

CPC-S CPC-T CPR-S CPR-T

절삭탭용 체크 핀
(스트레이트 타입)

절삭탭용 체크 핀
(테이퍼 타입)

롤 탭용 체크 핀
(스트레이트 타입)

롤 탭용 체크 핀
(테이퍼 타입)

「확실한 나사」를 위해 아래 구멍 관리가 중요합니다!
탭 구멍 직경의 치수를 쉽고 정확하게 확인할 수 있습니다!

Check Pin Series



중요!

탭의 구멍은 체크하고 계십니까?

■ 탭 구멍용 체크 핀 ■

CPC-S Check pin for Cutting Straight

절삭 탭용 체크 핀 (스트레이트)
CPC-S (5 개 세트)

HSS



CPC-T Check pin for Cutting Taper

절삭 탭용 체크 핀 (테이퍼타입)
CPC-T (1개)

HSS



CPR-S Check pin for Forming Straight

롤 탭용 체크 핀 (스트레이트)
CPR-S

HSS



CPR-T Check pin for Forming Taper

롤 탭용 체크 핀 (테이퍼타입)
CPR-T

HSS



■ 일반적인 탭 가공공정



이것 1개로 구멍의 상태와 구멍 지름을
동시에 검사 할 수 있습니다!!

완성된 나사를 체크
<http://www.yamawa.jp>에 게재 중!



이것이
핵심포인트!

적정한
구멍

- 탭의 수명이 업(UP)!
- 암나사의 품질향상!

종합적인 가격 다운!



■ 아래 구멍의 상태를 체크하자!

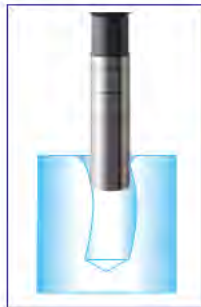


아래 구멍이 적정하게 처리되지 않는 경우가 있습니다.



결함 예. 1
- 구부러짐 -

체크 핀이
도중에
멈춰 버린다.



결함 예. 2
- 휘어짐 -

워크 단면의
아래 구멍이
수직이 아니다.



결함 예. 3
- 입구확대 -

입구가
크다



결함 예. 4
- 직경축소 -

표준값의
최소값보다
작은 지름으로
되어있다.



■ 아래 구멍의 결함 상황에서 문제 발생

- 1) 구부러진 구멍
- 2) 휘어진 구멍
- 3) 입구확대된 구멍
- 4) 직경축소 구멍 등



구멍을 성공적으로 가공하여 아래 구멍 지름을 유리하게 설정하여
가공 문제의 경감과 수명 연장을 유발할 수 있습니다.

탭 아래 구멍을 미리 체크해 봅시다.

CPC-S Check pin for Cutting Straight

절삭 법용 체크핀(스트레이트타입) CPC-S (5개 1세트)

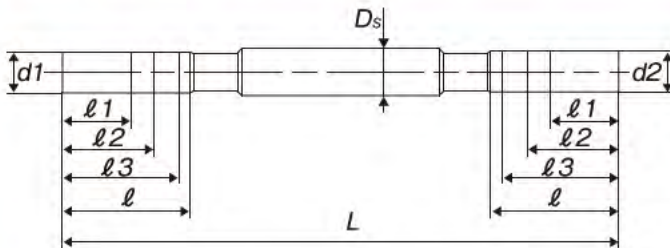
HSS



특징

1. 5 개 세트에 따라 여러 종류의 아래 구멍 직경 검사와 아래 구멍 깊이를 확인할 수 있습니다.
2. 내마모성을 고려한 고속도 공구강을 사용하고 있습니다.
3. 뚫린 구멍과 막힌 홀에 모두 사용할 수 있습니다.

구멍직경 체크핀의 형상



■ 예 : M 12×1.75 (아래 구멍 지름 ϕ 10.37)



(단위 : mm)

치수	L	ℓ	Ds	d1 (걸림비율)	d2 (걸림비율)	상품코드	ℓ1 (1.50)	ℓ2 (2.0)	ℓ3 (2.50)
M2 × 0.4	41.5	5.5	3.0	1.567 (100%)	1.610 (90%)	CPCS2.0EA	3.0	4.0	5.0
				1.589 (95%)	1.632 (85%)	CPCS2.0EB			
				1.610 (90%)	1.654 (80%)	CPCS2.0EC			
				1.632 (85%)	1.675 (75%)	CPCS2.0ED			
				1.654 (80%)	1.697 (70%)	CPCS2.0EE			
				1.675 (75%)	1.719 (65%)	CPCS2.0EF			
				100%—70% (5개세트)		CPCS2.0ES			
				95%—65% (5개세트)		CPCS2.0EM			
				2.013 (100%)	2.062 (90%)	CPCS2.5FA			
				2.037 (95%)	2.086 (85%)	CPCS2.5FB			
M2.5 × 0.45	45	7.5	3.0	2.062 (90%)	2.110 (80%)	CPCS2.5FC	3.8	5.0	6.3
				2.086 (85%)	2.135 (75%)	CPCS2.5FD			
				2.110 (80%)	2.159 (70%)	CPCS2.5FE			
				2.135 (75%)	2.183 (65%)	CPCS2.5FF			
				100%—70% (5개세트)		CPCS2.5FS			
				95%—65% (5개세트)		CPCS2.5FM			
				2.121 (100%)	2.159 (90%)	CPCS2.5DA			
				2.140 (95%)	2.178 (85%)	CPCS2.5DB			
				2.159 (90%)	2.197 (80%)	CPCS2.5DC			
				2.178 (85%)	2.216 (75%)	CPCS2.5DD			
M2.5 × 0.35	45	7.5	3.0	2.197 (80%)	2.235 (70%)	CPCS2.5DE	3.8	5.0	6.3
				2.216 (75%)	2.254 (65%)	CPCS2.5DF			
				100%—70% (5개세트)		CPCS2.5DS			
				95%—65% (5개세트)		CPCS2.5DM			
				2.459 (100%)	2.513 (90%)	CPCS3.0GA			
				2.486 (95%)	2.540 (85%)	CPCS3.0GB			
				2.513 (90%)	2.567 (80%)	CPCS3.0GC			
				2.540 (85%)	2.594 (75%)	CPCS3.0GD			
				2.567 (80%)	2.621 (70%)	CPCS3.0GE			
				2.594 (75%)	2.648 (65%)	CPCS3.0GF			
M3 × 0.5	49	9.0	4.0	100%—70% (5개세트)		CPCS3.0GS	4.5	6.0	7.5
				95%—65% (5개세트)		CPCS3.0GM			

치수	L	ℓ	Ds	d1 (걸림비율)	d2 (걸림비율)	상품코드	ℓ1 (1.50)	ℓ2 (2.0)	ℓ3 (2.50)
M3 × 0.35	49	9.0	4.0	2.621 (100%)	2.659 (90%)	CPCS3.0DA	4.5	6.0	7.5
				2.640 (95%)	2.678 (85%)	CPCS3.0DB			
				2.659 (90%)	2.697 (80%)	CPCS3.0DC			
				2.678 (85%)	2.716 (75%)	CPCS3.0DD			
				2.697 (80%)	2.735 (70%)	CPCS3.0DE			
				2.716 (75%)	2.754 (65%)	CPCS3.0DF			
				100%—70% (5개세트)		CPCS3.0DS			
				95%—65% (5개세트)		CPCS3.0DM			
				2.850 (100%)	2.915 (90%)	CPCS3.5HA			
				2.883 (95%)	2.948 (85%)	CPCS3.5HB			
M3.5 × 0.6	57	11.0	5.0	2.915 (90%)	2.980 (80%)	CPCS3.5HC	5.3	7.0	8.8
				2.948 (85%)	3.013 (75%)	CPCS3.5HD			
				2.980 (80%)	3.045 (70%)	CPCS3.5HE			
				3.013 (75%)	3.078 (65%)	CPCS3.5HF			
				100%—70% (5개세트)		CPCS3.5HS			
				95%—65% (5개세트)		CPCS3.5HM			
				3.121 (100%)	3.159 (90%)	CPCS3.5DA			
				3.140 (95%)	3.178 (85%)	CPCS3.5DB			
				3.159 (90%)	3.197 (80%)	CPCS3.5DC			
				3.178 (85%)	3.216 (75%)	CPCS3.5DD			
M3.5 × 0.35	57	11.0	5.0	3.197 (80%)	3.235 (70%)	CPCS3.5DE	5.3	7.0	8.8
				3.216 (75%)	3.254 (65%)	CPCS3.5DF			
				100%—70% (5개세트)		CPCS3.5DS			
				95%—65% (5개세트)		CPCS3.5DM			
				3.242 (100%)	3.318 (90%)	CPCS4.0IA			
				3.280 (95%)	3.356 (85%)	CPCS4.0IB			
				3.318 (90%)	3.394 (80%)	CPCS4.0IC			
				3.356 (85%)	3.432 (75%)	CPCS4.0ID			
				3.394 (80%)	3.470 (70%)	CPCS4.0IE			
				3.432 (75%)	3.507 (65%)	CPCS4.0IF			
M4 × 0.7	57	11.0	5.0	100%—70% (5개세트)		CPCS4.0IS	6.0	8.0	10.0
				95%—65% (5개세트)		CPCS4.0IM			

※ 관리 할 구멍 치수는 목 부분에 식별용 색상이 있습니다.

(단위 : mm)

치수	L	ℓ	D _s	d1 (감람비율)	d2 (감람비율)	상품코드	ℓ1 (150)	ℓ2 (20)	ℓ3 (250)
M4 × 0.5	57	11.0	5.0	3.459 (100%)	3.513 (90%)	CPCS4.0GA	6.0	8.0	10.0
				3.486 (95%)	3.540 (85%)	CPCS4.0GB			
				3.513 (90%)	3.567 (80%)	CPCS4.0GC			
				3.540 (85%)	3.594 (75%)	CPCS4.0GD			
				3.567 (80%)	3.621 (70%)	CPCS4.0GE			
				3.594 (75%)	3.648 (65%)	CPCS4.0GF			
				100% - 70% (5개셋)		CPCS4.0GS			
				95% - 65% (5개셋)		CPCS4.0GM			
				3.686 (100%)	3.769 (90%)	CPCS4.5JA			
				3.729 (95%)	3.810 (85%)	CPCS4.5JB			
M4.5 × 0.75	65	14.0	5.5	3.769 (90%)	3.850 (80%)	CPCS4.5JC	6.8	9.0	11.3
				3.810 (85%)	3.891 (75%)	CPCS4.5JD			
				3.850 (80%)	3.932 (70%)	CPCS4.5JE			
				3.891 (75%)	3.972 (65%)	CPCS4.5JF			
				100% - 70% (5개셋)		CPCS4.5JS			
				95% - 65% (5개셋)		CPCS4.5JM			
				3.959 (100%)	4.013 (90%)	CPCS4.5GA			
				3.986 (95%)	4.040 (85%)	CPCS4.5GB			
				4.013 (90%)	4.067 (80%)	CPCS4.5GC			
				4.040 (85%)	4.094 (75%)	CPCS4.5GD			
M4.5 × 0.5	65	14.0	5.5	4.067 (80%)	4.121 (70%)	CPCS4.5GE	6.8	9.0	11.3
				4.094 (75%)	4.148 (65%)	CPCS4.5GF			
				100% - 70% (5개셋)		CPCS4.5GS			
				95% - 65% (5개셋)		CPCS4.5GM			
				4.134 (100%)	4.221 (90%)	CPCS5.0KA			
				4.177 (95%)	4.264 (85%)	CPCS5.0KB			
				4.221 (90%)	4.307 (80%)	CPCS5.0KC			
				4.264 (85%)	4.350 (75%)	CPCS5.0KD			
				4.307 (80%)	4.394 (70%)	CPCS5.0KE			
				4.350 (75%)	4.437 (65%)	CPCS5.0KF			
M5 × 0.8	65	14.0	5.5	100% - 70% (5개셋)		CPCS5.0KS	7.5	10.0	12.5
				95% - 65% (5개셋)		CPCS5.0KM			
				4.459 (100%)	4.513 (90%)	CPCS5.0GA			
				4.486 (95%)	4.540 (85%)	CPCS5.0GB			
				4.513 (90%)	4.567 (80%)	CPCS5.0GC			
				4.540 (85%)	4.594 (75%)	CPCS5.0GD			
				4.567 (80%)	4.621 (70%)	CPCS5.0GE			
				4.594 (75%)	4.648 (65%)	CPCS5.0GF			
				100% - 70% (5개셋)		CPCS5.0GS			
				95% - 65% (5개셋)		CPCS5.0GM			
M5 × 0.5	65	14.0	5.5	4.917 (100%)	5.026 (90%)	CPCS6.0MA	7.5	10.0	12.5
				4.972 (95%)	5.080 (85%)	CPCS6.0MB			
				5.026 (90%)	5.134 (80%)	CPCS6.0MC			
				5.080 (85%)	5.188 (75%)	CPCS6.0MD			
				5.134 (80%)	5.242 (70%)	CPCS6.0ME			
				5.188 (75%)	5.296 (65%)	CPCS6.0MF			
				100% - 70% (5개셋)		CPCS6.0MS			
				95% - 65% (5개셋)		CPCS6.0MM			
				5.188 (100%)	5.269 (90%)	CPCS6.0JA			
				5.229 (95%)	5.310 (85%)	CPCS6.0JB			
M6 × 1	73	16.5	6.0	5.269 (90%)	5.350 (80%)	CPCS6.0JC	9.0	12.0	15.0
				5.310 (85%)	5.391 (75%)	CPCS6.0JD			
				5.350 (80%)	5.432 (70%)	CPCS6.0JE			
				5.391 (75%)	5.472 (65%)	CPCS6.0JF			
				100% - 70% (5개셋)		CPCS6.0JS			
				95% - 65% (5개셋)		CPCS6.0JM			
				5.917 (100%)	6.026 (90%)	CPCS7.0MA			
				5.972 (95%)	6.080 (85%)	CPCS7.0MB			
				6.026 (90%)	6.134 (80%)	CPCS7.0MC			
				6.080 (85%)	6.188 (75%)	CPCS7.0MD			
M6 × 0.75	73	16.5	6.0	6.134 (80%)	6.242 (70%)	CPCS7.0ME	10.5	14.0	17.5
				6.188 (75%)	6.296 (65%)	CPCS7.0MF			
				100% - 70% (5개셋)		CPCS7.0MS			
				95% - 65% (5개셋)		CPCS7.0MM			
				6.188 (100%)	6.269 (90%)	CPCS7.0JA			
				6.229 (95%)	6.310 (85%)	CPCS7.0JB			
				6.269 (90%)	6.350 (80%)	CPCS7.0JC			
				6.310 (85%)	6.391 (75%)	CPCS7.0JD			
				6.350 (80%)	6.432 (70%)	CPCS7.0JE			
				6.391 (75%)	6.472 (65%)	CPCS7.0JF			
M7 × 1	99	22.0	8.0	100% - 70% (5개셋)		CPCS7.0JS	10.5	14.0	17.5
				95% - 65% (5개셋)		CPCS7.0JM			
				6.647 (100%)	6.782 (90%)	CPCS8.0NA			
				6.714 (95%)	6.850 (85%)	CPCS8.0NB			
				6.782 (90%)	6.917 (80%)	CPCS8.0NC			
				6.850 (85%)	6.985 (75%)	CPCS8.0ND			
				6.917 (80%)	7.053 (70%)	CPCS8.0NE			
				6.985 (75%)	7.120 (65%)	CPCS8.0NF			
				100% - 70% (5개셋)		CPCS8.0NS			
				95% - 65% (5개셋)		CPCS8.0NM			
M8 × 1.25	99	22.0	8.0	6.917 (100%)	7.026 (90%)	CPCS8.0MA	12.0	16.0	20.0
				6.972 (95%)	7.080 (85%)	CPCS8.0MB			
				7.026 (90%)	7.134 (80%)	CPCS8.0MC			
				7.080 (85%)	7.188 (75%)	CPCS8.0MD			
				7.134 (80%)	7.242 (70%)	CPCS8.0ME			
				7.188 (75%)	7.296 (65%)	CPCS8.0MF			
				100% - 70% (5개셋)		CPCS8.0MS			
				95% - 65% (5개셋)		CPCS8.0MM			
				7.188 (100%)	7.269 (90%)	CPCS8.0JA			
				7.229 (95%)	7.310 (85%)	CPCS8.0JB			
M8 × 0.75	99	22.0	8.0	7.269 (90%)	7.350 (80%)	CPCS8.0JC	12.0	16.0	20.0
				7.310 (85%)	7.391 (75%)	CPCS8.0JD			
				7.350 (80%)	7.432 (70%)	CPCS8.0JE			
				7.391 (75%)	7.472 (65%)	CPCS8.0JF			
				100% - 70% (5개셋)		CPCS8.0JS			
				95% - 65% (5개셋)		CPCS8.0JM			
				7.647 (100%)	7.782 (90%)	CPCS9.0NA			
				7.714 (95%)	7.850 (85%)	CPCS9.0NB			
				7.782 (90%)	7.917 (80%)	CPCS9.0NC			
				7.850 (85%)	7.985 (75%)	CPCS9.0ND			
M9 × 1.25	110	27.5	10.0	7.917 (80%)	8.053 (70%)	CPCS9.0NE	13.5	18.0	22.5
				7.985 (75%)	8.120 (65%)	CPCS9.0NF			
				100% - 70% (5개셋)		CPCS9.0NS			
				95% - 65% (5개셋)		CPCS9.0NM			

치수	L	ℓ	D _s	d1 (감람비율)	d2 (감람비율)	상품코드	ℓ1 (150)	ℓ2 (20)	ℓ3 (250)
M9×1	110	27.5	10.0	7.917 (100%)	8.026 (90%)	CPCS9.0MA	13.5	18.0	22.5
				7.972 (95%)	8.080 (85%)	CPCS9.0MB			
				8.026 (90%)	8.134 (80%)	CPCS9.0MC			
				8.080 (85%)	8.188 (75%)	CPCS9.0MD			
				8.134 (80%)	8.242 (70%)	CPCS9.0ME			
				8.188 (75%)	8.296 (65%)	CPCS9.0MF			
				100%－70% (5개셋)	CPCS9.0MS				
				95%－65% (5개셋)	CPCS9.0MM				
				8.188 (100%)	8.269 (90%)	CPCS9.0JA			
				8.229 (95%)	8.310 (85%)	CPCS9.0JB			
M9×0.75	110	27.5	10.0	8.269 (90%)	8.350 (80%)	CPCS9.0JC	13.5	18.0	22.5
				8.310 (85%)	8.391 (75%)	CPCS9.0JD			
				8.350 (80%)	8.432 (70%)	CPCS9.0JE			
				8.391 (75%)	8.472 (65%)	CPCS9.0JF			
				100%－70% (5개셋)	CPCS9.0JS				
				95%－65% (5개셋)	CPCS9.0JM				
				8.376 (100%)	8.538 (90%)	CPCS0100A			
				8.457 (95%)	8.620 (85%)	CPCS0100B			
				8.538 (90%)	8.701 (80%)	CPCS0100C			
				8.620 (85%)	8.782 (75%)	CPCS0100D			
M10×1.5	110	27.5	10.0	8.701 (80%)	8.863 (70%)	CPCS0100E	15.0	20.0	25.0
				8.782 (75%)	8.944 (65%)	CPCS0100F			
				100%－70% (5개셋)	CPCS0100S				
				95%－65% (5개셋)	CPCS0100M				
				8.647 (100%)	8.782 (90%)	CPCS0101A			
				8.714 (95%)	8.850 (85%)	CPCS0101B			
				8.782 (90%)	8.917 (80%)	CPCS0101C			
				8.850 (85%)	8.985 (75%)	CPCS0101D			
				8.917 (80%)	9.053 (70%)	CPCS0101E			
				8.985 (75%)	9.120 (65%)	CPCS0101F			
M10×1.25	110	27.5	10.0	100%－70% (5개셋)	CPCS0101S				
				95%－65% (5개셋)	CPCS0101M				
				8.917 (100%)	9.026 (90%)	CPCS0101A			
				8.972 (95%)	9.080 (85%)	CPCS0101B			
				9.026 (90%)	9.134 (80%)	CPCS0101C			
				9.080 (85%)	9.188 (75%)	CPCS0101D			
				9.134 (80%)	9.242 (70%)	CPCS0101E			
				9.188 (75%)	9.296 (65%)	CPCS0101F			
				100%－70% (5개셋)	CPCS0101S				
				95%－65% (5개셋)	CPCS0101M				
M10×1	110	27.5	10.0	9.376 (100%)	9.538 (90%)	CPCS0101A	15.0	20.0	25.0
				9.457 (95%)	9.620 (85%)	CPCS0101B			
				9.538 (90%)	9.701 (80%)	CPCS0101C			
				9.620 (85%)	9.782 (75%)	CPCS0101D			
				9.701 (80%)	9.863 (70%)	CPCS0101E			
				9.782 (75%)	9.944 (65%)	CPCS0101F			
				100%－70% (5개셋)	CPCS0101S				
				95%－65% (5개셋)	CPCS0101M				
				9.376 (100%)	9.538 (90%)	CPCS0101A			
				9.457 (95%)	9.620 (85%)	CPCS0101B			
M10×0.75	110	27.5	10.0	9.538 (90%)	9.701 (80%)	CPCS0101C	15.0	20.0	25.0
				9.620 (85%)	9.782 (75%)	CPCS0101D			
				9.701 (80%)	9.863 (70%)	CPCS0101E			
				9.782 (75%)	9.944 (65%)	CPCS0101F			
				100%－70% (5개셋)	CPCS0101S				
				95%－65% (5개셋)	CPCS0101M				
				9.376 (100%)	9.538 (90%)	CPCS0101A			
				9.457 (95%)	9.620 (85%)	CPCS0101B			
				9.538 (90%)	9.701 (80%)	CPCS0101C			
				9.620 (85%)	9.782 (75%)	CPCS0101D			
M11×1.5	121	33.0	12.0	9.701 (80%)	9.863 (70%)	CPCS0101E	16.5	22.0	27.5
				9.782 (75%)	9.944 (65%)	CPCS0101F			
				100%－70% (5개셋)	CPCS0101S				
				95%－65% (5개셋)	CPCS0101M				
				9.376 (100%)	9.538 (90%)	CPCS0101A			
				9.457 (95%)	9.620 (85%)	CPCS0101B			
				9.538 (90%)	9.701 (80%)	CPCS0101C			
				9.620 (85%)	9.782 (75%)	CPCS0101D			
				9.701 (80%)	9.863 (70%)	CPCS0101E			
				9.782 (75%)	9.944 (65%)	CPCS0101F			
M11×1	121	33.0	12.0	100%－70% (5개셋)	CPCS0101S				
				95%－65% (5개셋)	CPCS0101M				
				9.917 (100%)	10.026 (90%)	CPCS0111A			
				9.972 (95%)	10.080 (85%)	CPCS0111B			
				10.026 (90%)	10.134 (80%)	CPCS0111C			
				10.080 (85%)	10.188 (75%)	CPCS0111D			
				10.134 (80%)	10.242 (70%)	CPCS0111E			
				10.134 (80%)	10.242 (70%)	CPCS0111F			
				100%－70% (5개셋)	CPCS0111S				
				95%－65% (5개셋)	CPCS0111M				
M11×0.75	121	33.0	12.0	10.188 (100%)	10.269 (90%)	CPCS0111A	16.5	22.0	27.5
				10.229 (95%)	10.310 (85%)	CPCS0111B			
				10.269 (90%)	10.350 (80%)	CPCS0111C			
				10.310 (85%)	10.391 (75%)	CPCS0111D			
				10.350 (80%)	10.432 (70%)	CPCS0111E			
				10.391 (75%)	10.472 (65%)	CPCS0111F			
				100%－70% (5개셋)	CPCS0111S				
				95%－65% (5개셋)	CPCS0111M				
				10.188 (100%)	10.269 (90%)	CPCS0111A			
				10.229 (95%)	10.310 (85%)	CPCS0111B			
M12×1.75	121	33.0	12.0	10.269 (90%)	10.350 (80%)	CPCS0111C	18.0	24.0	30.0
				10.310 (85%)	10.391 (75%)	CPCS0111D			
				10.350 (80%)	10.432 (70%)	CPCS0111E			
				10.391 (75%)	10.472 (65%)	CPCS0111F			
				100%－70% (5개셋)	CPCS0111S				
				95%－65% (5개셋)	CPCS0111M				
				10.105 (100%)	10.295 (90%)	CPCS0121A			
				10.200 (95%)	10.390 (85%)	CPCS0121B			
				10.295 (90%)	10.484 (80%)	CPCS0121C			
				10.390 (85%)	10.579 (75%)	CPCS0121D			
M12×1.5	121	33.0	12.0	10.484 (80%)	10.674 (70%)	CPCS0121E	18.0	24.0	30.0
				10.579 (75%)	10.769 (65%)	CPCS0121F			
				100%－70% (5개셋)	CPCS0121S				
				95%－65% (5개셋)	CPCS0121M				
				10.376 (100%)	10.538 (90%)	CPCS0120A			
				10.457 (95%)	10.620 (85%)	CPCS0120B			
				10.538 (90%)	10.701 (80%)	CPCS0120C			
				10.620 (85%)	10.782 (75%)	CPCS0120D			
				10.701 (80%)	10.863 (70%)	CPCS0120E			
				10.782 (75%)	10.944 (65%)	CPCS0120F			
M12×1.25	121	33.0	12.0	100%－70% (5개셋)	CPCS0120S				
				95%－65% (5개셋)	CPCS0120M				
				10.647 (100%)	10.782 (90%)	CPCS0121A			
				10.714 (95%)	10.850 (85%)	CPCS0121B			
				10.782 (90%)	10.917 (80%)	CPCS0121C			
				10.850 (85%)	10.985 (75%)	CPCS0121D			
				10.917 (80%)	11.053 (70%)	CPCS0121E			
				10.985 (75%)	11.120 (65%)	CPCS0121F			
				100%－70% (5개셋)	CPCS0121S				
				95%－65% (5개셋)	CPCS0121M				
M12×1	121	33.0	12.0	10.917 (100%)	11.026 (90%)	CPCS0121A	18.0	24.0	30.0
				10.972 (95%)	11.080 (85%)	CPCS0121B			
				11.026 (90%)	11.134 (80%)	CPCS0121C			
				11.080 (85%)	11.188 (75%)	CPCS0121D			
				11.134 (80%)	11.242 (70%)	CPCS0121E			
				11.188 (75%)	11.296 (65%)	CPCS0121F			
				100%－70% (5개셋)	CPCS0121S				
				95%－65% (5개셋)	CPCS0121M				
				10.917 (100%)	11.026 (90%)	CPCS0121A			
				10.972 (95%)	11.080 (85%)	CPCS0121B			

CPC-S

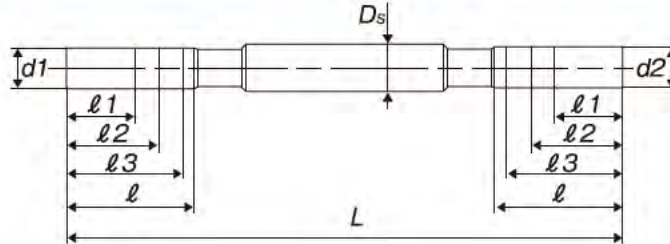
(유니파이 용)

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절삭 전용 체크핀(스트레이트타입) CPC-S (5개 1세트)



구멍직경 체크핀의 형상



(단위 : mm)

치수	L	ℓ	Ds	d1 (꺠림비율)	d2 (꺠림비율)	상품코드	ℓ1 (1.5D)	ℓ2 (2D)	ℓ3 (2.5D)
2-56UNC	41.5	5.5	3	1.695 (100%)	1.742 (90%)	CPCSUN2EA	3.3	4.4	5.5
				1.718 (95%)	1.767 (85%)	CPCSUN2EB			
				1.742 (90%)	1.791 (80%)	CPCSUN2EC			
				1.767 (85%)	1.816 (75%)	CPCSUN2ED			
				1.791 (80%)	1.840 (70%)	CPCSUN2EE			
				(5개 셋트)		CPCSUN2ES			
2-64UNF	41.5	5.5	3	1.756 (100%)	1.797 (90%)	CPCSUN2DA	3.3	4.4	5.5
				1.776 (95%)	1.819 (85%)	CPCSUN2DB			
				1.797 (90%)	1.840 (80%)	CPCSUN2DC			
				1.819 (85%)	1.862 (75%)	CPCSUN2DD			
				1.840 (80%)	1.883 (70%)	CPCSUN2DE			
				(5개 셋트)		CPCSUN2DS			
3-48UNC	45	7.5	3	1.941 (100%)	1.999 (90%)	CPCSUN3FA	3.8	5.0	6.3
				1.971 (95%)	2.028 (85%)	CPCSUN3FB			
				1.999 (90%)	2.057 (80%)	CPCSUN3FC			
				2.028 (85%)	2.085 (75%)	CPCSUN3FD			
				2.057 (80%)	2.114 (70%)	CPCSUN3FE			
				(5개 셋트)		CPCSUN3FS			
3-56UNF	45	7.5	3	2.025 (100%)	2.073 (90%)	CPCSUN3EA	3.8	5.0	6.3
				2.049 (95%)	2.098 (85%)	CPCSUN3EB			
				2.073 (90%)	2.122 (80%)	CPCSUN3EC			
				2.098 (85%)	2.147 (75%)	CPCSUN3ED			
				2.122 (80%)	2.171 (70%)	CPCSUN3EE			
				(5개 셋트)		CPCSUN3ES			
4-40UNC	45	7.5	3	2.157 (100%)	2.226 (90%)	CPCSUN4HA	4.3	5.7	7.1
				2.192 (95%)	2.261 (85%)	CPCSUN4HB			
				2.226 (90%)	2.295 (80%)	CPCSUN4HC			
				2.261 (85%)	2.329 (75%)	CPCSUN4HD			
				2.295 (80%)	2.364 (70%)	CPCSUN4HE			
				(5개 셋트)		CPCSUN4HS			

치수	L	ℓ	Ds	d1 (꺠림비율)	d2 (꺠림비율)	상품코드	ℓ1 (1.5D)	ℓ2 (2D)	ℓ3 (2.5D)
4-48UNF	45	7.5	3	2.271 (100%)	2.329 (90%)	CPCSUN4FA	4.3	5.7	7.1
				2.301 (95%)	2.358 (85%)	CPCSUN4FB			
				2.329 (90%)	2.387 (80%)	CPCSUN4FC			
				2.358 (85%)	2.415 (75%)	CPCSUN4FD			
				2.387 (80%)	2.444 (70%)	CPCSUN4FE			
				(5개 셋트)		CPCSUN4FS			
5-40UNC	49	9	4	2.487 (100%)	2.556 (90%)	CPCSUN5HA	4.8	6.4	7.9
				2.522 (95%)	2.591 (85%)	CPCSUN5HB			
				2.556 (90%)	2.625 (80%)	CPCSUN5HC			
				2.591 (85%)	2.659 (75%)	CPCSUN5HD			
				2.625 (80%)	2.694 (70%)	CPCSUN5HE			
				(5개 셋트)		CPCSUN5HS			
5-44UNF	49	9	4	2.551 (100%)	2.613 (90%)	CPCSUN5GA	4.8	6.4	7.9
				2.581 (95%)	2.644 (85%)	CPCSUN5GB			
				2.613 (90%)	2.675 (80%)	CPCSUN5GC			
				2.644 (85%)	2.706 (75%)	CPCSUN5GD			
				2.675 (80%)	2.738 (70%)	CPCSUN5GE			
				(5개 셋트)		CPCSUN5GS			
6-32UNC	49	9	4	2.642 (100%)	2.732 (90%)	CPCSUN6JA	5.3	7.0	8.8
				2.689 (95%)	2.775 (85%)	CPCSUN6JB			
				2.732 (90%)	2.818 (80%)	CPCSUN6JC			
				2.775 (85%)	2.861 (75%)	CPCSUN6JD			
				2.818 (80%)	2.903 (70%)	CPCSUN6JE			
				(5개 셋트)		CPCSUN6JS			
6-40UNF	49	9	4	2.820 (100%)	2.886 (90%)	CPCSUN6HA	5.3	7.0	8.8
				2.852 (95%)	2.921 (85%)	CPCSUN6HB			
				2.886 (90%)	2.955 (80%)	CPCSUN6HC			
				2.921 (85%)	2.989 (75%)	CPCSUN6HD			
				2.955 (80%)	3.024 (70%)	CPCSUN6HE			
				(5개 셋트)		CPCSUN6HS			

※ 관련 알 구멍 치수는 목 부분에 식별용 색상이 있습니다.

(단위 : mm)

치수	L	ℓ	D ₂	d1 (결림비율)	d2 (결림비율)	상품코드	ℓ1 (1.5D)	ℓ2 (2D)	ℓ3 (2.5D)
8-32UNC	57	11	5	3.302 (100%)	3.394 (90%)	CPCSUN8JA	6.3	8.3	10.4
				3.351 (95%)	3.437 (85%)	CPCSUN8JB			
				3.394 (90%)	3.480 (80%)	CPCSUN8JC			
				3.437 (85%)	3.523 (75%)	CPCSUN8JD			
				3.480 (80%)	3.565 (70%)	CPCSUN8JE			
				(5개 세트)		CPCSUN8JS			
8-36UNF	57	11	5	3.404 (100%)	3.480 (90%)	CPCSUN8IA	6.3	8.3	10.4
				3.441 (95%)	3.518 (85%)	CPCSUN8IB			
				3.480 (90%)	3.556 (80%)	CPCSUN8IC			
				3.518 (85%)	3.594 (75%)	CPCSUN8ID			
				3.556 (80%)	3.632 (70%)	CPCSUN8IE			
				(5개 세트)		CPCSUN8IS			
10-24UNC	65	14	5.5	3.683 (100%)	3.795 (90%)	CPCSUNAMA	7.2	9.7	12.1
				3.738 (95%)	3.852 (85%)	CPCSUNAMB			
				3.795 (90%)	3.909 (80%)	CPCSUNAMC			
				3.852 (85%)	3.967 (75%)	CPCSUNAMD			
				3.909 (80%)	4.024 (70%)	CPCSUNAME			
				(5개 세트)		CPCSUNAMS			
10-32UNF	65	14	5.5	3.963 (100%)	4.053 (90%)	CPCSUNAJA	7.2	9.7	12.1
				4.010 (95%)	4.096 (85%)	CPCSUNAJB			
				4.053 (90%)	4.139 (80%)	CPCSUNAJC			
				4.096 (85%)	4.182 (75%)	CPCSUNAJD			
				4.139 (80%)	4.224 (70%)	CPCSUNAJE			
				(5개 세트)		CPCSUNAJJS			
12-24UNC	65	14	5.5	4.344 (100%)	4.455 (90%)	CPCSUNCMA	8.2	11.0	13.7
				4.398 (95%)	4.512 (85%)	CPCSUNCMB			
				4.455 (90%)	4.569 (80%)	CPCSUNCMC			
				4.512 (85%)	4.627 (75%)	CPCSUNCMD			
				4.569 (80%)	4.684 (70%)	CPCSUNCME			
				(5개 세트)		CPCSUNCMS			
12-28UNF	65	14	5.5	4.496 (100%)	4.602 (90%)	CPCSUNCKA	8.2	11.0	13.7
				4.553 (95%)	4.651 (85%)	CPCSUNCKB			
				4.602 (90%)	4.700 (80%)	CPCSUNCKC			
				4.651 (85%)	4.749 (75%)	CPCSUNCKD			
				4.700 (80%)	4.799 (70%)	CPCSUNCKE			
				(5개 세트)		CPCSUNCKS			
1/4-20UNC	73	16.5	6	4.979 (100%)	5.113 (90%)	CPCSU04NA	9.5	12.7	15.9
				5.044 (95%)	5.181 (85%)	CPCSU04NB			
				5.113 (90%)	5.250 (80%)	CPCSU04NC			
				5.181 (85%)	5.319 (75%)	CPCSU04ND			
				5.250 (80%)	5.388 (70%)	CPCSU04NE			
				(5개 세트)		CPCSU04NS			
1/4-28UNF	73	16.5	6	5.360 (100%)	5.466 (90%)	CPCSU04KA	9.5	12.7	15.9
				5.417 (95%)	5.515 (85%)	CPCSU04KB			
				5.466 (90%)	5.564 (80%)	CPCSU04KC			
				5.515 (85%)	5.613 (75%)	CPCSU04KD			
				5.564 (80%)	5.663 (70%)	CPCSU04KE			
				(5개 세트)		CPCSU04KS			

치수	L	ℓ	D ₂	d1 (결림비율)	d2 (결림비율)	상품코드	ℓ1 (1.5D)	ℓ2 (2D)	ℓ3 (2.5D)
5/16-18UNC	99	22	8	6.401 (100%)	6.563 (90%)	CPCSU050A	11.9	15.9	19.8
				6.487 (95%)	6.639 (85%)	CPCSU050B			
				6.563 (90%)	6.716 (80%)	CPCSU050C			
				6.639 (85%)	6.792 (75%)	CPCSU050D			
				6.716 (80%)	6.869 (70%)	CPCSU050E			
				(5개 세트)		CPCSU050S			
5/16-24UNF	99	22	8	6.782 (100%)	6.907 (90%)	CPCSU05MA	11.9	15.9	19.8
				6.850 (95%)	6.964 (85%)	CPCSU05MB			
				6.907 (90%)	7.021 (80%)	CPCSU05MC			
				6.964 (85%)	7.079 (75%)	CPCSU05MD			
				7.021 (80%)	7.136 (70%)	CPCSU05ME			
				(5개 세트)		CPCSU05MS			
3/8-16UNC	110	27.5	10	7.796 (100%)	7.978 (90%)	CPCSU06PA	14.3	19.1	23.8
				7.892 (95%)	8.064 (85%)	CPCSU06PB			
				7.978 (90%)	8.150 (80%)	CPCSU06PC			
				8.064 (85%)	8.236 (75%)	CPCSU06PD			
				8.150 (80%)	8.322 (70%)	CPCSU06PE			
				(5개 세트)		CPCSU06PS			
3/8-24UNF	110	27.5	10	8.382 (100%)	8.494 (90%)	CPCSU06MA	14.3	19.1	23.8
				8.437 (95%)	8.551 (85%)	CPCSU06MB			
				8.494 (90%)	8.608 (80%)	CPCSU06MC			
				8.551 (85%)	8.666 (75%)	CPCSU06MD			
				8.608 (80%)	8.723 (70%)	CPCSU06ME			
				(5개 세트)		CPCSU06MS			
7/16-14UNC	121	33	12	9.144 (100%)	9.345 (90%)	CPCSU07QA	16.7	22.2	27.8
				9.247 (95%)	9.443 (85%)	CPCSU07QB			
				9.345 (90%)	9.542 (80%)	CPCSU07QC			
				9.443 (85%)	9.640 (75%)	CPCSU07QD			
				9.542 (80%)	9.738 (70%)	CPCSU07QE			
				(5개 세트)		CPCSU07QS			
7/16-20UNF	121	33	12	9.729 (100%)	9.876 (90%)	CPCSU07NA	16.7	22.2	27.8
				9.807 (95%)	9.944 (85%)	CPCSU07NB			
				9.876 (90%)	10.013 (80%)	CPCSU07NC			
				9.944 (85%)	10.082 (75%)	CPCSU07ND			
				10.013 (80%)	10.151 (70%)	CPCSU07NE			
				(5개 세트)		CPCSU07NS			
1/2-13UNC	121	33	12	10.592 (100%)	10.796 (90%)	CPCSU08RA	19.1	25.4	31.8
				10.691 (95%)	10.902 (85%)	CPCSU08RB			
				10.796 (90%)	11.008 (80%)	CPCSU08RC			
				10.902 (85%)	11.114 (75%)	CPCSU08RD			
				11.008 (80%)	11.219 (70%)	CPCSU08RE			
				(5개 세트)		CPCSU08RS			
1/2-20UNF	121	33	12	11.329 (100%)	11.463 (90%)	CPCSU08NA	19.1	25.4	31.8
				11.394 (95%)	11.531 (85%)	CPCSU08NB			
				11.463 (90%)	11.600 (80%)	CPCSU08NC			
				11.531 (85%)	11.669 (75%)	CPCSU08ND			
				11.600 (80%)	11.738 (70%)	CPCSU08NE			
				(5개 세트)		CPCSU08NS			

※ 관리 알 구멍 치수는 목 부분에 식별용 색상이 있습니다.



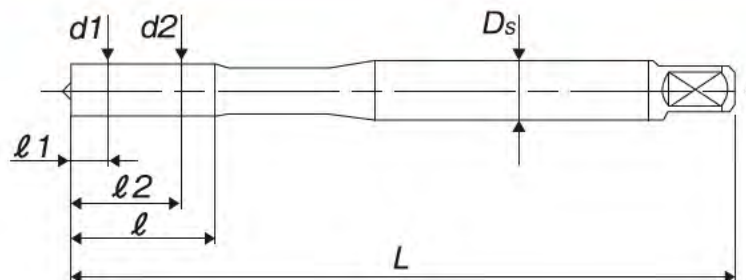
특징

1. 1 개로 아래 구멍 지름을 빠르게 검사할 수 있습니다.
2. 내마모성을 고려한 고속도 공구강을 사용하고 있습니다.
3. 뚫린 구멍 또는 여유가 있는 막힌 홀에 모두 사용할 수 있습니다.

■ 아래 구멍 지름 $\phi 10.37$ 체크 예



■ 구멍직경 체크핀의 형상



(단위: mm)

치수	L	l	D_s	d_1 (걸림비율)	d_2 (걸림비율)	상품코드	(l1)	(l2)
M2 × 0.4	42	7	3	1.567 (100%)	1.679 (74%)	CPCT2.0E	1	6
M2.5 × 0.45	46	8	3	2.013 (100%)	2.138 (74%)	CPCT2.5F	1.5	6.5
M3 × 0.5	46	8.5	4	2.459 (100%)	2.599 (74%)	CPCT3.0G	1.5	7
M4 × 0.7	52	11	5	3.242 (100%)	3.422 (76%)	CPCT4.0I	2.3	8.3
M5 × 0.8	59.5	13	5.5	4.134 (100%)	4.334 (77%)	CPCT5.0K	2.5	10
M6 × 1	61.5	17	6	4.917 (100%)	5.153 (78%)	CPCT6.0M	3.8	12.8
M8 × 1.25	90	19	8	6.647 (100%)	6.912 (80%)	CPCT8.0N	4.7	14.7
M10 × 1.5	100	23	10	8.376 (100%)	8.676 (82%)	CPCT0100	6.7	16.7
M12 × 1.75	110	27	12	10.106 (100%)	10.441 (82%)	CPCT012P	7.7	19.7

※ M2~M6은 선단이 평형입니다.

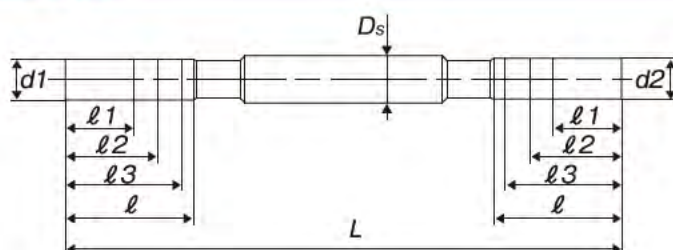
CPR-S Check pin for Forming Straight

를 탭용 체크핀 (스트레이트 타입) CPR-S



- 특징**
1. 여러 종류의 구멍 직경 검사와 구멍 깊이를 확인할 수 있습니다.
 2. 내마모성을 고려한 고속도 공구강을 사용하고 있습니다.
 3. 막힌 홀에 사용하실 수 있습니다.

■ 구멍직경 체크핀의 형상



(단위 : mm)

치수	L	ℓ	Ds	d1	d2	상품코드	ℓ1	ℓ2	ℓ3
M2X0.4	41.5	5.5	3	1.790	1.840	CPRS2.0E	3	4	5
M2.5X0.45	41.5	5.5	3	2.270	2.340	CPRS2.5F	3.75	5	6.25
M2.6X0.45	41.5	5.5	3	2.370	2.440	CPRS2.6F	3.9	5.2	6.5
M3X0.5	49	9	4	2.750	2.820	CPRS3.0G	4.5	6	7.5
M4X0.7	57	11	5	3.650	3.720	CPRS4.0I	6	8	10
M5X0.8	65	14	5.5	4.590	4.670	CPRS5.0K	7.5	10	12.5
M6X1	73	16.5	6	5.490	5.590	CPRS6.0M	9	12	5
M8X1.25	99	22	8	7.360	7.490	CPRS8.0N	12	16	20
M10X1.5	110	27.5	10	9.220	9.340	CPRS0100	15	20	25
M10X1.25	110	27.5	10	9.350	9.490	CPRS010N	15	20	25
M12X1.75	121	33	12	11.090	11.230	CPRS012P	18	24	30
M12X1.5	121	33	12	11.220	11.340	CPRS0120	18	24	30
M12X1.25	121	33	12	11.360	11.500	CPRS012N	18	24	30
2-56UNC	41.5	5.5	3	1.960	2.040	CPRSUN2E	3.3	4.4	5.5
2-64UNF	41.5	5.5	3	1.980	2.060	CPRSUN2D	3.3	4.4	5.5
3-48UNC	45	7.5	3	2.250	2.350	CPRSUN3F	3.8	5.0	6.3
3-56UNF	45	7.5	3	2.290	2.370	CPRSUN3E	3.8	5.0	6.3
4-40UNC	49	9	4	2.540	2.640	CPRSUN4H	4.3	5.7	7.1
4-48UNF	49	9	4	2.590	2.680	CPRSUN4F	4.3	5.7	7.1
5-40UNC	49	9	4	2.870	2.970	CPRSUN5H	4.8	6.4	7.9
치수	L	ℓ	Ds	d1	d2	상품코드	ℓ1	ℓ2	ℓ3
5-44UNF	49	9	4	2.900	2.990	CPRSUN5G	4.8	6.4	7.9
6-32UNC	57	11	5	3.110	3.220	CPRSUN6J	5.3	7.0	8.8
6-40UNF	57	11	5	3.190	3.290	CPRSUN6H	5.3	7.0	8.8
8-32UNC	57	11	5	3.780	3.890	CPRSUN8J	6.3	8.3	10.4
8-36UNF	57	11	5	3.810	3.910	CPRSUN8I	6.3	8.3	10.4
10-24UNC	65	14	5.5	4.300	4.440	CPRSUNAM	7.2	9.7	12.1
10-32UNF	65	14	5.5	4.440	4.530	CPRSUNAJ	7.2	9.7	12.1
12-24UNC	73	16.5	6	4.960	5.070	CPRSUNCM	8.2	11	13.7
12-28UNF	73	16.5	6	5.030	5.130	CPRSUNCK	8.2	11	13.7
1/4-20UNC	73	16.5	6	5.730	5.860	CPRSU04N	9.5	12.7	15.9
1/4-28UNF	73	16.5	6	5.910	6.000	CPRSU04K	9.5	12.7	15.9
5/16-18UNC	99	22	8	7.230	7.380	CPRSU050	12	16	20
5/16-24UNF	99	22	8	7.420	7.530	CPRSU05M	12	16	20
3/8-16UNC	110	27.5	10	8.720	8.890	CPRSU06P	14.3	19.1	23.8
3/8-24UNF	110	27.5	10	8.990	9.100	CPRSU06M	14.3	19.1	23.8
7/16-14UNC	121	33	12	10.200	10.400	CPRSU070	16.7	22.2	27.8
7/16-20UNF	121	33	12	10.480	10.620	CPRSU07N	16.7	22.2	27.8
1/2-13UNC	110	33	12	11.700	11.920	CPRSU08R	19.1	25.4	31.8
1/2-20UNF	110	33	12	12.060	12.200	CPRSU08N	19.1	25.4	31.8

CPR-T Check pin for Forming Straight

롤 탭용 체크핀 (테이퍼 타입) CPR-T

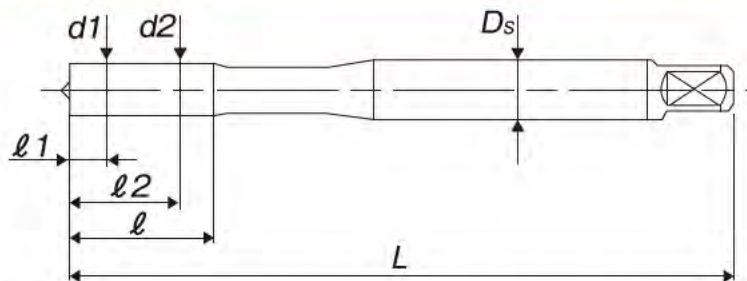


특징 1. 1 개로 아래 구멍 지름을 빠르게 검사할 수 있습니다.

2. 내마모성을 고려한 고속도 공구강을 사용하고 있습니다.

3. 뚫린 구멍 또는 여유가 있는 막힌 홀에 모두 사용할 수 있습니다.

구멍직경 체크핀의 형상



(단위 : mm)

치수	L	l	Ds	d1	d2	상품코드	l1	l2
M2X0.4	42	7	3	1.790	1.840	CPRT2.0E	1	6
M2.5X0.45	46	8	3	2.270	2.340	CPRT2.5F	1.5	6.5
M2.6X0.45	46	8	4	2.370	2.440	CPRT2.6F	1.5	6.5
M3X0.5	46	8.5	4	2.750	2.820	CPRT3.0G	1.5	7
M4X0.7	52	10.5	5	3.650	3.720	CPRT4.0I	2.3	8.3
M5X0.8	59.5	12.5	5.5	4.590	4.670	CPRT5.0K	2.5	10
M6X1	61.5	16.5	6	5.490	5.590	CPRT6.0M	3.8	12.8
M8X1.25	90	19.4	8	7.360	7.490	CPRT8.0N	4.7	14.7
M10X1.5	100	23.4	10	9.220	9.340	CPRT010O	6.7	16.7
M10X1.25	100	23.4	10	9.350	9.490	CPRT010N	6.7	16.7
M12X1.75	110	27.4	12	11.090	11.230	CPRT012P	7.7	19.7
M12X1.5	110	27.4	12	11.220	11.340	CPRT012O	7.7	19.7
M12X1.25	110	27.4	12	11.360	11.500	CPRT012N	7.7	19.7
2-56UNC	46	8	3	1.960	2.040	CPRTUN2E	1.5	6.5
2-64UNF	46	8	3	1.980	2.060	CPRTUN2D	1.5	6.5
3-48UNC	46	8	3	2.250	2.350	CPRTUN3F	1.5	6.5
3-56UNF	46	8	3	2.290	2.370	CPRTUN3E	1.5	6.5
4-40UNC	46	8.5	4	2.540	2.640	CPRTUN4H	1.5	7
4-48UNF	46	8.5	4	2.590	2.680	CPRTUN4F	1.5	7
5-40UNC	46	8.5	4	2.870	2.970	CPRTUN5H	1.5	7

치수	L	l	Ds	d1	d2	상품코드	l1	l2
5-44UNF	46	8.5	4	2.900	2.990	CPRTUN5G	1.5	7
6-32UNC	52	10.5	5	3.110	3.220	CPRTUN6J	2.25	8.3
6-40UNF	52	10.5	5	3.190	3.290	CPRTUN6H	2.25	8.3
8-32UNC	52	10.5	5	3.780	3.890	CPRTUN8J	2.25	8.3
8-36UNF	52	10.5	5	3.810	3.910	CPRTUN8I	2.25	8.3
10-24UNC	59.5	12.5	5.5	4.300	4.440	CPRTUNAM	2.5	10
10-32UNF	59.5	12.5	5.5	4.440	4.530	CPRTUNAJ	2.5	10
12-24UNC	61.5	16.5	6	4.960	5.070	CPRTUNCM	3.75	12.8
12-28UNF	61.5	16.5	6	5.030	5.130	CPRTUNCK	3.75	12.8
1/4-20UNC	61.5	16.5	6	5.730	5.860	CPRTU04N	3.75	12.8
1/4-28UNF	61.5	16.5	6	5.910	6.000	CPRTU04K	3.75	12.8
5/16-18UNC	90	19.4	8	7.230	7.380	CPRTU05O	4.7	14.7
5/16-24UNF	90	19.4	8	7.420	7.530	CPRTU05M	4.7	14.7
3/8-16UNC	100	23.4	10	8.720	8.890	CPRTU06P	6.7	16.7
3/8-24UNF	100	23.4	10	8.990	9.100	CPRTU06M	6.7	16.7
7/16-14UNC	110	27.4	12	10.200	10.400	CPRTU07O	7.7	19.7
7/16-20UNF	110	27.4	12	10.480	10.620	CPRTU07N	7.7	19.7
1/2-13UNC	110	27.4	12	11.700	11.920	CPRTU08R	7.7	19.7
1/2-20UNF	110	27.4	12	12.060	12.200	CPRTU08N	7.7	19.7

■ 아래 구멍의 상태를 체크하자!



절삭탭용 체크핀을 사용하여 실제로
M6×1 6H 암나사 아래 구멍 지름을 확인하자!

CPC - S (스트레이트) 사용 예

Step. 1

M6×1 6H 암나사 내경 규격을 확인합니다. Min. 4.917 Max. 5.153

Step. 2

M6×1 아래 구멍 체크핀 사이즈

치수	L	ℓ	Ds	d1 (걸림비율)	d2 (걸림비율)
M6×1	73	16.5	6	4.917 (100%)	5.026 (90%)
				4.972 (95%)	5.080 (85%)
				5.026 (90%)	5.134 (80%)
				5.080 (85%)	5.188 (75%)
				5.134 (80%)	5.242 (70%)

왼쪽의 표에서 6H 암나사 내경에
가장 최대 및 최소에 가까운 핀을 선정합니다.

⇒ ①4.917(100%)와 ②5.134(80%)

※ 피삭재의 특성에 따라 나사 아래 구멍 지름이
허용되는 범위에서 크게하면 태핑이 유리합니다.

Step. 3

실제로 Step.2에서 선택한 ①과 ②의 체크 핀을 삽입해 봅니다.

① 4.917
(100%)



부드럽게 안쪽까지 삽입

② 5.134
(80%)



들어 가지 않는다.

Good!

6H 암나사 내경을
통과하고 있습니다.



3 개의 라인에서 아
래 구멍 깊이도 쉽게
확인할 수 있습니다.

CPC - T (테이퍼 타입) 사용예

치수	L	ℓ	Ds	d1 (걸림비율)	d2 (걸림비율)	상품코드	(ℓ1)	(ℓ2)
M6×1	61.5	17	6	4.917 (100%)	5.153 (78%)	CPCT6.0M	3.8	12.8

✗



최소 라인까지
삽입할 수 없기
때문에 불합격

✗



최대 라인을
넘기 때문에
불합격



Good!



압격범위

최소라인 최대라인
4.917 5.153
(100%) (78%)



자세한 사용법 [동영상]은 여기!

