

SOLOD  
CARBIDE  
DRILLS



**ATOM<sup>®</sup>**

초소형 초정밀 초경 드릴 및 엔드밀

- 드릴 직경  $\varnothing$  0.02부터
- 엔드밀 직경  $\varnothing$  0.05부터
- $\varnothing$  0.01단위 표준품 생산








SOLOD  
CARBIDE  
END MILLS



**SAITO**










마이크로 드릴 일반샤크 시리즈 (Micro Drill Common Shank Series)

정밀가공용 드릴	Micro drill, Short flute		ADRS		Ø 0.10 ~ Ø 3.0
	Micro drill, Standard flute		ADR		Ø 0.02 ~ Ø 3.0
	Micro drill, Long flute		ADRL		Ø 0.03 ~ Ø 3.0
	Micro drill, 3,175 shank (1/8")		ADR31		Ø 0.04 ~ Ø 3.0
	Super precision Micro drill		ADR-SP		Ø 0.035 ~ Ø 3.0
	Micro drill "NEO-PRO" Series, Short flute	FSC Coating	ADRS-SV		Ø 0.10 ~ Ø 3.0
	Micro drill "NEO-PRO" Series, Standard flute	FSC Coating	ADR-SV		Ø 0.03 ~ Ø 3.0
	Micro drill "NEO-PRO" Series, Long flute	FSC Coating	ADRL-SV		Ø 0.03 ~ Ø 3.0
	Micro drill for Stainless steel	FSC Coating	ADR-SUS		Ø 0.10 ~ Ø 3.0
	Micro twist drill, 1 mm shank		AMSD		Ø 0.05 ~ Ø 0.99

스트레이트 샤크 드릴 시리즈 (Straight Shank Drill series)

일반용 스트레이트 샤크 드릴	Solid Standard Drill		ADS		Ø 0.3 ~ Ø 13
	Semi Long Drill		ADSL		Ø 0.3 ~ Ø 13
	Long Drill		ADL		Ø 0.3 ~ Ø 13
	Super Long Drill		ADLL		Ø 0.3 ~ Ø 13
	Coated Standard Drill		V-ADS		Ø 0.3 ~ Ø 6
알루미늄용	"MAXAL" Drill, for Aluminum		ACD		Ø 1.0 ~ Ø 12

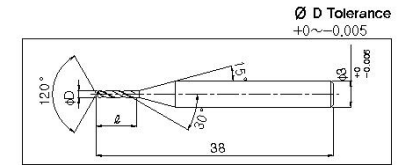
NC Pointing Drill

가이드 전용 드릴	강용 120° Point angle	for Ferrous (3 mm shank)		ADPF30		Ø 0.03 ~ Ø 3.0	
		for Ferrous (3 mm shank)	TiAlN Coating	V-ADPF30		Ø 0.03 ~ Ø 3.0	
		for Ferrous (3,175 mm shank)		ADPF31		Ø 0.03 ~ Ø 3.0	
		for Ferrous (3,175 mm shank)	TiAlN Coating	V-ADPF31		Ø 0.03 ~ Ø 3.0	
		for Non-Ferrous (3 mm shank)		ADPN30		Ø 0.03 ~ Ø 3.0	
	비철, 수지용 120° Point angle	for Non-Ferrous (3,175 mm shank)		ADPN31		Ø 0.03 ~ Ø 3.0	
		강용 90° Point angle	for Ferrous (3 mm shank)		ADPF309		Ø 0.03 ~ Ø 3.0
			for Ferrous (3 mm shank)	TiAlN Coating	V-ADPF309		Ø 0.03 ~ Ø 3.0
			for Non-Ferrous (3,175 mm shank)		ADPN309		Ø 0.03 ~ Ø 3.0

Sweep Cut Drill

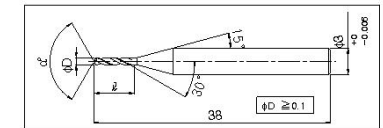
특수용도 드릴	Sweep Cut Drill 3mm Shank		ASWR		Ø 0.1 ~ Ø 3.0
	Sweep Cut Drill Straight Shank		ASWD		Ø 0.1 ~ Ø 6.0

Micro Drill Series  
ADRS/ADR/ADRL

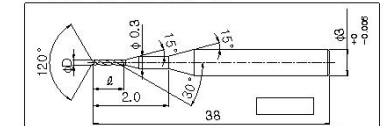


- 소구경 정밀 가공에 적합한 드릴입니다.
- 일반 강용부터 비철, 수지까지 폭넓게 적용이 가능합니다.

Micro Drill "NEO-PRO" Series (FSC Coated)  
ADRS-SV/ADR-SV/ADRL-SV

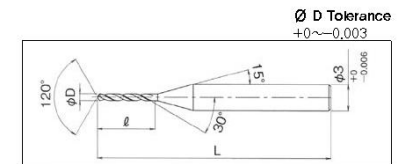


$\text{ØD} < 1.6\alpha^{\circ} = 120^{\circ}$   $\text{ØD} \geq 1.6\alpha^{\circ} = 135^{\circ}$



- 강용 소구경 정밀 가공용으로 개발되어 안정되고 긴 수명을 실현하는 새로운 제품입니다.
- 일반 강용부터 고경도(HRC 50)까지 폭넓게 대응이 가능한 코팅 드릴입니다.

Super Precision Micro Drill  
ADR-SP



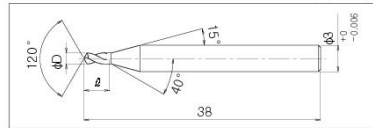
- 드릴경 0.01 사이즈의 중간 사이즈를 표준화.
- 이 초정밀 드릴은 2 Micron 이내의 흔들림을 억제해 주는 고정밀도 드릴입니다.

Guide Hole Drill 120°

NC Pointing Drill with 120° point angle

**ADPN30(비철,수지용)/ADPF30(강용)**

Ø D Tolerance  
 -0.005~-0.01(≦ Ø0.09)  
 -0.01~-0.015(≧ Ø0.1)



Ø 0.03~Ø 0.04は首逃げ2段形状です。

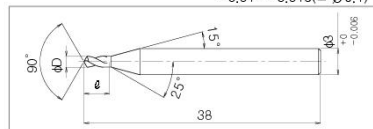
- 극 소형 홀 가공용 가이드 홀 전용 드릴입니다.
- 홀의 위치 및 홀 경의 정도의 어려운 가공에 최적입니다.

Guide Hole Drill 90°

NC Pointing Drill with 90° point angle

**ADPN309(비철,수지용)/ADPF309(강용)**

Ø D Tolerance  
 -0.005~-0.01(≦ Ø0.09)  
 -0.01~-0.015(≧ Ø0.1)



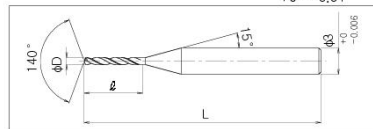
Ø 0.03~Ø 0.04は首逃げ2段形状です。

- 극 소형 홀 가공용 가이드 홀 전용 드릴입니다.
- 홀의 위치 및 홀 경의 정도의 어려운 가공에 최적입니다.

ADR-SUS Micro Drill for Stainless steel

**ADR-SUS**

Ø D Tolerance  
 +0~-0.01



- 스테인레스(SUS304), Kovar, Inconel, 니켈 등에서 긴 수명을 실현합니다.
- 고강성 설계로 난삭재 가공시 드릴파손을 방지합니다.

**리머 드릴 (3mm Shank Drill)**

Unit : mm

형번	직경 Ø D	날장 ℓ	전장 L	형번	직경 Ø D	날장 ℓ	전장 L
ADR	0.02	0.2	38	ADR & ADR-SV	0.17	1.8	38
ADR & ADR-SV	0.03	0.3	38	ADRL & ADRL-SV		4.5	
ADRL & ADRL-SV		0.6		1.5			
ADR & ADR-SV	0.04	0.4	38	ADRS & ADRS-SV	0.18	1	38
ADRL		0.8		2.1			
ADR & ADR-SV	0.05	0.5	38	ADRL & ADRL-SV		4.5	
ADRL		1.1		1.8			
ADR & ADR-SV	0.06	0.6	38	ADRS & ADRS-SV	0.19	1	38
ADRL		1.2		2.1			
ADR & ADR-SV	0.07	0.7	38	ADRL & ADRL-SV		4.5	
ADRL		1.4		1.8			
ADR & ADR-SV	0.08	0.8	38	ADRS & ADRS-SV	0.2	1	38
ADRL		1.6		2.4			
ADR & ADR-SV	0.09	0.9	38	ADRL & ADRL-SV		6	
ADRL		1.8		2			
ADRS & ADRS-SV	0.1	0.6	38	ADRS & ADRS-SV	0.21	1	38
ADR & ADR-SV		1.2		2.4			
ADRL & ADRL-SV		2.5		6			
ADR-SUS	0.11	1	38	ADR-SUS	0.22	2	38
ADRS & ADRS-SV		0.6		1.2			
ADR & ADR-SV		1.2		2.6			
ADRL & ADRL-SV	0.12	2.5	38	ADRL & ADRL-SV	0.23	6	38
ADR-SUS		1.1		2			
ADRS & ADRS-SV	0.13	0.6	38	ADRS & ADRS-SV		0.24	
ADR & ADR-SV		1.4		2.6			
ADRL & ADRL-SV		3		6			
ADR-SUS	0.14	1.2	38	ADR-SUS	0.25	2.3	38
ADRS & ADRS-SV		0.6		1.5			
ADR & ADR-SV		1.4		3			
ADRL & ADRL-SV	0.15	3	38	ADRL & ADRL-SV	0.26	7	38
ADR-SUS		1.3		2.5			
ADRS & ADRS-SV	0.16	0.8	38	ADRS & ADRS-SV		0.27	
ADR & ADR-SV		1.8		3			
ADRL & ADRL-SV		4		7			
ADR-SUS	0.17	1.5	38	ADRL & ADRL-SV	0.27	7	38
ADRS & ADRS-SV		0.8		2.5			

리머 드릴 (3mm Shank Drill)

Unit : mm

형번	직경 Ø D	날장 ℓ	전장 L	형번	직경 Ø D	날장 ℓ	전장 L
ADRS & ADRS-SV	0,28	1,5	38	ADR-SUS	0,38	3,8	38
ADR & ADR-SV		3,3		ADR & ADR-SV	0,39	2,5	38
ADRL & ADRL-SV		7		ADR & ADR-SV		5	45(38)
ADR-SUS		2,8		ADRL & ADRL-SV		10	38
ADRS & ADRS-SV	0,29	1,5	38	ADR-SUS	0,4	3,8	38
ADR & ADR-SV		3,3		ADRS & ADRS-SV		3	38
ADRL & ADRL-SV		7		ADR & ADR-SV		6	45(38)
ADR-SUS		2,8		ADRL & ADRL-SV	12	38	
ADRS & ADRS-SV	0,3	2,5	38	ADR-SUS	0,41	4	38
ADR & ADR-SV		5		ADRS & ADRS-SV		3	38
ADRL & ADRL-SV		9		ADR & ADR-SV		6	45(38)
ADR-SUS		3		ADRL & ADRL-SV	12	38	
ADRS & ADRS-SV	0,31	2,5	38	ADR-SUS	0,42	4	38
ADR & ADR-SV		5		ADRS & ADRS-SV		3	38
ADRL & ADRL-SV		9		ADR & ADR-SV		6	45(38)
ADR-SUS		3		ADRL & ADRL-SV	12	38	
ADRS & ADRS-SV	0,32	2,5	38	ADR-SUS	0,43	4	38
ADR & ADR-SV		5		ADRS & ADRS-SV		3	38
ADRL & ADRL-SV		9		ADR & ADR-SV		6	45(38)
ADR-SUS		3		ADRL & ADRL-SV	12	38	
ADRS & ADRS-SV	0,33	2,5	38	ADR-SUS	0,44	4	38
ADR & ADR-SV		5		ADRS & ADRS-SV		3	38
ADRL & ADRL-SV		9		ADR & ADR-SV		6	45(38)
ADR-SUS		3,3		ADRL & ADRL-SV	12	38	
ADRS & ADRS-SV	0,34	2,5	38	ADR-SUS	0,45	4,5	38
ADR & ADR-SV		5		ADRS & ADRS-SV		3	38
ADRL & ADRL-SV		9		ADR & ADR-SV		6	45(38)
ADR-SUS		3,3		ADRL & ADRL-SV	12	38	
ADRS & ADRS-SV	0,35	2,5	38	ADR-SUS	0,46	4,5	38
ADR & ADR-SV		5		ADRS & ADRS-SV		3	38
ADRL & ADRL-SV		10		ADR & ADR-SV		6	45(38)
ADR-SUS		3,5		ADRL & ADRL-SV	12	38	
ADRS & ADRS-SV	0,36	2,5	38	ADR-SUS	0,47	4,5	38
ADR & ADR-SV		5		ADRS & ADRS-SV		3	38
ADRL & ADRL-SV		10		ADR & ADR-SV		6	45(38)
ADR-SUS		3,5		ADRL & ADRL-SV	12	38	
ADRS & ADRS-SV	0,37	2,5	38	ADR-SUS	0,48	4,5	38
ADR & ADR-SV		5		ADRS & ADRS-SV		3	38
ADRL & ADRL-SV		10		ADR & ADR-SV		6	45(38)
ADR-SUS		3,5		ADRL & ADRL-SV	12	38	
ADRS & ADRS-SV	0,38	2,5	38	ADR-SUS	0,49	4,5	38
ADR & ADR-SV		5		ADRS & ADRS-SV		3	38
ADRL & ADRL-SV		10		ADR & ADR-SV		6	45(38)

리머 드릴 (3mm Shank Drill)

Unit : mm

형번	직경 Ø D	날장 ℓ	전장 L	형번	직경 Ø D	날장 ℓ	전장 L	
ADRL & ADRL-SV	0,49	12	45(38)	ADR & ADR-SV	0,6	7	38	
ADR-SUS		4,5	38	ADRL & ADRL-SV		15	45	
ADRS & ADRS-SV	0,5	3	38	ADR-SUS	0,61	6	38	
ADR & ADR-SV		6		ADRS & ADRS-SV		3	38	
ADRL & ADRL-SV		12		45(38)		ADR & ADR-SV	7	45
ADR-SUS	0,51	5	38	ADRL & ADRL-SV	0,62	15	45	
ADRS & ADRS-SV		3		ADR-SUS		6	38	
ADR & ADR-SV		6		ADRS & ADRS-SV		3	38	
ADRL & ADRL-SV	0,52	12	45(38)	ADR & ADR-SV	0,63	7	38	
ADR-SUS		5	38	ADRL & ADRL-SV		15	45	
ADRS & ADRS-SV		3	38	ADR-SUS		6	38	
ADR & ADR-SV	0,53	6	38	ADRS & ADRS-SV	0,64	3	38	
ADRL & ADRL-SV		12		45(38)		ADR & ADR-SV	7	45
ADR-SUS		5		38		ADRL & ADRL-SV	15	45
ADRS & ADRS-SV	0,54	3	38	ADR-SUS	0,65	6,5	38	
ADR & ADR-SV		6		ADRS & ADRS-SV		3	38	
ADRL & ADRL-SV		12		45(38)		ADR & ADR-SV	7	45
ADR-SUS	0,55	5	38	ADRL & ADRL-SV	0,66	15	45	
ADRS & ADRS-SV		3		ADR-SUS		6,5	38	
ADR & ADR-SV		6		ADRS & ADRS-SV		3	38	
ADRL & ADRL-SV	0,56	12	45(38)	ADR & ADR-SV	0,67	7	38	
ADR-SUS		5,5	38	ADRL & ADRL-SV		15	45	
ADRS & ADRS-SV		3	38	ADR-SUS		6,5	38	
ADR & ADR-SV	0,57	6	38	ADRS & ADRS-SV	0,68	3	38	
ADRL & ADRL-SV		12		45(38)		ADR & ADR-SV	7	45
ADR-SUS		5,5		38		ADRL & ADRL-SV	15	45
ADRS & ADRS-SV	0,58	3	38	ADR-SUS	0,69	6,5	38	
ADR & ADR-SV		6		ADRS & ADRS-SV		3	38	
ADRL & ADRL-SV		12		45(38)		ADR & ADR-SV	7	45
ADR-SUS	0,59	5,5	38	ADRL & ADRL-SV	0,7	15	45	
ADRS & ADRS-SV		3		38		ADR-SUS	7	38
ADR & ADR-SV		6		ADRS & ADRS-SV		4	38	
ADRL & ADRL-SV	0,6	12	45(38)	ADR & ADR-SV	0,7	8	38	
ADR-SUS		5,5	38	ADRL & ADRL-SV		15	45	
ADRS & ADRS-SV	0,6	3	38	ADR-SUS	7	38		

리머 드릴 (3mm Shank Drill)

Unit : mm

형번	직경 Ø D	날장 ℓ	전장 L	형번	직경 Ø D	날장 ℓ	전장 L
ADRS & ADRS-SV	0.71	4	38	ADR-SUS	0.81	8	38
ADR & ADR-SV		8					
ADRL & ADRL-SV		15					
ADR-SUS		7					
ADRS & ADRS-SV	0.72	4	38	ADR-SUS	0.82	8	38
ADR & ADR-SV		8					
ADRL & ADRL-SV		15					
ADR-SUS		7					
ADRS & ADRS-SV	0.73	4	38	ADR-SUS	0.83	4	38
ADR & ADR-SV		8					
ADRL & ADRL-SV		15					
ADR-SUS		7					
ADRS & ADRS-SV	0.74	4	38	ADR-SUS	0.84	4	38
ADR & ADR-SV		8					
ADRL & ADRL-SV		15					
ADR-SUS		7					
ADRS & ADRS-SV	0.75	4	38	ADR-SUS	0.85	4	38
ADR & ADR-SV		8					
ADRL & ADRL-SV		15					
ADR-SUS		7					
ADRS & ADRS-SV	0.76	4	38	ADR-SUS	0.86	4	38
ADR & ADR-SV		8					
ADRL & ADRL-SV		15					
ADR-SUS		7					
ADRS & ADRS-SV	0.77	4	38	ADR-SUS	0.87	4	38
ADR & ADR-SV		8					
ADRL & ADRL-SV		15					
ADR-SUS		7					
ADRS & ADRS-SV	0.78	4	38	ADR-SUS	0.88	4	38
ADR & ADR-SV		8					
ADRL & ADRL-SV		15					
ADR-SUS		7					
ADRS & ADRS-SV	0.79	4	38	ADR-SUS	0.89	4	38
ADR & ADR-SV		8					
ADRL & ADRL-SV		15					
ADR-SUS		7					
ADRS & ADRS-SV	0.8	4	38	ADR-SUS	0.9	4	38
ADR & ADR-SV		8					
ADRL & ADRL-SV		15					
ADR-SUS		8					
ADRS & ADRS-SV	0.81	4	38	ADR-SUS	0.91	4	38
ADR & ADR-SV		8					
ADRL & ADRL-SV		15					
ADR-SUS		8					
ADRS & ADRS-SV	0.82	4	38	ADR-SUS	0.92	4	38
ADR & ADR-SV		8					
ADRL & ADRL-SV		15					
ADR-SUS		8					

리머 드릴 (3mm Shank Drill)

Unit : mm

형번	직경 Ø D	날장 ℓ	전장 L	형번	직경 Ø D	날장 ℓ	전장 L
ADRL & ADRL-SV	0.92	15	45(38)	ADR & ADR-SV	1.03	10	38
ADR-SUS		9	38	ADRL & ADRL-SV		20	50(45)
ADRS & ADRS-SV	0.93	4	38	ADR-SUS	1.04	10	38
ADR & ADR-SV		8		5		38	
ADRL & ADRL-SV		15		10		50(45)	
ADR-SUS	0.94	9	38	ADR-SUS	1.05	10	38
ADRS & ADRS-SV		4	5	38			
ADR & ADR-SV	0.95	8	38	ADR & ADR-SV	1.06	5	38
ADRL & ADRL-SV		15		10		50(45)	
ADR-SUS		9		20		50(45)	
ADRS & ADRS-SV	0.96	4	38	ADR-SUS	1.07	10	38
ADR & ADR-SV		8		5		38	
ADRL & ADRL-SV		15		10		50(45)	
ADR-SUS	0.97	9	38	ADR-SUS	1.08	10	38
ADRS & ADRS-SV		4	5	38			
ADR & ADR-SV		8	10	38			
ADRL & ADRL-SV	0.98	15	45	ADRL & ADRL-SV	1.09	20	50(45)
ADR-SUS		9	10	38			
ADRS & ADRS-SV		4	5	38			
ADR & ADR-SV	0.99	8	38	ADR & ADR-SV	1.1	10	38
ADRL & ADRL-SV		15		20		50(45)	
ADR-SUS		9		10		38	
ADRS & ADRS-SV	1	5	38	ADRS & ADRS-SV	1.11	5	38
ADR & ADR-SV		10		10		38	
ADRL & ADRL-SV		20		20		50(45)	
ADR-SUS	1.01	10	38	ADR-SUS	1.12	10	38
ADRS & ADRS-SV		5	5	38			
ADR & ADR-SV		10	10	38			
ADRL & ADRL-SV	1.02	20	50(45)	ADRL & ADRL-SV	1.13	20	50(45)
ADR-SUS		10	10	38			
ADRS & ADRS-SV		5	10	38			

리머 드릴 (3mm Shank Drill)

Unit : mm

형번	직경 Ø D	날장 ℓ	전장 L	형번	직경 Ø D	날장 ℓ	전장 L
ADRS & ADRS-SV	1.14	5	38	ADR-SUS	1.24	10	38
ADR & ADR-SV		10		ADRS & ADRS-SV	1.25	5	38
ADRL & ADRL-SV		20	50(45)	ADR & ADR-SV		10	
ADR-SUS		10	38	ADRL & ADRL-SV		20	50(45)
ADRS & ADRS-SV	1.15	5	38	ADR-SUS		10	38
ADR & ADR-SV		10		ADRS & ADRS-SV	1.26	5	38
ADRL & ADRL-SV		20	50(45)	ADR & ADR-SV		10	
ADR-SUS		10	38	ADRL & ADRL-SV		20	50(45)
ADRS & ADRS-SV	1.16	5	38	ADR-SUS		10	38
ADR & ADR-SV		10		ADRS & ADRS-SV	1.27	5	38
ADRL & ADRL-SV		20	50(45)	ADR & ADR-SV		10	
ADR-SUS		10	38	ADRL & ADRL-SV		20	50(45)
ADRS & ADRS-SV	1.17	5	38	ADR-SUS		10	38
ADR & ADR-SV		10		ADRS & ADRS-SV	1.28	5	38
ADRL & ADRL-SV		20	50(45)	ADR & ADR-SV		10	
ADR-SUS		10	38	ADRL & ADRL-SV		20	50(45)
ADRS & ADRS-SV	1.18	5	38	ADR-SUS		10	38
ADR & ADR-SV		10		ADRS & ADRS-SV	1.29	5	38
ADRL & ADRL-SV		20	50(45)	ADR & ADR-SV		10	
ADR-SUS		10	38	ADRL & ADRL-SV		20	50(45)
ADRS & ADRS-SV	1.19	5	38	ADR-SUS		10	38
ADR & ADR-SV		10		ADRS & ADRS-SV	1.3	5	38
ADRL & ADRL-SV		20	50(45)	ADR & ADR-SV		10	
ADR-SUS		10	38	ADRL & ADRL-SV		25	60(50)
ADRS & ADRS-SV	1.2	5	38	ADR-SUS		10	38
ADR & ADR-SV		10		ADRS & ADRS-SV	1.31	5	38
ADRL & ADRL-SV		20	50(45)	ADR & ADR-SV		10	
ADR-SUS		10	38	ADRL & ADRL-SV		25	60(50)
ADRS & ADRS-SV	1.21	5	38	ADR-SUS		10	38
ADR & ADR-SV		10		ADRS & ADRS-SV	1.32	5	38
ADRL & ADRL-SV		20	50(45)	ADR & ADR-SV		10	
ADR-SUS		10	38	ADRL & ADRL-SV		25	60(50)
ADRS & ADRS-SV	1.22	5	38	ADR-SUS		10	38
ADR & ADR-SV		10		ADRS & ADRS-SV	1.33	5	38
ADRL & ADRL-SV		20	50(45)	ADR & ADR-SV		10	
ADR-SUS		10	38	ADRL & ADRL-SV		25	60(50)
ADRS & ADRS-SV	1.23	5	38	ADR-SUS		10	38
ADR & ADR-SV		10		ADRS & ADRS-SV	1.34	5	38
ADRL & ADRL-SV		20	50(45)	ADR & ADR-SV		10	
ADR-SUS		10	38	ADRL & ADRL-SV		25	60(50)
ADRS & ADRS-SV	1.24	5	38	ADR-SUS		10	38
ADR & ADR-SV		10		ADRS & ADRS-SV	1.35	5	38
ADRL & ADRL-SV		20	50(45)	ADR & ADR-SV		10	

리머 드릴 (3mm Shank Drill)

Unit : mm

형번	직경 Ø D	날장 ℓ	전장 L	형번	직경 Ø D	날장 ℓ	전장 L
ADRL & ADRL-SV	1.35	25	60(50)	ADR & ADR-SV	1.46	10	38
ADR-SUS		10	38	ADRL & ADRL-SV		25	60(50)
ADRS & ADRS-SV		5	38	ADR-SUS		10	38
ADR & ADR-SV	1.36	10		ADRS & ADRS-SV	1.47	5	38
ADRL & ADRL-SV		25	60(50)	ADR & ADR-SV		10	
ADR-SUS		10	38	ADRL & ADRL-SV		25	60(50)
ADRS & ADRS-SV		5	38	ADR-SUS		10	38
ADR & ADR-SV	1.37	10		ADRS & ADRS-SV	1.48	5	38
ADRL & ADRL-SV		25	60(50)	ADR & ADR-SV		10	
ADR-SUS		10	38	ADRL & ADRL-SV		25	60(50)
ADRS & ADRS-SV	1.38	5	38	ADR-SUS	1.49	10	38
ADR & ADR-SV		10		ADRS & ADRS-SV		5	38
ADRL & ADRL-SV		25	60(50)	ADR & ADR-SV		10	
ADR-SUS		10	38	ADRL & ADRL-SV		25	60(50)
ADRS & ADRS-SV	1.39	10		ADR-SUS	1.5	10	38
ADR & ADR-SV		25	60(50)	ADRS & ADRS-SV		5	38
ADR-SUS		10	38	ADR & ADR-SV		10	
ADRS & ADRS-SV	1.4	5	38	ADRL & ADRL-SV	1.51	25	60(50)
ADR & ADR-SV		10		ADR-SUS		10	38
ADRL & ADRL-SV		25	60(50)	ADRS & ADRS-SV		5	38
ADR-SUS		10	38	ADR & ADR-SV		10	
ADRS & ADRS-SV	1.41	5	38	ADRL & ADRL-SV	1.52	25	60(50)
ADR & ADR-SV		10		ADR-SUS		10	38
ADRL & ADRL-SV		25	60(50)	ADRS & ADRS-SV		5	38
ADR-SUS	1.42	10		ADR & ADR-SV	1.53	10	38
ADRS & ADRS-SV		25	60(50)	ADRL & ADRL-SV		25	60(50)
ADR & ADR-SV		10	38	ADR-SUS		10	38
ADRL & ADRL-SV		5	38	ADRS & ADRS-SV		5	38
ADR & ADR-SV	1.43	10		ADR & ADR-SV	1.54	10	38
ADRL & ADRL-SV		25	60(50)	ADRL & ADRL-SV		25	60(50)
ADR-SUS		10	38	ADR-SUS		10	38
ADRS & ADRS-SV	1.44	5	38	ADRS & ADRS-SV	1.55	5	38
ADR & ADR-SV		10		ADR & ADR-SV		10	
ADRL & ADRL-SV		25	60(50)	ADRL & ADRL-SV		25	60(50)
ADR-SUS		10	38	ADR-SUS		10	38
ADRS & ADRS-SV	1.45	5	38	ADRS & ADRS-SV	1.56	5	38
ADR & ADR-SV		10		ADR & ADR-SV		10	
ADRL & ADRL-SV		25	60(50)	ADRL & ADRL-SV		25	60(50)
ADR-SUS	1.46	10	38	ADR-SUS		10	38
ADRS & ADRS-SV		5	38	ADR-SUS			

리머 드릴 (3mm Shank Drill)

Unit : mm

형번	직경 Ø D	날장 ℓ	전장 L	형번	직경 Ø D	날장 ℓ	전장 L
ADRS & ADRS-SV	1.57	5	38	ADR	1.66	22	50(45)
ADR & ADR-SV		10		ADR-SV		16	45
ADRL & ADRL-SV		25	60(50)	ADRL & ADRL-SV		32	60
ADR-SUS		10	38	ADR-SUS		12	45
ADRS & ADRS-SV	1.58	5	38	ADRS & ADRS-SV	1.67	10	38
ADR & ADR-SV		10		ADR		22	50(45)
ADRL & ADRL-SV		25	60(50)	ADR-SV		16	45
ADR-SUS		10	38	ADRL & ADRL-SV		32	60
ADRS & ADRS-SV	1.59	5	38	ADR-SUS	1.68	12	45
ADR & ADR-SV		10		ADRS & ADRS-SV		10	38
ADRL & ADRL-SV		25	60(50)	ADR		22	50(45)
ADR-SUS		10	38	ADR-SV		16	45
ADRS & ADRS-SV	1.6	10	38	ADRL & ADRL-SV	1.69	32	60
ADR		22	50(45)	ADR-SUS		12	45
ADR-SV		16	45	ADRS & ADRS-SV		10	38
ADRL & ADRL-SV		32	60	ADR		22	50(45)
ADR-SUS	12	45	ADR-SV	16	45		
ADRS & ADRS-SV	1.61	10	38	ADRL & ADRL-SV	1.7	32	60
ADR		22	50(45)	ADR-SUS		12	45
ADR-SV		16	45	ADRS & ADRS-SV		10	38
ADRL & ADRL-SV		32	60	ADR		22	50(45)
ADR-SUS	12	45	ADR-SV	16	45		
ADRS & ADRS-SV	1.62	10	38	ADRL & ADRL-SV	1.71	32	60
ADR		22	50(45)	ADR-SUS		12	45
ADR-SV		16	45	ADRS & ADRS-SV		10	38
ADRL & ADRL-SV		32	60	ADR		22	50(45)
ADR-SUS	12	45	ADR-SV	16	45		
ADRS & ADRS-SV	1.63	10	38	ADRL & ADRL-SV	1.72	32	60
ADR		22	50(45)	ADR-SUS		12	45
ADR-SV		16	45	ADRS & ADRS-SV		10	38
ADRL & ADRL-SV		32	60	ADR		22	50(45)
ADR-SUS	12	45	ADR-SV	16	45		
ADRS & ADRS-SV	1.64	10	38	ADRL & ADRL-SV	1.73	32	60
ADR		22	50(45)	ADR-SUS		12	45
ADR-SV		16	45	ADRS & ADRS-SV		10	38
ADRL & ADRL-SV		32	60	ADR		22	50(45)
ADR-SUS	12	45	ADR-SV	16	45		
ADRS & ADRS-SV	1.65	10	38	ADRL & ADRL-SV	1.74	32	60
ADR		22	50(45)	ADR-SUS		12	45
ADR-SV		16	45	ADRS & ADRS-SV		10	38
ADRL & ADRL-SV		32	60	ADR		22	50(45)
ADR-SUS	12	45	ADR-SV	16	45		
ADRS & ADRS-SV	1.66	10	38	ADRL & ADRL-SV			

리머 드릴 (3mm Shank Drill)

Unit : mm

형번	직경 Ø D	날장 ℓ	전장 L	형번	직경 Ø D	날장 ℓ	전장 L
ADR-SUS	1.74	12	45	ADR-SV	1.83	16	45
ADRS & ADRS-SV	1.75	10	38	ADRL & ADRL-SV		32	60
ADR		22	50(45)	ADR-SUS		12	45
ADR-SV		16	45	ADRS & ADRS-SV	10	38	
ADRL & ADRL-SV	32	60	ADR	1.84	22	50(45)	
ADR-SUS	12	45	ADR-SV		16	45	
ADRS & ADRS-SV	10	38	ADRL & ADRL-SV		32	60	
ADR	1.76	22	50(45)	ADR-SUS	12	45	
ADR-SV		16	45	ADRS & ADRS-SV	10	38	
ADRL & ADRL-SV		32	60	ADR	22	50(45)	
ADR-SUS	12	45	ADR-SV	1.85	16	45	
ADRS & ADRS-SV	10	38	ADRL & ADRL-SV		32	60	
ADR	22	50(45)	ADR-SUS		12	45	
ADR-SV	1.77	16	45	ADRS & ADRS-SV	10	38	
ADRL & ADRL-SV		32	60	ADR	22	50(45)	
ADR-SUS		12	45	ADR-SV	16	45	
ADRS & ADRS-SV	1.78	10	38	ADRL & ADRL-SV	1.86	32	60
ADR		22	50(45)	ADR-SUS		12	45
ADR-SV		16	45	ADRS & ADRS-SV		10	38
ADRL & ADRL-SV	32	60	ADR	1.87	22	50(45)	
ADR-SUS	12	45	ADR-SV		16	45	
ADRS & ADRS-SV	10	38	ADRL & ADRL-SV		32	60	
ADR	1.79	22	50(45)	ADR-SUS	12	45	
ADR-SV		16	45	ADRS & ADRS-SV	10	38	
ADRL & ADRL-SV		32	60	ADR	22	50(45)	
ADR-SUS	12	45	ADR-SV	1.88	16	45	
ADRS & ADRS-SV	1.8	10	38		ADRL & ADRL-SV	32	60
ADR		22	50(45)		ADR-SUS	12	45
ADR-SV		16	45	ADRS & ADRS-SV	10	38	
ADRL & ADRL-SV	32	60	ADR	1.89	22	50(45)	
ADR-SUS	12	45	ADR-SV		16	45	
ADRS & ADRS-SV	10	38	ADRL & ADRL-SV		32	60	
ADR	1.81	22	50(45)	ADR-SUS	12	45	
ADR-SV		16	45	ADRS & ADRS-SV	10	38	
ADRL & ADRL-SV		32	60	ADR	22	50(45)	
ADR-SUS	1.82	12	45	ADR-SV	1.9	16	45
ADRS & ADRS-SV		10	38	ADRL & ADRL-SV		32	60
ADR		22	50(45)	ADR-SUS		12	45
ADR-SV	1.83	16	45	ADRS & ADRS-SV	10	38	
ADRL & ADRL-SV		32	60	ADR	22	50(45)	
ADR-SUS		12	45	ADR-SV	16	45	
ADRS & ADRS-SV	1.83	10	38	ADRL & ADRL-SV	1.91	32	60
ADR		22	50(45)	ADR-SUS		12	45

리머 드릴 (3mm Shank Drill)

Unit : mm

형번	직경 Ø D	날장 ℓ	전장 L	형번	직경 Ø D	날장 ℓ	전장 L
ADRS & ADRS-SV	1.92	10	38	ADR-SUS	2	12	45
ADR		22	50(45)	ADRS & ADRS-SV	2.01	10	38
ADR-SV		16	45	ADR & ADR-SV		22	50(45)
ADRL & ADRL-SV		32	60	ADRL & ADRL-SV		32	60
ADR-SUS		12	45	ADR-SUS		12	45
ADRS & ADRS-SV	1.93	10	38	ADRS & ADRS-SV	2.02	10	38
ADR		22	50(45)	ADR & ADR-SV		22	50(45)
ADR-SV		16	45	ADRL & ADRL-SV		32	60
ADRL & ADRL-SV		32	60	ADR-SUS		12	45
ADR-SUS		12	45	ADRS & ADRS-SV	2.03	10	38
ADRS & ADRS-SV	10	38	ADR & ADR-SV	22		50(45)	
ADR	22	50(45)	ADRL & ADRL-SV	32		60	
ADR-SV	1.94	16	45	ADR-SUS	2.04	12	45
ADRL & ADRL-SV		32	60	ADRS & ADRS-SV		10	38
ADR-SUS		12	45	ADR & ADR-SV		22	50(45)
ADRS & ADRS-SV		10	38	ADRL & ADRL-SV		32	60
ADR	1.95	22	50(45)	ADR-SUS	2.05	12	45
ADR-SV		16	45	ADRS & ADRS-SV		10	38
ADRL & ADRL-SV		32	60	ADR & ADR-SV		22	50(45)
ADR-SUS		12	45	ADRL & ADRL-SV		32	60
ADRS & ADRS-SV		10	38	ADR-SUS	2.06	12	45
ADR	22	50(45)	ADRS & ADRS-SV	10		38	
ADR-SV	16	45	ADR & ADR-SV	22		50(45)	
ADRL & ADRL-SV	32	60	ADRL & ADRL-SV	32		60	
ADR-SUS	1.96	12	45	ADR-SUS	2.07	12	45
ADRS & ADRS-SV		10	38	ADRS & ADRS-SV		10	38
ADR		22	50(45)	ADR & ADR-SV		22	50(45)
ADR-SV		16	45	ADRL & ADRL-SV		32	60
ADRL & ADRL-SV		32	60	ADR-SUS		12	45
ADR-SUS	1.97	12	45	ADRS & ADRS-SV	2.08	10	38
ADRS & ADRS-SV		10	38	ADR & ADR-SV		22	50(45)
ADR		22	50(45)	ADRL & ADRL-SV		32	60
ADR-SV		16	45	ADR-SUS		12	45
ADRL & ADRL-SV		32	60	ADRS & ADRS-SV		2.09	10
ADR-SUS	12	45	ADR & ADR-SV	22	50(45)		
ADRS & ADRS-SV	10	38	ADRL & ADRL-SV	32	60		
ADR	22	50(45)	ADR-SUS	12	45		
ADR-SV	1.98	16	45	ADRS & ADRS-SV	2.1	10	38
ADRL & ADRL-SV		32	60	ADR & ADR-SV		22	50(45)
ADR-SUS		12	45	ADRL & ADRL-SV		32	60
ADRS & ADRS-SV		10	38	ADR-SUS		12	45
ADR & ADR-SV		22	50	ADRS & ADRS-SV		2.11	10
ADRL & ADRL-SV	32	60	ADR & ADR-SV	22	50(45)		

리머 드릴 (3mm Shank Drill)

Unit : mm

형번	직경 Ø D	날장 ℓ	전장 L	형번	직경 Ø D	날장 ℓ	전장 L
ADRL & ADRL-SV	2.11	32	60	ADR & ADR-SV	2.22	22	50(45)
ADR-SUS		12	45	ADRL & ADRL-SV		32	60
ADRS & ADRS-SV	2.12	10	38	ADR-SUS		12	45
ADR & ADR-SV		22	50(45)	ADRS & ADRS-SV	2.23	10	38
ADRL & ADRL-SV		32	60	ADR & ADR-SV		22	50(45)
ADR-SUS		12	45	ADRL & ADRL-SV		32	60
ADRS & ADRS-SV	2.13	10	38	ADR-SUS	12	45	
ADR & ADR-SV		22	50(45)	ADRS & ADRS-SV	2.24	10	38
ADRL & ADRL-SV		32	60	ADR & ADR-SV		22	50(45)
ADR-SUS		12	45	ADRL & ADRL-SV		32	60
ADRS & ADRS-SV	2.14	10	38	ADR-SUS	12	45	
ADR & ADR-SV		22	50(45)	ADRS & ADRS-SV	2.25	10	38
ADRL & ADRL-SV		32	60	ADR & ADR-SV		22	50(45)
ADR-SUS		12	45	ADRL & ADRL-SV		32	60
ADRS & ADRS-SV	2.15	10	38	ADR-SUS	12	45	
ADR & ADR-SV		22	50(45)	ADRS & ADRS-SV	2.26	10	38
ADRL & ADRL-SV		32	60	ADR & ADR-SV		22	50(45)
ADR-SUS		12	45	ADRL & ADRL-SV		32	60
ADRS & ADRS-SV	2.16	10	38	ADR-SUS	12	45	
ADR & ADR-SV		22	50(45)	ADRS & ADRS-SV	2.27	10	38
ADRL & ADRL-SV		32	60	ADR & ADR-SV		22	50(45)
ADR-SUS		12	45	ADRL & ADRL-SV		32	60
ADRS & ADRS-SV	2.17	10	38	ADR-SUS	12	45	
ADR & ADR-SV		22	50(45)	ADRS & ADRS-SV	2.28	10	38
ADRL & ADRL-SV		32	60	ADR & ADR-SV		22	50(45)
ADR-SUS		12	45	ADRL & ADRL-SV		32	60
ADRS & ADRS-SV	2.18	10	38	ADR-SUS	12	45	
ADR & ADR-SV		22	50(45)	ADRS & ADRS-SV	2.29	10	38
ADRL & ADRL-SV		32	60	ADR & ADR-SV		22	50(45)
ADR-SUS		12	45	ADRL & ADRL-SV		32	60
ADRS & ADRS-SV	2.19	10	38	ADR-SUS	12	45	
ADR & ADR-SV		22	50(45)	ADRS & ADRS-SV	2.3	10	38
ADRL & ADRL-SV		32	60	ADR & ADR-SV		22	50(45)
ADR-SUS		12	45	ADRL & ADRL-SV		32	60
ADRS & ADRS-SV	2.2	10	38	ADR-SUS	12	45	
ADR & ADR-SV		22	50(45)	ADRS & ADRS-SV	2.31	10	38
ADRL & ADRL-SV		32	60	ADR & ADR-SV		22	50(45)
ADR-SUS		12	45	ADRL & ADRL-SV		32	60
ADRS & ADRS-SV	2.21	10	38	ADR-SUS	12	45	
ADR & ADR-SV		22	50(45)	ADRS & ADRS-SV	2.32	10	38
ADRL & ADRL-SV		32	60	ADR & ADR-SV		22	50(45)
ADR-SUS		12	45	ADRL & ADRL-SV		32	60
ADRS & ADRS-SV	2.22	10	38	ADR-SUS	12	45	



리머 드릴 (3mm Shank Drill)

Unit : mm

형번	직경 Ø D	날장 ℓ	전장 L	형번	직경 Ø D	날장 ℓ	전장 L
ADRS & ADRS-SV	2.33	10	38	ADR-SUS	2.43	12	45
ADR & ADR-SV		22	50(45)	ADRS & ADRS-SV	2.44	10	38
ADRL & ADRL-SV		32	60	ADR & ADR-SV		22	50(45)
ADR-SUS		12	45	ADRL & ADRL-SV		32	60
ADRS & ADRS-SV	2.34	10	38	ADR-SUS		12	45
ADR & ADR-SV		22	50(45)	ADRS & ADRS-SV	2.45	10	38
ADRL & ADRL-SV		32	60	ADR & ADR-SV		22	50(45)
ADR-SUS		12	45	ADRL & ADRL-SV		32	60
ADRS & ADRS-SV	2.35	10	38	ADR-SUS		12	45
ADR & ADR-SV		22	50(45)	ADRS & ADRS-SV	2.46	10	38
ADRL & ADRL-SV		32	60	ADR & ADR-SV		22	50(45)
ADR-SUS		12	45	ADRL & ADRL-SV		32	60
ADRS & ADRS-SV	2.36	10	38	ADR-SUS		12	45
ADR & ADR-SV		22	50(45)	ADRS & ADRS-SV	2.47	10	38
ADRL & ADRL-SV		32	60	ADR & ADR-SV		22	50(45)
ADR-SUS		12	45	ADRL & ADRL-SV		32	60
ADRS & ADRS-SV	2.37	10	38	ADR-SUS		12	45
ADR & ADR-SV		22	50(45)	ADRS & ADRS-SV	2.48	10	38
ADRL & ADRL-SV		32	60	ADR & ADR-SV		22	50(45)
ADR-SUS		12	45	ADRL & ADRL-SV		32	60
ADRS & ADRS-SV	2.38	10	38	ADR-SUS		12	45
ADR & ADR-SV		22	50(45)	ADRS & ADRS-SV	2.49	10	38
ADRL & ADRL-SV		32	60	ADR & ADR-SV		22	50(45)
ADR-SUS		12	45	ADRL & ADRL-SV		32	60
ADRS & ADRS-SV	2.39	10	38	ADR-SUS		12	45
ADR & ADR-SV		22	50(45)	ADRS & ADRS-SV	2.5	10	38
ADRL & ADRL-SV		32	60	ADR & ADR-SV		22	50(45)
ADR-SUS		12	45	ADRL & ADRL-SV		32	60
ADRS & ADRS-SV	2.4	10	38	ADR-SUS		12	45
ADR & ADR-SV		22	50(45)	ADRS & ADRS-SV	2.51	10	38
ADRL & ADRL-SV		32	60	ADR & ADR-SV		22	50(45)
ADR-SUS		12	45	ADRL & ADRL-SV		32	60
ADRS & ADRS-SV	2.41	10	38	ADR-SUS		12	45
ADR & ADR-SV		22	50(45)	ADRS & ADRS-SV	2.52	10	38
ADRL & ADRL-SV		32	60	ADR & ADR-SV		22	50(45)
ADR-SUS		12	45	ADRL & ADRL-SV		32	60
ADRS & ADRS-SV	2.42	10	38	ADR-SUS		12	45
ADR & ADR-SV		22	50(45)	ADRS & ADRS-SV	2.53	10	38
ADRL & ADRL-SV		32	60	ADR & ADR-SV		22	50(45)
ADR-SUS		12	45	ADRL & ADRL-SV		32	60
ADRS & ADRS-SV	2.43	10	38	ADR-SUS		12	45
ADR & ADR-SV		22	50(45)	ADRS & ADRS-SV	2.54	10	38
ADRL & ADRL-SV		32	60	ADR & ADR-SV		22	50(45)

리머 드릴 (3mm Shank Drill)

Unit : mm

형번	직경 Ø D	날장 ℓ	전장 L	형번	직경 Ø D	날장 ℓ	전장 L
ADRL & ADRL-SV	2.54	32	60	ADR & ADR-SV	2.65	22	50(45)
ADR-SUS		12	45	ADRL & ADRL-SV		32	60
ADRS & ADRS-SV	2.55	10	38	ADR-SUS	2.66	12	45
ADR & ADR-SV		22	50(45)	ADRS & ADRS-SV		10	38
ADRL & ADRL-SV		32	60	ADR & ADR-SV		22	50(45)
ADR-SUS		12	45	ADRL & ADRL-SV		32	60
ADRS & ADRS-SV	2.56	10	38	ADR-SUS	2.67	12	45
ADR & ADR-SV		22	50(45)	ADRS & ADRS-SV		10	38
ADRL & ADRL-SV		32	60	ADR & ADR-SV		22	50(45)
ADR-SUS	2.57	12	45	ADRL & ADRL-SV	2.68	32	60
ADRS & ADRS-SV		10	38	ADR-SUS		12	45
ADR & ADR-SV		22	50(45)	ADRS & ADRS-SV		10	38
ADRL & ADRL-SV		32	60	ADR & ADR-SV		22	50(45)
ADR-SUS	2.58	12	45	ADRL & ADRL-SV	2.69	32	60
ADRS & ADRS-SV		10	38	ADR-SUS		12	45
ADR & ADR-SV		22	50(45)	ADRS & ADRS-SV		10	38
ADRL & ADRL-SV	2.59	32	60	ADR & ADR-SV	2.7	22	50(45)
ADR-SUS		12	45	ADRL & ADRL-SV		32	60
ADRS & ADRS-SV		10	38	ADR-SUS		12	45
ADR & ADR-SV		22	50(45)	ADRS & ADRS-SV		10	38
ADRL & ADRL-SV	2.6	32	60	ADR & ADR-SV	2.71	22	50(45)
ADR-SUS		12	45	ADRL & ADRL-SV		32	60
ADRS & ADRS-SV		10	38	ADR-SUS		12	45
ADR & ADR-SV	2.61	22	50(45)	ADRS & ADRS-SV	2.72	12	38
ADRL & ADRL-SV		32	60	ADR & ADR-SV		25	50
ADR-SUS		12	45	ADRL & ADRL-SV		40	65
ADRS & ADRS-SV		10	38	ADR-SUS		15	45
ADR & ADR-SV	2.62	22	50(45)	ADRS & ADRS-SV	2.73	12	38
ADRL & ADRL-SV		32	60	ADR & ADR-SV		25	50
ADR-SUS		12	45	ADRL & ADRL-SV		40	65
ADRS & ADRS-SV	2.63	10	38	ADR-SUS	2.74	15	45
ADR & ADR-SV		22	50(45)	ADRS & ADRS-SV		12	38
ADRL & ADRL-SV		32	60	ADR & ADR-SV		25	50
ADR-SUS		12	45	ADRL & ADRL-SV		40	65
ADRS & ADRS-SV	2.64	10	38	ADR-SUS	2.75	15	45
ADR & ADR-SV		22	50(45)	ADRS & ADRS-SV		12	38
ADRL & ADRL-SV		32	60	ADR & ADR-SV		25	50
ADR-SUS	2.65	12	45	ADRL & ADRL-SV	40	65	
ADRS & ADRS-SV		10	38	ADR-SUS	15	45	

리머 드릴 (3mm Shank Drill)

Unit : mm

형번	직경 Ø D	날장 ℓ	전장 L	형번	직경 Ø D	날장 ℓ	전장 L
ADRS & ADRS-SV	2.76	12	38	ADR-SUS	2.86	15	45
ADR & ADR-SV		25	50	ADRS & ADRS-SV	2.87	12	38
ADRL & ADRL-SV		40	65	ADR & ADR-SV		25	50
ADR-SUS		15	45	ADRL & ADRL-SV		40	65
ADRS & ADRS-SV	2.77	12	38	ADR-SUS		15	45
ADR & ADR-SV		25	50	ADRS & ADRS-SV	2.88	12	38
ADRL & ADRL-SV		40	65	ADR & ADR-SV		25	50
ADR-SUS		15	45	ADRL & ADRL-SV		40	65
ADRS & ADRS-SV	2.78	12	38	ADR-SUS		15	45
ADR & ADR-SV		25	50	ADRS & ADRS-SV	2.89	12	38
ADRL & ADRL-SV		40	65	ADR & ADR-SV		25	50
ADR-SUS		15	45	ADRL & ADRL-SV		40	65
ADRS & ADRS-SV	2.79	12	38	ADR-SUS		15	45
ADR & ADR-SV		25	50	ADRS & ADRS-SV	2.9	12	38
ADRL & ADRL-SV		40	65	ADR & ADR-SV		25	50
ADR-SUS		15	45	ADRL & ADRL-SV		40	65
ADRS & ADRS-SV	2.8	12	38	ADR-SUS		15	45
ADR & ADR-SV		25	50	ADRS & ADRS-SV	2.91	12	38
ADRL & ADRL-SV		40	65	ADR & ADR-SV		25	50
ADR-SUS		15	45	ADRL & ADRL-SV		40	65
ADRS & ADRS-SV	2.81	12	38	ADR-SUS		15	45
ADR & ADR-SV		25	50	ADRS & ADRS-SV	2.92	12	38
ADRL & ADRL-SV		40	65	ADR & ADR-SV		25	50
ADR-SUS		15	45	ADRL & ADRL-SV		40	65
ADRS & ADRS-SV	2.82	12	38	ADR-SUS		15	45
ADR & ADR-SV		25	50	ADRS & ADRS-SV	2.93	12	38
ADRL & ADRL-SV		40	65	ADR & ADR-SV		25	50
ADR-SUS		15	45	ADRL & ADRL-SV		40	65
ADRS & ADRS-SV	2.83	12	38	ADR-SUS		15	45
ADR & ADR-SV		25	50	ADRS & ADRS-SV	2.94	12	38
ADRL & ADRL-SV		40	65	ADR & ADR-SV		25	50
ADR-SUS		15	45	ADRL & ADRL-SV		40	65
ADRS & ADRS-SV	2.84	12	38	ADR-SUS		15	45
ADR & ADR-SV		25	50	ADRS & ADRS-SV	2.95	12	38
ADRL & ADRL-SV		40	65	ADR & ADR-SV		25	50
ADR-SUS		15	45	ADRL & ADRL-SV		40	65
ADRS & ADRS-SV	2.85	12	38	ADR-SUS		15	45
ADR & ADR-SV		25	50	ADRS & ADRS-SV	2.96	12	38
ADRL & ADRL-SV		40	65	ADR & ADR-SV		25	50
ADR-SUS		15	45	ADRL & ADRL-SV		40	65
ADRS & ADRS-SV	2.86	12	38	ADR-SUS		15	45
ADR & ADR-SV		25	50	ADRS & ADRS-SV	2.97	12	38
ADRL & ADRL-SV		40	65	ADR & ADR-SV		25	50

리머 드릴 (3mm Shank Drill)

Unit : mm

형번	직경 Ø D	날장 ℓ	전장 L	형번	직경 Ø D	날장 ℓ	전장 L
ADRL & ADRL-SV	2.97	40	65				
ADR-SUS		15	45				
ADRS & ADRS-SV	2.98	12	38				
ADR & ADR-SV		25	50				
ADRL & ADRL-SV		40	65				
ADR-SUS	2.99	15	45				
ADRS & ADRS-SV		12	38				
ADR & ADR-SV		25	50				
ADRL & ADRL-SV		40	65				
ADR-SUS	3	15	45				
ADRS & ADRS-SV		12	38				
ADR & ADR-SV		25	50				
ADRL & ADRL-SV	3	40	65				
ADR-SUS		15	45				