN□□ 136



SDHC	SDJC	SDNC	DDHN	DDJN	DDNN	PDJN	PDNN
DC□□ 139	DC□□ 140	DC□□ 141	DN□□ 148	DN□□ 149	DN□□ 150	DN□□ 151	DN□□ 151



SSDC	SSSC	DSDN	DSKN	DSSN	PSBN	PSDN	PSKN	PSSN
SC□□ 160	SC□□ 161	SN□□ 163	SN□□ 164	SN□□ 164	SN□□ 165	SN□□ 166	SN□□ 167	SN□□ 168



STFC	STGC	STJC	DTEN	DTJN	MTEN	MTJN
TC□□ 171	TC□□ 172	TC□□ 173	TN□□ 178	TN□□ 179	TN□□ 179	TN□□ 180



SVHB	SVJB	SVVB	SVZB	SVHC	SVJC	DVHN	DVJN	DVNN
VB□□ 183	VB□□ 184	VB□□ 185	VB□□ 186	VC□□ 189	VC□□ 189	VN□□ 191	VN□□ 191	VN□□ 192



DWLN	MWDN	MWLN	PWLN	OTHERS	CKJN	SRDC	SRGC	SRHC
WN□□ 194	WN□□ 194	WN□□ 195	WN□□ 195		KN□□ 155	RC□□ 157	RC□□ 158	RC□□ 159



CDJN	CSDN	CSSN	CTJN	CRDC
DN□□ 148	SN□□ 162	SN□□ 163	TN□□ 178	RC□□ 156



## TURNING



### SELECTION GUIDE

	 <sup>°</sup> SCLC CCOO 129	 <sup>°</sup> SCLC CCOO 130	 <sup>°</sup> DCLN CNOO 137	 <sup>°</sup> PCLN CNOO 138							
	 <sup>°</sup> SDPC DCOO 142	 <sup>°</sup> SDQC DCOO 143	 <sup>°</sup> SDUC DCOO 144	 <sup>°</sup> SD-C DCOO 145	 <sup>°</sup> SDXC DCOO 146	 <sup>°</sup> SDQC DCOO 147	 <sup>°</sup> DDQN DNOO 152	 <sup>°</sup> DDUN DNOO 152	 <sup>°</sup> DD-N DNOO 153	 <sup>°</sup> PDQN DNOO 153	 <sup>°</sup> PDUN DNOO 154
	 <sup>°</sup> SKUN KNOO 155		 <sup>°</sup> SSSC SCOO 162	 <sup>°</sup> DSKN SNOO 169	 <sup>°</sup> PSKN SNOO 170						
	 <sup>°</sup> STFC TCOO 174	 <sup>°</sup> STUC TCOO 175	 <sup>°</sup> ST-C TCOO 176	 <sup>°</sup> STFC TCOO 177	 <sup>°</sup> STFP TPOO 177	 <sup>°</sup> DTUN TNOO 180	 <sup>°</sup> DT-N TNOO 181	 <sup>°</sup> SMTUN TNOO 181	 <sup>°</sup> SMTQN TNOO 182	 <sup>°</sup> SMT-N TNOO 182	
	 <sup>°</sup> SVJB VBOO 187	 <sup>°</sup> SVQB VBOO 187	 <sup>°</sup> SVUB VBOO 188	 <sup>°</sup> SVXB VBOO 188	 <sup>°</sup> SVUC VCOO 190	 <sup>°</sup> SVQC VCOO 190	 <sup>°</sup> DVUN VNOO 192				
	 <sup>°</sup> SWLC WCOO 193	 <sup>°</sup> DWLN WNOO 196	 <sup>°</sup> MWLN WNOO 196	 <sup>°</sup> PWLN WNOO 197							

TURNING

GROOVING

THREADING

MILLING

DRILLING

ENDMILLS

DRILLS

SPARE PARTS

INDEX

TURNING

GROOVING

THREADING

MILLING

DRILLING

ENDMILLS

DRILLS

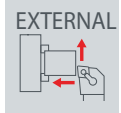
SPARE PARTS

INDEX

# SCAC

POSITIVE 7° with hole

CC □ □



CC □ □	DESCRIPTION			STOCK		DIMENSIONS				←	←					
				R	L	H	B	L	F							
CC □ □0602	SCACR/L	0808	E06	●	●	08	08	60	10	ST-SC0257	ST-WRT08					
		1010	E06	●	●	10	10	70	16	ST-SC0257	ST-WRT08					
CC □ □09T3	SCACR/L	1212	F09	●	●	12	12	80	20	ST-SC3507	ST-WRT15					
		1616	K09	●	●	16	16	100	20	ST-SC3514	ST-WRT15	ST-SHCC09	ST-SC5011			
		2020	M09	●	●	20	20	125	25	ST-SC3514	ST-WRT15	ST-SHCC09	ST-SC5011			
		2525	H09	●	●	25	25	150	32	ST-SC3514	ST-WRT15	ST-SHCC09	ST-SC5011			
CC □ □1204	SCACR/L	2020	K12	●	●	20	20	125	25	ST-SC0416	ST-WRT15	ST-SHCC12	ST-SC6011			
		2525	M12	●	●	25	25	150	32	ST-SC0416	ST-WRT15	ST-SHCC12	ST-SC6011			

carbide

18

PCBN

57

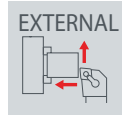
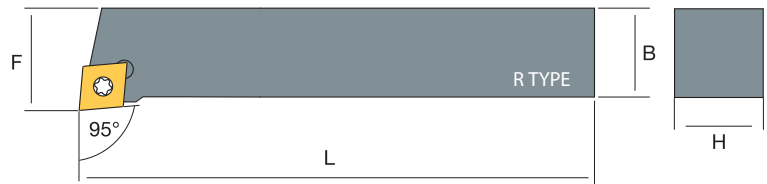
diamond

77

# SCLC

POSITIVE 7°  
 with hole

CC □ □



CC □ □	DESCRIPTION			STOCK		DIMENSIONS									
				R	L	H	B	L	F						
CC □ □0602	SCLCR/L	0808	E06	●	●	8	8	70	10	ST-SC0257	ST-WRT08				
		1010	E06	●	●	10	10	70	12	ST-SC0257	ST-WRT08				
		1212	F06	●	●	12	12	80	16	ST-SC0257	ST-WRT08				
CC □ □09T3	SCLCR/L	1212	F09	●	●	12	12	80	16	ST-SC3511	ST-WRT15				
		1616	H09	●	●	16	16	100	20	ST-SC3514	ST-WRT15	ST-SHCC09	ST-SC5011		
		2020	K09	●	●	20	20	125	25	ST-SC3514	ST-WRT15	ST-SHCC09	ST-SC5011		
		2525	M09	●	●	25	25	150	32	ST-SC3514	ST-WRT15	ST-SHCC09	ST-SC5011		
CC □ □1204	SCLCR/L	2020	K12	●	●	20	20	125	25	ST-SC0416	ST-WRT15	ST-SHCC12	ST-SC6011		
		2525	M12	●	●	25	25	150	32	ST-SC0416	ST-WRT15	ST-SHCC12	ST-SC6011		

carbide 18

PCBN 57

diamond 77

- TURNING
- GROOVING
- THREADING
- MILLING
- DRILLING
- ENDMILLS
- DRILLS
- SPARE PARTS
- INDEX

TURNING

GROOVING

THREADING

MILLING

DRILLING

ENDMILLS

DRILLS

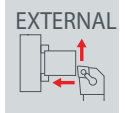
SPARE PARTS

INDEX

# SCMCN

POSITIVE 7°  
with hole

CC □ □



CC □ □	DESCRIPTION			STOCK	DIMENSIONS				←	←				
					H	B	L	F						
CC □ □0602	SCMCN	0808	E06	●	8	8	70	04	ST-SC0257	ST-WRT08				
		1010	E06	●	10	10	70	05	ST-SC0257	ST-WRT08				
CC □ □09T3	SCMCN	1212	F09	●	12	12	80	06	ST-SC3511	ST-WRT15				
		1616	H09	●	16	16	100	08	ST-SC3514	ST-WRT15	ST-SHCC09	ST-SC5011		
		2020	K09	●	20	20	125	10	ST-SC3514	ST-WRT15	ST-SHCC09	ST-SC5011		
		2525	M09	●	25	25	150	12.5	ST-SC3514	ST-WRT15	ST-SHCC09	ST-SC5011		
CC □ □1204	SCMCN	2020	K12	●	20	20	125	10	ST-SC0416	ST-WRT15	ST-SHCC12	ST-SC6011		
		2525	M12	●	25	25	150	12.5	ST-SC0416	ST-WRT15	ST-SHCC12	ST-SC6011		

carbide

18

PCBN

63

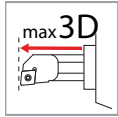
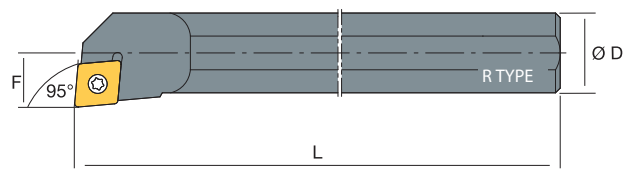
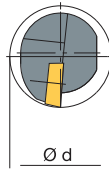
diamond

83

# S SCLC

POSITIVE 7°  
with hole

CC □ □



CC □ □	DESCRIPTION		STOCK		DIMENSIONS									
			R	L	ØD	Ød	L	F						
CC □ □0602	S06H08	SCLCR/L	06	● ●	06	>08	100	4.5	ST-SC0257	ST-WRT08				
	S08H		06	● ●	08	>11	100	06	ST-SC0257	ST-WRT08				
	S10K		06	● ●	10	>13	125	07	ST-SC0257	ST-WRT08				
	S10P16		06	● ●	16	>13	150	07	ST-SC0257	ST-WRT08				
	S12K		06	● ●	12	>16	125	09	ST-SC0257	ST-WRT08				
	S12K16		06	● ●	16	>13	150	09	ST-SC0257	ST-WRT08				
CC □ □09T3	S12K	SCLCR/L	09	● ●	12	>16	125	09	ST-SC3511	ST-WRT15				
	S16P		09	● ●	16	>21	170	11	ST-SC3511	ST-WRT15				
	S20R		09	● ●	20	>25	200	13	ST-SC3511	ST-WRT15				
	S25S		09	● ●	25	>32	250	17	ST-SC3511	ST-WRT15				
	S32T		09	● ●	32	>40	300	22	ST-SC3514	ST-WRT15	ST-SHCC09	ST-SC5011		
	S32T	SCLCR/L	12	● ●	32	>40	300	22	ST-SC0416	ST-WRT15	ST-SHCC12	ST-SC6011		
	S40T		12	● ●	40	>50	350	27	ST-SC0416	ST-WRT15	ST-SHCC12	ST-SC6011		

carbide 18

PCBN 63

diamond 83

- TURNING
- GROOVING
- THREADING
- MILLING
- DRILLING
- ENDMILLS
- DRILLS
- SPARE PARTS
- INDEX

TURNING

GROOVING

THREADING

MILLING

DRILLING

ENDMILLS

DRILLS

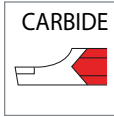
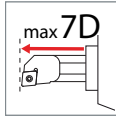
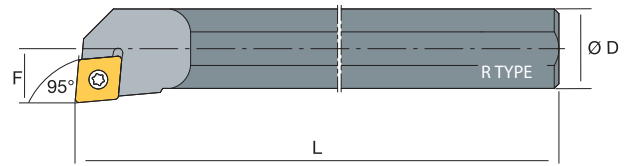
SPARE PARTS

INDEX

# C SCLC

POSITIVE 7°  
with hole

## CC □ □



CC □ □	DESCRIPTION			STOCK		DIMENSIONS				←	←				
				R	L	ØD	Ød	L	F						
CC □ □0301	C04G	SCLCR/L	03	●	●	04	5	90	3.8	ST-SC01635	ST-WRT06				
	C05H		03	●	●	05	6	100	4.4	ST-SC01635	ST-WRT06				
CC □ □0401	C06J	SCLCR/L	04	●	●	06	7	110	5.4	ST-SC0235	ST-WRT06				
CC □ □0602	C08L	SCLCR/L	06	●	●	08	10	140	07	ST-SC02545	ST-WRT08				
	C10N		06	●	●	10	12	160	09	ST-SC02545	ST-WRT08				
	C12Q		06	●	●	12	14	180	11	ST-SC02545	ST-WRT08				
CC □ □09T3	C12Q	SCLCR/L	09	●	●	12	16	180	11	ST-SC0407	ST-WRT15				
	C16X		09	●	●	16	18	220	15	ST-SC0407	ST-WRT15				
	C20S		09	●	●	20	22	250	19	ST-SC0407	ST-WRT15				
	C25T		09	●	●	25	27	300	24	ST-SC0407	ST-WRT15				

carbide

18

PCBN

63

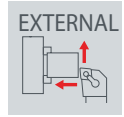
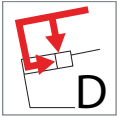
diamond

83

# DCLN

NEGATIVE  
with hole

CN □ □



CN □ □	DESCRIPTION			STOCK		DIMENSIONS									
				R	L	H	B	L	F						
CN □ □1204	DCLNR/L	2020	K12	●	●	20	20	125	25	ST-SHCN12	ST-SC0410	ST-CS001	ST-SPR04	ST-SC630	ST-WR0030
		2525	M12	●	●	25	25	150	32	ST-SHCN12	ST-SC0410	ST-CS001	ST-SPR04	ST-SC630	ST-WR0030
		3232	P12	●	●	32	32	170	40	ST-SHCN12	ST-SC0410	ST-CS001	ST-SPR04	ST-SC630	ST-WR0030
		4040	S12	●	●	40	40	250	50	ST-SHCN12	ST-SC0410	ST-CS001	ST-SPR04	ST-SC630	ST-WR0030
CN □ □1606	DCLNR/L	2525	M16	●	●	25	25	150	32	ST-SHCN16	ST-SC6169	ST-CS003	-	ST-SC6307	ST-WR0040
		3232	P16	●	●	32	32	170	40	ST-SHCN16	ST-SC6169	ST-CS003	-	ST-SC6307	ST-WR0040
		4040	S16	●	●	40	40	250	50	ST-SHCN16	ST-SC6169	ST-CS003	-	ST-SC6307	ST-WR0040
CN □ □1906	DCLNR/L	3232	P19	●	●	32	32	170	40	ST-SHCN19	ST-SC6611	ST-CS004	-	ST-SC830	ST-WR0040
		4040	S19	●	●	40	40	250	50	ST-SHCN19	ST-SC6611	ST-CS004	-	ST-SC830	ST-WR0040

TURNING

GROOVING

THREADING

MILLING

DRILLING

ENDMILLS

DRILLS

SPARE PARTS

INDEX

carbide 21

PCBN 64

diamond 84

ceramic 102

TURNING

GROOVING

THREADING

MILLING

DRILLING

ENDMILLS

DRILLS

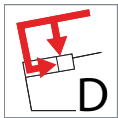
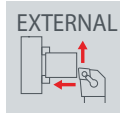
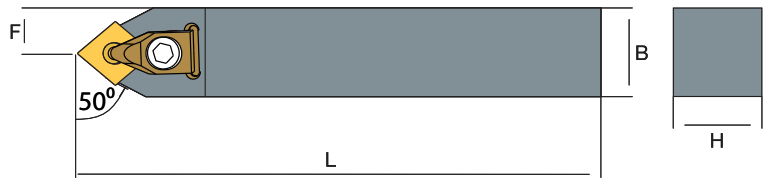
SPARE PARTS

INDEX

# DCMNN

NEGATIVE with hole

CN □ □



CN □ □	DESCRIPTION			STOCK	DIMENSIONS									
					H	B	L	F						
CN □ □1204	DCMNN	1616	H12	●	16	16	100	08	ST-SHCN12	ST-SC0410	ST-CS001	ST-SPR04	ST-SC630	ST-WR0030
		2020	K12	●	20	20	125	10	ST-SHCN12	ST-SC0410	ST-CS001	ST-SPR04	ST-SC630	ST-WR0030
		2525	M12	●	25	25	150	12.5	ST-SHCN12	ST-SC0410	ST-CS001	ST-SPR04	ST-SC630	ST-WR0030
		3232	P12	●	32	32	170	16	ST-SHCN12	ST-SC0410	ST-CS001	ST-SPR04	ST-SC630	ST-WR0030
CN □ □1606	DCMNN	2525	M16	●	25	25	150	12.5	ST-SHCN16	ST-SC6169	ST-CS003	-	ST-SC6307	ST-WR0040
		3232	P16	●	32	32	170	16	ST-SHCN16	ST-SC6169	ST-CS003	-	ST-SC6307	ST-WR0040
		4040	S16	●	40	40	250	20	ST-SHCN16	ST-SC6169	ST-CS003	-	ST-SC6307	ST-WR0040
CN □ □1906	DCMNN	3232	P19	●	32	32	170	16	ST-SHCN19	ST-SC6611	ST-CS004	-	ST-SC830	ST-WR0040
		4040	S19	●	40	40	250	20	ST-SHCN19	ST-SC6611	ST-CS004	-	ST-SC830	ST-WR0040

carbide

21

PCBN

64

diamond

84

ceramic

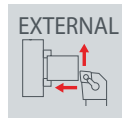
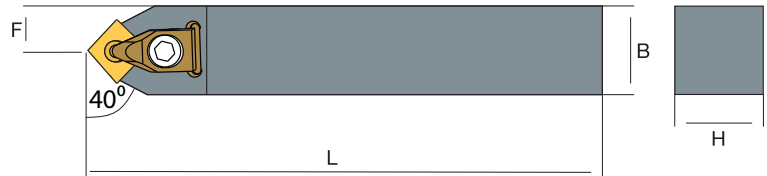
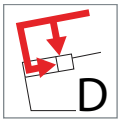
102



# DCZNN

NEGATIVE  
with hole

CN □ □



CN □ □	DESCRIPTION			STOCK	DIMENSIONS									
					H	B	L	F						
CN □ □1204	DCZNN	1616	H12	●	16	16	100	08	ST-SHCN12	ST-SC0410	ST-CS001	ST-SPR04	ST-SC630	ST-WR0030
		2020	K12	●	20	20	125	10	ST-SHCN12	ST-SC0410	ST-CS001	ST-SPR04	ST-SC630	ST-WR0030
		2525	M12	●	25	25	150	12.5	ST-SHCN12	ST-SC0410	ST-CS001	ST-SPR04	ST-SC630	ST-WR0030
		3232	P12	●	32	32	170	16	ST-SHCN12	ST-SC0410	ST-CS001	ST-SPR04	ST-SC630	ST-WR0030
CN □ □1606	DCZNN	2525	M16	●	25	25	150	12.5	ST-SHCN16	ST-SC6169	ST-CS003	-	ST-SC6307	ST-WR0040
		3232	P16	●	32	32	170	16	ST-SHCN16	ST-SC6169	ST-CS003	-	ST-SC6307	ST-WR0040
		4040	S16	●	40	40	250	20	ST-SHCN16	ST-SC6169	ST-CS003	-	ST-SC6307	ST-WR0040
CN □ □1906	DCZNN	3232	P19	●	32	32	170	16	ST-SHCN19	ST-SC6611	ST-CS004	-	ST-SC830	ST-WR0040
		4040	S19	●	40	40	250	20	ST-SHCN19	ST-SC6611	ST-CS004	-	ST-SC830	ST-WR0040

TURNING

GROOVING

THREADING

MILLING

DRILLING

ENDMILLS

DRILLS

SPARE PARTS

INDEX

carbide 21

PCBN 64

diamond 84

ceramic 102

TURNING

GROOVING

THREADING

MILLING

DRILLING

ENDMILLS

DRILLS

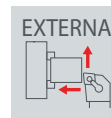
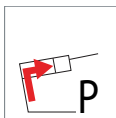
SPARE PARTS

INDEX

# PCBN

NEGATIVE with hole

CN □ □



CN □ □	DESCRIPTION			STOCK		DIMENSIONS								
				R	L	H	B	L	F					
CN □ □1204	PCBNR/L	2020	K12	●	●	20	20	125	17.5	ST-SHCN12	ST-SPR001	ST-LV001	ST-SC820	ST-WR0030
		2525	M12	●	●	25	25	150	22.5	ST-SHCN12	ST-SPR001	ST-LV001	ST-SC820	ST-WR0030
		3232	P12	●	●	32	32	170	27.5	ST-SHCN12	ST-SPR001	ST-LV001	ST-SC820	ST-WR0030
CN □ □1606	PCBNR/L	2525	M16	●	●	25	25	150	22	ST-SHCN16	ST-SPR002	ST-LV002	ST-SC822	ST-WR0050
		3232	P16	●	●	32	32	170	27	ST-SHCN16	ST-SPR002	ST-LV002	ST-SC822	ST-WR0050
CN □ □1906	PCBNR/L	3232	P19	●	●	32	32	170	27	ST-SHCN19	ST-SPR003	ST-LV003	ST-SC1025	ST-WR0060
		4040	S19	●	●	40	40	250	37	ST-SHCN19	ST-SPR003	ST-LV003	ST-SC1025	ST-WR0060

carbide

21

PCBN

64

diamond

84

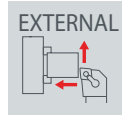
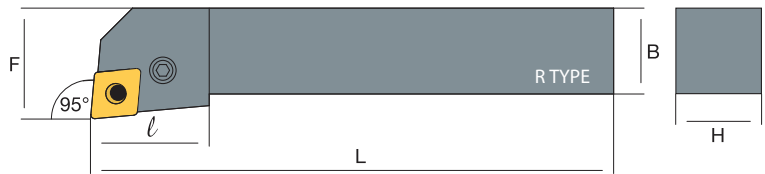
ceramic

102

# PCLN

NEGATIVE  
 with hole

# CN □ □



CN □ □	DESCRIPTION			STOCK		DIMENSIONS								
				R	L	H	B	L	F					
CN □ □1204	PCLNR/L	2020	K12	●	●	20	20	125	25	ST-SHCN12	ST-SPR001	ST-LV001	ST-SC820	ST-WR0030
		2525	M12	●	●	25	25	150	32	ST-SHCN12	ST-SPR001	ST-LV001	ST-SC820	ST-WR0030
		3232	P12	●	●	32	32	170	40	ST-SHCN12	ST-SPR001	ST-LV001	ST-SC820	ST-WR0030
CN □ □1606	PCLNR/L	2525	M16	●	●	25	25	150	32	ST-SHCN16	ST-SPR002	ST-LV002	ST-SC822	ST-WR0050
		3232	P16	●	●	32	32	170	40	ST-SHCN16	ST-SPR002	ST-LV002	ST-SC822	ST-WR0050
CN □ □1906	PCLNR/L	3232	P19	●	●	32	32	170	40	ST-SHCN19	ST-SPR003	ST-LV003	ST-SC1025	ST-WR0060
		4040	S19	●	●	40	40	250	50	ST-SHCN19	ST-SPR003	ST-LV003	ST-SC1025	ST-WR0060

TURNING

GROOVING

THREADING

MILLING

DRILLING

ENDMILLS

DRILLS

SPARE PARTS

INDEX

carbide

21

PCBN

64

diamond

84

ceramic

102

TURNING

GROOVING

THREADING

MILLING

DRILLING

ENDMILLS

DRILLS

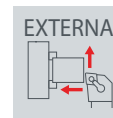
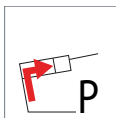
SPARE PARTS

INDEX

# PCMNN

NEGATIVE with hole

CN □ □



CN □ □	DESCRIPTION			STOCK	DIMENSIONS								
					H	B	L	F					
CN □ □1204	PCMNN	2020	K12	●	20	20	125	17.5	ST-SHCN12	ST-SPR001	ST-LV001	ST-SC820	ST-WR0030
		2525	M12	●	25	25	150	22.5	ST-SHCN12	ST-SPR001	ST-LV001	ST-SC820	ST-WR0030
		3232	P12	●	32	32	170	27.5	ST-SHCN12	ST-SPR001	ST-LV001	ST-SC820	ST-WR0030
CN □ □1606	PCMNN	2525	M16	●	25	25	150	22	ST-SHCN16	ST-SPR002	ST-LV002	ST-SC822	ST-WR0050
		3232	P16	●	32	32	170	27	ST-SHCN16	ST-SPR002	ST-LV002	ST-SC822	ST-WR0050
CN □ □1906	PCMNN	3232	P19	●	32	32	170	27	ST-SHCN19	ST-SPR003	ST-LV003	ST-SC1025	ST-WR0060
		4040	S19	●	40	40	250	37	ST-SHCN19	ST-SPR003	ST-LV003	ST-SC1025	ST-WR0060

carbide

21

PCBN

64

diamond

84

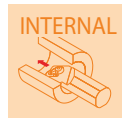
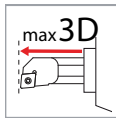
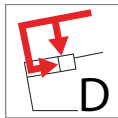
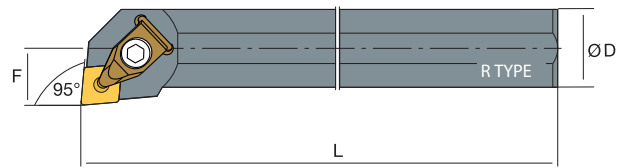
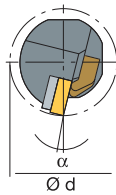
ceramic

102

# S<sup>s</sup>DCLN

NEGATIVE  
with hole

# CN □ □



CN □ □	DESCRIPTION		STOCK		DIMENSIONS										
			R	L	ØD	Ød	L	F							
CN □ □1204	S20R	DCLNR/L	12	●	●	20	25	170	13			ST-CS001	-	ST-SC630	ST-WR0030
	S25S		12	●	●	25	32	250	17	ST-SHCN12	ST-SC0410	ST-CS001	ST-SPR04	ST-SC630	ST-WR0030
	S32T		12	●	●	32	40	300	22	ST-SHCN12	ST-SC0410	ST-CS001	ST-SPR04	ST-SC630	ST-WR0030
	S40U		12	●	●	40	50	350	27	ST-SHCN12	ST-SC0410	ST-CS001	ST-SPR04	ST-SC630	ST-WR0030
	S50V		12	●	●	50	63	400	35	ST-SHCN12	ST-SC0410	ST-CS001	ST-SPR04	ST-SC630	ST-WR0030
CN □ □1606	S32T	DCLNR/L	16	●	●	32	40	300	22	ST-SHCN16	ST-SC6169	ST-CS003	-	ST-SC6307	ST-WR0030
	S40U		16	●	●	40	50	350	27	ST-SHCN16	ST-SC6169	ST-CS003	-	ST-SC6307	ST-WR0030
	S50V		16	●	●	50	63	400	35	ST-SHCN16	ST-SC6169	ST-CS003	-	ST-SC6307	ST-WR0030
CN □ □1906	S50V	DCLNR/L	19	●	●	50	63	400	35	ST-SHCN19	ST-SC6611	ST-CS004	-	ST-SC830	ST-WR0040

TURNING

GROOVING

THREADING

MILLING

DRILLING

ENDMILLS

DRILLS

SPARE PARTS

INDEX

carbide

21

PCBN

64

diamond

84

ceramic

102

TURNING

GROOVING

THREADING

MILLING

DRILLING

ENDMILLS

DRILLS

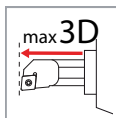
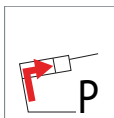
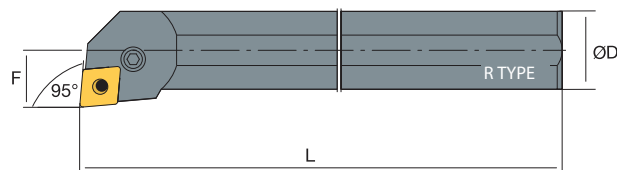
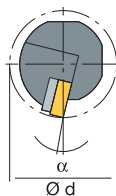
SPARE PARTS

INDEX

### <sup>S</sup>PCLN

NEGATIVE with hole

CN □ □



CN □ □	DESCRIPTION		STOCK		DIMENSIONS								
			R	L	ØD	Ød	L	F					
CN □ □1204	S25S	PCLNR/L	12	● ●	25	32	250	17	ST-SHCN12	ST-SPR001	ST-LV001	ST-SC820	ST-WR0030
	S32T		12	● ●	32	40	300	22	ST-SHCN12	ST-SPR001	ST-LV001	ST-SC820	ST-WR0030
	S40U		12	● ●	40	50	350	27	ST-SHCN12	ST-SPR001	ST-LV001	ST-SC820	ST-WR0030
CN □ □1606	S32T	PCLNR/L	16	● ●	32	40	300	22	ST-SHCN16	ST-SPR002	ST-LV002	ST-SC822	ST-WR0050
	S40U		16	● ●	40	50	350	27	ST-SHCN16	ST-SPR002	ST-LV002	ST-SC822	ST-WR0050
	S50V		16	● ●	50	63	400	35	ST-SHCN16	ST-SPR002	ST-LV002	ST-SC822	ST-WR0050
CN □ □1906	S40U	PCLNR/L	19	● ●	40	50	350	27	ST-SHCN19	ST-SPR003	ST-LV003	ST-SC1025	ST-WR0060
	S50V		19	● ●	50	63	400	35	ST-SHCN19	ST-SPR003	ST-LV003	ST-SC1025	ST-WR0060

carbide 21

PCBN 64

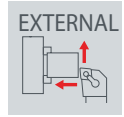
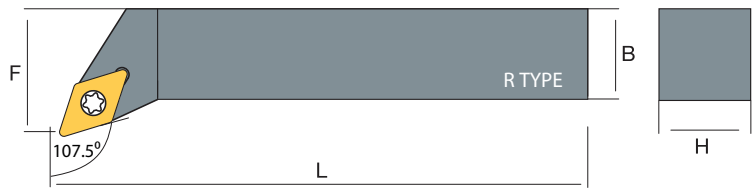
diamond 84

ceramic 102

# SDHC

POSITIVE 7°  
with hole

DC □ □



DC □ □	DESCRIPTION			STOCK		DIMENSIONS									
				R	L	H	B	L	F						
DC □ 0702	SDHCR/L	0808	E07	●	●	08	08	70	10	ST-SC0257	ST-WRT08	-	-		
		1010	E07	●	●	10	10	70	12	ST-SC0257	ST-WRT08	-	-		
		1212	F07	●	●	12	12	80	16	ST-SC0257	ST-WRT08	-	-		
		1616	H07	●	●	16	16	100	20	ST-SC0257	ST-WRT15	-	-		
DC □ 11T3	SDHCR/L	1616	H11	●	●	16	16	100	20	ST-SC3514	ST-WRT15	ST-SHDC11	ST-SC5011		
		2020	K11	●	●	20	20	125	25	ST-SC3514	ST-WRT15	ST-SHDC11	ST-SC5011		
		2525	M11	●	●	25	25	150	32	ST-SC3514	ST-WRT15	ST-SHDC11	ST-SC5011		
		3232	P11	●	●	32	32	170	40	ST-SC0416	ST-WRT15	ST-SHDC11	ST-SC5011		

carbide 24

PCBN 65

diamond 85

- TURNING
- GROOVING
- THREADING
- MILLING
- DRILLING
- ENDMILLS
- DRILLS
- SPARE PARTS
- INDEX

# Holders

TURNING

TURNING

GROOVING

THREADING

MILLING

DRILLING

ENDMILLS

DRILLS

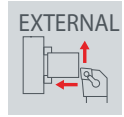
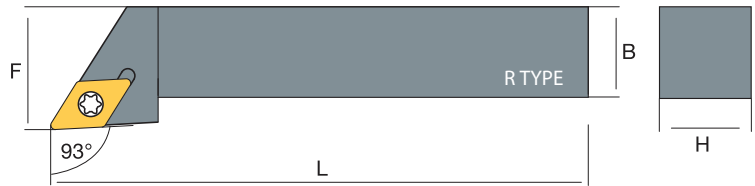
SPARE PARTS

INDEX

## SDJC

POSITIVE 7°  
with hole

DC □ □



DC □ □	DESCRIPTION			STOCK		DIMENSIONS										
				R	L	H	B	L	F							α
DC □ □07	SDJCR/L	0808	E07	●	●	08	08	70	10		ST-SC0257	ST-WRT08	-	-		
		1010	E07	●	●	10	10	70	12		ST-SC0257	ST-WRT08	-	-		
		1212	F07	●	●	12	12	80	16		ST-SC0257	ST-WRT08	-	-		
		1616	H07	●	●	16	16	100	20		ST-SC0257	ST-WRT08	-	-		
DC □ □11	SDJCR/L	1212	F11	●	●	12	12	80	16		ST-SC3514	ST-WRT15	ST-SHDC11	ST-SC5011		
		1616	H11	●	●	16	16	100	20		ST-SC3514	ST-WRT15	ST-SHDC11	ST-SC5011		
		2020	K11	●	●	20	20	125	25		ST-SC3514	ST-WRT15	ST-SHDC11	ST-SC5011		
		2525	M11	●	●	25	25	150	32		ST-SC3514	ST-WRT15	ST-SHDC11	ST-SC5011		
		3232	P11	●	●	32	32	170	40		ST-SC3514	ST-WRT15	ST-SHDC11	ST-SC5011		

carbide 24

PCBN 65

diamond 85

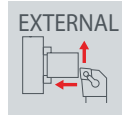


## TURNING

### SDNCN

POSITIVE 7°  
with hole

DC □ □



DC □ □	DESCRIPTION				STOCK	DIMENSIONS							
						H	B	L	F				
DC □ □07	SDNCN	0808	E07	●	8	8	70	4	ST-SC0257	ST-WRT08	-	-	
		1010	E07	●	10	10	70	5	ST-SC0257	ST-WRT08	-	-	
		1212	F07	●	12	12	80	6	ST-SC0257	ST-WRT08	-	-	
		1616	H07	●	16	16	100	8	ST-SC0257	ST-WRT08	-	-	
DC □ □11	SDNCN	1212	F11	●	12	12	80	6	ST-SC3514	ST-WRT15	ST-SHDC11	ST-SC5011	
		1616	H11	●	16	16	100	8	ST-SC3514	ST-WRT15	ST-SHDC11	ST-SC5011	
		2020	K11	●	20	20	125	10	ST-SC3514	ST-WRT15	ST-SHDC11	ST-SC5011	
		2525	M11	●	25	25	150	12.5	ST-SC3514	ST-WRT15	ST-SHDC11	ST-SC5011	
		3232	P11	●	32	32	170	16	ST-SC3514	ST-WRT15	ST-SHDC11	ST-SC5011	

- TURNING
- GROOVING
- THREADING
- MILLING
- DRILLING
- ENDMILLS
- DRILLS
- SPARE PARTS
- INDEX

carbide 24

PCBN 65

diamond 85

TURNING

GROOVING

THREADING

MILLING

DRILLING

ENDMILLS

DRILLS

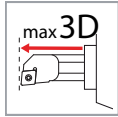
SPARE PARTS

INDEX

### <sup>s</sup>SDPC

POSITIVE 7° with hole

DC □ □



DC □ □	DESCRIPTION			STOCK		DIMENSIONS				ST-SC0257 ← ST-WRT08		← ST-WRT08				
				R	L	ØD	Ød	L	F							
DC □ □0702	S10K	SDPCR/L	07	●	●	10	>13	125	07		ST-SC0257	ST-WRT08	-	-		
	S12K		07	●	●	12	>16	125	09		ST-SC0257	ST-WRT08	-	-		
DC □ □11T3	S16P	SDPCR/L	11	●	●	16	>21	170	11		ST-SC3511	ST-WRT15	-	-		
	S20R		11	●	●	20	>25	200	13		ST-SC3511	ST-WRT15	-	-		
	S25S		11	●	●	25	>32	250	17		ST-SC3511	ST-WRT15	-	-		
	S32T		11	●	●	32	>40	300	22		ST-SC3514	ST-WRT15	ST-SHDC11	ST-SC5011		
	S40T		11	●	●	40	>50	350	27		ST-SC3514	ST-WRT15	ST-SHDC11	ST-SC5011		

carbide 24

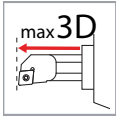
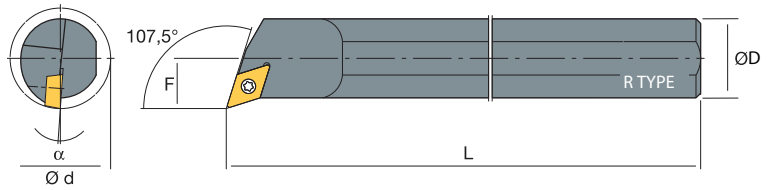
PCBN 65

diamond 85

# SDQC

POSITIVE 7°  
with hole

DC □ □



DC □ □	DESCRIPTION			STOCK		DIMENSIONS										
				R	L	ØD	Ød	L	F							
DC □ □0702	S10K	SDQCR/L	07	●	●	10	>13	125	07		ST-SC0257	ST-WRT08				
	S10P16		07	●	●	16	>13	150	07		ST-SC0257	ST-WRT08				
	S12K		07	●	●	12	>16	125	09		ST-SC0257	ST-WRT08				
	S12K16		07	●	●	16	>16	150	09		ST-SC0257	ST-WRT08				
	S16P		07	●	●	16	>21	170	11		ST-SC0257	ST-WRT08				
DC □ □11T3	S16P	SDQCR/L	11	●	●	16	>21	170	11		ST-SC3511	ST-WRT15				
	S20R		11	●	●	20	>25	200	13		ST-SC3511	ST-WRT15				
	S25S		11	●	●	25	>32	250	17		ST-SC3511	ST-WRT15				
	S32T		11	●	●	32	>40	300	22		ST-SC3514	ST-WRT15	ST-SHDC11	ST-SC5011		
	S40T		11	●	●	40	>50	350	27		ST-SC3514	ST-WRT15	ST-SHDC11	ST-SC5011		

carbide 24

PCBN 65

diamond 85

- TURNING
- GROOVING
- THREADING
- MILLING
- DRILLING
- ENDMILLS
- DRILLS
- SPARE PARTS
- INDEX

TURNING

GROOVING

THREADING

MILLING

DRILLING

ENDMILLS

DRILLS

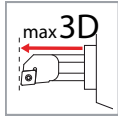
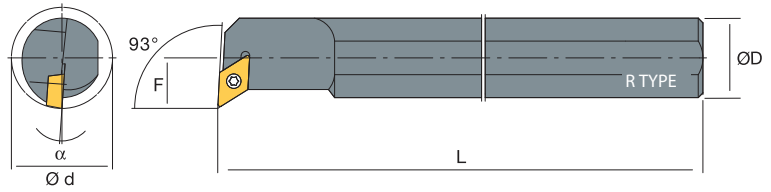
SPARE PARTS

INDEX

### <sup>s</sup>SDUC

POSITIVE 7° with hole

DC □ □



DC □ □	DESCRIPTION			STOCK		DIMENSIONS				←		←				
				R	L	ØD	Ød	L	F							
DC □ □0702	S10K	SDUCR/L	07	●	●	10	>13	125	07		ST-SC0257	ST-WRT08				
	S10P16		07	●	●	16	>13	150	07		ST-SC0257	ST-WRT08				
	S12K		07	●	●	12	>16	125	09		ST-SC0257	ST-WRT08				
	S12K16		07	●	●	16	>16	150	09		ST-SC0257	ST-WRT08				
	S16P		07	●	●	16	>21	170	11		ST-SC0257	ST-WRT08				
DC □ □11T3	S16P	SDUCR/L	11	●	●	16	>21	170	11		ST-SC3511	ST-WRT15				
	S20R		11	●	●	20	>25	200	13		ST-SC3511	ST-WRT15				
	S25S		11	●	●	25	>32	250	17		ST-SC3511	ST-WRT15				
	S32T		11	●	●	32	>40	300	22		ST-SC3514	ST-WRT15	ST-SHDC11	ST-SC5011		
	S40T		11	●	●	40	>50	350	27		ST-SC3514	ST-WRT15	ST-SHDC11	ST-SC5011		

carbide 24

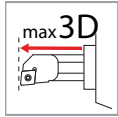
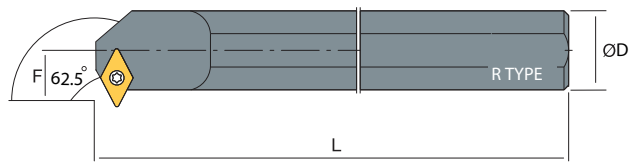
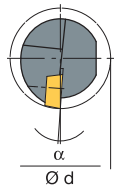
PCBN 65

diamond 85

# <sup>s</sup>SD-C

POSITIVE 7°  
with hole

DC □ □



DC □ □	DESCRIPTION		STOCK		DIMENSIONS									
			R	L	ØD	Ød	L	F						
DC □ □0702	S10K	SD-CR/L	07	● ●	10	>14	125	09	ST-SC0257	ST-WRT08	-	-		
	S12K		07	● ●	12	>16	125	09	ST-SC0257	ST-WRT08	-	-		
	S16Q		07	● ●	16	>17	180	14	ST-SC0257	ST-WRT08	-	-		
DC □ □11T3	S16Q	SD-CR/L	11	● ●	16	>23	180	14	ST-SC3511	ST-WRT15	-	-		
	S20R		11	● ●	20	>25	200	13	ST-SC3511	ST-WRT15	-	-		
	S25S		11	● ●	25	>32	250	19	ST-SC3511	ST-WRT15	-	-		
	S32T		11	● ●	32	>40	300	23	ST-SC3514	ST-WRT15	ST-SHDC11	ST-SC5011		
	S40T		11	● ●	40	>50	350	27	ST-SC3514	ST-WRT15	ST-SHDC11	ST-SC5011		

carbide 24

PCBN 65

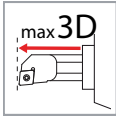
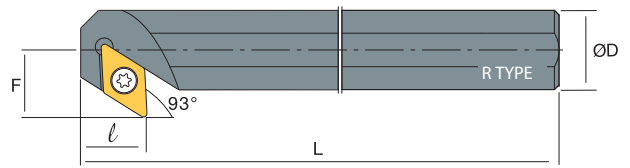
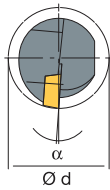
diamond 85

- TURNING
- GROOVING
- THREADING
- MILLING
- DRILLING
- ENDMILLS
- DRILLS
- SPARE PARTS
- INDEX

# sSDXC

**POSITIVE 7° with hole**

**DC□□**



TURNING

GROOVING

THREADING

MILLING

DRILLING

ENDMILLS

DRILLS

SPARE PARTS

INDEX

DC □ □	DESCRIPTION	STOCK		DIMENSIONS				ST-SC0257	ST-WRT08	-	-	ST-SHDC11	ST-SC5011
		R	L	ØD	Ød	L	F						
DC □ □0702	S12K SDXCR/L	07	● ●	12	>17	125	09						
DC □ □11T3	S16P SDXCR/L	11	● ●	16	>21	170	11	ST-SC3511	ST-WRT15	-	-		
	S20R	11	● ●	20	>25	200	13	ST-SC3511	ST-WRT15	-	-		
	S25S	11	● ●	25	>32	250	17	ST-SC3511	ST-WRT15	-	-		
	S32T	11	● ●	32	>40	300	22	ST-SC3514	ST-WRT15	ST-SHDC11	ST-SC5011		
	S40T	11	● ●	40	>50	350	27	ST-SC3514	ST-WRT15	ST-SHDC11	ST-SC5011		

carbide 24

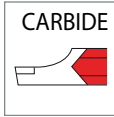
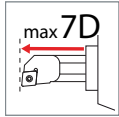
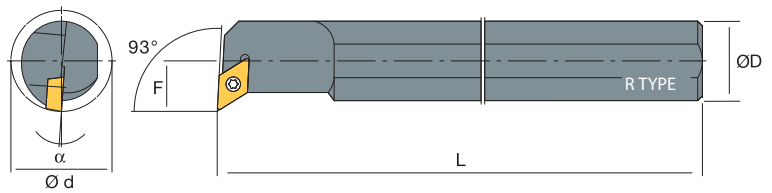
PCBN 65

diamond 85

### CSDUC

POSITIVE 7°  
with hole

DC □ □

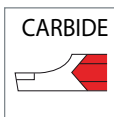
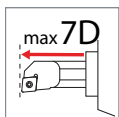
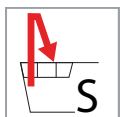
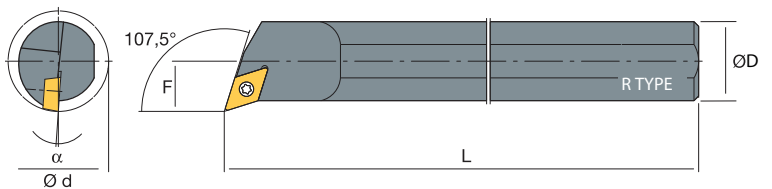


DC □ □	DESCRIPTION			STOCK		DIMENSIONS									
				R	L	ØD	Ød	L	F						
DC □ □0702	C10N	SDUCR/L	07	●	●	10	>13	160	07	ST-SC02555	ST-WRT08	-	-		
	C12Q		07	●	●	12	>16	180	09	ST-SC02555	ST-WRT08	-	-		
DC □ □11T3	C16X	SDUCR/L	11	●	●	16	>21	220	11	ST-SC3508	ST-WRT15	-	-		
	C20S		11	●	●	20	>25	250	13	ST-SC3508	ST-WRT15	-	-		
	C25T		11	●	●	25	>32	300	17	ST-SC3508	ST-WRT15	-	-		

### CSDQC

POSITIVE 7°  
with hole

DC □ □



DC □ □	DESCRIPTION			STOCK		DIMENSIONS									
				R	L	ØD	Ød	L	F						
DC □ □0702	C10N	SDQCR/L	07	●	●	10	>14	160	09	ST-SC02555	ST-WRT08	-	-		
	C12Q		07	●	●	12	>18	180	11	ST-SC02555	ST-WRT08	-	-		
DC □ □11T3	C16X	SDQCR/L	11	●	●	16	>20	220	15	ST-SC3508	ST-WRT15	-	-		
	C20S		11	●	●	20	>25	250	19	ST-SC3508	ST-WRT15	-	-		
	C25T		11	●	●	25	>32	300	24	ST-SC3508	ST-WRT15	-	-		

carbide 24

PCBN 65

diamond 85

TURNING

GROOVING

THREADING

MILLING

DRILLING

ENDMILLS

DRILLS

SPARE PARTS

INDEX

### CDJN

NEGATIVE without hole

DN □ □

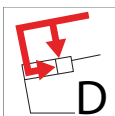


DN □ □	DESCRIPTION			STOCK		DIMENSIONS									
				R	L	H	B	L	F						
DN □ 1507	CDJNR/L	2525	M15	●	●	25	25	150	32	ST-SHDN15	ST-SC0410	ST-CS001	ST-SPR01	ST-SC630	ST-WR0030
		3232	P15	●	●	32	32	170	40	ST-SHDN15	ST-SC0410	ST-CS001	ST-SPR01	ST-SC630	ST-WR0030

### DDHN

NEGATIVE with hole

DN □ □



DN □ □	DESCRIPTION			STOCK		DIMENSIONS									
				R	L	H	B	L	F						
DN □ □ 1504	DDHNR/L	2525	M1504	●	●	25	25	150	32	ST-SHDN15	ST-SC0410	ST-CS001	ST-SPR04	ST-SC630	ST-WR0030
		3232	P1504	●	●	32	32	170	40	ST-SHDN15	ST-SC0410	ST-CS001	ST-SPR04	ST-SC630	ST-WR0030
DN □ □ 1506	DDHNR/L	2020	K15	●	●	20	20	125	25	ST-SHDN15	ST-SC0410	ST-CS001	ST-SPR04	ST-SC630	ST-WR0030
		2525	M15	●	●	25	25	150	32	ST-SHDN15	ST-SC0410	ST-CS001	ST-SPR04	ST-SC630	ST-WR0030
		3232	P15	●	●	32	32	170	40	ST-SHDN15	ST-SC0410	ST-CS001	ST-SPR04	ST-SC630	ST-WR0030

carbide

26

PCBN

66

diamond

86

ceramic

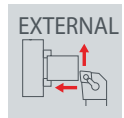
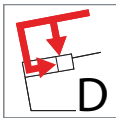
104



# DDJN

NEGATIVE  
 with hole

DN □ □



DN □ □	DESCRIPTION			STOCK		DIMENSIONS									
				R	L	H	B	L	F	ST-SHDN11	ST-SC0410	ST-CS001	ST-SPR04	ST-SC523	ST-WR0030
DN □ □1104	DDJNR/L	1616	H11	●	●	16	16	100	20	ST-SHDN11	ST-SC0410	ST-CS001	ST-SPR04	ST-SC523	ST-WR0030
		2020	K11	●	●	20	20	125	25	ST-SHDN11	ST-SC0410	ST-CS001	ST-SPR04	ST-SC523	ST-WR0030
		2525	M11	●	●	25	25	150	32	ST-SHDN11	ST-SC0410	ST-CS001	ST-SPR04	ST-SC523	ST-WR0030
DN □ □1504	DDJNR/L	2020	K1504	●	●	20	20	125	25	ST-SHDN15	ST-SC0410	ST-CS002	ST-SPR04	ST-SC630	ST-WR0030
		2525	M1504	●	●	25	25	150	32	ST-SHDN15	ST-SC0410	ST-CS002	ST-SPR04	ST-SC630	ST-WR0030
		3232	P1504	●	●	32	32	170	40	ST-SHDN15	ST-SC0410	ST-CS002	ST-SPR04	ST-SC630	ST-WR0030
DN □ □1506	DDJNR/L	2020	K15	●	●	20	20	125	25	ST-SHDN15	ST-SC0410	ST-CS002	ST-SPR04	ST-SC630	ST-WR0030
		2525	M15	●	●	25	25	150	32	ST-SHDN15	ST-SC0410	ST-CS002	ST-SPR04	ST-SC630	ST-WR0030
		3232	P15	●	●	32	32	170	40	ST-SHDN15	ST-SC0410	ST-CS002	ST-SPR04	ST-SC630	ST-WR0030
		4040	S15	●	●	40	40	250	50	ST-SHDN15	ST-SC0410	ST-CS002	ST-SPR04	ST-SC630	ST-WR0030

carbide 26

PCBN 66

diamond 86

ceramic 104

- TURNING
- GROOVING
- THREADING
- MILLING
- DRILLING
- ENDMILLS
- DRILLS
- SPARE PARTS
- INDEX

TURNING

GROOVING

THREADING

MILLING

DRILLING

ENDMILLS

DRILLS

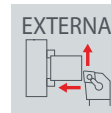
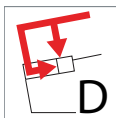
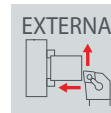
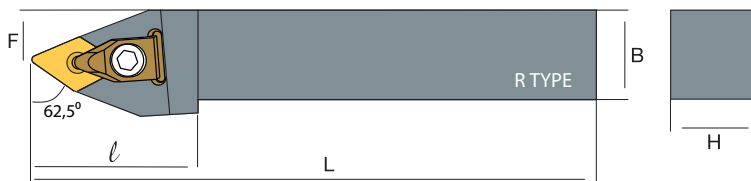
SPARE PARTS

INDEX

# DDNNN

NEGATIVE with hole

DN □ □



CN □ □	DESCRIPTION	STOCK	DIMENSIONS											
			H	B	L	F								
DN □ □1104	DDNNN 1616 H11	●	16	16	100	20	ST-SHDN11	ST-SC0410	ST-CS001	ST-SPR04	ST-SC523	ST-WR0030		
	2020 K11	●	20	20	125	25	ST-SHDN11	ST-SC0410	ST-CS001	ST-SPR04	ST-SC523	ST-WR0030		
	2525 M11	●	25	25	150	32	ST-SHDN11	ST-SC0410	ST-CS001	ST-SPR04	ST-SC523	ST-WR0030		
DN □ □1504	DDNNN 2020 K1504	●	20	20	125	25	ST-SHDN15	ST-SC0410	ST-CS002	ST-SPR04	ST-SC630	ST-WR0030		
	2525 M1504	●	25	25	150	32	ST-SHDN15	ST-SC0410	ST-CS002	ST-SPR04	ST-SC630	ST-WR0030		
	3232 P1504	●	32	32	170	40	ST-SHDN15	ST-SC0410	ST-CS002	ST-SPR04	ST-SC630	ST-WR0030		
DN □ □1506	DDNNN 2020 K15	●	20	20	125	25	ST-SHDN15	ST-SC0410	ST-CS002	ST-SPR04	ST-SC630	ST-WR0030		
	2525 M15	●	25	25	150	32	ST-SHDN15	ST-SC0410	ST-CS002	ST-SPR04	ST-SC630	ST-WR0030		
	3232 P15	●	32	32	170	40	ST-SHDN15	ST-SC0410	ST-CS002	ST-SPR04	ST-SC630	ST-WR0030		
	4040 S15	●	40	40	250	50	ST-SHDN15	ST-SC0410	ST-CS002	ST-SPR04	ST-SC630	ST-WR0030		

carbide 26

PCBN 66

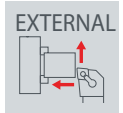
diamond 86

ceramic 104

### PDJN

NEGATIVE  
 with hole

DN □ □

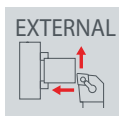
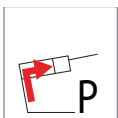


DN □ □	DESCRIPTION			STOCK		DIMENSIONS								
				R	L	H	B	L	F					
DN □ □1506	PDJNR/L	2020	K15	●	●	20	20	125	25	ST-SHDN15	ST-SPR001	ST-LV001	ST-SC820	ST-WR0030
		2525	M15	●	●	25	25	150	32	ST-SHDN15	ST-SPR001	ST-LV001	ST-SC820	ST-WR0030
		3232	P15	●	●	32	32	170	40	ST-SHDN15	ST-SPR001	ST-LV001	ST-SC820	ST-WR0030
		4040	S15	●	●	40	40	250	50	ST-SHDN15	ST-SPR001	ST-LV001	ST-SC820	ST-WR0030

### PDNNN

NEGATIVE  
 with hole

DN □ □



DN □ □	DESCRIPTION			STOCK		DIMENSIONS								
						H	B	L	F					
DN □ □1506	PDNNN	2020	K15	●	●	20	20	125	25	ST-SHDN15	ST-SPR001	ST-LV001	ST-SC820	ST-WR0030
		2525	M15	●	●	25	25	150	32	ST-SHDN15	ST-SPR001	ST-LV001	ST-SC820	ST-WR0030
		3232	P15	●	●	32	32	170	40	ST-SHDN15	ST-SPR001	ST-LV001	ST-SC820	ST-WR0030
		4040	S15	●	●	40	40	250	50	ST-SHDN15	ST-SPR001	ST-LV001	ST-SC820	ST-WR0030

carbide 26

PCBN 66

diamond 86

ceramic 104

TURNING

GROOVING

THREADING

MILLING

DRILLING

ENDMILLS

DRILLS

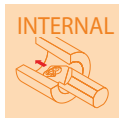
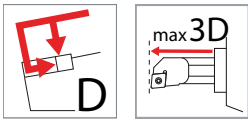
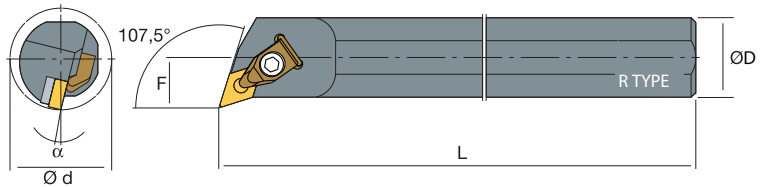
SPARE PARTS

INDEX

### S DDQN

NEGATIVE with hole

DN □ □

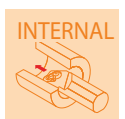
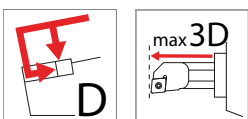
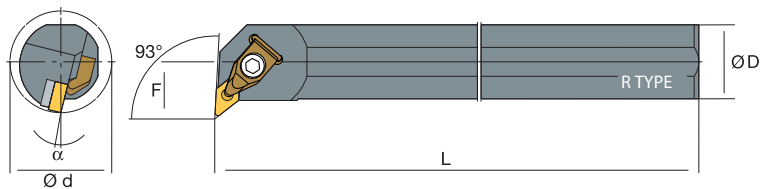


DN □ □	DESCRIPTION	STOCK		DIMENSIONS											
		R	L	ØD	Ød	L	F								
DN □ □1104	S25S DDQNR/L	11	● ●	25	32	250	17	ST-SHDN11	ST-SC0410	ST-CS002	ST-SPR04	ST-SC523	ST-WR0030		
	S32T	11	● ●	32	40	300	22	ST-SHDN11	ST-SC0410	ST-CS002	ST-SPR04	ST-SC523	ST-WR0030		
DN □ □1506	S25S DDQNR/L	15	● ●	25	32	250	17	ST-SHDN15	ST-SC0410	ST-CS001	ST-SPR04	ST-SC630	ST-WR0030		
	S32T	15	● ●	32	40	300	22	ST-SHDN15	ST-SC0410	ST-CS001	ST-SPR04	ST-SC630	ST-WR0030		
	S40U	15	● ●	40	50	350	27	ST-SHDN15	ST-SC0410	ST-CS001	ST-SPR04	ST-SC630	ST-WR0030		
	S50V	15	● ●	50	63	400	35	ST-SHDN15	ST-SC0410	ST-CS001	ST-SPR04	ST-SC630	ST-WR0030		

### S DDUN

NEGATIVE with hole

DN □ □



DN □ □	DESCRIPTION	STOCK		DIMENSIONS											
		R	L	ØD	Ød	L	F								
DN □ □1104	S25S DDUNR/L	11	● ●	25	32	250	17	ST-SHDN11	ST-SC0410	ST-CS002	ST-SPR04	ST-SC523	ST-WR0030		
	S32T	11	● ●	32	40	300	22	ST-SHDN11	ST-SC0410	ST-CS002	ST-SPR04	ST-SC523	ST-WR0030		
DN □ □1506	S25S DDUNR/L	15	● ●	25	32	250	17	ST-SHDN15	ST-SC0410	ST-CS001	ST-SPR04	ST-SC630	ST-WR0030		
	S32T	15	● ●	32	40	300	22	ST-SHDN15	ST-SC0410	ST-CS001	ST-SPR04	ST-SC630	ST-WR0030		
	S40U	15	● ●	40	50	350	27	ST-SHDN15	ST-SC0410	ST-CS001	ST-SPR04	ST-SC630	ST-WR0030		
	S50V	15	● ●	50	63	400	35	ST-SHDN15	ST-SC0410	ST-CS001	ST-SPR04	ST-SC630	ST-WR0030		

carbide 26

PCBN 66

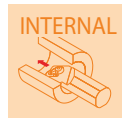
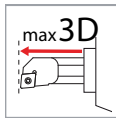
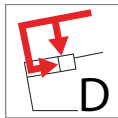
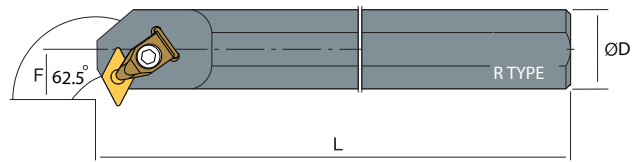
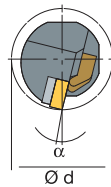
diamond 86

ceramic 104

### <sup>S</sup>DD-N

NEGATIVE  
with hole

DN □ □

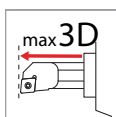
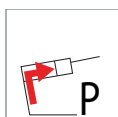
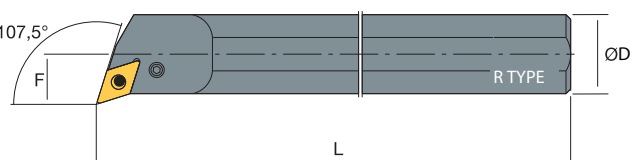


DN □ □	DESCRIPTION		STOCK		DIMENSIONS										
			R	L	ØD	Ød	L	F							
DN □ □1104	S25S	DD-NR/L	11	●	●	25	32	250	17	ST-SHDN11	ST-SC0410	ST-CS002	ST-SPR04	ST-SC523	ST-WR0030
	S32T	DD-NR/L	15	●	●	32	44	300	26	ST-SHDN15	ST-SC0410	ST-CS001	ST-SPR04	ST-SC630	ST-WR0030
DN □ □1506	S40U		15	●	●	40	52	350	29	ST-SHDN15	ST-SC0410	ST-CS001	ST-SPR04	ST-SC630	ST-WR0030
	S50V		15	●	●	50	67	400	35	ST-SHDN15	ST-SC0410	ST-CS001	ST-SPR04	ST-SC630	ST-WR0030

### <sup>S</sup>PDQN

NEGATIVE  
with hole

DN □ □



DN □ □	DESCRIPTION		STOCK		DIMENSIONS									
			R	L	ØD	Ød	L	F						
DN □ □1506	S25S	PDQNR/L	15	●	●	25	40	250	17	ST-SHDN15	ST-SPR001	ST-LV001	ST-SC820	ST-WR0030
	S32T		15	●	●	32	40	300	22	ST-SHDN15	ST-SPR001	ST-LV001	ST-SC820	ST-WR0030
	S40U		15	●	●	40	50	350	27	ST-SHDN15	ST-SPR001	ST-LV001	ST-SC820	ST-WR0030
	S50V		15	●	●	50	63	400	35	ST-SHDN15	ST-SPR001	ST-LV001	ST-SC820	ST-WR0030

carbide 26

PCBN 66

diamond 86

ceramic 104

TURNING

GROOVING

THREADING

MILLING

DRILLING

ENDMILLS

DRILLS

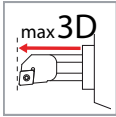
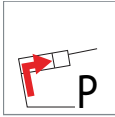
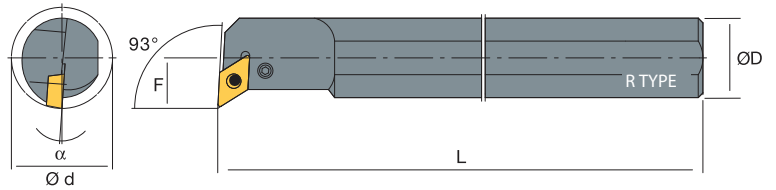
SPARE PARTS

INDEX

# sPDUN

NEGATIVE with hole

DN □ □



DN □ □	DESCRIPTION		STOCK		DIMENSIONS								
			R	L	ØD	Ød	L	F					
DN □ □1506	S32T	PDUNR/L	15	● ●	32	40	300	22	ST-SHDN15	ST-SPR001	ST-LV001	ST-SC820	ST-WR0030
	S40U		15	● ●	40	50	350	27	ST-SHDN15	ST-SPR001	ST-LV001	ST-SC820	ST-WR0030
	S50V		15	● ●	50	63	400	35	ST-SHDN15	ST-SPR001	ST-LV001	ST-SC820	ST-WR0030

carbide 26

PCBN 66

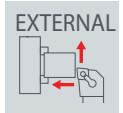
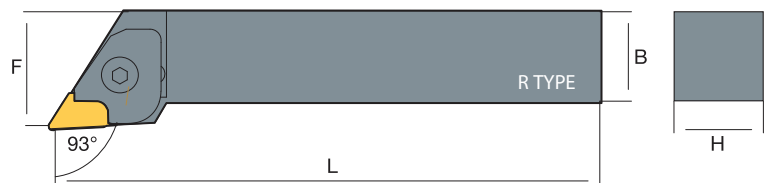
diamond 86

ceramic 104

### CKJN

NEGATIVE  
without hole

KN □ □

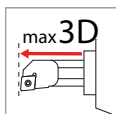
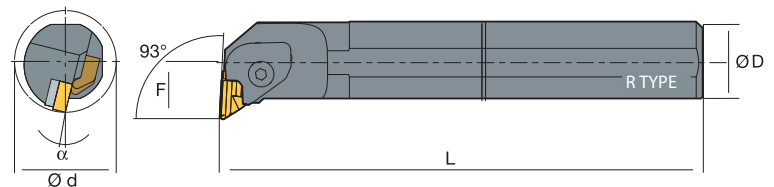


KN □ □	DESCRIPTION			STOCK		DIMENSIONS									
				R	L	H	B	L	F						
KN□N1604	CKJNR/L	2020	K16	●	●	25	25	125		ST-SHKN16	ST-SC0310	ST-CS011	-	ST-SC630	ST-WR0050
		2525	M16	●	●	25	25	150		ST-SHKN16	ST-SC0310	ST-CS011	-	ST-SC630	ST-WR0050
		3232	P16	●	●	32	32	170		ST-SHKN16	ST-SC0310	ST-CS011	-	ST-SC630	ST-WR0050
		4040	S16	●	●	40	40	250		ST-SHKN16	ST-SC0310	ST-CS011	-	ST-SC630	ST-WR0050

### <sup>S</sup>CKUN

NEGATIVE  
without hole

KN □ □



KN □ □	DESCRIPTION			STOCK		DIMENSIONS									
				R	L	ØD	Ød	L	F						
KN□□1604	S25S	CKUNR/L	16	●	●	25	34	250	17	ST-SHKN16	ST-SC0310	ST-CS011	-	ST-SC630	ST-WR0050
	S28S		16	●	●	28	38	290	17	ST-SHKN16	ST-SC0310	ST-CS011	-	ST-SC630	ST-WR0050
	S32T		16	●	●	32	40	300	22	ST-SHKN16	ST-SC0310	ST-CS011	-	ST-SC630	ST-WR0050
	S40U		16	●	●	40	50	350	27	ST-SHKN16	ST-SC0310	ST-CS011	-	ST-SC630	ST-WR0050
	S50V		16	●	●	50	63	400	35	ST-SHKN16	ST-SC0310	ST-CS001	ST-SPR04	ST-SC630	ST-WR0030

carbide

29

TURNING

GROOVING

THREADING

MILLING

DRILLING

ENDMILLS

DRILLS

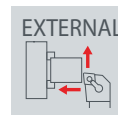
SPARE PARTS

INDEX

# CRDCN

POSITIVE  
 without hole

RC □ □



RC □ □	DESCRIPTION			STOCK		DIMENSIONS									
				R	L	H	B	L	F						
RCGX0606	CRDCN	2020	K06	●	●	20	20	125	10	ST-SHRC06	ST-SCRC6	ST-CSRC6	-	ST-SCRC6	ST-WR0040
		2525	M06	●	●	25	25	150	12.5	ST-SHRC06	ST-SCRC6	ST-CSRC6	-	ST-SCRC6	ST-WR0040
		3232	P06	●	●	32	32	170	16	ST-SHRC06	ST-SCRC6	ST-CSRC6	-	ST-SCRC6	ST-WR0040
		4040	S06	●	●	40	40	250	20	ST-SHRC06	ST-SCRC6	ST-CSRC6	-	ST-SCRC6	ST-WR0040
RCGX0907	CRDCN	2020	K09	●	●	20	20	125	10	ST-SHRC06	ST-SCRC9	ST-CSRC9	-	ST-SCRC9	ST-WR0040
		2525	M09	●	●	25	25	150	12.5	ST-SHRC06	ST-SCRC9	ST-CSRC9	-	ST-SCRC9	ST-WR0040
		3232	P09	●	●	32	32	170	16	ST-SHRC06	ST-SCRC9	ST-CSRC9	-	ST-SCRC9	ST-WR0040
		4040	S09	●	●	40	40	250	20	ST-SHRC06	ST-SCRC9	ST-CSRC9	-	ST-SCRC9	ST-WR0040
RCGX1207	CRDCN	2020	K12	●	●	20	20	125	10	ST-SHRC06	ST-SCR12	ST-CSR12	-	ST-SCR12	ST-WR0040
		2525	M12	●	●	25	25	150	12.5	ST-SHRC06	ST-SCR12	ST-CSR12	-	ST-SCR12	ST-WR0040
		3232	P12	●	●	32	32	170	16	ST-SHRC06	ST-SCR12	ST-CSR12	-	ST-SCR12	ST-WR0040
		4040	S12	●	●	40	40	250	20	ST-SHRC06	ST-SCR12	ST-CSR12	-	ST-SCR12	ST-WR0040
RCGX1510	CRDCN	2020	K15	●	●	20	20	125	10	ST-SHRC06	ST-SCR15	ST-CSR15	-	ST-SCR15	ST-WR0040
		2525	M15	●	●	25	25	150	12.5	ST-SHRC06	ST-SCR15	ST-CSR15	-	ST-SCR15	ST-WR0040
		3232	P15	●	●	32	32	170	16	ST-SHRC06	ST-SCR15	ST-CSR15	-	ST-SCR15	ST-WR0040
		4040	S15	●	●	40	40	250	20	ST-SHRC06	ST-SCR15	ST-CSR15	-	ST-SCR15	ST-WR0040
RCGX1910	CRDCN	2020	K19	●	●	20	20	125	10	ST-SHRC06	ST-SCR19	ST-CSR19	-	ST-SCR19	ST-WR0040
		2525	M19	●	●	25	25	150	12.5	ST-SHRC06	ST-SCR19	ST-CSR19	-	ST-SCR19	ST-WR0040
		3232	P19	●	●	32	32	170	16	ST-SHRC06	ST-SCR19	ST-CSR19	-	ST-SCR19	ST-WR0040
		4040	S19	●	●	40	40	250	20	ST-SHRC06	ST-SCR19	ST-CSR19	-	ST-SCR19	ST-WR0040
RCGX2512	CRDCN	2020	K25	●	●	20	20	125	10	ST-SHRC06	ST-SCR25	ST-CSR25	-	ST-SCR25	ST-WR0040
		2525	M25	●	●	25	25	150	12.5	ST-SHRC06	ST-SCR25	ST-CSR25	-	ST-SCR25	ST-WR0040
		3232	P25	●	●	32	32	170	16	ST-SHRC06	ST-SCR25	ST-CSR25	-	ST-SCR25	ST-WR0040
		4040	S25	●	●	40	40	250	20	ST-SHRC06	ST-SCR25	ST-CSR25	-	ST-SCR25	ST-WR0040

ceramic

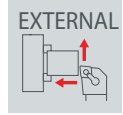
106



# SRDCN

POSITIVE 7°  
with hole

RC □ □



RC □ □	DESCRIPTION			STOCK	DIMENSIONS									
					H	B	L	F						
RC □ □0602	SRDCN	1616	H06	●	16	16	100	8	ST-SC2507	ST-WRT08	-	-		
		2020	K06	●	20	20	125	10	ST-SC2507	ST-WRT08	-	-		
		2525	M06	●	25	25	150	12.5	ST-SC2507	ST-WRT08	-	-		
RC □ □0803	SRDCN	1616	H08	●	16	16	100	8	ST-SC3009	ST-WRT08	-	-		
		2020	K08	●	20	20	125	10	ST-SC3009	ST-WRT08	-	-		
		2525	M08	●	25	25	150	12.5	ST-SC3009	ST-WRT08	-	-		
		3232	P08	●	32	32	170	16	ST-SC3009	ST-WRT08	-	-		
RC □ □1003	SRDCN	1616	H10	●	16	16	100	8	ST-SC3511	ST-WRT15	-	-		
		2020	K10	●	20	20	125	10	ST-SC3511	ST-WRT15	-	-		
		2525	M10	●	25	25	150	12.5	ST-SC3511	ST-WRT15	-	-		
		3232	P10	●	32	32	170	16	ST-SC3511	ST-WRT15	-	-		
RC □ □1204	SRDCN	2020	K12	●	20	20	125	10	ST-SC3511	ST-WRT15	-	-		
		2525	M12	●	25	25	150	12.5	ST-SC3511	ST-WRT15	-	-		
		3232	P12	●	32	32	170	16	ST-SC3511	ST-WRT15	-	-		
RC □ □1605	SRDCN	2525	M16	●	25	25	150	12.5	ST-SC0512	ST-WRT20	-	-		
		3232	P16	●	32	32	170	16	ST-SC0512	ST-WRT20	-	-		
RC □ □2006	SRDCN	2525	M20	●	25	25	150	12.5	ST-SC0616	ST-WRT20	-	-		
		3232	P20	●	32	32	170	16	ST-SC0616	ST-WRT20	-	-		
		4040	S20	●	40	40	250	20	ST-SC3514	ST-WRT20	-	-		

TURNING

GROOVING

THREADING

MILLING

DRILLING

ENDMILLS

DRILLS

SPARE PARTS

INDEX

carbide

30

TURNING

GROOVING

THREADING

MILLING

DRILLING

ENDMILLS

DRILLS

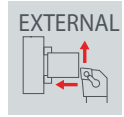
SPARE PARTS

INDEX

# SRGC

POSITIVE 7° with hole

RC □ □



RC □ □	DESCRIPTION			STOCK		DIMENSIONS				ST-SC		ST-WRT					
				R	L	H	B	L	F								
RC □ □0602	SRGCR/L	1616	H06	●	●	16	16	100	20	ST-SC2507	ST-WRT08	-	-				
		2020	K06	●	●	20	20	125	25	ST-SC2507	ST-WRT08	-	-				
		2525	M06	●	●	25	25	150	32	ST-SC2507	ST-WRT08	-	-				
RC □ □0803	SRGCR/L	1616	H08	●	●	16	16	100	20	ST-SC3009	ST-WRT08	-	-				
		2020	K08	●	●	20	20	125	25	ST-SC3009	ST-WRT08	-	-				
		2525	M08	●	●	25	25	150	32	ST-SC3009	ST-WRT08	-	-				
		3232	P08	●	●	32	32	170	40	ST-SC3009	ST-WRT08	-	-				
RC □ □1003	SRGCR/L	1616	H10	●	●	16	16	100	20	ST-SC3511	ST-WRT15	-	-				
		2020	K10	●	●	20	20	125	25	ST-SC3511	ST-WRT15	-	-				
		2525	M10	●	●	25	25	150	32	ST-SC3511	ST-WRT15	-	-				
		3232	P10	●	●	32	32	170	40	ST-SC3511	ST-WRT15	-	-				
RC □ □1204	SRGCR/L	2020	K12	●	●	20	20	125	25	ST-SC3511	ST-WRT15	-	-				
		2525	M12	●	●	25	25	150	32	ST-SC3511	ST-WRT15	-	-				
		3232	P12	●	●	32	32	170	40	ST-SC3511	ST-WRT15	-	-				
RC □ □1605	SRGCR/L	2525	M16	●	●	25	25	150	32	ST-SC0512	ST-WRT20	-	-				
		3232	P16	●	●	32	32	170	40	ST-SC0512	ST-WRT20	-	-				
RC □ □2006	SRGCR/L	2525	M20	●	●	25	25	150	32	ST-SC0616	ST-WRT20	-	-				
		3232	P20	●	●	32	32	170	40	ST-SC0616	ST-WRT20	-	-				

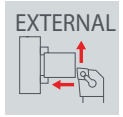
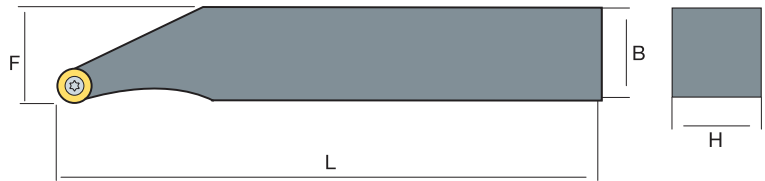
carbide

30

# SRHC

POSITIVE 7°  
with hole

RC □ □



RC □ □	DESCRIPTION				STOCK	DIMENSIONS									
						H	B	L	F						
RC □ □10T3	SRHCR/L	2020	K10	●	20	20	120	20	ST-SC3511	ST-WRT15	-	-			
		2525	M10	●	25	25	125	25	ST-SC3511	ST-WRT15	-	-			
RC □ □1204	SRHCR/L	2020	K12	●	20	20	120	20	ST-SC3514	ST-WRT15	-	-			
		2525	M12	●	25	25	125	25	ST-SC3514	ST-WRT15	-	-			
RC □ □1606	SRHCR/L	2020	K16	●	20	20	120	20	ST-SC0512	ST-WRT20	-	-			
		2525	M16	●	25	25	125	25	ST-SC0512	ST-WRT20	-	-			

TURNING

GROOVING

THREADING

MILLING

DRILLING

ENDMILLS

DRILLS

SPARE PARTS

INDEX

carbide

30

TURNING

GROOVING

THREADING

MILLING

DRILLING

ENDMILLS

DRILLS

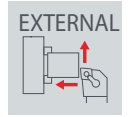
SPARE PARTS

INDEX

# SSSDCN

POSITIVE 7°  
 with hole

SC □ □



SC □ □	DESCRIPTION			STOCK	DIMENSIONS				←	←					
					H	B	L	F							
SC □ □09T3	SSSDCN	1212	F09	●	12	12	80	6	ST-SC3511	ST-WRT15	-	-			
		1616	H09	●	16	16	100	8	ST-SC3514	ST-WRT15	ST-SHSC09	ST-SC5011			
		2020	K09	●	20	20	125	10	ST-SC3514	ST-WRT15	ST-SHSC09	ST-SC5011			
		2525	M09	●	25	25	150	12.5	ST-SC3514	ST-WRT15	ST-SHSC09	ST-SC5011			
SC □ □1204	SSSDCN	1616	H12	●	16	16	100	8	ST-SC4016	ST-WRT15	ST-SHSC12	ST-SC6011			
		2020	K12	●	20	20	125	10	ST-SC4016	ST-WRT15	ST-SHSC12	ST-SC6011			
		2525	M12	●	25	25	150	12.5	ST-SC4016	ST-WRT15	ST-SHSC12	ST-SC6011			

carbide

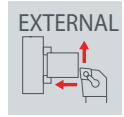




31

# SSSC

POSITIVE 7°  
 with hole

SC □ □



SC □ □	DESCRIPTION			STOCK		DIMENSIONS									
				R	L	H	B	L	F						
SC □ □09T3	SSSCR/L	1212	F09	●	●	12	12	80	16	ST-SC3511	ST-WRT15	-	-		
		1616	H09	●	●	16	16	100	20	ST-SC3511	ST-WRT15	ST-SHSC09	ST-SC5011		
		2020	K09	●	●	20	20	125	25	ST-SC3511	ST-WRT15	ST-SHSC09	ST-SC5011		
		2525	M09	●	●	25	25	150	32	ST-SC3511	ST-WRT15	ST-SHSC09	ST-SC5011		
SC □ □1204	SSSCR/L	1616	H12	●	●	16	16	100	20	ST-SC4016	ST-WRT15	ST-SHSC12	ST-SC6011		
		2020	K12	●	●	20	20	125	25	ST-SC4016	ST-WRT15	ST-SHSC12	ST-SC6011		
		2525	M12	●	●	25	25	150	32	ST-SC4016	ST-WRT15	ST-SHSC12	ST-SC6011		

TURNING

GROOVING

THREADING

MILLING

DRILLING

ENDMILLS

DRILLS

SPARE PARTS

INDEX

carbide

31

TURNING

GROOVING

THREADING

MILLING

DRILLING

ENDMILLS

DRILLS

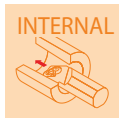
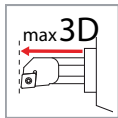
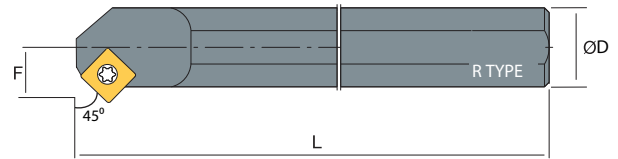
SPARE PARTS

INDEX

### <sup>s</sup>SSSC

POSITIVE 7° with hole

SC □ □

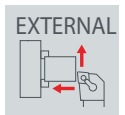
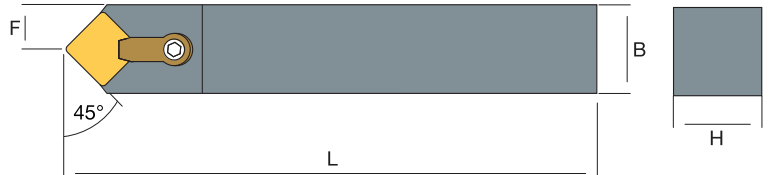


SC □ □	DESCRIPTION			STOCK		DIMENSIONS									
				R	L	ØD	Ød	L	F						
SC □ □09T3	S16P	SSSCR/L	09	●	●	16	>21	170	11	ST-SC3511	ST-WRT15	-	-		
	S20R		09	●	●	20	>25	200	13	ST-SC3511	ST-WRT15	-	-		
	S25S		09	●	●	25	>32	250	17	ST-SC3514	ST-WRT15	ST-SHSC09	ST-SC5011		
SC □ □1204	S32T	SSSCR/L	12	●	●	32	>40	300	22	ST-SC4016	ST-WRT20	ST-SHSC12	ST-SC6011		
	S40T		12	●	●	40	>50	350	27	ST-SC4016	ST-WRT20	ST-SHSC12	ST-SC6011		

### CSDNN

NEGATIVE without hole

SN □ □



SN □ □	DESCRIPTION			STOCK		DIMENSIONS									
						H	B	L	F						
SN □ □1207	CSDNN	2525	M12	●		25	25	150	32	ST-SHSN12	ST-SC0410	ST-CS010	ST-SR001	ST-SC630	ST-WR0030
		3232	P12	●		32	32	170	40	ST-SHSN12	ST-SC0410	ST-CS010	ST-SR001	ST-SC630	ST-WR0030

carbide

31

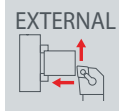
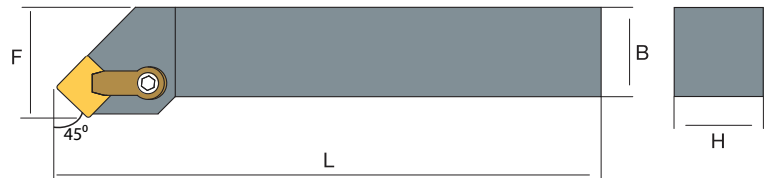
ceramic

108

### CSSN

NEGATIVE  
 without hole

SN □ □

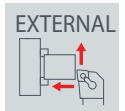
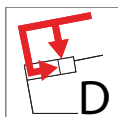


SN □ □	DESCRIPTION			STOCK		DIMENSIONS									
				R	L	H	B	L	F						
SN□N1207	CSSNN	2525	M12	●	●	25	25	150	32	ST-SHSN12	ST-SC0410	ST-CS010	ST-SR001	ST-SC630	ST-WR0030
		3232	P12	●	●	32	32	170	40	ST-SHSN12	ST-SC0410	ST-CS010	ST-SR001	ST-SC630	ST-WR0030

### DSDNN

NEGATIVE  
 with hole

SN □ □



SN □ □	DESCRIPTION			STOCK	DIMENSIONS									
					H	B	L	F						
SN□□1204	DSDNN	2020	K12	●	20	20	125	10	ST-SHSN12	ST-SC0410	ST-CS001	ST-SPR04	ST-SC630	ST-WR0030
		2525	M12	●	25	25	150	12.5	ST-SHSN12	ST-SC0410	ST-CS001	ST-SPR04	ST-SC630	ST-WR0030
		3232	P12	●	32	32	170	16	ST-SHSN12	ST-SC0410	ST-CS001	ST-SPR04	ST-SC630	ST-WR0030
SN□□1504	DSDNN	2525	M15	●	25	25	150	12.5	ST-SHSN15	ST-SC6169	ST-CS003	-	ST-SC6307	ST-WR0040
		3232	P15	●	32	32	170	16	ST-SHSN15	ST-SC6169	ST-CS003	-	ST-SC6307	ST-WR0040
		4040	S15	●	40	40	250	20	ST-SHSN15	ST-SC6169	ST-CS003	-	ST-SC6307	ST-WR0040

carbide 32

PCBN 70

ceramic 108

TURNING

GROOVING

THREADING

MILLING

DRILLING

ENDMILLS

DRILLS

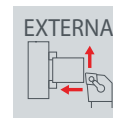
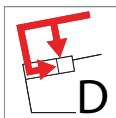
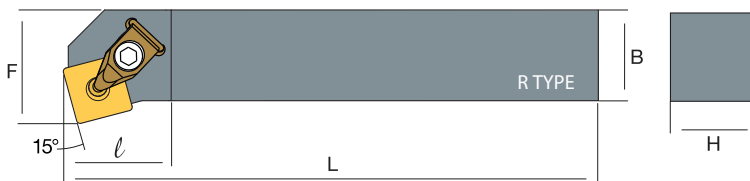
SPARE PARTS

INDEX

### DSKN

NEGATIVE with hole

SN □ □

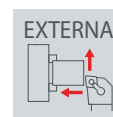
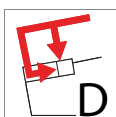


SN □ □	DESCRIPTION			STOCK		DIMENSIONS									
				R	L	H	B	L	F						
SN □ □1204	DSKNR/L	2020	K12	●	●	20	20	125	25	ST-SHSN12	ST-SC0410	ST-CS001	ST-SPR04	ST-SC630	ST-WR0030
		2525	M12	●	●	25	25	150	32	ST-SHSN12	ST-SC0410	ST-CS001	ST-SPR04	ST-SC630	ST-WR0030
		3232	P12	●	●	32	32	170	40	ST-SHSN12	ST-SC0410	ST-CS001	ST-SPR04	ST-SC630	ST-WR0030
SN □ □1504	DSKNR/L	2525	M15	●	●	25	25	150	32	ST-SHSN15	ST-SC0616	ST-CS003	-	ST-SC6307	ST-WR0040
		3232	P15	●	●	32	32	170	40	ST-SHSN15	ST-SC0616	ST-CS003	-	ST-SC6307	ST-WR0040

### DSSN

NEGATIVE with hole

SN □ □



SN □ □	DESCRIPTION			STOCK		DIMENSIONS									
				R	L	H	B	L	F						
SN □ □1204	DSSNR/L	2020	K12	●	●	20	20	125	25	ST-SHSN12	ST-SC0410	ST-CS001	ST-SPR04	ST-SC630	ST-WR0030
		2525	M12	●	●	25	25	150	32	ST-SHSN12	ST-SC0410	ST-CS001	ST-SPR04	ST-SC630	ST-WR0030
		3232	P12	●	●	32	32	170	40	ST-SHSN12	ST-SC0410	ST-CS001	ST-SPR04	ST-SC630	ST-WR0030
SN □ □1504	DSSNR/L	2525	M15	●	●	25	25	150	32	ST-SHSN15	ST-SC6169	ST-CS003	-	ST-SC6307	ST-WR0040
		3232	P15	●	●	32	32	170	40	ST-SHSN15	ST-SC6169	ST-CS003	-	ST-SC6307	ST-WR0040
		4040	S15	●	●	40	40	250	50	ST-SHSN15	ST-SC6169	ST-CS003	-	ST-SC6307	ST-WR0040

carbide

31

PCBN

70

ceramic

108

















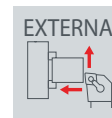
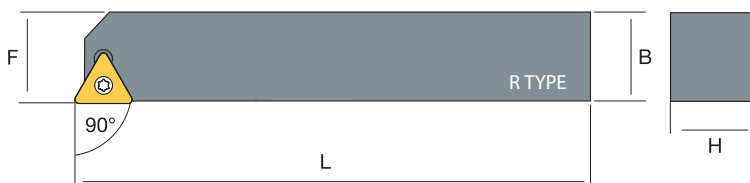
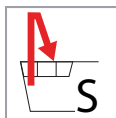






# STJC

POSITIVE 7°  
 with hole

TC □ □



TC □ □	DESCRIPTION			STOCK		DIMENSIONS										
				R	L	H	B	L	F	α						
TC □ □0902	STJCR/L	0808	E09	●	●	08	08	70	10		ST-SC0226	ST-WRT07	-	-		
		1010	E09	●	●	10	10	70	12		ST-SC0257	ST-WRT07	-	-		
TC □ □1102	STJCR/L	1212	F11	●	●	12	12	80	16		ST-SC0257	ST-WRT08	-	-		
		1616	H11	●	●	16	16	100	20		ST-SC0257	ST-WRT08	-	-		
TC □ □16T3	STJCR/L	1616	H16	●	●	16	16	100	20		ST-SC3514	ST-WRT15	ST-SHTC16	ST-SC5011		
		2020	K16	●	●	20	20	125	25		ST-SC3514	ST-WRT15	ST-SHTC16	ST-SC5011		
		2525	M16	●	●	25	25	150	32		ST-SC3514	ST-WRT15	ST-SHTC16	ST-SC5011		
		3232	P16	●	●	32	32	170	40		ST-SC3514	ST-WRT15	ST-SHTC16	ST-SC5011		

carbide   36

PCBN   71

diamond   87

TURNING

GROOVING

THREADING

MILLING

DRILLING

ENDMILLS

DRILLS

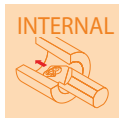
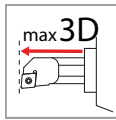
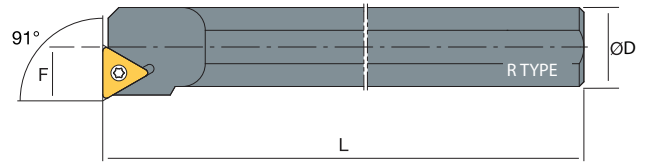
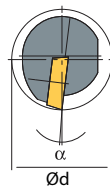
SPARE PARTS

INDEX

### <sup>s</sup>STFC

POSITIVE 7° with hole

TC □ □



TC □ □	DESCRIPTION			STOCK		DIMENSIONS				←		←				
				R	L	ØD	Ød	L	F							
TC □ □06T1	S0610F	STFCR/L	06	●	●	10	>08	125	04		ST-SC0204	ST-WRT06	-	-		
TC □ □0902	S10K	STFCR/L	09	●	●	10	>13	125	07		ST-SC0226	ST-WRT07	-	-		
	S12K		09	●	●	12	>17	125	09		ST-SC0226	ST-WRT07	-	-		
TC □ □1102	S10K	STFCR/L	11	●	●	10	>13	125	07		ST-SC0257	ST-WRT08	-	-		
	S12K		11	●	●	12	>17	125	09		ST-SC0257	ST-WRT08	-	-		
	S16P		11	●	●	16	>21	170	11		ST-SC0257	ST-WRT08	-	-		
	S20R		11	●	●	20	>25	200	13		ST-SC0257	ST-WRT08	-	-		
TC □ □16T3	S16P	STFCR/L	16	●	●	16	>21	170	11		ST-SC3511	ST-WRT15	-	-		
	S20R		16	●	●	20	>25	200	13		ST-SC3511	ST-WRT15	-	-		
	S25S		16	●	●	25	>32	250	17		ST-SC3514	ST-WRT15	ST-SHTC16	ST-SC5011		
	S32T		16	●	●	32	>40	300	22		ST-SC3514	ST-WRT15	ST-SHTC16	ST-SC5011		
	S40T		16	●	●	40	>50	350	27		ST-SC3514	ST-WRT15	ST-SHTC16	ST-SC5011		

carbide 36

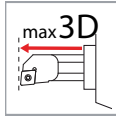
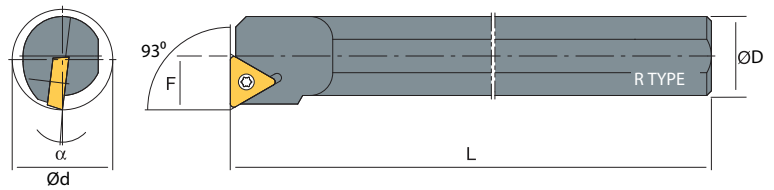
PCBN 71

diamond 87

# s<sup>s</sup>STUC

POSITIVE 7°  
with hole

# TC



TC	DESCRIPTION		STOCK		DIMENSIONS				ST-SC	ST-WRT	ST-SHTC	ST-SC		
			R	L	ØD	Ød	L	F						
TC 0902	S10K	STUCR/L	09	● ●	10	>13	125	07	ST-SC0226	ST-WRT07	-	-		
	S12K		09	● ●	12	>17	125	09	ST-SC0226	ST-WRT07	-	-		
TC 1102	S10K	STUCR/L	11	● ●	10	>13	125	07	ST-SC0257	ST-WRT08	-	-		
	S12K		11	● ●	12	>17	125	09	ST-SC0257	ST-WRT08	-	-		
	S16P		11	● ●	16	>21	170	11	ST-SC0257	ST-WRT08	-	-		
	S20R		11	● ●	20	>25	200	13	ST-SC0257	ST-WRT08	-	-		
TC 16T3	S16P	STUCR/L	16	● ●	16	>21	170	11	ST-SC3511	ST-WRT15	-	-		
	S20R		16	● ●	20	>25	200	13	ST-SC3511	ST-WRT15	-	-		
	S25S		16	● ●	25	>32	250	17	ST-SC3514	ST-WRT15	ST-SHTC16	ST-SC5011		
	S32T		16	● ●	32	>40	300	22	ST-SC3514	ST-WRT15	ST-SHTC16	ST-SC5011		
	S40T		16	● ●	40	>50	350	27	ST-SC3514	ST-WRT15	ST-SHTC16	ST-SC5011		

carbide 36

PCBN 71

diamond 87

TURNING

GROOVING

THREADING

MILLING

DRILLING

ENDMILLS

DRILLS

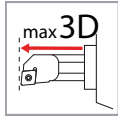
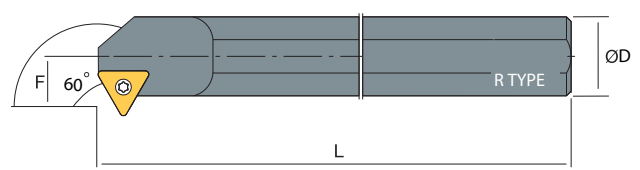
SPARE PARTS

INDEX

### <sup>s</sup>ST-C

POSITIVE 7°  
with hole

TC □ □



TC □ □	DESCRIPTION			STOCK		DIMENSIONS										
				R	L	ØD	Ød	L	F							
TC □ □0902	S12K	ST-CR/L	09	●	●	12	>17	125	09							
TC □ □1102	S12K	ST-CR/L	11	●	●	12	>17	125	09	ST-SC0226	ST-WRT07	-	-			
	S16P		11	●	●	16	>21	170	11	ST-SC0257	ST-WRT08	-	-			
TC □ □16T3	S20R		11	●	●	20	>25	200	13	ST-SC0257	ST-WRT08	-	-			
	S16P	ST-CR/L	16	●	●	16	>21	170	11	ST-SC3511	ST-WRT15	-	-			
	S20R		16	●	●	20	>25	200	13	ST-SC3514	ST-WRT15	ST-SHTC16	ST-SC5011			
	S25S		16	●	●	25	>32	250	17	ST-SC3514	ST-WRT15	ST-SHTC16	ST-SC5011			
	S32T		16	●	●	32	>40	300	22	ST-SC3514	ST-WRT15	ST-SHTC16	ST-SC5011			
	S40T		16	●	●	40	>50	350	27	ST-SC3514	ST-WRT15	ST-SHTC16	ST-SC5011			

carbide 36

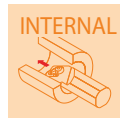
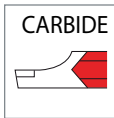
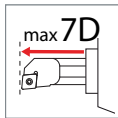
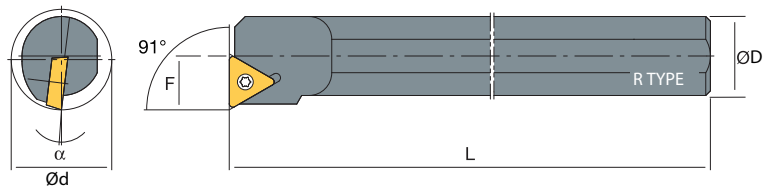
PCBN 71

diamond 87

### C STFC

POSITIVE 7°  
with hole

TC □ □

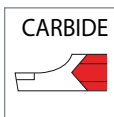
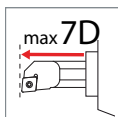
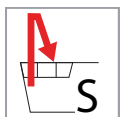
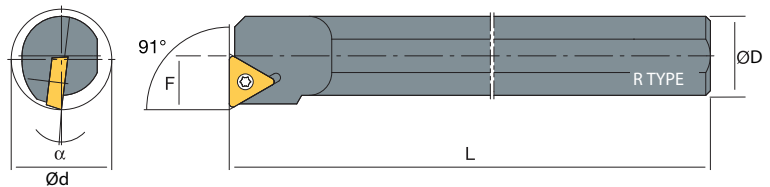


TC □ □	DESCRIPTION			STOCK		DIMENSIONS				ST-SC02555		ST-WRT08			
				R	L	ØD	Ød	L	F						
TC □ □1102	C10L	STFCR/L	11	●	●	10	>12	160	09			-	-		
	C12Q		11	●	●	12	>16	180	11			-	-		
	C16X		11	●	●	16	>20	220	15			-	-		
	C20S		11	●	●	20	>25	250	19			-	-		
	C25T		11	●	●	25	>32	300	24			-	-		

### C STFP

POSITIVE 11°  
with hole

TP □ □



TP □ □	DESCRIPTION			STOCK		DIMENSIONS				ST-SC02245		ST-WRT06			
				R	L	ØD	Ød	L	F						
TP □ □0804	C08L	STFPR/L	08	●	●	08	>10	140	04			-	-		
TP □ □1103	C10N	STFPR/L	11	●	●	10	>12	160	09			-	-		
	C12Q		11	●	●	12	>16	180	11			-	-		
	C16X		11	●	●	16	>20	220	15			-	-		
	C20S		11	●	●	20	>25	250	19			-	-		
	C25T		11	●	●	25	>32	300	24			-	-		

carbide 41

PCBN 73

diamond 89

ceramic 112

TURNING

GROOVING

THREADING

MILLING

DRILLING

ENDMILLS

DRILLS

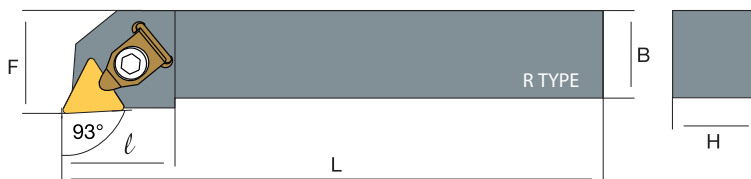
SPARE PARTS

INDEX

### CTJN

NEGATIVE without hole

TN □□

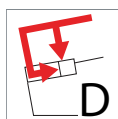


TN □□	DESCRIPTION			STOCK		DIMENSIONS									
				R	L	H	B	L	F						
TN□N1607	CTJNR/L	2525	M16	●	●	25	25	150	32	ST-SHTN16	ST-SC0410	ST-CS013	ST-SPR001	ST-SC630	ST-WR0030
		3232	P16	●	●	32	32	170	40	ST-SHTN16	ST-SC0410	ST-CS013	ST-SPR001	ST-SC630	ST-WR0030

### DTENN

NEGATIVE with hole

TN □□



TN □□	DESCRIPTION			STOCK	DIMENSIONS									
					H	B	L	F						
TN□□1604	DTENN	2020	K16	●	20	20	125	10	ST-SHTN16	ST-SC0410	ST-CS002	ST-SPR04	ST-SC525	ST-WR0030
		2525	M16	●	25	25	150	12.5	ST-SHTN16	ST-SC0410	ST-CS002	ST-SPR04	ST-SC525	ST-WR0030
		3232	P16	●	32	32	170	16	ST-SHTN16	ST-SC0410	ST-CS002	ST-SPR04	ST-SC525	ST-WR0030
TN□□2204	DTENN	2525	M22	●	25	25	150	12.5	ST-SHTN22	ST-SC0410	ST-CS001	ST-SPR04	ST-SC630	ST-WR0030
		3232	P22	●	32	32	170	16	ST-SHTN22	ST-SC0410	ST-CS001	ST-SPR04	ST-SC630	ST-WR0030
		4040	S22	●	40	40	250	20	ST-SHTN22	ST-SC0410	ST-CS001	ST-SPR04	ST-SC630	ST-WR0030

carbide 38

PCBN 72

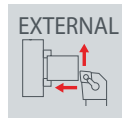
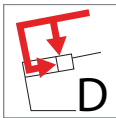
diamond 88

ceramic 110

### DTJN

NEGATIVE  
with hole

TN □ □

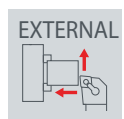
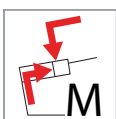


TN □ □	DESCRIPTION			STOCK		DIMENSIONS									
				R	L	H	B	L	F						
TN □ □1604	DTJNR/L	2020	K16	●	●	20	20	125	25	ST-SHTN16	ST-SC0410	ST-CS002	ST-SPR04	ST-SC525	ST-WR0030
		2525	M16	●	●	25	25	150	32	ST-SHTN16	ST-SC0410	ST-CS002	ST-SPR04	ST-SC525	ST-WR0030
		3232	P16	●	●	32	32	170	40	ST-SHTN16	ST-SC0410	ST-CS002	ST-SPR04	ST-SC525	ST-WR0030
TN □ □2204	DTJNR/L	2525	M22	●	●	25	25	150	32	ST-SHTN22	ST-SC0410	ST-CS001	ST-SPR04	ST-SC630	ST-WR0030
		3232	P22	●	●	32	32	170	40	ST-SHTN22	ST-SC0410	ST-CS001	ST-SPR04	ST-SC630	ST-WR0030
		4040	S22	●	●	40	40	250	50	ST-SHTN22	ST-SC0410	ST-CS001	ST-SPR04	ST-SC630	ST-WR0030

### MTENN

NEGATIVE  
with hole

TN □ □



TN □ □	DESCRIPTION			STOCK		DIMENSIONS									
						H	B	L	F						
TN □ □1604	MTENN	2020	K16	●		20	20	125	10	ST-SHTN16	ST-SP001	ST-CS006	ST-SC630	ST-WR0030	
		2525	M16	●		25	25	150	12.5	ST-SHTN16	ST-SP001	ST-CS006	ST-SC630	ST-WR0030	
		3232	P16	●		32	32	170	16	ST-SHTN16	ST-SP001	ST-CS006	ST-SC630	ST-WR0030	
TN □ □2204	MTENN	2525	M22	●		25	25	150	12.5	ST-SHTN22	ST-SP001	ST-CS006	ST-SC630	ST-WR0030	
		3232	P22	●		32	32	170	16	ST-SHTN22	ST-SP001	ST-CS006	ST-SC630	ST-WR0030	
		4040	S22	●		40	40	250	20	ST-SHTN22	ST-SP001	ST-CS006	ST-SC630	ST-WR0030	

carbide

38

PCBN

72

diamond

88

ceramic

110

TURNING

GROOVING

THREADING

MILLING

DRILLING

ENDMILLS

DRILLS

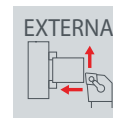
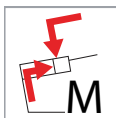
SPARE PARTS

INDEX

### MTJN

NEGATIVE with hole

TN □ □

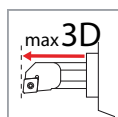
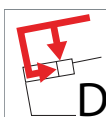
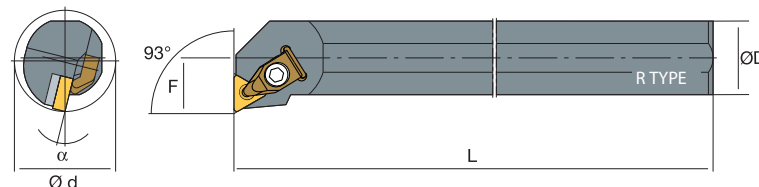


TN □ □	DESCRIPTION			STOCK		DIMENSIONS				□		□		□	
				R	L	H	B	L	F	□	□	□	□	□	□
TN □ □1604	MTJNR/L	2020	K16	●	●	20	20	125	10	ST-SHTN16	ST-SP001	ST-CS006	ST-SC630	ST-WR0030	
		2525	M16	●	●	25	25	150	12.5	ST-SHTN16	ST-SP001	ST-CS006	ST-SC630	ST-WR0030	
		3232	P16	●	●	32	32	170	16	ST-SHTN16	ST-SP001	ST-CS006	ST-SC630	ST-WR0030	
TN □ □2204	MTJNR/L	2525	M22	●	●	25	25	150	12.5	ST-SHTN22	ST-SP001	ST-CS006	ST-SC630	ST-WR0030	
		3232	P22	●	●	32	32	170	16	ST-SHTN22	ST-SP001	ST-CS006	ST-SC630	ST-WR0030	
		4040	S22	●	●	40	40	250	20	ST-SHTN22	ST-SP001	ST-CS006	ST-SC630	ST-WR0030	

### <sup>S</sup>DTUN

NEGATIVE with hole

TN □ □



TN □ □	DESCRIPTION			STOCK		DIMENSIONS				□		□		□	
				R	L	ØD	Ød	L	F	□	□	□	□	□	□
TN □ □1604	S25S	DTUNR/L	16	●	●	25	32	250	17	ST-SHTN16	ST-SC0410	ST-CS002	ST-SPR04	ST-SC523	ST-WR0030
	S32T		16	●	●	32	40	300	22	ST-SHTN16	ST-SC0410	ST-CS002	ST-SPR04	ST-SC523	ST-WR0030
TN □ □2204	S32T	DTUNR/L	22	●	●	32	40	300	22	ST-SHTN22	ST-SC0410	ST-CS001	ST-SPR04	ST-SC630	ST-WR0030
	S40U		22	●	●	40	50	350	27	ST-SHTN22	ST-SC0410	ST-CS001	ST-SPR04	ST-SC630	ST-WR0030
	S50V		22	●	●	50	53	400	35	ST-SHTN22	ST-SC0616	ST-CS001	ST-SPR04	ST-SC630	ST-WR0030

carbide

38

PCBN

72

diamond

88

ceramic

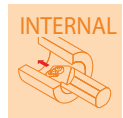
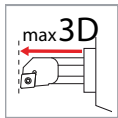
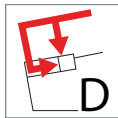
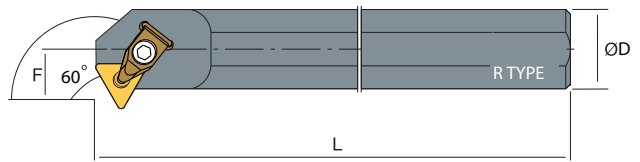
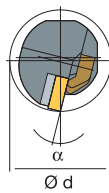
110



### <sup>S</sup>DT-N

NEGATIVE  
with hole

TN □ □

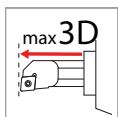
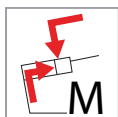
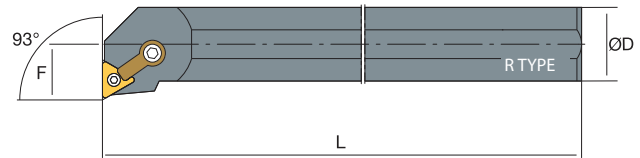
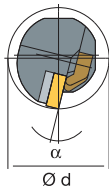


TN □ □	DESCRIPTION		STOCK		DIMENSIONS										
			R	L	ØD	Ød	L	F							
TN □ □1604	S25S	DT-NR/L	16	●	●	25	32	250	17	ST-SHTN16	ST-SC0410	ST-CS002	ST-SPR04	ST-SC523	ST-WR0030
	S32T		16	●	●	32	40	300	22	ST-SHTN16	ST-SC0410	ST-CS002	ST-SPR04	ST-SC523	ST-WR0030

### <sup>S</sup>MTUN

NEGATIVE  
with hole

TN □ □



TN □ □	DESCRIPTION		STOCK		DIMENSIONS									
			R	L	ØD	Ød	L	F						
TN □ □1604	S20R	MTUNR/L	16	●	●	20	25	200	13	-	-	ST-LV002	ST-SC523	ST-WR0030
	S25S	MTUNR/L	16	●	●	25	32	250	17	ST-SHTN16	ST-SP001	ST-LV001	ST-SC630	ST-WR0030
	S32T		16	●	●	32	40	300	22	ST-SHTN16	ST-SP001	ST-LV001	ST-SC630	ST-WR0030
	S40U		16	●	●	40	50	350	27	ST-SHTN16	ST-SP001	ST-LV001	ST-SC630	ST-WR0030
TN □ □2204	S32T	MTUNR/L	22	●	●	32	40	300	22	ST-SHTN22	ST-SP001	ST-LV001	ST-SC630	ST-WR0030
	S40U		22	●	●	40	50	350	27	ST-SHTN22	ST-SP001	ST-LV001	ST-SC630	ST-WR0030
	S50V		22	●	●	50	63	400	35	ST-SHTN22	ST-SP001	ST-LV001	ST-SC630	ST-WR0030

carbide 38

PCBN 72

diamond 88

ceramic 110

TURNING

GROOVING

THREADING

MILLING

DRILLING

ENDMILLS

DRILLS

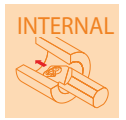
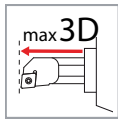
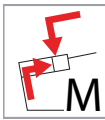
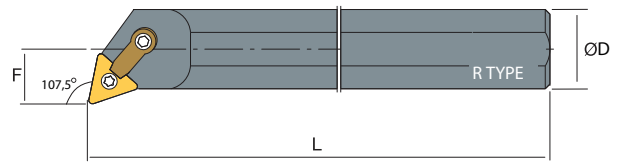
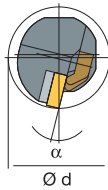
SPARE PARTS

INDEX

### SMTQN

NEGATIVE  
 with hole

TN □ □

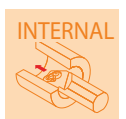
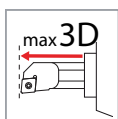
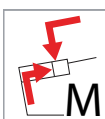
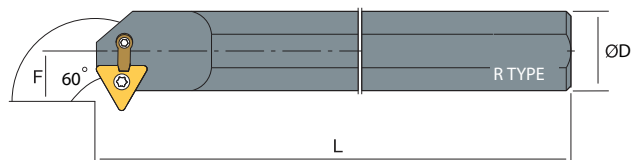
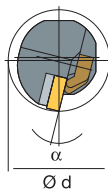


TN □ □	DESCRIPTION		STOCK		DIMENSIONS				□		□		□
			R	L	ØD	Ød	L	F	□	□			
TN □ □1604	S20R	MTQNR/L	16	● ●	20	25	200	13	-	-	ST-LV002	ST-SC523	ST-WR0030
	S25S		16	● ●	25	32	250	17	ST-SHTN16	ST-SP001	ST-LV001	ST-SC630	ST-WR0030
	S32T		16	● ●	32	40	300	22	ST-SHTN16	ST-SP001	ST-LV001	ST-SC630	ST-WR0030
	S40U		16	● ●	40	50	350	27	ST-SHTN16	ST-SP001	ST-LV001	ST-SC630	ST-WR0030
TN □ □2204	S32T	MTQNR/L	22	● ●	32	40	300	22	ST-SHTN22	ST-SP001	ST-LV001	ST-SC630	ST-WR0030
	S40U		22	● ●	40	50	350	27	ST-SHTN22	ST-SP001	ST-LV001	ST-SC630	ST-WR0030
	S50V		22	● ●	50	63	400	35	ST-SHTN22	ST-SP001	ST-LV001	ST-SC630	ST-WR0030

### SMT-N

NEGATIVE  
 with hole

TN □ □



TN □ □	DESCRIPTION		STOCK		DIMENSIONS				□		□		□
			R	L	ØD	Ød	L	F	□	□			
TN □ □1604	S25S	MT-NR/L	16	● ●	25	32	250	17	ST-SHTN16	ST-SP001	ST-LV001	ST-SC630	ST-WR0030
	S32T		16	● ●	32	40	300	22	ST-SHTN16	ST-SP001	ST-LV001	ST-SC630	ST-WR0030
	S40U		16	● ●	40	50	350	27	ST-SHTN16	ST-SP001	ST-LV001	ST-SC630	ST-WR0030
TN □ □2204	S32T	MT-NR/L	22	● ●	32	40	300	22	ST-SHTN22	ST-SP001	ST-LV001	ST-SC630	ST-WR0030
	S40U		22	● ●	40	50	350	27	ST-SHTN22	ST-SP001	ST-LV001	ST-SC630	ST-WR0030
	S50V		22	● ●	50	63	400	35	ST-SHTN22	ST-SP001	ST-LV001	ST-SC630	ST-WR0030

carbide

38

PCBN

72

diamond

88

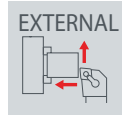
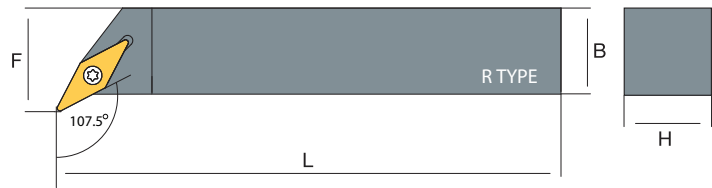
ceramic

110

# SVHB

POSITIVE 5°  
 with hole

VB □ □



VB □ □	DESCRIPTION			STOCK		DIMENSIONS				←		←			
				R	L	H	B	L	F						
VB □ □1103	SVHBR/L	1616	E11	●	●	16	16	100	20	ST-SC0257	ST-WRT08	-	-		
		2020	F11	●	●	20	20	125	25	ST-SC0257	ST-WRT08	-	-		
		2525	H11	●	●	25	25	150	32	ST-SC0257	ST-WRT15	-	-		
VB □ □1604	SVHBR/L	1616	H16	●	●	16	16	100	20	ST-SC3514	ST-WRT15	ST-SHVB	ST-SC5011		
		2020	K16	●	●	20	20	125	25	ST-SC3514	ST-WRT15	ST-SHVB	ST-SC5011		
		2525	M16	●	●	25	25	150	32	ST-SC3514	ST-WRT15	ST-SHVB	ST-SC5011		
		3232	P16	●	●	32	32	170	40	ST-SC0416	ST-WRT15	ST-SHVB	ST-SC5011		

TURNING

GROOVING

THREADING

MILLING

DRILLING

ENDMILLS

DRILLS

SPARE PARTS

INDEX

carbide 42

PCBN 74

diamond 90

TURNING

GROOVING

THREADING

MILLING

DRILLING

ENDMILLS

DRILLS

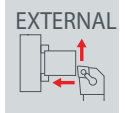
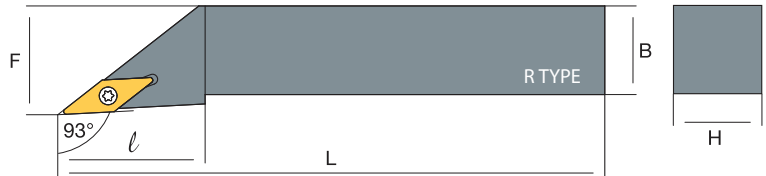
SPARE PARTS

INDEX

# SVJB

POSITIVE 5° with hole

VB □ □



VB □ □	DESCRIPTION			STOCK		DIMENSIONS				←		←			
				R	L	H	B	L	F	ST-SC	ST-WRT	ST-SHVB	ST-SC5011		
VB □ □1103	SVJBR/L	1212	F11	●	●	12	12	80	16	ST-SC0257	ST-WRT08	-	-		
		1616	H11	●	●	16	16	100	20	ST-SC0257	ST-WRT08	-	-		
		2020	K11	●	●	20	20	125	25	ST-SC0257	ST-WRT08	-	-		
		2525	M11	●	●	25	25	150	32	ST-SC0257	ST-WRT15	-	-		
VB □ □1604	SVJBR/L	1616	H16	●	●	16	16	100	20	ST-SC3514	ST-WRT15	ST-SHVB	ST-SC5011		
		2020	K16	●	●	20	20	125	25	ST-SC3514	ST-WRT15	ST-SHVB	ST-SC5011		
		2525	M16	●	●	25	25	150	32	ST-SC3514	ST-WRT15	ST-SHVB	ST-SC5011		
		3232	P16	●	●	32	32	170	40	ST-SC0416	ST-WRT15	ST-SHVB	ST-SC5011		

carbide

42

PCBN

74

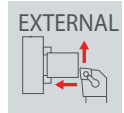
diamond





90

# SVVBN

POSITIVE 5°  
 with hole

## VB □ □



VB □ □	DESCRIPTION				STOCK	DIMENSIONS									
						H	B	L	F						
VB □ □1103	SVVBN	1616	H11	●	16	16	100	08	ST-SC0257	ST-WRT08	-	-			
		2020	K11	●	20	20	125	10	ST-SC0257	ST-WRT08	-	-			
		2525	M11	●	25	25	150	12.5	ST-SC0257	ST-WRT08	-	-			
VB □ □1604	SVVBN	1616	H16	●	16	16	100	08	ST-SC0416	ST-WRT15	ST-SHVB	ST-SC5011			
		2020	K16	●	20	20	125	10	ST-SC3514	ST-WRT15	ST-SHVB	ST-SC5011			
		2525	M16	●	25	25	150	12.5	ST-SC3514	ST-WRT15	ST-SHVB	ST-SC5011			
		3232	P16	●	32	32	170	16	ST-SC3514	ST-WRT15	ST-SHVB	ST-SC5011			

TURNING

GROOVING

THREADING

MILLING

DRILLING

ENDMILLS

DRILLS

SPARE PARTS

INDEX

carbide  42

PCBN  74

diamond  90

TURNING

GROOVING

THREADING

MILLING

DRILLING

ENDMILLS

DRILLS

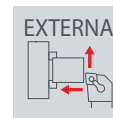
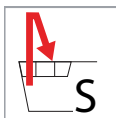
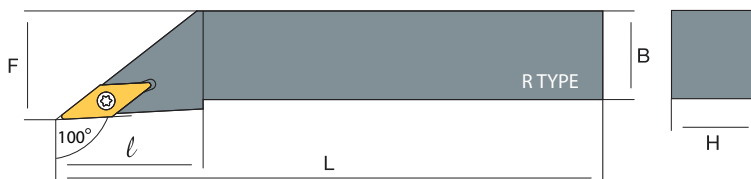
SPARE PARTS

INDEX

# SVZB

POSITIVE 5°  
with hole

VB □ □



VB □ □	DESCRIPTION			STOCK		DIMENSIONS				←		←			
				R	L	H	B	L	F	←	←				
VB □ □1103	SVZBR/L	1616	H11	●	●	16	16	100	20	ST-SC0257	ST-WRT08	-	-		
		2020	K11	●	●	20	20	125	25	ST-SC0257	ST-WRT08	-	-		
		2525	M11	●	●	25	25	150	32	ST-SC0257	ST-WRT15	-	-		
VB □ □1604	SVZBR/L	1616	H16	●	●	16	16	100	20	ST-SC3514	ST-WRT15	ST-SHVB	ST-SC5011		
		2020	K16	●	●	20	20	125	25	ST-SC3514	ST-WRT15	ST-SHVB	ST-SC5011		
		2525	M16	●	●	25	25	150	32	ST-SC3514	ST-WRT15	ST-SHVB	ST-SC5011		
		3232	P16	●	●	32	32	170	40	ST-SC0416	ST-WRT15	ST-SHVB	ST-SC5011		

carbide

42

PCBN

74

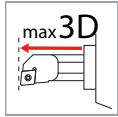
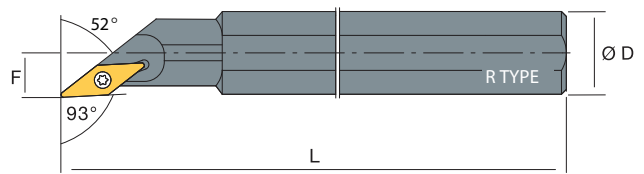
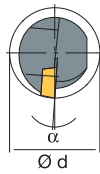
diamond

90

### <sup>S</sup>SVJB

POSITIVE 5°  
with hole

VB □ □

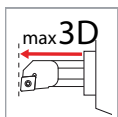
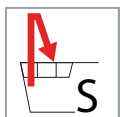
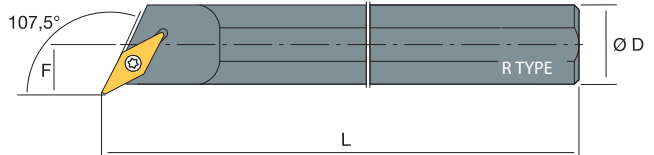
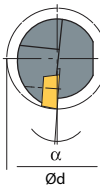


VB □ □	DESCRIPTION		STOCK		DIMENSIONS									
			R	L	ØD	Ød	L	F						
VB □ □1604	S25S	SVJBR/L	16	● ●	25	32	250	17	ST-SC0416	ST-WRT15	ST-SHVB	ST-SC5011		
	S32T		16	● ●	32	40	300	22	ST-SC3514	ST-WRT15	ST-SHVB	ST-SC5011		
	S40U		16	● ●	40	50	350	27	ST-SC3514	ST-WRT15	ST-SHVB	ST-SC5011		

### <sup>S</sup>SVQB

POSITIVE 5°  
with hole

VB □ □



VB □ □	DESCRIPTION		STOCK		DIMENSIONS									
			R	L	ØD	Ød	L	F						
VB □ □1103	S16P	SVQBR/L	11	● ●	16	21	170	11	ST-SC0257	ST-WRT08	-	-		
	S20R		11	● ●	20	25	200	13	ST-SC0257	ST-WRT08	-	-		
VB □ □1604	S25S	SVQBR/L	16	● ●	25	32	250	17	ST-SC0416	ST-WRT15	ST-SHVB	ST-SC5011		
	S32T		16	● ●	32	40	300	22	ST-SC3514	ST-WRT15	ST-SHVB	ST-SC5011		
	S40U		16	● ●	40	50	350	27	ST-SC3514	ST-WRT15	ST-SHVB	ST-SC5011		

carbide 42

PCBN 74

diamond 90

TURNING

GROOVING

THREADING

MILLING

DRILLING

ENDMILLS

DRILLS

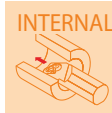
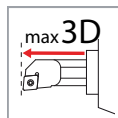
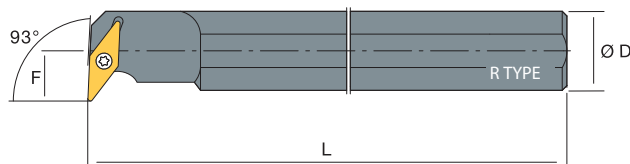
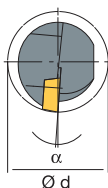
SPARE PARTS

INDEX

### <sup>s</sup>SVUB

POSITIVE 5° with hole

VB □ □

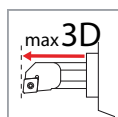
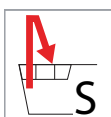
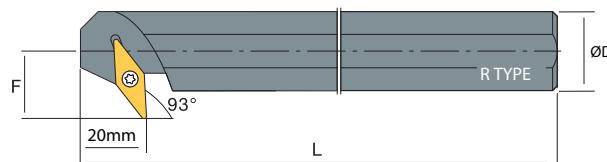
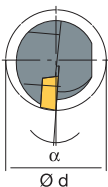


VB □ □	DESCRIPTION		STOCK		DIMENSIONS				ST-SC0257 ← ST-WRT08		← ST-SC0257			
			R	L	ØD	Ød	L	F						
VB □ 1103	S16P	SVUBR/L	11	● ●	16	21	170	11	ST-SC0257	ST-WRT08	-	-		
	S20R		11	● ●	20	25	200	13	ST-SC0257	ST-WRT08	-	-		
VB □ □1604	S25S	SVUBR/L	16	● ●	25	32	250	17	ST-SC0416	ST-WRT15	ST-SHVB	ST-SC5011		
	S32T		16	● ●	32	40	300	22	ST-SC3514	ST-WRT15	ST-SHVB	ST-SC5011		
	S40U		16	● ●	40	50	350	27	ST-SC3514	ST-WRT15	ST-SHVB	ST-SC5011		

### <sup>s</sup>SVXB

POSITIVE 7° with hole

VB □ □



VB □ □	DESCRIPTION		STOCK		DIMENSIONS				ST-SC0257 ← ST-WRT08		← ST-SC0257			
			R	L	ØD	Ød	L	F						
VB □ 1103	S16P	SVXBR/L	11	● ●	16	21	170	11	ST-SC0257	ST-WRT08	-	-		
	S20R		11	● ●	20	25	200	13	ST-SC0257	ST-WRT08	-	-		
VB □ □1604	S25S	SVXBR/L	16	● ●	25	32	250	17	ST-SC0416	ST-WRT15	ST-SHVB	ST-SC5011		
	S32T		16	● ●	32	40	300	22	ST-SC3514	ST-WRT15	ST-SHVB	ST-SC5011		
	S40U		16	● ●	40	50	350	27	ST-SC3514	ST-WRT15	ST-SHVB	ST-SC5011		

carbide

42

PCBN

74

diamond

90

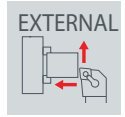
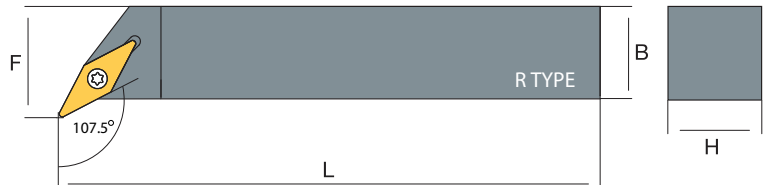


## TURNING

### SVHC

POSITIVE 7°  
with hole

VC □ □

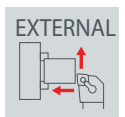
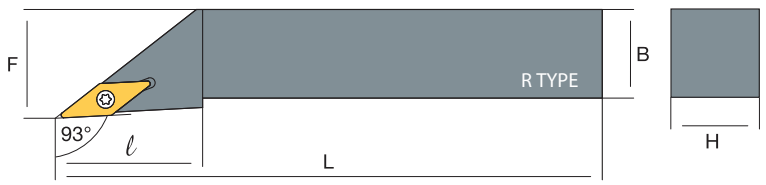


VC □ □	DESCRIPTION			STOCK		DIMENSIONS									
				R	L	H	B	L	F						
VC □ □1103	SVHCR/L	1616	H11	●	●	16	16	100	20	ST-SC0257	ST-WRT08	-	-		
		2020	K11	●	●	20	20	125	25	ST-SC0257	ST-WRT08	-	-		
VC □ □1604	SVHCR/L	2020	K16	●	●	25	25	150	32	ST-SC0257	ST-WRT15	-	-		
		2525	M16	●	●	16	16	100	20	ST-SC3514	ST-WRT15	ST-SHVC	ST-SC5011		
		3232	P16	●	●	20	20	125	25	ST-SC3514	ST-WRT15	ST-SHVC	ST-SC5011		

### SVJC

POSITIVE 7°  
with hole

VC □ □



VC □ □	DESCRIPTION			STOCK		DIMENSIONS									
				R	L	H	B	L	F						
VC □ □1103	SVJCR/L	1616	H11	●	●	16	16	100	20	ST-SC0257	ST-WRT08	-	-		
		2020	K11	●	●	20	20	125	25	ST-SC0257	ST-WRT08	-	-		
VC □ □1604	SVJCR/L	2020	K16	●	●	25	25	150	32	ST-SC0257	ST-WRT15	-	-		
		2525	M16	●	●	16	16	100	20	ST-SC3514	ST-WRT15	ST-SHVC	ST-SC5011		
		3232	P16	●	●	20	20	125	25	ST-SC3514	ST-WRT15	ST-SHVC	ST-SC5011		

carbide 44

PCBN 75

diamond 91

TURNING

GROOVING

THREADING

MILLING

DRILLING

ENDMILLS

DRILLS

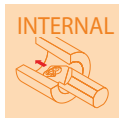
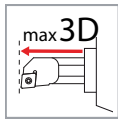
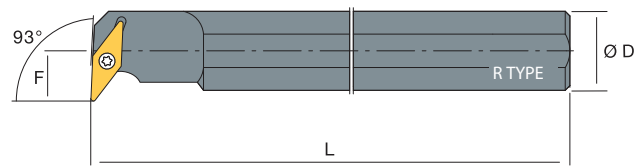
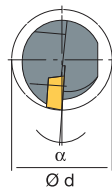
SPARE PARTS



INDEX

### <sup>s</sup>SVUC

POSITIVE 7° with hole

VC □ □

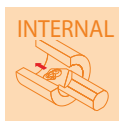
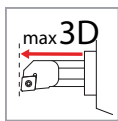
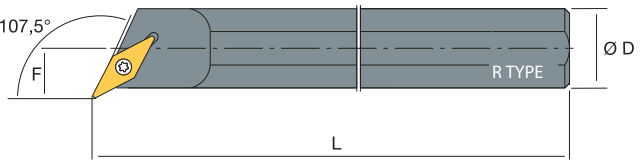
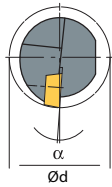




VC □ □	DESCRIPTION		STOCK		DIMENSIONS									
			R	L	ØD	Ød	L	F						
VC □ 1103	S16P	SVUCR/L	11	● ●	16	21	170	11	ST-SC0257	ST-WRT08	-	-		
	S20R		11	● ●	20	25	200	13	ST-SC0257	ST-WRT08	-	-		
VC □ □1604	S25S	SVUCR/L	16	● ●	25	32	250	17	ST-SC0416	ST-WRT15	ST-SHVC	ST-SC5011		
	S32T		16	● ●	32	40	300	22	ST-SC3514	ST-WRT15	ST-SHVC	ST-SC5011		
	S40U		16	● ●	40	50	350	27	ST-SC3514	ST-WRT15	ST-SHVC	ST-SC5011		

### <sup>s</sup>SVQC

POSITIVE 7° with hole

VC □ □



VC □ □	DESCRIPTION		STOCK		DIMENSIONS									
			R	L	ØD	Ød	L	F						
VC □ 1103	S16P	SVQCR/L	11	● ●	16	21	170	11	ST-SC0257	ST-WRT08	-	-		
	S20R		11	● ●	20	25	200	13	ST-SC0257	ST-WRT08	-	-		
VC □ □1604	S25S	SVQCR/L	16	● ●	25	32	250	17	ST-SC0416	ST-WRT15	ST-SHVC	ST-SC5011		
	S32T		16	● ●	32	40	300	22	ST-SC3514	ST-WRT15	ST-SHVC	ST-SC5011		
	S40U		16	● ●	40	50	350	27	ST-SC3514	ST-WRT15	ST-SHVC	ST-SC5011		

carbide

44

PCBN

75

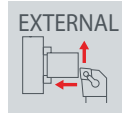
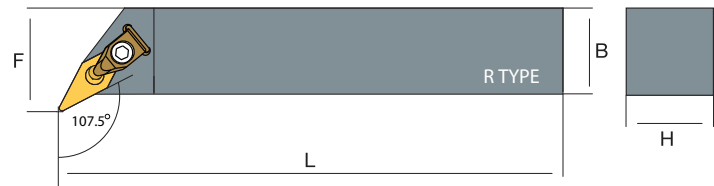
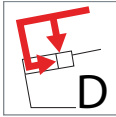
diamond

91

### DVHN

NEGATIVE  
 with hole

VN □ □

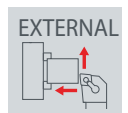
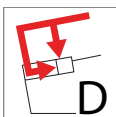


VN □ □	DESCRIPTION			STOCK		DIMENSIONS									
				R	L	H	B	L	F						
VN □ □1604	DVHNR/L	2020	K16	●	●	20	20	125	25	ST-SHVN16	ST-SC0410	ST-CS005	ST-SPR04	ST-SC630	ST-WR0030
		2525	M16	●	●	25	25	150	32	ST-SHVN16	ST-SC0410	ST-CS005	ST-SPR04	ST-SC630	ST-WR0030
		3232	P16	●	●	32	32	170	40	ST-SHVN16	ST-SC0410	ST-CS005	ST-SPR04	ST-SC630	ST-WR0030

### DVJN

NEGATIVE  
 with hole

VN □ □



VN □ □	DESCRIPTION			STOCK		DIMENSIONS									
				R	L	H	B	L	F						
VN □ □1604	DVJNR/L	2020	K16	●	●	20	20	125	25	ST-SHVN16	ST-SC0410	ST-CS005	ST-SPR04	ST-SC630	ST-WR0030
		2525	M16	●	●	25	25	150	32	ST-SHVN16	ST-SC0410	ST-CS005	ST-SPR04	ST-SC630	ST-WR0030
		3232	P16	●	●	32	32	170	40	ST-SHVN16	ST-SC0410	ST-CS005	ST-SPR04	ST-SC630	ST-WR0030
		4040	P16	●	●	40	40	250	50	ST-SHVN16	ST-SC0410	ST-CS005	ST-SPR04	ST-SC630	ST-WR0030

carbide

45

PCBN

76

ceramic

113

TURNING

GROOVING

THREADING

MILLING

DRILLING

ENDMILLS

DRILLS

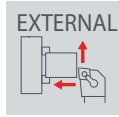
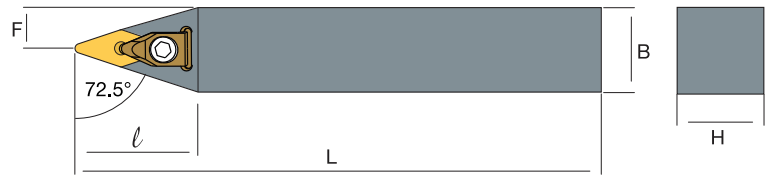
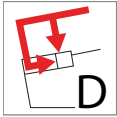
SPARE PARTS

INDEX

### DVNNN

NEGATIVE with hole

VN □ □



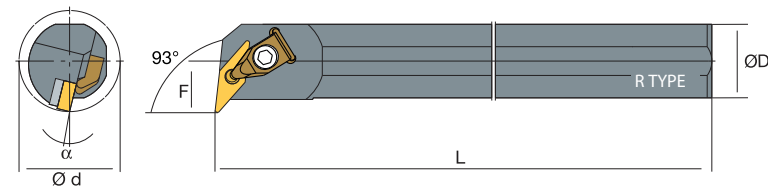
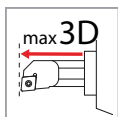
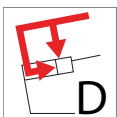
EXTERNAL

VN □ □	DESCRIPTION				STOCK	DIMENSIONS								
	DVNNN					H	B	L	F					
VN □ □1604	2020	K16	●	●	20	20	125	25	ST-SHVN16	ST-SC0410	ST-CS005	ST-SPR04	ST-SC630	ST-WR0030
	2525	M16	●	●	25	25	150	32	ST-SHVN16	ST-SC0410	ST-CS005	ST-SPR04	ST-SC630	ST-WR0030
	3232	P16	●	●	32	32	170	40	ST-SHVN16	ST-SC0410	ST-CS005	ST-SPR04	ST-SC630	ST-WR0030
	4040	P16	●	●	40	40	250	50	ST-SHVN16	ST-SC0410	ST-CS005	ST-SPR04	ST-SC630	ST-WR0030

### <sup>S</sup>DVUN

NEGATIVE with hole

VN □ □



INTERNAL

VN □ □	DESCRIPTION				STOCK	DIMENSIONS									
	S25S	DVUNR/L				R	L	ØD	Ød	L	F				
VN □ □1604	S25S	DVUNR/L	16	●	●	25	32	250	17	ST-SHTN16	ST-SC0410	ST-CS005	ST-SPR04	ST-SC630	ST-WR0030
	S32T		16	●	●	32	40	300	22	ST-SHTN16	ST-SC0410	ST-CS005	ST-SPR04	ST-SC630	ST-WR0030
	S40U		16	●	●	50	50	400	27	ST-SHTN22	ST-SC0410	ST-CS005	ST-SPR04	ST-SC630	ST-WR0030

carbide

45

PCBN

76

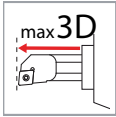
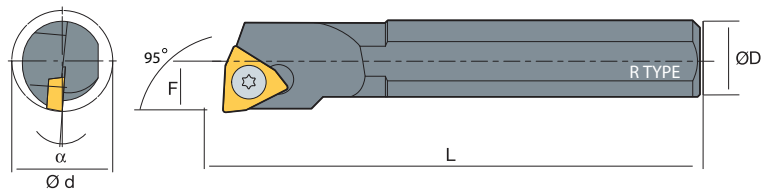
ceramic

113

# <sup>s</sup>SWLC

POSITIVE 7°  
with hole

# WC



WC □ □	DESCRIPTION		STOCK		DIMENSIONS				←		←			
			R	L	ØD	Ød	L	F						
WC □ □ 0302	S0608H	SWLCR/L	16	● ●	08	08	100	04	ST-SC0257	ST-WR0030	-	-		
	S0810K		16	● ●	10	10	125	07	ST-SC0257	ST-WR0030	-	-		

TURNING

GROOVING

THREADING

MILLING

DRILLING

ENDMILLS

DRILLS

SPARE PARTS

INDEX

carbide

354

TURNING

GROOVING

THREADING

MILLING

DRILLING

ENDMILLS

DRILLS

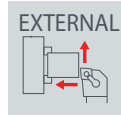
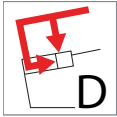
SPARE PARTS

INDEX

### DWLN

NEGATIVE with hole

WN □ □

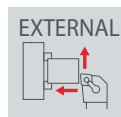
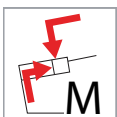
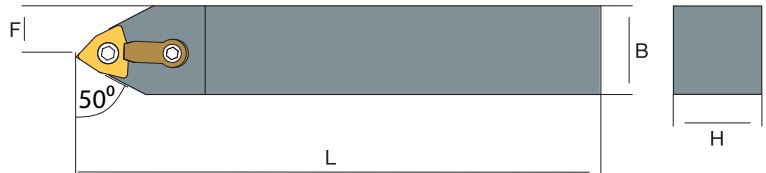


VN □ □	DESCRIPTION			STOCK		DIMENSIONS									
				R	L	H	B	L	F						
WN □ □0604	DWLN R/L	1616	H06	●	●	16	16	100	20	-	-	ST-CS002	ST-SPR04	ST-SC523	ST-WR0030
		2020	K06	●	●	20	20	125	25	-	-	ST-CS002	ST-SPR04	ST-SC523	ST-WR0030
		2525	M06	●	●	25	25	150	32	-	-	ST-CS002	ST-SPR04	ST-SC523	ST-WR0030
WN □ □0804	DWLN R/L	2020	K08	●	●	20	20	125	25	-	-	ST-CS001	ST-SPR04	ST-SC523	ST-WR0030
		2525	M08	●	●	25	25	150	32	ST-SHWN08	ST-SC0410	ST-CS001	ST-SPR04	ST-SC630	ST-WR0030
		3232	P08	●	●	32	32	170	40	ST-SHWN08	ST-SC0410	ST-CS001	ST-SPR04	ST-SC630	ST-WR0030
		4040	S08	●	●	40	40	250	50	ST-SHWN08	ST-SC0410	ST-CS001	ST-SPR04	ST-SC630	ST-WR0030

### MWDN

NEGATIVE with hole

WN □ □



WN □ □	DESCRIPTION			STOCK		DIMENSIONS								
						H	B	L	F					
WN □ □0604	MWDNN	1616	H06	●		16	16	100	08	-	-	ST-CS009	ST-SM525	ST-WR0030
		2020	K06	●		20	20	125	10	-	-	ST-CS009	ST-SM525	ST-WR0030
		2525	M06	●		25	25	150	12.5	-	-	ST-CS009	ST-SM525	ST-WR0030
WN □ □0804	MWDNN	2020	K08	●		20	20	125	10	ST-SHWN08	ST-SC0410	ST-CS008	ST-SM630	ST-WR0030
		2525	M08	●		25	25	150	12.5	ST-SHWN08	ST-SC0410	ST-CS008	ST-SM630	ST-WR0030
		3232	P08	●		32	32	170	16	ST-SHWN08	ST-SC0410	ST-CS008	ST-SM630	ST-WR0030
		4040	S08	●		40	40	200	16	ST-SHWN08	ST-SC0410	ST-CS008	ST-SM630	ST-WR0030

carbide 47

PCBN 77

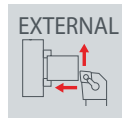
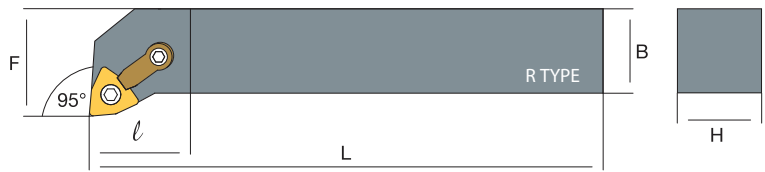
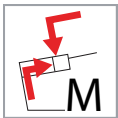
diamond 92

ceramic 114

### MWLNLN

NEGATIVE  
 with hole

WN □ □

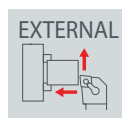
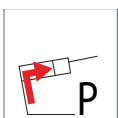


WN □ □	DESCRIPTION			STOCK		DIMENSIONS				←		←		
				R	L	H	B	L	F					
WN □ □0604	MWLNRL	1616	H06	●	●	16	16	100	20	-	-	ST-CS009	ST-SC525	ST-WR0030
		2020	K06	●	●	20	20	125	25	-	-	ST-CS009	ST-SC525	ST-WR0030
		2525	M06	●	●	25	25	150	32	-	-	ST-CS009	ST-SC525	ST-WR0030
WN □ □0804	MWLNRL	2020	K08	●	●	20	20	125	25	ST-SHWN08	ST-SCV3506	ST-CS008	ST-SC630	ST-WR0030
		2525	M08	●	●	25	25	150	32	ST-SHWN08	ST-SCV3506	ST-CS008	ST-SC630	ST-WR0030
		3232	P08	●	●	32	32	170	40	ST-SHWN08	ST-SCV3506	ST-CS008	ST-SC630	ST-WR0030
		4040	S08	●	●	40	40	200	40	ST-SHWN08	ST-SCV3506	ST-CS008	ST-SC630	ST-WR0030

### PWLNLN

NEGATIVE  
 with hole

WN □ □



WN □ □	DESCRIPTION			STOCK		DIMENSIONS												
				R	L	H	B	L	F									
WN □ □0804	PWLNRL	2020	K08	●	●	20	20	125	25	ST-SHWN08	ST-SPR001	ST-LV001	ST-SC820	ST-WR0030				
		2525	M08	●	●	25	25	150	32	ST-SHWN08	ST-SPR001	ST-LV001	ST-SC820	ST-WR0030				
		3232	P08	●	●	32	32	170	40	ST-SHWN08	ST-SPR001	ST-LV001	ST-SC820	ST-WR0030				
		4040	S08	●	●	40	40	250	50	ST-SHWN08	ST-SPR001	ST-LV001	ST-SC820	ST-WR0030				

carbide

47

PCBN

77

diamond

92

ceramic

114

TURNING

GROOVING

THREADING

MILLING

DRILLING

ENDMILLS

DRILLS

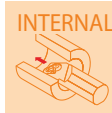
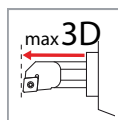
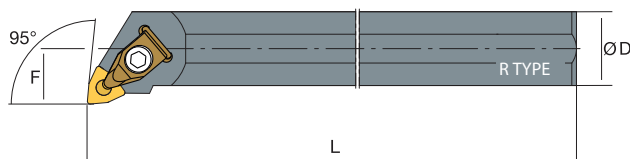
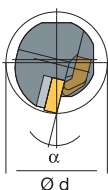
SPARE PARTS

INDEX

### <sup>S</sup>DWLN

NEGATIVE  
with hole

WN □ □

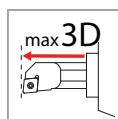
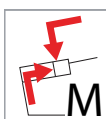
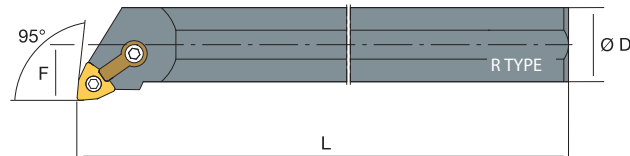
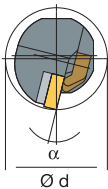


WN □ □	DESCRIPTION		STOCK		DIMENSIONS									
			R	L	ØD	Ød	L	F						
WN □ □0604	S25S	DWLN R/L	06	● ●	25	32	250	17	-	-	ST-CS009	-	ST-SC525	ST-WR0030
	S32T		06	● ●	32	40	300	22	-	-	ST-CS009		ST-SC525	ST-WR0030
WN □ □0804	S25S	DWLN R/L	08	● ●	25	32	250	17	ST-SHWN08	ST-SC0410	ST-CS008	ST-SPR04	ST-SC630	ST-WR0030
	S32T		08	● ●	32	40	300	22	ST-SHWN08	ST-SC0410	ST-CS008	ST-SPR04	ST-SC630	ST-WR0030
	S40U		08	● ●	40	37	350	27	ST-SHWN08	ST-SC0410	ST-CS008	ST-SPR04	ST-SC630	ST-WR0030
	S50V		08	● ●	50	47	400	35	ST-SHWN08	ST-SC0410	ST-CS008	ST-SPR04	ST-SC630	ST-WR0030

### <sup>S</sup>MWLN

NEGATIVE  
with hole

WN □ □



WN □ □	DESCRIPTION		STOCK		DIMENSIONS								
			R	L	ØD	Ød	L	F					
WN □ □0604	S16P	MWLN R/L	06	● ●	16	21	170	11			ST-CS009	ST-SM525	ST-WR0030
	S20R		06	● ●	20	25	200	13			ST-CS009	ST-SM525	ST-WR0030
	S25S		06	● ●	25	32	250	17			ST-CS009	ST-SM525	ST-WR0030
WN □ □0804	S25S	MWLN R/L	08	● ●	25	32	250	17	ST-SHWN08	ST-SCV0410	ST-CS008	ST-SM630	ST-WR0030
	S32T		08	● ●	32	40	300	22	ST-SHWN08	ST-SCV0410	ST-CS008	ST-SM630	ST-WR0030
	S40U		08	● ●	40	50	350	27	ST-SHWN08	ST-SCV0410	ST-CS008	ST-SM630	ST-WR0030
	S50V		08	● ●	50	63	400	35	ST-SHWN08	ST-SCV0410	ST-CS008	ST-SM630	ST-WR0030

carbide

47

PCBN

77

diamond

92

ceramic

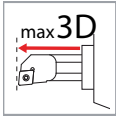
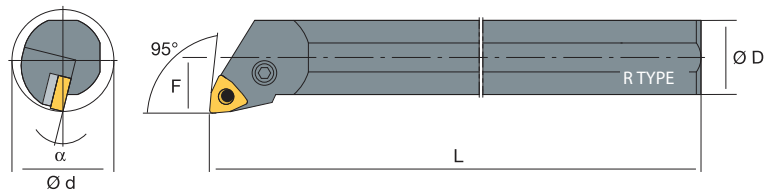
114



# SPWLN

NEGATIVE  
with hole

# WN □ □



WN □ □	DESCRIPTION		STOCK	DIMENSIONS				ST-SHWN08	ST-SCV0410	ST-CS001	ST-SM630	ST-WR0030	
				R	L	ØD	Ød						L
WN □ □0804	S25S	PWLN R/L	08	●	●	25	32	250	17				
	S32T		08	●	●	32	40	300	22				
	S40U		08	●	●	40	50	350	27				
	S50V		08	●	●	50	63	400	35				

carbide 47

PCBN 77

diamond 92

ceramic 114

- TURNING
- GROOVING
- THREADING
- MILLING
- DRILLING
- ENDMILLS
- DRILLS
- SPARE PARTS
- INDEX