

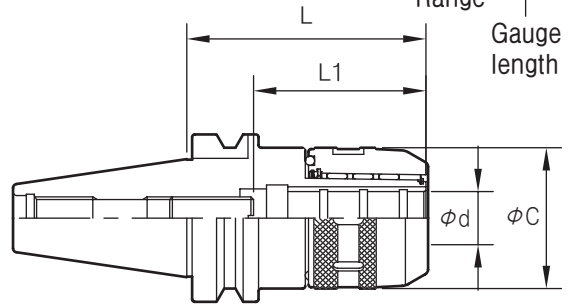
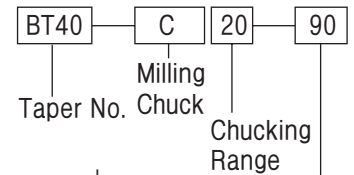
MILLING CHUCK



(PAT.)



Ordering Example



Taper No.	Code No.	ϕd	L	ϕC	L1		Collet	Weight (kg)	Stock
					Min	Max			
BT30	BT30-C20-80	20	80					1.0	■
	BT40-C20-75		75					1.5	■
BT40	BT40-C20-90	20	90	53	45	70	MC20 NC20	1.7	■
	BT40-C20-105		105					2.0	■
	BT40-C20-120		120					2.2	■
	BT40-C32-85	32	85	70	50	76	MC32 NC32	2.0	■
	BT40-C32-105		105					2.4	■
	BT40-C32-120		120					2.7	■
	BT50	BT50-C20-105	20	105	53	45	70	MC20 NC20	4.4
BT50-C20-135		135		4.8					■
BT50-C20-165		165		5.3					■
BT50-C32-105		32	105	74	60	95	MC32 NC32	4.9	■
BT50-C32-120			120					5.3	■
BT50-C32-135			135					5.7	■
BT50-C32-165		42	165	92	60	98	MC42 NC42	6.5	■
BT50-C42-105			105					5.5	■
BT50-C42-120			120					6.2	■
BT50-C42-135			135					6.9	■
BT50-C42-165			165					8.3	■

- *. 밀링척은 Machining Center Base Tool Holder입니다.
- *. 밀링척 사용 시 BOX안에 사용설명서를 충분히 읽어보시고 사용 바랍니다.
- *. 밀링척 적용 Straight Shank 아래와 같습니다.
- ▷(ST-C32,42)밀링척 연장용 PAGE.80
- ▷(ST-SX) SX CHUCK PAGE.82 ▷(ST-ERM) ER SILM CHUCK PAGE.81
- ▷(K-NPU) NPU CHUCK PAGE.80
- *. 스페셜 사이즈 (내경 C3/4, 1.1/4)밀링척 주문 가능합니다.
- *. 바란싱 타입(고속회전용) 밀링척은 PAGE.23 참조하시기 바랍니다.
- *. Center Through Type 밀링척은 별도 주문 사양입니다.
- *. Flange Through TYPE 밀링척은 별도 주문 사양입니다.
- *. Spaner는 별매입니다. (범용 밀링척 동일 적용) C4020, C4032, C5032, C5042.



High Rigidity Maximize Flexibility

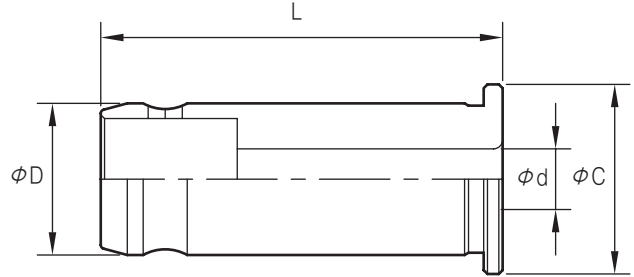
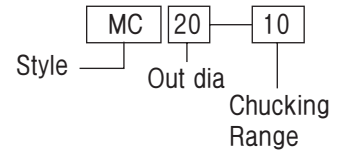
*진동방지 (Vibration prevention)
*향상 (Improvement)

O-Ring Contact Perfect Close for NoVibration High Rigidity

STRAIGHT COLLET(MC TYPE)



Ordering Example

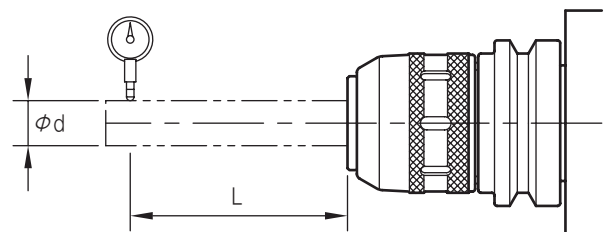


Style	Code No.	φd	φD	L	φC	적 용 MILLING CHUCK	Weight (kg)	Stock
MC20	MC20- 6	6	20	53	25	C20	0.1	■
	MC20- 8	8					0.1	■
	MC20-10	10					0.1	■
	MC20-12	12					0.1	■
	MC20-16	16					0.1	■
MC25	MC25- 6	6	25	61.5	29	C25	0.2	■
	MC25- 8	8					0.2	■
	MC25-10	10					0.2	■
	MC25-12	12					0.2	■
	MC25-16	16					0.2	■
	MC25-20	20					0.2	■
MC32	MC32- 6	6	32	64.5	37	C32	0.3	■
	MC32- 8	8					0.3	■
	MC32-10	10					0.3	■
	MC32-12	12					0.3	■
	MC32-16	16					0.3	■
	MC32-20	20					0.3	■
	MC32-25	25					0.3	■
MC42	MC42- 6	6	42	78.5	47	C42	0.5	■
	MC42- 8	8		0.5			■	
	MC42-10	10		0.5			■	
	MC42-12	12		0.5			■	
	MC42-16	16	78	0.5			■	
	MC42-20	20		0.5			■	
	MC42-25	25		0.5			■	
	MC42-32	32		0.5			■	

*.MC3/4, MC1.1/4 등 다양한 사이즈(φD)도 준비되어 있습니다.

*.표준품 외에 소수점 및 Inch Size도 준비되어 있습니다.

Style & φd		L	T.I.R(μm)
MC20	6, 8, 10	50	0.010
MC25	12, 16	75	
MC32			
MC42	20, 25, 32	100	

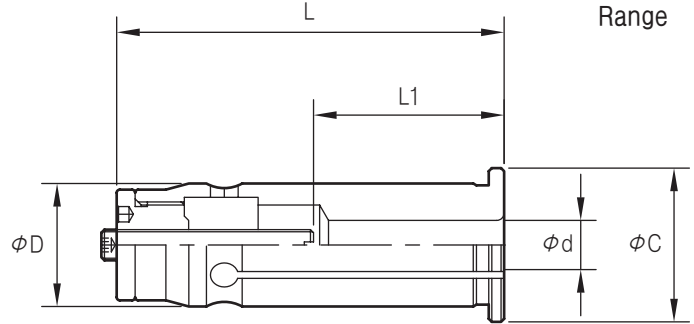
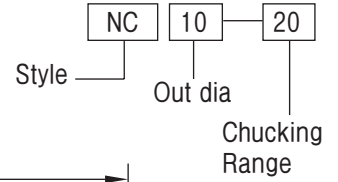


STRAIGHT COLLET(NC TYPE)



조절나사 부착(NC Collet)

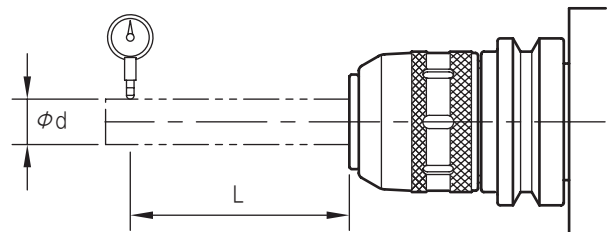
Ordering Example



Style	Code No.	φd	φD	L	φC	L1		적 용 MILLING CHUCK	Weight (kg)	Stock
						Min	Max			
NC20	NC20- 6	6	20	63	25	30	50	C20	0.2	■
	NC20- 8	8							0.2	■
	NC20-10	10							0.2	■
	NC20-12	12							0.2	■
	NC20-16	16							0.2	■
NC32	NC32- 6	6	32	75	37	30	60	C32	0.4	■
	NC32- 8	8							0.4	■
	NC32-10	10							0.4	■
	NC32-12	12							0.4	■
	NC32-16	16							0.4	■
	NC32-20	20							0.4	■
	NC32-25	25							0.4	■
NC42	NC42- 6	6	42	85	47	30	72	C42	0.7	□
	NC42- 8	8							0.7	□
	NC42-10	10							0.7	□
	NC42-12	12							0.7	□
	NC42-16	16							0.7	□
	NC42-20	20							0.7	□
	NC42-25	25							0.7	□
	NC42-32	32							0.7	□

*NC3/4, NC1.1/4 등 다양한 사이즈(φD)도 준비되어 있습니다.
*표준품 외에 소수점 및 Inch Size도 준비되어 있습니다.

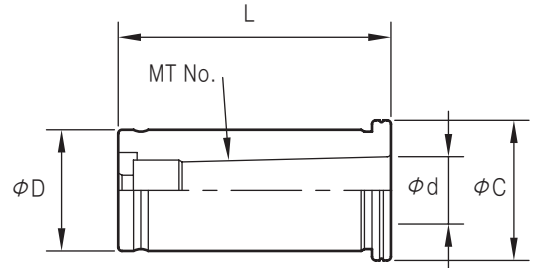
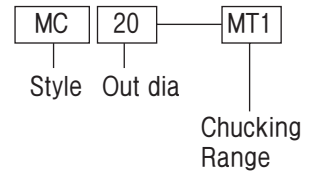
Style & φd	L	T.I.R.(μm)
NC20,NC32,NC42-6	50	0.010
NC20,NC32,NC42-8		
NC20,NC32,NC42-10		
NC20,NC32,NC42-12	75	
NC20,NC32,NC42-16		
NC32,NC42,-20	100	
NC32,NC42,-25		
NC42-32		



TAPER COLLET



Ordering Example

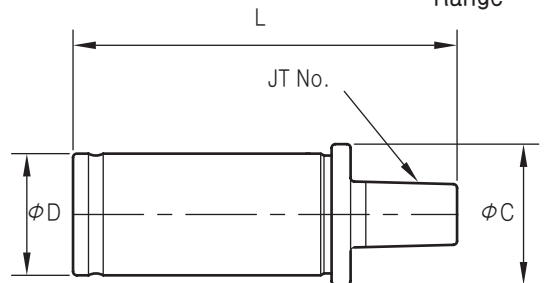
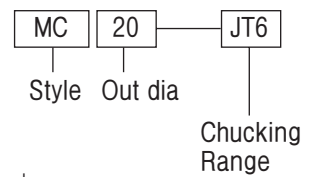


Style	Code No.	φd	MT No.	φD	L	φC	Weight	Stock
							(kg)	
MC20	MC20-MT1	12.065	12.065	20	60	25		<input type="checkbox"/>
	MC20-MT2	17.780	17.780		72			<input type="checkbox"/>
MC32	MC32-MT1	12.065	12.065	32	60	37		<input checked="" type="checkbox"/>
	MC32-MT2	17.780	17.780		72			<input checked="" type="checkbox"/>
	MC32-MT3	23.825	23.825		90			<input checked="" type="checkbox"/>
MC42	MC42-MT1	12.065	12.065	42	60	47		<input checked="" type="checkbox"/>
	MC42-MT2	17.780	17.780		72			<input checked="" type="checkbox"/>
	MC42-MT3	23.825	23.825		90			<input checked="" type="checkbox"/>
	MC42-MT4	31.267	31.267		113			<input checked="" type="checkbox"/>

DRILL CHUCK ARBOR



Ordering Example



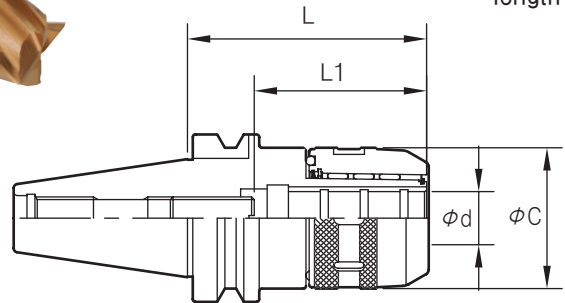
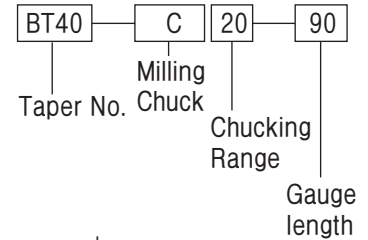
Style	Code No.	JT No.	φD	L	φC	적 용 MILLING CHUCK	Weight	Stock
							(kg)	
MC20	MC20-JT6	JT6	20	93	25	C20		<input type="checkbox"/>
MC32	MC32-JT6		32	101	37	C32		<input checked="" type="checkbox"/>
MC42	MC42-JT6		42	101	47	C42		<input checked="" type="checkbox"/>

MILLING CHUCK(고속회전용)

C-P



Ordering Example



DSP BALANCING SYSTEM!!!
MILLING CHUCK 고속 회전 (20,000RPM) !!!

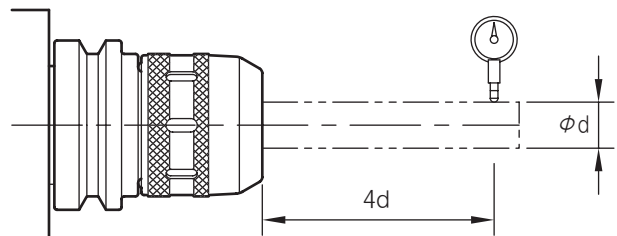
Taper No.	Code No.	ϕd	L	ϕC	L1	고속회전수 (rpm)	Collet	Weight (kg)	Stock
BT30	BT30-C20-80P	20	80	53	53	30,000	MC20 NC20	1.0	■
	BT40-C20-75P		75					1.5	■
	BT40-C20-90P		90					1.7	■
	BT40-C20-105P		105					2.0	■
BT40	BT40-C20-85P	32	120	70	70	20,000	MC32 NC32	2.0	■
	BT40-C32-105P		85					2.4	■
BT50	BT50-C20-105P	20	105	53	53	20,000	MC20 NC20	4.4	■
	BT50-C20-135P		120					4.8	■
	BT50-C32-105P	32	105	74	74	15,000	MC32 NC32	4.9	■
	BT50-C32-120P		135					5.3	■
	BT50-C32-135P	165	5.7	■					
	BT50-C42-105P	42	105	92	92	15,000	MC42 NC42	5.5	■
BT50-C42-120P	120		6.2					■	

- * 상기 표준품외에도 주문 제작 가능합니다.
- * 밀링척 사용 시 BOX안에 있는 사용설명서를 충분히 읽어보시고 사용 바랍니다.
- * 스페너는 별매입니다. 19PAGE 참조 하연주시기 바랍니다.

Excellent Runout Accuracy

■ 5 μ m (T.I.R)Runout at 4D Away form Shank Nose

Style & ϕd	L	T.I.R(μ m)
C20	80	0.005
C32	120	
C42	160	

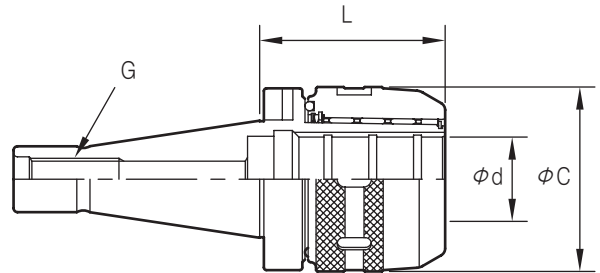
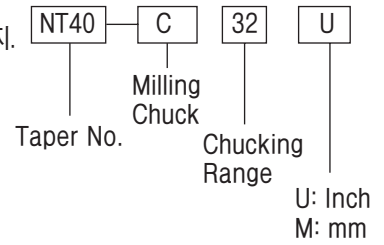


MILLING CHUCK



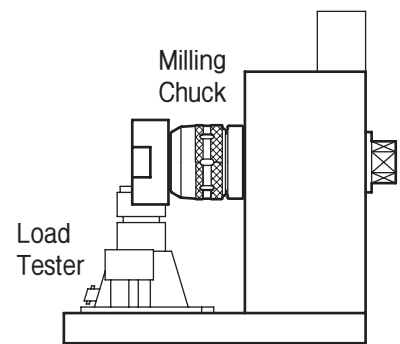
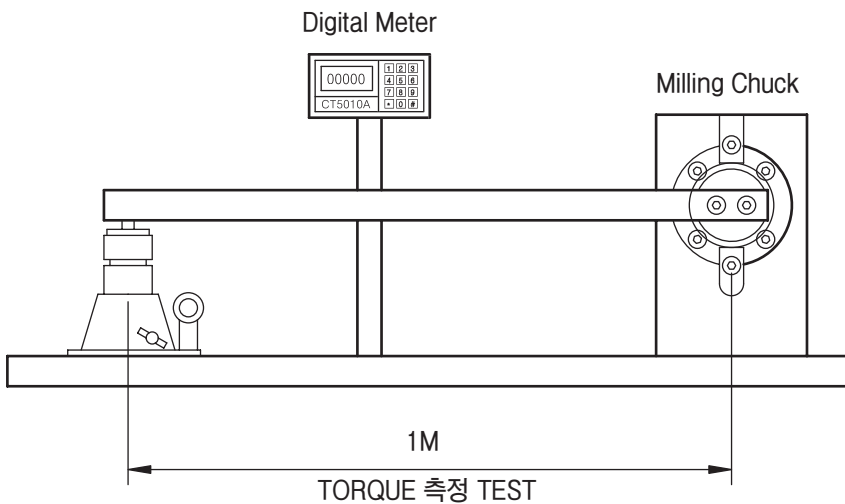
- *. 극한 절삭조건 상황에서도 고정도, 고강성을 유지하여 종절삭에 용이 합니다.
- *. 입구로부터 테스트바 4D선단 정도 (RUN-OUT) 10 μ m이내 .
- *. 척 내부에 슬롯 홈이 있어 높은 CLAMPING POWER 을 유지하고 절삭 공구의 빠지는 형상을 방지.
- *. 주문시에 U(INCH), M(METRIC) 을 꼭 구분하여 주십시오.

Ordering Example



Taper No.	Code No.	ϕd	L	ϕC	G		Collet	Weight (kg)	Stock			
					UNC	M						
NT30	NT30-C20U	20	70	53	U1/2-13	M12	MC20		<input type="checkbox"/>			
	NT30-C20M								<input type="checkbox"/>			
NT40	NT40-C20U				32	70.4	70	U5/8-11	M16	MC32		<input type="checkbox"/>
	NT40-C20M											<input type="checkbox"/>
	NT40-C32U		<input checked="" type="checkbox"/>									
NT50	NT40-C32M						NC32		<input checked="" type="checkbox"/>			
	NT50-C32U	85	74	U1"-8	M24	MC42	NC42		<input checked="" type="checkbox"/>			
	NT50-C32M								<input checked="" type="checkbox"/>			
	NT50-C42U	20	89.7					92		<input checked="" type="checkbox"/>		
	NT50-C42M									<input checked="" type="checkbox"/>		

*. Spanner는 별도 판매 합니다.



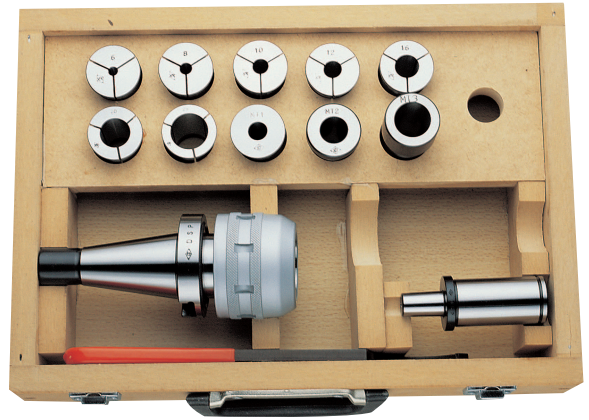
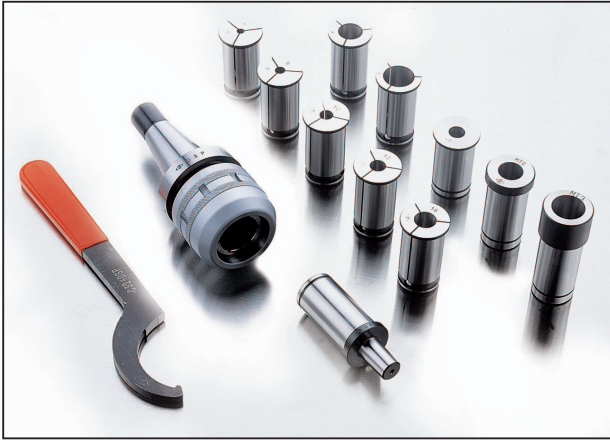
Model	Torque kg f.m
C20	130
C4032	260
C5032	360
C5042	520

DSP MILLING CHUCK TORQUE 측정 DATA

Model	Option Spanner
Style	
C20	C4020-SP
C4032	C4032-SP
C5032	C5032-SP
C5042	C5042-SP

MILLING CHUCK SET (NT)

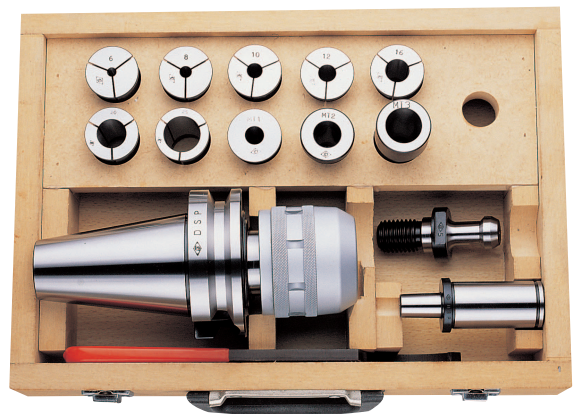
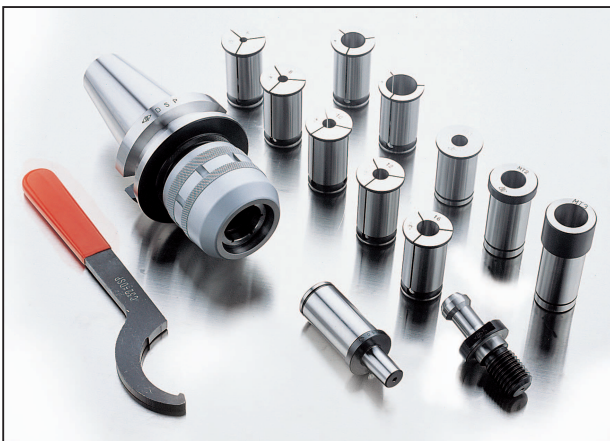
SET



TAPER No.	SET Code No.	MC 내경	SET 내용 Code No.			
			CHUCK 본체		MT COLLET	DRILL CHUCK
NT30	S. NT30-20	φ20	NT30-20	MC20-6,8,10,12,16	MC20-MT1,2	MC20-6
NT40	S. NT40-32	φ32	NT40-32	MC32-6,8,10,12,16,20,25	MC32-MT1,2,3	MC32-6
NT50	S. NT50-32	φ32	NT50-32	MC32-6,8,10,12,16,20,25	MC32-MT1,2,3	MC32-6
	S. NT50-42	φ42	NT50-42	MC42-6,8,10,12,16,20,25,32	MC42-MT1,2,3,4	MC42-6

MILLING CHUCK SET (BT)

SET



TAPER No.	SET Code No.	MC 내경	SET 내용 Code No.				
			CHUCK 본체		MT COLLET	DRILL CHUCK	PULL STUD
BT50	S.BT50-32	φ32	BT50-C32-105	MC32-6,8,10,12,16,20,25	MC32-MT1,2,3	MC32-6	PS-
	S.BT50-42	φ42	BT50-C42-105	MC42-6,8,10,12,16,20,25,32	MC42-MT1,2,3,4	MC42-6	PS-

* 주문시 PULL STUD No를 지정하여 주십시오

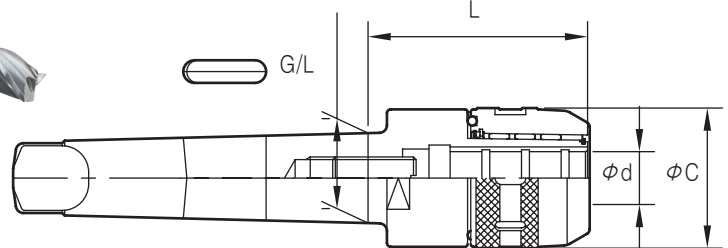
MT MILLING CHUCK(TANG)



Ordering Example

MT4T MC 20 T

MillingChuck
Taper No. Chucking Range
Factory Machine



Taper No.	Code No.	φd	G/L	L	φC	Collet	Weight	Stock
							(kg)	
MT4	MT4T-C20 (I)	20	31.267	80	53	MC20, NC20		<input type="checkbox"/>
	MT4T-C20 (T)	32		90	70	MC32, NC32		<input type="checkbox"/>
MT5	MT5T-C32 (I)	32	44.399	90	74	MC32, NC32		<input type="checkbox"/>
	MT5T-C32 (T)							<input checked="" type="checkbox"/>
	MT5T-C32 (D)							<input type="checkbox"/>
MT6	MT6T-C42 (I)	42	63.348	98	92	MC42, NC42		<input checked="" type="checkbox"/>
	MT6T-C42 (T)							<input checked="" type="checkbox"/>
	MT6T-C42 (D)							<input type="checkbox"/>
	MT6T-C42 (W)							<input type="checkbox"/>

*. Cotter pin : 80 page 참조.

*. Special size도 주문 제작 합니다.

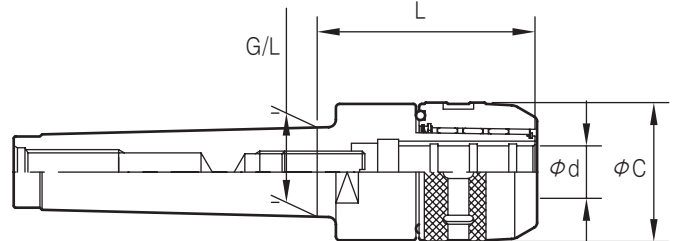
MT MILLING CHUCK(SCREW)



Ordering Example

MT4S MC 20

MillingChuck
Taper No. Chucking Range



Taper No.	Code No.	φd	G/L	L	φC	Collet	Weight	Stock
							(kg)	
MT3	MT3S-C20	20	23.825	85	53	MC20, NC20		<input type="checkbox"/>
MT4	MT4S-C20			80				<input type="checkbox"/>
		MT4S-C32	32	31.267	90	70	MC32, NC32	
MT5	MT5S-C20	20	44.399	80	53	MC20, NC20		<input type="checkbox"/>
		MT5S-C32		32	90	74	MC32, NC32	

*. Adjustable screw 와 and spanners 따로 판매 합니다.

*. Special size도 주문 제작 합니다.