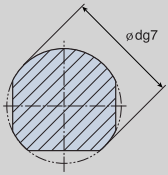
1. 샹크의 재료

S : 스틸 샹크

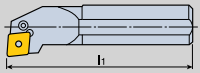
A : 절삭유 공급 스틸 샹크

X : 스페셜

2. 샹크의 지름



3. 공구의 길이



K	125	U	350
M	150	V	400
Q	180	W	450
R	200	Y	500
S	250	X	스페셜
T	300		

4. 클램핑 방식

P / 레버락

C / 톱 클램프

S / 스크류 클램프

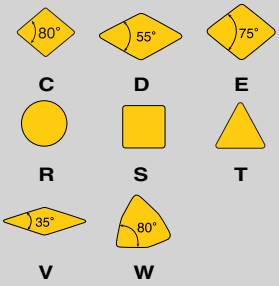
M / 멀티 락

W / 웻지 클램프

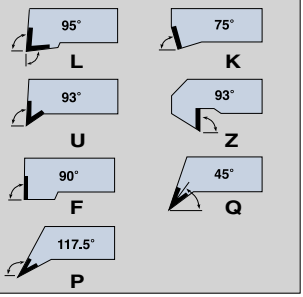
S 25 T - P C L N R - 16 - □

1 2 3 4 5 6 7 8 9 10

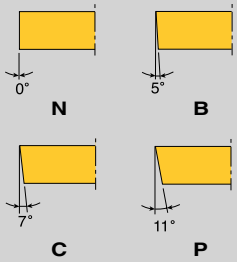
5. 인서트 형상



6. 공구의 형상

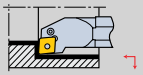


7. 인서트 여유각

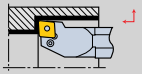


8. 승수

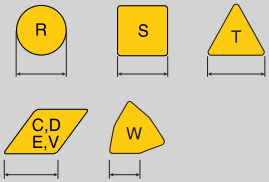
우승수
*좌승수 인서트 사용



좌승수
*우승수 인서트 사용



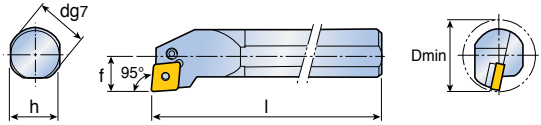
9. 인선 길이



10. 옵션

필요시 정보 추가

S-PCLNR/L

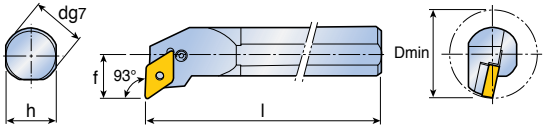


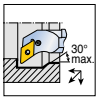
규격		치수(mm)					인서트
		d	h	l	f	Dmin	
S25T	**PCLNR/L 12-D**	25	23	300	17	32	80° CN... 1204 ...
S32T	**PCLNR/L 12-D**	32	30	300	22	40	
S40T	**PCLNR/L 12-D**	40	37	300	27	50	
S50U	**PCLNR/L 12-D**	50	47	350	35	63	

홀더/ 인서트 사양	부품					
	레버	스크류	심	심 핀	스냅 링	렌치
S25T...12	DLC 4B	DLCS 4B	-	-	DLSR 4B	DHLW-2.5
S32T...12	DLC 4	DLCS 4S	DLS-C 42	DSP 4	-	DHLW-3
S40T...12	DLC 4	DLCS 4	DLS-C 42	DSP 4	-	DHLW-3
S50U..12	DLC 4	DLCS 4	DLS-C 42	DSP 4	-	DHLW-3

• 사용 인서트: 12쪽

S-PDUNR/L



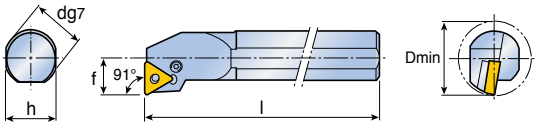


규격		치수(mm)					인서트
		d	h	l	f	Dmin	
S32T	**PDUNR/L 15-D**	32	30	300	22	40	55° DN... 1506 ...
S40T	**PDUNR/L 15-D**	40	37	300	27	50	
S50U	**PDUNR/L 15-D**	50	47	350	35	63	

홀더/ 인서트 사양	부품				
	레버	스크류	심	심 핀	렌치
S32T...15	DLC 4A	DLCS 4S	DLS-D 42	DSP 4A	DHLW-3
S40T...15	DLC 4A	DLCS 4	DLS-D 42	DSP 4A	DHLW-3
S50U...15	DLC 4A	DLCS 4	DLS-D 42	DSP 4A	DHLW-3

• 사용 인서트: 14쪽

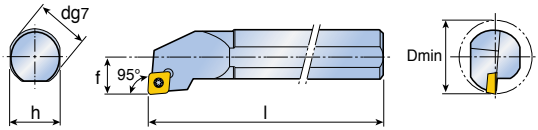
S-PTFNR/L



규격	치수(mm)					인서트
	d	h	l	f	Dmin	
S25T PTFNR/L 16-D	25	23	300	17	32	TN... 1604 ...
S32T PTFNR/L 16-D	32	30	300	22	40	

홀더/ 인서트 사양	부품					
	레버	스크류	심	심 핀	스냅 링	렌치
S25T...16	DLC 3BH	DLCS 3B	-	-	DLSR 3B	DHLW-2
S32T...16	DLC 3	DLCS 3	DLS-T 31.8	DSP 3A	-	DHLW-2.5

• 사용 인서트: 18, 19쪽

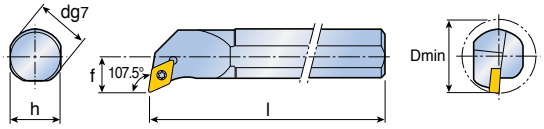


규격	치수(mm)					인서트
	d	h	l	f	Dmin	
S08K SCLCR/L 06-D	8	7	125	6	11	CC... 0602 ...
S10K SCLCR/L 06-D	10	9	125	7	13	
S12M SCLCR/L 06-D	12	11	150	9	16	80°
S12M SCLCR/L 09-D	12	11	150	9	16	CC... 09T3 ...
S16R SCLCR/L 09-D	16	15	200	11	20	
S20S SCLCR/L 09-D	20	18	250	13	25	
S25T SCLCR/L 09-D	25	23	300	17	32	

홀더/ 인서트 사양	부품	
	스크류	렌치
S08K,S10K...06	DS 25050I	DTFW-7
S12M...06	DS 25065I	DTFW-7
...09	DS 35080I	DTFW-15

• 사용 인서트: 23, 29쪽

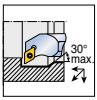
S-SDQCR/L

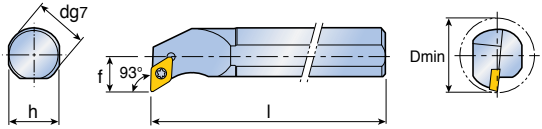


규격		치수(mm)					인서트
		d	h	l	f	Dmin	
S10K	**SDQCR/L 07-D**	10	9	125	7	13	DC... 0702 ...
S12M	**SDQCR/L 07-D**	12	11	150	9	16	
S16R	**SDQCR/L 07-D**	16	15	200	11	20	DC... 11T3 ...
S20S	**SDQCR/L 11-D**	20	18	250	13	25	
S25T	**SDQCR/L 11-D**	25	23	300	17	32	

홀더/ 인서트 사양	부품	
	스크류	렌치
S10K...07	DS 25050I	DTFW-7
S12M,S16R...07	DS 25065I	DTFW-7
...11	DS 35080I	DTFW-15

• 사용 인서트: 24, 30쪽



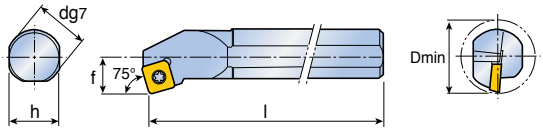


규격	치수(mm)					인서트
	d	h	l	f	Dmin	
S10K SDUCR/L 07-D	10	9	125	7	13	DC... 0702 ...
S12M SDUCR/L 07-D	12	11	150	9	16	
S16R SDUCR/L 07-D	16	15	200	11	20	55°
S16R SDUCR/L 11-D	16	15	200	11	20	DC... 11T3 ...
S20S SDUCR/L 11-D	20	18	250	13	25	
S25T SDUCR/L 11-D	25	23	300	17	32	
S32T SDUCR/L 11-D	32	30	300	22	40	

홀더/ 인서트 사양	부품	
	스크류	렌치
S10K...07	DS 25065I	DTFW-7
S12M,S16R...07	DS 25065I	DTFW-7
...11	DS 35080I	DTFW-15

• 사용 인서트: 25, 30쪽

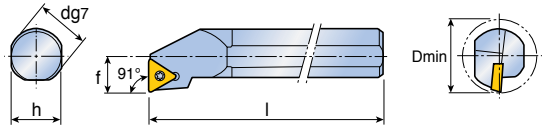
S-SSKCR/L



규격		치수(mm)					인서트
		d	h	l	f	Dmin	
S16R	**SSKCR/L 09-D**	16	15	200	11	20	SC... 09T3 ...
S20S	**SSKCR/L 09-D**	20	18	250	13	25	

홀더/ 인서트 사양	부품	
	스크류	렌치
...09	DS 35080I	DTFW-15

• 사용 인서트: 25쪽

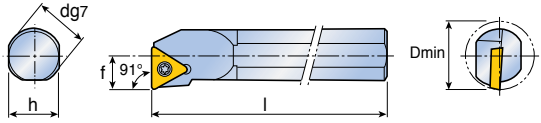


규격	치수(mm)					인서트
	d	h	l	f	Dmin	
S08K STFCR/L 09-D	8	7	125	6	11	TC... 0902 ...
S10K STFCR/L 09-D	10	9	125	7	13	
S12M STFCR/L 09-D	12	11	150	9	16	
S12M STFCR/L 1102-D	12	11	150	9	16	TC... 1102 ...
S16R STFCR/L 1102-D	16	15	200	11	20	
S20S STFCR/L 1102-D	20	18	250	13	25	
S20S STFCR/L 16-D	20	18	250	13	25	TC... 16T3 ...
S25T STFCR/L 16-D	25	23	300	17	32	

홀더/ 인서트 사양	부품	
	스크류	렌치
S08K...09	DS 22046I-TS	DTFW-7
S10K,S12M...09	DS 22050I	DTFW-7
...11	DS 25065I	DTFW-7
S20S...16	DS 35080I	DTFW-15
S25T...16	DS 35080I	DTFW-15

• 사용 인서트: 26, 31쪽

S-STFPR/L

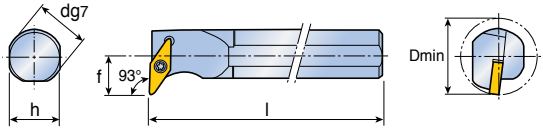


규격	치수(mm)					인서트
	d	h	l	f	D	
S08K STFPR/L 09-D	8	7	125	6	11	TP... 0902 ...
S10K STFPR/L 1103-D	10	9	125	6	12	TP... 1103 ...
S12M STFPR/L 1103-D	12	11	150	8	16	
S16R STFPR/L 1103-D	16	15	200	10	20	
S20S STFPR/L 16-D	20	18	250	12.5	25	TP... 1604 ...

홀더/ 인서트 사양	부품	
	스크류	렌치
...09	DS 22046I-TS	DTFW-7
S10K...11	DS 30055I	DTFW-9
S12M...11	DS 30100I	DTFW-9
S16R...11	DS 30040I	DTFW-9
...16	DS 35080I	DTFW-15

• 사용 인서트: 26, 27쪽

S-SVUBR/L

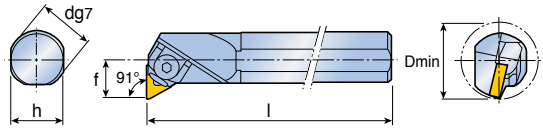


규격	치수(mm)					인서트
	d	h	l	f	Dmin	
S32T SVUBR/L 16-D	32	30	300	22	40	35° VB... 1604 ...
S40T SVUBR/L 16-D	40	37	300	27	50	

홀더/ 인서트 사양	부품			
	스크류	심	심 스크류	렌치
...16	DS 35124I	DSS-V 32	DSC 50090S	DTFW-15

• 사용 인서트 : 28쪽

S-WTFNR/L



규격	치수(mm)					인서트
	d	h	l	f	Dmin	
S25T WTFNR/L 16-D	25	23	300	17	32	TN... 1604 ...
S32T WTFNR/L 16-D	32	30	300	22	40	

홀더/ 인서트 사양	부품					
	웻지 클램프	스크류	스냅 링	심	핀 스크류	렌치
S25T...16	DWC 33	DWCS 4B	DWSR 4	-	DWSS 33-1	DHLW-3
S32T...16	DWC 33	DWCS 4	DWSR 4	DWS-T 33	DWSS 33	DHLW-3

• 사용 인서트: 18, 19쪽