KATO

Kato Mfg.Co.,Ltd.

디버링, 이제는 자동으로

균일한 품질로

제품 편차를 최소화



KATO 디버링 홀더

KATO Deburring Holder

Specifications are subject to change without notice for improvement purpose. No.2601-E1

로봇용 디버링 홀더

SME40A-DBR7-1D

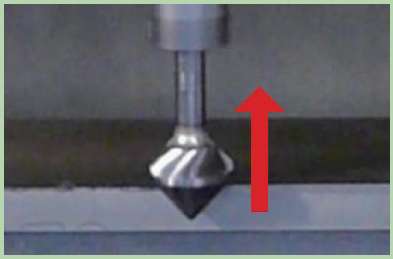
앞・뒷면 모두, 이것 하나로 해결!!
로봇 장착용 DBR7-1D



신축 구조



- 부드러운 위・아래 움직임
- 앞・뒷면 동시에 작업 가능
- 가공 시 오차를 신축 구조로 자동 보정



앞면 가공 예시



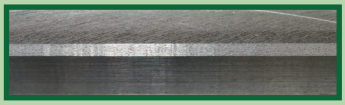
뒷면 가공 예시

스프링 세기에 따른 가공 예시

YELLOW 세기:약



GREEN 세기:중



RED 세기:강



-----가공 전-----



가공 재료 : FCD400

P.10-11

권장 공구

W616-SP

※시중에 판매되는 제품도 호환 가능



실제 가공 영상 (QR코드)

기본 사양

- 최고 사용 회전수 : 10,000min^{-1}
- 최대 장착 공구경 : ϕ7(ER11 사용)
- 선단 축 이동량 : ± 10mm
- 가공 조건 : 건식 가공 or 에어블로우
- 스프링 세기 : YELLOW(약), GREEN(중), RED(강)
- 사용 가능 공구 : 초경 로타리바 등

시스템


중간 동력 케이블


모터


인버터(3상 200V)
GA500-K100

별도 판매품

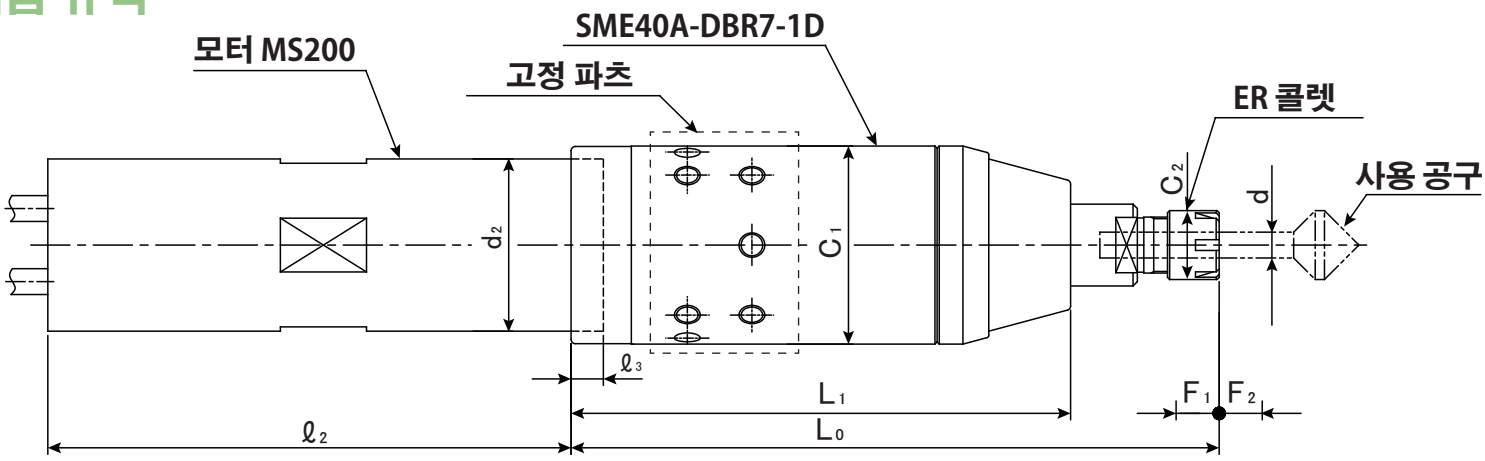

고정 파츠


스패너
E11M


콜렛
ER11


권장 공구
W616-SP

제품 규격



모델명 표기

SME40A – DBR7 – 1D – ○

- ○ : 스프링 세기
- 1D : 장착 공구 생크경(최대)
- DBR7 : 모델명
- SME40A : 모터 종류

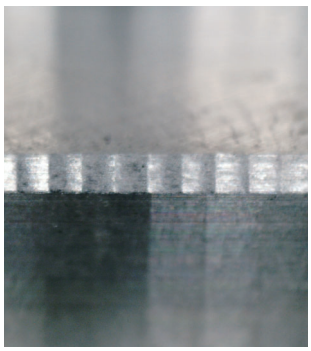
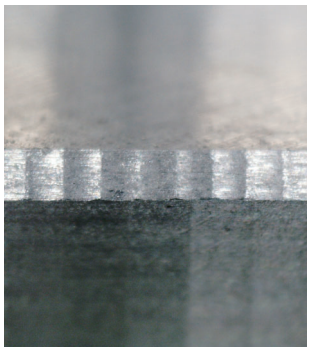
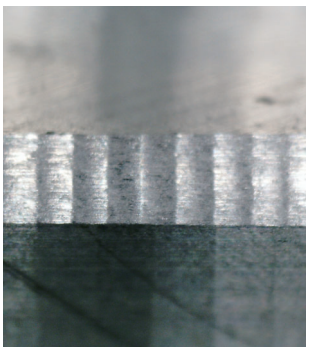
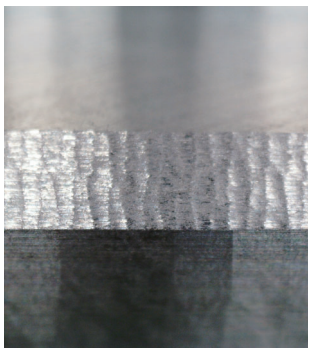
단위 : mm

형식	L0	L1	C1	C2	F1	F2	모터 본체			공구 생크경d	본체 중량 (모터 포함, kg)
							d2	ℓ2	ℓ3		
SME40A-DBR7-1D-○※1	150.5	116	46	16	10	10	40	121.5	7.5	ϕ3～ϕ7	2.1

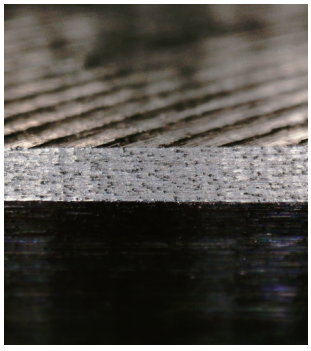
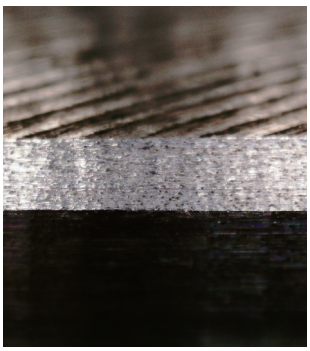
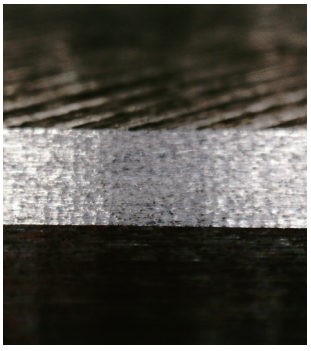
※F1 : 수축량, F2 : 신장량
※1 : 스프링 세기 YELLOW(약) / GREEN(중) / RED(강)

Machining Example with ST20-DBR7-SC

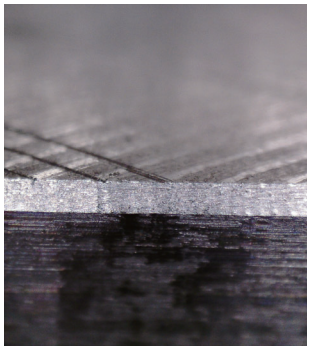
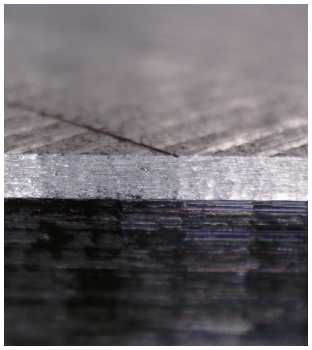
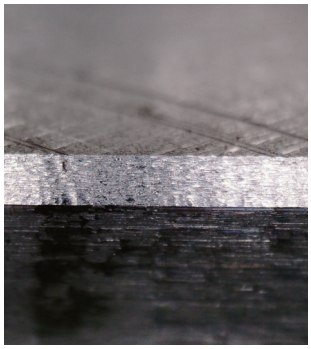
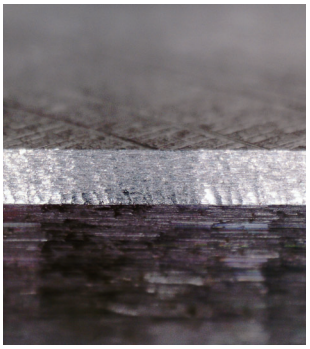
Material	ADC (Aluminum die-casting alloy)	Off Set Amount : 5 mm Rotation Speed : 8,000 r/min Feed Rate : 4,800 mm/min Cutting Direction : Down Cutting
Cutting Tool	W616080-SP-FB (Spiral Cut)	

Step 1(Soft)	Step 2(Medium)	Step 3(Hard)	Step 4(Very Hard)
			
approx.C0.5	approx.C0.6	approx.C1.1	approx.C1.2

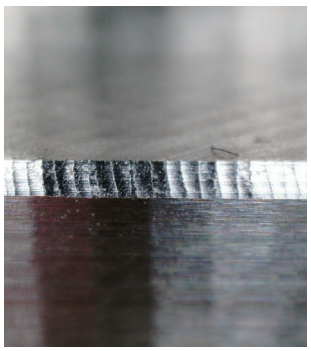
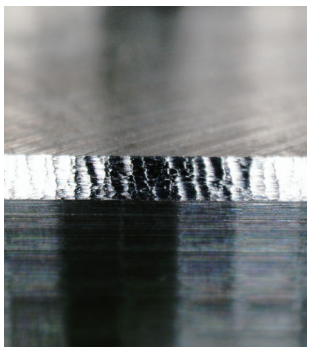
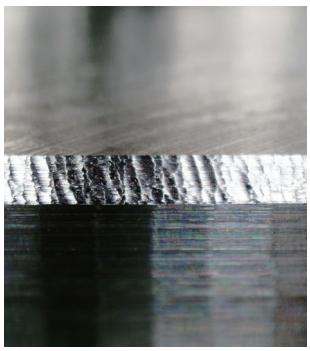
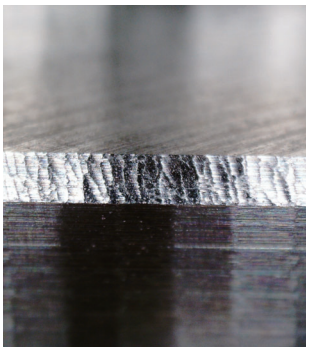
Material	FCD400 (Ductile Cast Iron)	Off Set Amount : 5 mm Rotation Speed : 8,000 r/min Feed Rate : 1,600 mm/min Cutting Direction : Down Cutting
Cutting Tool	W616080-SP-FB (Spiral Cut)	

Step 1(Soft)	Step 2(Medium)	Step 3(Hard)	Step 4(Very Hard)
			
approx.C0.4	approx.C0.6	approx.C0.8	approx.C1.1

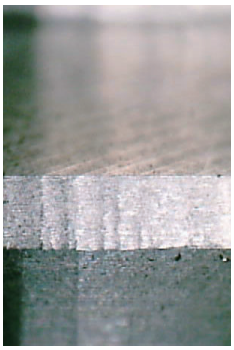
Material	S50C (Carbon Steel)	Off Set Amount : 5 mm Rotation Speed : 8,000 r/min Feed Rate : 1,600 mm/min Cutting Direction : Down Cutting
Cutting Tool	W616080-SP-FB (Spiral Cut)	

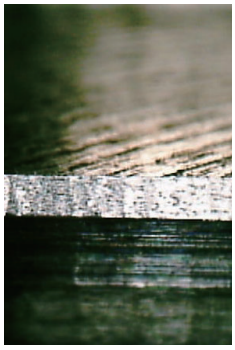
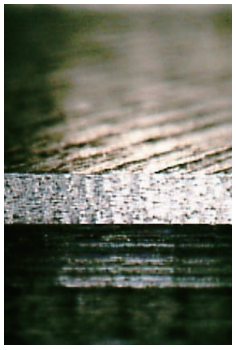
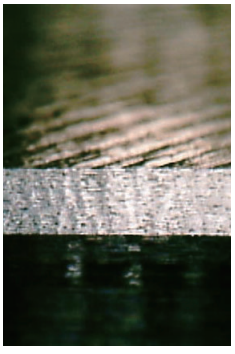
Step 1(Soft)	Step 2(Medium)	Step 3(Hard)	Step 4(Very Hard)
			
approx.C0.4	approx.C0.5	approx.C0.6	approx.C0.7

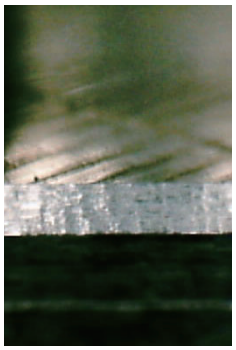
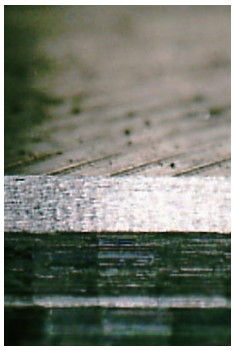
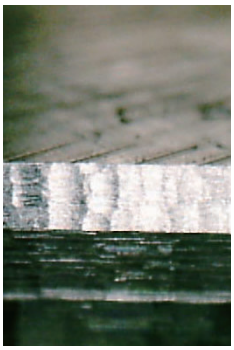
Material	SUS304 (Stainless Steel)	Off Set Amount : 5 mm Rotation Speed : 8,000 r/min Feed Rate : 1,600 mm/min Cutting Direction : Down Cutting
Cutting Tool	W616080-SP-FB (Spiral Cut)	

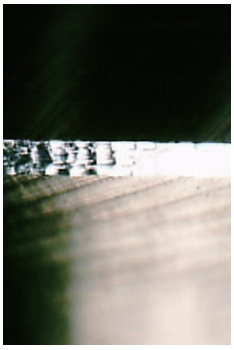
Step 1(Soft)	Step 2(Medium)	Step 3(Hard)	Step 4(Very Hard)
			
approx.C0.4	approx.C0.5	approx.C0.6	approx.C0.6

Machining Example with ST20-DBR7-1D

Material	ADC (Aluminum die-casting alloy)	Off Set Amount : 5 mm Rotation Speed : 6,000 r/min Feed Rate : 1,800 mm/min Cutting Direction : Down Cutting
Cutting Tool	W616080-SP-FB (Spiral Cut)	
YELLOW(Soft)	GREEN(Medium)	RED(Hard)
		
approx.C0.7	approx.C0.9	approx.C1.1

Material	FCD400 (Ductile Cast Iron)	Off Set Amount : 5 mm Rotation Speed : 6,000 r/min Feed Rate : 1,800 mm/min Cutting Direction : Down Cutting
Cutting Tool	W616-SP (Cross Cut)	
YELLOW(Soft)	GREEN(Medium)	RED(Hard)
		
approx.C0.5	approx.C0.6	approx.C0.8

Material	S50C (Carbon Steel)	Off Set Amount : 5 mm Rotation Speed : 9,000 r/min Feed Rate : 1,800 mm/min Cutting Direction : Down Cutting
Cutting Tool	W616-SP (Cross Cut)	
YELLOW(Soft)	GREEN(Medium)	RED(Hard)
		
approx.C0.5	approx.C0.6	approx.C0.8

Material	SUS304 (Stainless Steel)	Off Set Amount : 5 mm Rotation Speed : 6,000 r/min Feed Rate : 1,800 mm/min Cutting Direction : Down Cutting
Cutting Tool	W616-SP (Cross Cut)	
YELLOW(Soft)	GREEN(Medium)	RED(Hard)
		
approx.C0.4	approx.C0.5	approx.C0.6

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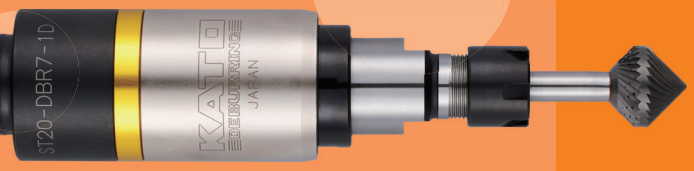









총판 대리점
슈론 (대구 지점), 슈론 (용인 지점)
www.shuron.kr
010-4647-6227

https://kato-tapper.com/eng

No.2601-E1