

신뢰의 기업

Han&Tech
Linear Motion Systems

Caster & Foot





고객을 최우선으로 생각하는 마음으로 차별화된 기술과 열정을 갖춘 최고의 기업이 되겠습니다.

TLT는 20년 이상의 경력자들이 모여 Caster 및 Leveling foot 전문회사로 출범하였으며, 우리 구성원들은 고객 Needs를 만족하고자 끊임없이 연구, 개발한 결과 더 나은 품질에 더 나은 가격경쟁력을 갖춘 최고의 제품으로 고객 앞에 서게 되었습니다. TLT는 나보다 고객을 생각하는 마음과 끊임없이 노력하는 열정으로 오늘도 노력하고 있습니다. 오늘에 만족하지 않고 매일매일 성장하는 기업이 되겠습니다.



고객 지원 서비스

Customer Support Service

- 응용 소프트웨어 엔지니어는 고객에게 맞는 솔루션을 제공
- 사용자는 모든 표준 제품의 3D 솔리드 모델 및 2D 도면을 다운로드 가능
- 고객의 엄격한 요구 사항을 충족시키기 위해 전문적인 엔지니어링 설계 및 지원을 제공
- 신제품 프로토타입 디자인 서비스 제공
- 공장 및 고객의 특정 표준을 충족시키기 위해 제품에 대한 표준 테스트 제공
- Application Engineers to guide the end user to the right solution for the application
- Specialized engineering design and support to meet stringent customer application needs
- Prototyping services for new products- Product qualification testing to meet both industry and customer specific standards
- Downloadable 3D solid models & 2D drawings available for all standard products

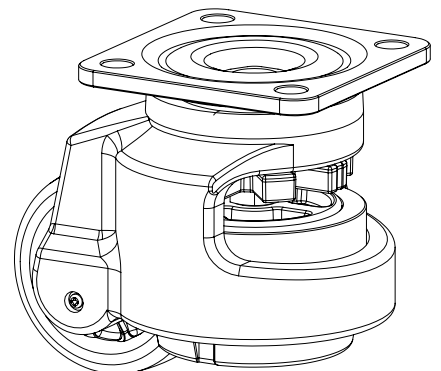


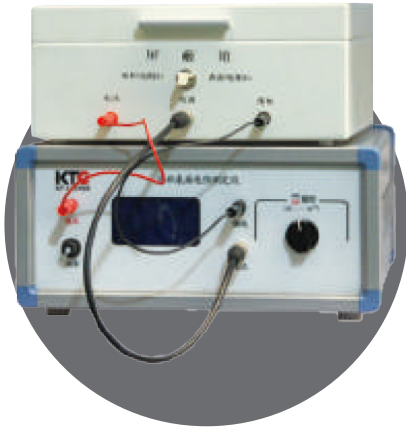
3D프린터

엔지니어링 역량

Engineering Capabilities

- 3D 솔리드 모델, 유한요소분석 (FEA) 및 몰드플로우 해석은 사내 엔지니어링 역량의 핵심
- 디자인 전문기술은 경량형 가구, 의료, 전자제품 서비스, 재료 자동화 작업 및 항공우주산업 응용분야를 포함한 캐스터 공장의 모든 제품에 적용
- 광범위한 재료 분야 전문 기술: 철강 제품, 폴리우레탄, 열가소성 플라스틱 및 정밀주조
- 시각적, 기능성 프로토타입 디자인을 위한 내적 플라스틱 인쇄 부분 제공
- 글로벌 공장 표준의 일관성을 정하기 위해 제공되는 기능: ISO (국제표준화기구), ANSI/ICWM (미국표준협회/ 국제도량형위원회), ANSI / BIFMA, ROHS 및 캐스터 요구사항인 BSEN (공학 표준).
- 3D Solid Modeling, Finite Element Analysis (FEA), and Mold Flow Analysis are at the core of the in-house capabilities
- Design expertise that spans all markets of the caster industry including light duty furniture, medical, electronics, food service material handling automotive and aerospace applications
- Expertise in a wide range of materials including; steel, polyurethane, thermoplastics, and castings
- In-house plastic part printing for providing visual and functional prototypes
- In-house testing capabilities to confirm adherence to global industry standards including ISO, ANSI/ICWM, ANSI/BIFMA, ROHS, and BSEN requirements for casters.





① 저항시험기

Resistance Measuring Instrument

폴리우레탄, 나일론, 고무, 플라스틱 및 기타 절연 재료를 사용한 휠의 전도성을 효과적으로 측정합니다.

Effectively measure conductive property of insulating material wheel, such as polyurethane, nylon, rubber and plastic.



② 염수분무부식시험기

금속 부품 표면처리의 내부식성이 품질 기준을 충족하는지 테스트합니다.

Test if the corrosion resistance of hardware accessories, surface treatment meets the quality requirements.



③ 낙하충격시험기

Resistance Measuring Instrument

캐스터의 충격 저항성능이 품질 요구 사항을 충족하는지 테스트합니다.

Test if impact resistance of caster meets the quality requirements.



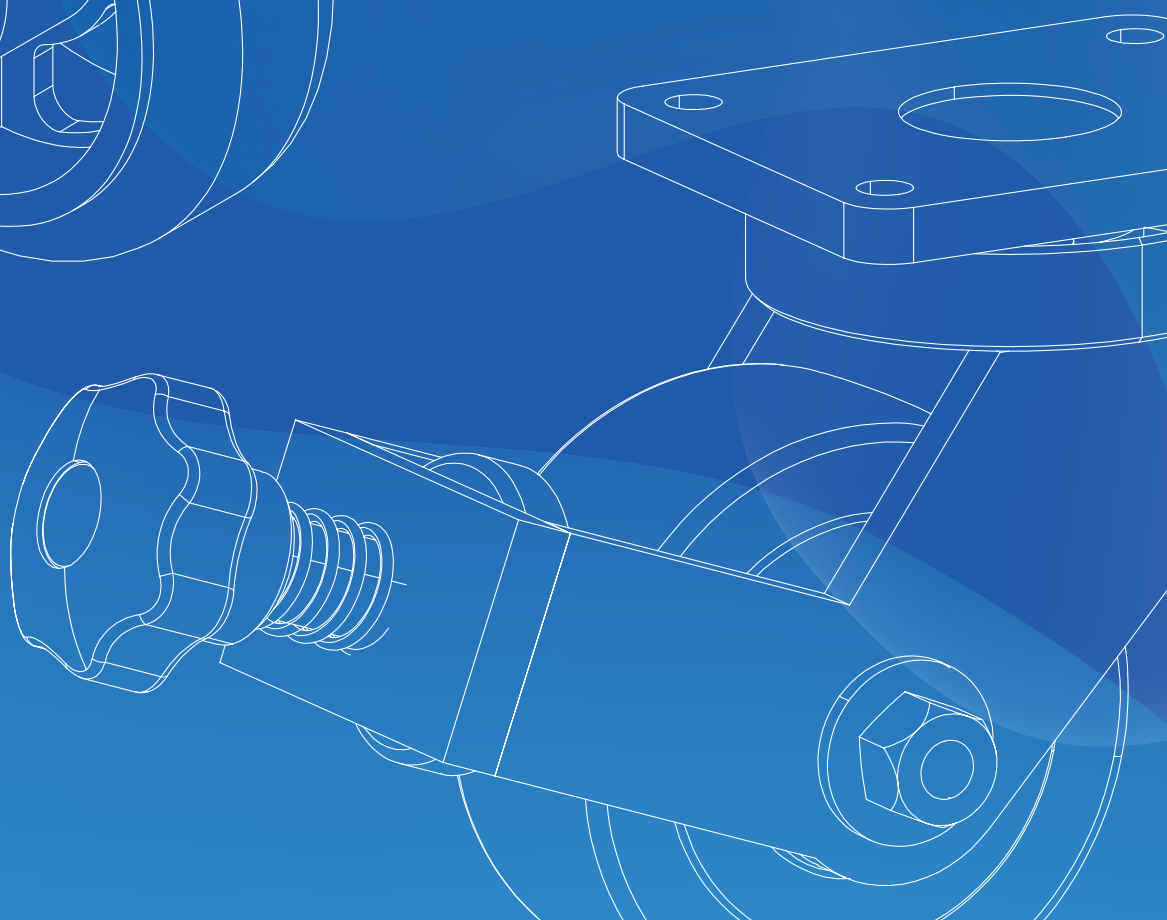
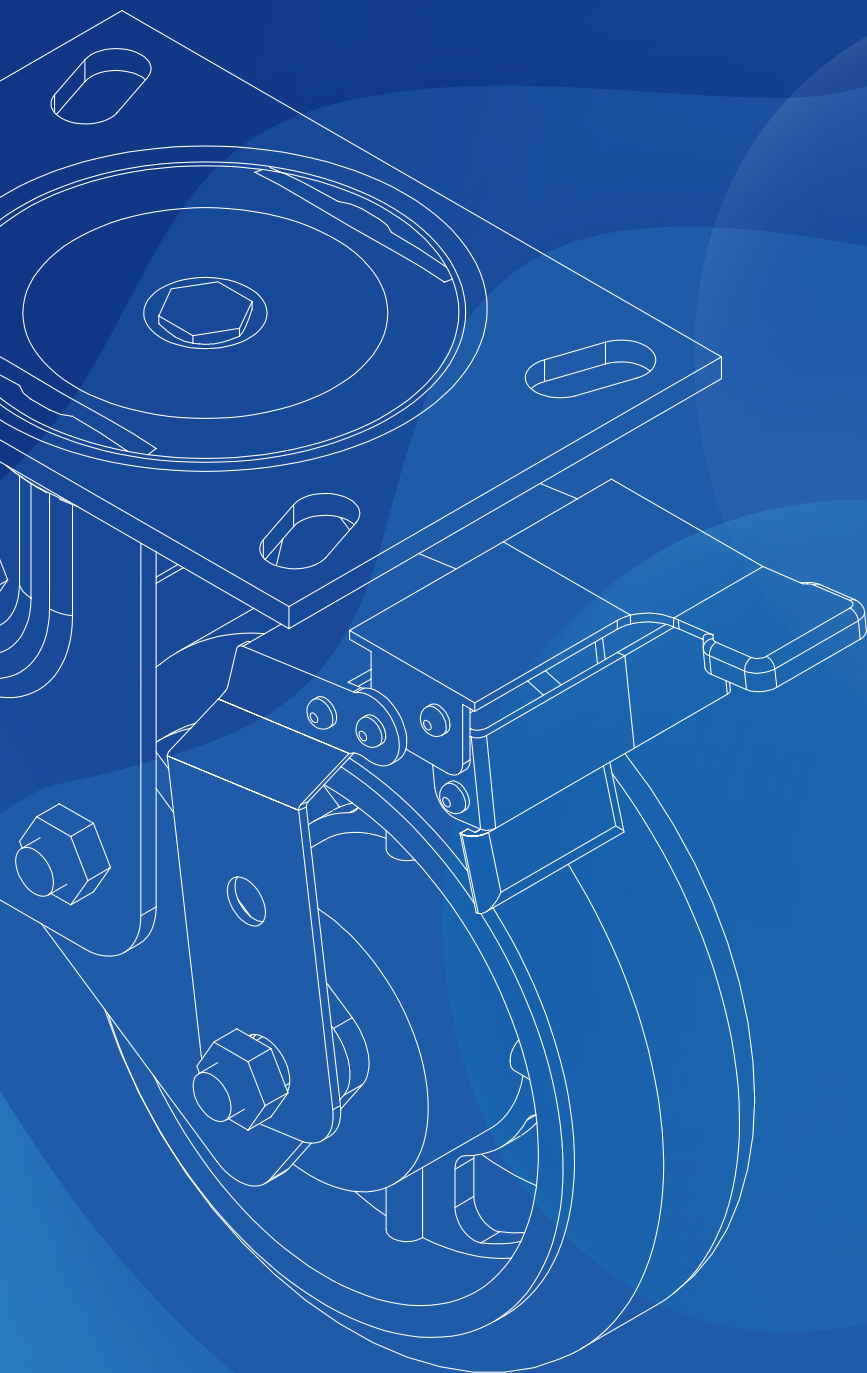
④ 캐스터 복합시험기

Caster Test Integrated Machine

제품의 실제 사용 상황을 시뮬레이션 하여 캐스터의 하중 주행, 브레이크 장치, 조향성과 같은 지표가, 품질 요구 사항을 충족시키는지 테스트합니다.

By simulating actual use of the product, test if the indicators, such as caster weight-bearing walking, break device, steering performance, meet the quality requirements.

Caster



제품특징

Distinction

제품은 알루미늄 주조로 제작된 몸체, 단조 및 프레스로 제작한 상판, 특수 혼합한 사출 휠. 내부식성 및 방진성이 뛰어난 합성 고무, 그리고 높낮이 조절이 편리한 핸들로 구성됩니다.

장점: 상판과 몸체 사이에 볼베어링을 상하로 삽입하여 마찰력을 최소화 하였으며 360° 회전이 가능하여 아주 좁은 공간에서도 사용이 편리하며 방향성, 이동성, 높낮이 조절 및 방진성을 포함한 멀티 기능을 일체화 시켰습니다.

This is made up of the main body gounded by aluminium, the upper plate with a forged & a press.

The catapult wheel by specially compounding, synthetiv rubber with superior sustproof and dustproof dueice, and the handle designed to simply adjust to high & low.

This wheel master have the advantage of making it easy to remote in a 360 degree are by putting and in the ball bearing between upper palte and main body, also get a vhang of direction and move easy.

제품성능

Function

사용상의 편리를 위하여 기능을 개선함으로써 손과 스패너를 자유자재로 사용하여 높낮이를 손쉽게 조절할 수 있습니다.

A Function improves and who can make height regulation easy by small power so that a hand ans a spanner may be freely used for the facilities of use.



고정기능
(Fixing)



이동기능
(Moving)



상하조절, 방진기능
(Cushioning, Leveling)

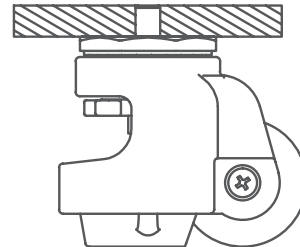
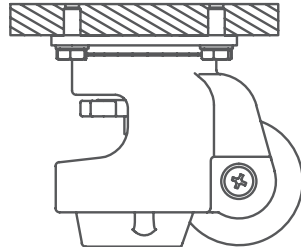
취부방법

Attachments

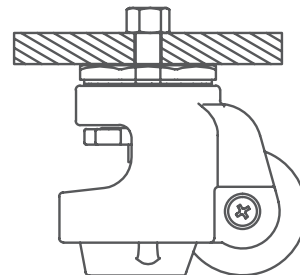
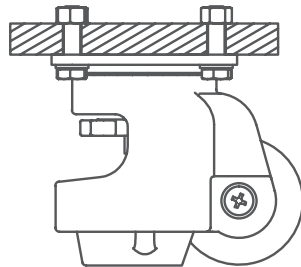
F TYPE(Flange Type)

S TYPE(Stem Type)

Tapping

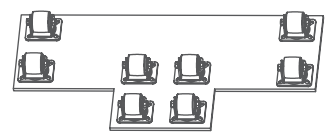
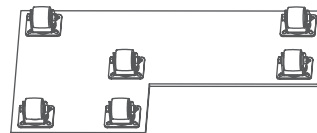
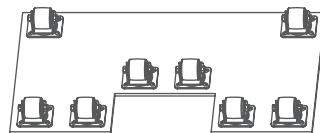


Drilling



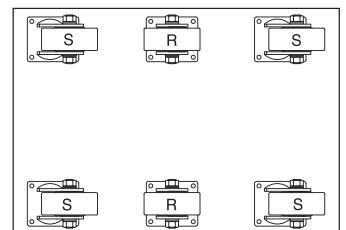
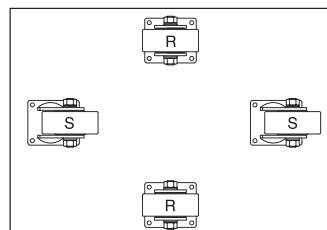
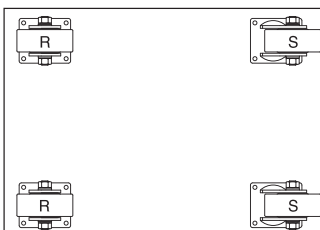
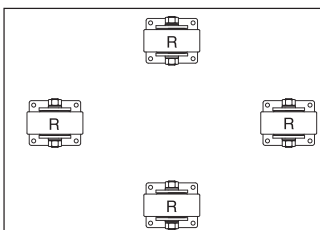
장착방법

Machine



장착방법

Cart



R 고정(Rigid Flange)

S 회전(Swivel Flange)



CASTER



높낮이조절 캐스터
(Levelling caster)

C01-1 Series	10
C01-2 Series	12
C01-3 Series	14
C02-1 Series	16
C03-1 Series	18
C03-2 Series	20



저상형, 회전반경 최적 캐스터
(Height-limited, Optimizing the radius of rotation)

C04-1 Series	22
C05-1 Series	24
C06-1 Series	26
C07-1 Series	28



중하중 캐스터
(Medium-load caster)

C08-1 Series	30
C09-1 Series	32



고하중 캐스터
(Heavy-load caster)

C10-1 Series	34
C11-1 Series	36
C11-1 Series	38
C12-1 Series	40



완충캐스터
(Shock absorber caster)

C13-1 Series	42
C14-1 Series	44
C15-1 Series	46



무소음 정밀우레탄 캐스터
(Noiseless precision urethane caster)

C16-1/2 Series	48
C17-1/2 Series	50
C18-1/2 Series	52



대전방지 캐스터
(Antistatic caster)

C19-1 Series	54
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FOOT



경하중용

F01-P/PS Series 58



중,고하중용

F06-M/MS Series 64

F07-MZ/MZS Series 66



미끄럼 방지용

F01-PR/PSR Series 59



방진용

F02-L/LS Series 60

F04-V/VS Series 62

F06-MR/MSR Series 65

F07-MZR/MZSR Series 67



각도조절용

F08-MA/MAS Series 68

F10-MU/MUS Series 71



방진+각도조절용

F08-MAR/MASR Series 69

F09-PHR/PHSR Series 70

F11-AR Series 72

F12-PL/PLS Series 73



양카용+브라켓

F03-PA/PAS Series 61

F05-AB/ABS Series 63



단조 FOOT

F13-MDA/MDC Series 74, 75

C01-1 Series

높낮이조절 캐스터

High and low adjustment caster

· 허용하중(Allowable load): 100~3000 kg/4ea

· 사용온도(Temperature): -10~90°C



표기법

Ordering Code

C01

Caster Series

1

Function No.

100

Serial Number

F

F : Flange
S : Stem

M

Blank : Nylon
M : MC Nylon



특징

Features

- 1 높낮이 조절, 방진기능
Adjustable height, anti-vibration
- 2 손쉬운 이동, 고정성
Easy moving, fixing
- 3 360도 회전기능 일체화
Integrated 360° rotation capability

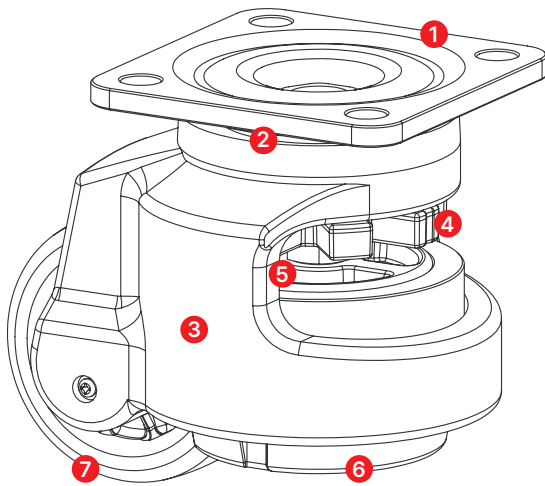
용도

Application

- 1 반도체/디스플레이 제조장비
Semiconductor/display equipment
- 2 공작기계/ATM장비, 캐비닛
Machine tool/ATM equipment, cabinet
- 3 프로파일 프레임장비 등
Profile Frame Equipment/etc.

재질 & 표면처리

Material & Treatment



NO.		재질	표면처리
① 상판(Top Plate)		SPC & S45C	Powder Coated
② 강구(Ball)		STB2	Ni-Cr
③ 몸체(Body)		ALDC12	Ivory/Powder Coated
④ 핸들(Handle)	40~100	PA6	Red
	120~150	S45C	Zn Galvanized
⑤ 레벨러(Leveler)		Swrch10A/ S45C	Zn Galvanized
⑥ 패드(Pad)	40~100	NBR	Black
	120	PA6	
	150	ALDC12	
⑦ 바퀴(Wheel)	40~120	PA6	Black
	150	MC Nylon	Blue or Ivory

* Wheel option: Antistatic poly urethane & MC Nylon by order

규격

Dimension

Unit: mm

Model	자중 (Net Weight)	Kg		W		HOLE			TAP			L		
	Kg	1EA	4EA	Ø	W	F	F1	Hole	Tap	X	Y	H+	L	O
C01-1-40F	0.36	50	100	Ø40	20	55×55	42×42	Ø6.5	-	-	-	71+10	77.5	30
C01-1-40S	0.37					-	-	-	M8(M12)	46	40			
C01-1-60F	0.67	250	500	Ø50	25	73×73	58×58	Ø7 (Ø8.5)	-	-	-	82+10	97.5	36
C01-1-60S	0.62					-	-	-	M12(M16)	53	49			
C01-1-80F	1.19	500	1,000	Ø62	28	90×90	70×70	Ø9	-	-	-	103+15	122	46
C01-1-80S	1.11					-	-	-	M12(M16)	69	65			
C01-1-100F	1.65	750	1500	Ø75	30	95×95	70×70	Ø11	-	-	-	120+12	138	53
C01-1-100S	1.55					-	-	-	M16	69	65			
C01-1-120F	1.54	1,000	2,000	Ø75	30	95×95	70×70	Ø11	-	-	-	120+12	138	53
C01-1-120S	1.55					-	-	-	M16	69	65			
C01-1-150F-M	3.34	1,500	3,000	Ø90	55	100×100	70×70	Ø13	-	-	-	132+15	164	69

C01-2 Series

높낮이조절 캐스터

High and low adjustment caster

· 허용하중(Allowable load):

500~2000Kg/4ea

· 사용온도(Temperature):

-10~90°C



표기법

Ordering Code

C01

Caster Series

2

Function No.

100

Serial Number

F

F : Flange
S : Stem

M

Blank : Nylon
M : MC Nylon



특징

Features

① 높낮이 조절, 방진기능

Adjustable height, anti-vibration

② 손쉬운 이동, 고정성

Easy moving, fixing

③ 360도 회전기능 일체화

Integrated 360° rotation capability

용도

Application

① 반도체/디스플레이 제조장비

Semiconductor/display equipment

② 공작기계/ATM장비, 캐비닛

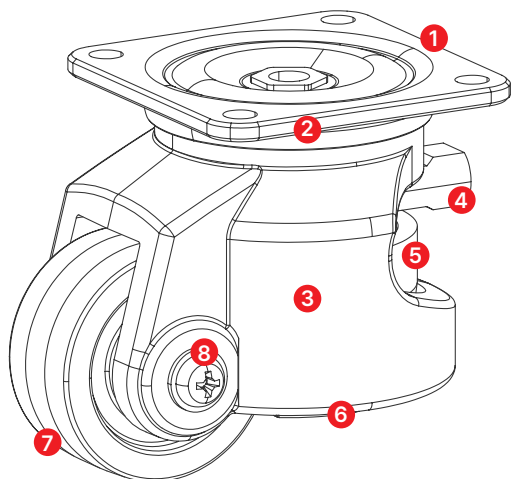
Machine tool/ATM equipment, cabinet

③ 프로파일 프레임장비 등

Profile Frame Equipment/etc.

재질 & 표면처리

Material & Treatment



NO.	재질	표면처리
① 상판(Top Plate)	SPC & S45C	Powder Coated
② 강구(Ball)	STB2	Ni-Cr
③ 몸체(Body)	ALDC12	Ivory/Powder Coated
④ 핸들(Handle)	ALDC12	Zn Galvanized
⑤ 레벨러(Leveler)	Swrch10A/ S45C	Zn Galvanized
⑥ 패드(Pad)	60~100	Black
	120	
⑦ 바퀴(Wheel)	PA6	Black
⑧ 핀(Pin)	Swrch10A/ S45C	Zn Galvanized

* Wheel option: Antistatic Poly Urethane & MC Nylon by order

규격

Dimension

Unit: mm

Model	자중 (Net Weight)	Kg		Diagram 1		Diagram 2			Diagram 3			Diagram 4		
		1EA	4EA	Ø	W	F	F1	Hole	Tap	X	Y	H+	L	O
C01-2-60F	0.67	250	500	Ø50	25	73×73	58×58	Ø7(Ø8.5)	-	-	-	82+10	97.5	36
C01-2-60S	0.62					-	-	-	M12(M16)	53	49			
C01-2-80F	1.19	500	1,000	Ø62	28	90×90	70×70	Ø9	-	-	-	103+15	122	46
C01-2-80S	1.11					-	-	-	M12(M16)	69	65			
C01-2-100F	1.65	750	1,500	Ø75	30	95×95	70×70	Ø11	-	-	-	120+12	138	53
C01-2-100S	1.55					-	-	-	M16	69	65			
C01-2-120F	1.54	1,000	2,000	Ø75	30	95×95	70×70	Ø11	-	-	-	120+12	138	53
C01-2-120S	1.55					-	-	-	M16	69	65			



C01-3 Series

높낮이조절 캐스터

High and low adjustment caster

· 허용하중(Allowable load):	500~1000Kg/4ea
· 사용온도(Temperture):	-10~90°C

표기법

Ordering Code

C01

Caster Series

3

Function No.

100

Serial Number

F

F : Flange
S : Stem

M

Blank : Nylon
M : MC Nylon



특징

Features

- 1 높낮이 조절, 방진기능
Adjustable height, anti-vibration
- 2 손쉬운 이동, 고정성
Easy moving, fixing
- 3 360도 회전기능 일체화
Integrated 360° rotation capability

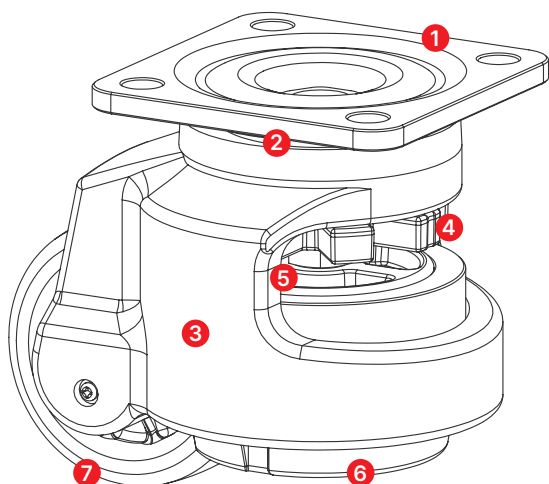
용도

Application

- 1 수분/염분 등 부식방지용 장비
Moisture/salt, anti-corrosive equipment
- 2 식품 및 주류장비
Food and Liquor Equipment
- 3 이화학기기
Chemical equipment

재질 & 표면처리

Material & Treatment



NO.	재질	표면처리
① 상판(Top Plate)	SUS	-
② 강구(Ball)	SUS	-
③ 몸체(Body)	SUS	-
④ 핸들(Handle)	PA6	Red
⑤ 레벨러(Leveler)	SUS	-
⑥ 패드(Pad)	NBR	Black
⑦ 바퀴(Wheel)	PA6	Black

* Wheel option: Antistatic Poly Urethane & MC Nylon by order

규격

Dimension

Unit: mm

Model	자중 (Net Weight)	Kg		Diagram 1		Diagram 2			Diagram 3			Diagram 4		
		1EA	4EA	Ø	W	F	F1	Hole	Tap	X	Y	H+	L	O
C01-3-60F	1.2	250	500	Ø50	25	73×73	58×58	Ø7	-	-	-	82+10	97.5	36
C01-3-60S	1.02					-	-	-	M12(M16)	52	45			
C01-3-80F	2.02	500	1,000	Ø62	28	90×90	70×70	Ø9	-	-	-	103+15	121	45
C01-3-80S	1.8					-	-	-	M12(M16)	69	65			

C02-1 Series

높낮이조절 캐스터

High and low adjustment caster

· 허용하중(Allowable load): 450~2400Kg/4ea

· 사용온도(Temperature): -10~90°C

표기법

Ordering Code

C02

Caster Series

1

Function No.

700

Serial Number

F

F : Flange

B

B : Brake



특징

Features

- ① 큰폭의 높낮이 조절
Large height Adjustable
- ② 손쉬운 이동, 고정성
Easy moving, fixing
- ③ 360도 회전기능 일체화
Integrated 360° rotation capability

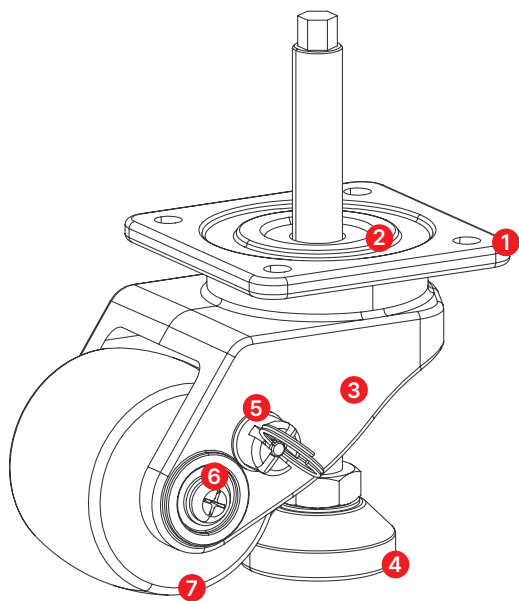
용도

Application

- ① 반도체/디스플레이 제조장비
Semiconductor/display equipment
- ② 자동화장비/컨베이어
Automation equipment/conveyors
- ③ 프로파일 프레임장비 등
Profile Frame Equipment/etc.

재질 & 표면처리

Material & Treatment



NO.	재질	표면처리
① 상판(Top Plate)	SPC/S45C	Powder Coated
② 강구(Ball)	STB2	Ni-Cr
③ 몸체(Body)	ALDC12	Ivory/Powder Coated
④ 컵(Cup)	SPC/ALDC12	Ni
⑤ 브레이크(Brake)	S45C	Zn Galvanized
⑥ 핀(Pin)	Swrch10A/ S45C	Zn Galvanized
⑦ 바퀴(Wheel)	PA6	Black

* Wheel option: Antistatic Poly Urethane by order

규격

Dimension

Unit: mm

Model	자중 (Net Weight)	Kg		Ø		HOLE			HOLE				M		S
		1EA	4EA	Ø	W	F	F1	Hole	H+	L	O	ØI	M	S	
C02-1-200F	0.69	150	450	Ø50	25	73×73	58×58	Ø7	72+50	109.5	48	38	10	7	
C02-1-700F	1.44	600	1,800	Ø73	30	90×90	70×70	Ø9	103+60	145.5	64	50	16	11	
C02-1-1000F	1.85	800	2,400	Ø75	55	90×90	70×70	Ø9	109+60	152.5	70	50	16	11	
C02-1-1000FB	1.94	800	2,400	Ø75	55	90×90	70×70	Ø9	109+60	152.5	70	50	16	11	

C03-1 Series

높낮이조절 캐스터

High and low adjustment caster

· 허용하중(Allowable load):

400~800Kg/4ea

· 사용온도(Temperature):

-10~90°C

표기법

Ordering Code

C03

Caster Series

1

Function No.

400

Serial Number

F

F : Flange



특징

Features

① 높낮이 조절, 방진기능

Adjustable height, anti-vibration

② 저상형 캐스터

Low height caster

③ 선회력 우수

Excellent turning power

용도

Application

① 반도체 제조설비

Semiconductor manufacturing facilities

② ATM장비 및 통신장비

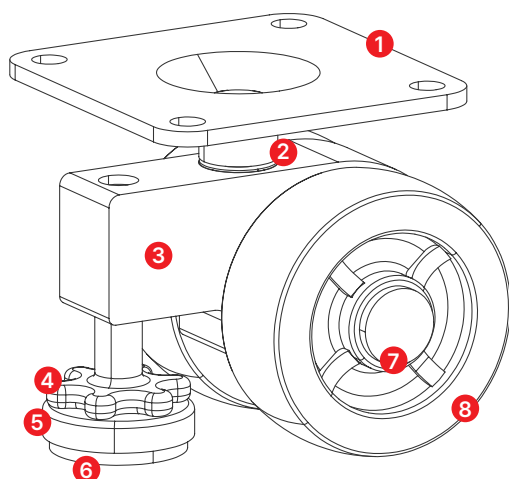
ATM and Communication equipment

③ 시험설비

Small test equipment

재질 & 표면처리

Material & Treatment

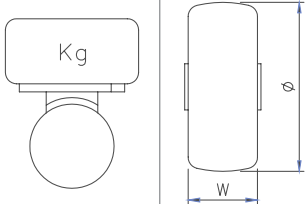
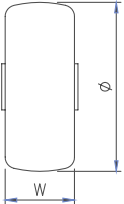
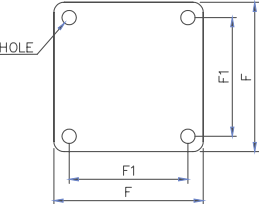
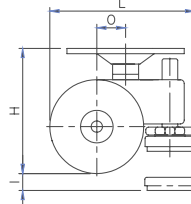


NO.	재질	표면처리
① 상판(Top Plate)	SPC	Zn Galvanized
② 샤프트(Shaft)	Swrch10A	Zn Galvanized
③ 몸체(Body)	ALDC12	Black
④ 레벨러(Leveler)	Swrch10A	Zn Galvanized
⑤ 훑컵(Foot cup)	SPC	Zn Galvanized
⑥ 훑패드(Foot pad)	NBR & Urethane	Black
⑦ 핀(Pin)	Swrch10A	Zn Galvanized
⑧ 바퀴(Wheel)	PA6	Black

규격

Dimension

Unit: mm

Model	자중 (Net Weght)												
		Kg	1EA	4EA	Ø	W	F	F1	Hole	H	I	L	O
C03-1-400F	0.62	140	400	Ø50	25×2	90 × 90	70 × 70	Ø9	76	10	95	20	
C03-1-800F	0.88	270	800	Ø72	25×2	90 × 90	70 × 70	Ø9	96	13	111	22	



C03-2 Series

높낮이조절 캐스터

High and low adjustment caster

· 허용하중(Allowable load):	400~800Kg/4ea
· 사용온도(Temperture):	-10~90°C

표기법

Ordering Code

C03

Caster Series

2

Function No.

400

Serial Number

S

S : Stem



특징

Features

- 1 높낮이 조절, 방진기능
Adjustable height, anti-vibration
- 2 저상형 캐스터
Low height caster
- 3 선회력 우수
Excellent turning power

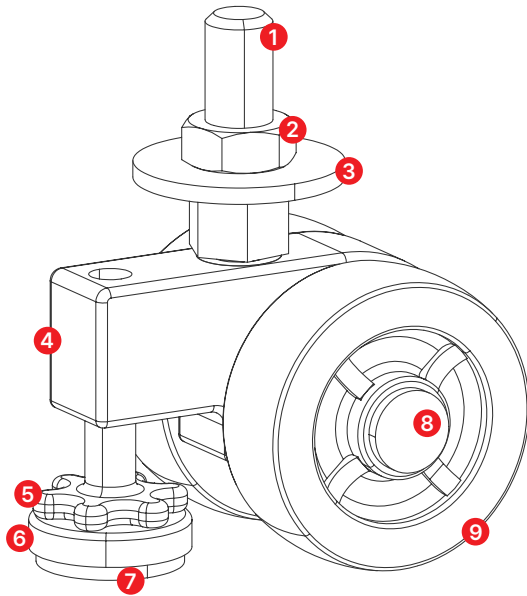
용도

Application

- 1 반도체 제조설비
Semiconductor manufacturing facilities
- 2 ATM장비 및 통신
ATM and Communication equipment
- 3 시험설비
Small test equipment

재질 & 표면처리

Material & Treatment



NO.	재질	표면처리
①② 볼트/너트(Bolt/Nut)	Swrch10A	Zn Galvanized
③ 와셔(Washer)	SPC	Zn Galvanized
④ 몸체(Body)	ALDC12	Black
⑤ 레벨러(Leveler)	Swrch10A	Zn Galvanized
⑥ 훑컵(Foot cup)	SPC	Zn Galvanized
⑦ 훑패드(Foot pad)	NBR & Urethane	Black
⑧ 핀(Pin)	Swrch10A	Zn Galvanized
⑨ 바퀴(Wheel)	PA6	Black

규격

Dimension

Unit: mm

Model	자중 (Net Weght)	Kg		Ø		H						M	
		1EA	4EA	Ø	W	H	I	L	O	M	Y	M	Y
C03-2-400S	0.44	140	400	Ø50	25×2	76	10	95	20	M12	36		
C03-2-800S	0.72	270	800	Ø72	25×2	96	13	111	22	M16	36		

C04-1 Series

저상형 캐스터
Low height caster

· 허용하중(Allowable load):	1700~2100Kg/4ea
· 사용온도(Temperture):	-10~90°C



표기법

Ordering Code

C04

Caster Series

1

Function No.

60

Serial Number

F

F : Flange
S : Stem

B

B : Brake



특징

Features

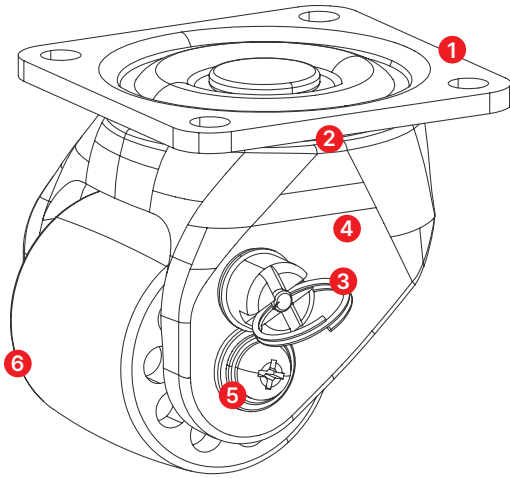
- 1 높이 제한이 있는 장비
height-limited equipment
- 2 베어링사용, 회전성/구름성 우수
Use of bearings, excellent rotational/clouds
- 3 트윈 휠 사용시 선회력 우수
Twin wheels have excellent turning power

용도

Application

- 1 반도체/디스플레이 제조장비
Semiconductor/display equipment
- 2 통신/실험/의료장비
Communications/tests/medical equipment
- 3 프로파일 프레임장비 등
Profile Frame Equipment/etc.

재질 & 표면처리 Material & Treatment

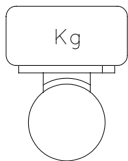
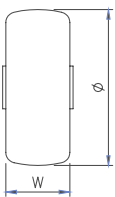
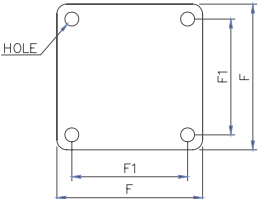
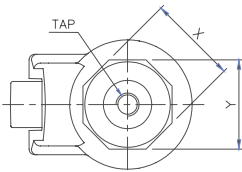
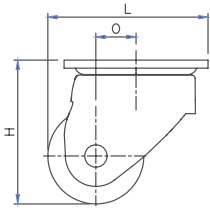


NO.	재질	표면처리
① 상판(Top Plate)	SPC/S45C	Powder Coated
② 강구(Ball)	STB2	Ni-Cr
③ 브레이크(Brake)	S45C	Zn Galvanized
④ 몸체(Body)	ALDC12	Ivory/Powder Coated
⑤ 핀(Pin)	Swrch10A/S45C	Zn Galvanized
⑥ 바퀴(Wheel)	PA6	Black

* Wheel option: Antistatic Poly Urethane & MC Nylon by order

규격 Dimension

Unit: mm

Model	자중 (Net Weight)													
		Kg	1EA	4EA	Ø	W	F	F1	Hole	Tap	X	Y	H	L
C04-1-60F	0.78	550	1,700	Ø60	55	90×90	70×70	Ø9	-	-	-	90	100	25
C04-1-60FB	0.92	550	1,700											
C04-1-60S	0.89	550	1,700	Ø60	55	-	-	-	M12(M16)	69	65	90	93.5	25
C04-1-60SB	0.93	550	1,700											
C04-1-75F	1.06	700	2,100	Ø75	55	90×90	70×70	Ø9	-	-	-	108	107.5	25
C04-1-75FB	1.1	700	2,100											
C04-1-75S	1.24	700	2,100	Ø75	55	-	-	-	M12(M16)	69	65	108	101	25
C04-1-75SB	1.28	700	2,100											
C04-1-75F-11	1.08	700	2,100	Ø75	55	95×95	70×70	Ø11	-	-	-	108	110	25

* By order made: C04-1-75F-11(wide plate)

C05-1 Series

저상형 캐스터
Low height caster

· 허용하중(Allowable load):	1200~1500Kg/4ea
· 사용온도(Temperature):	-10~90°C



표기법

Ordering Code

C05

Caster Series

1

Function No.

63

Serial Number

SF

SF : Swivel Flange
RF: Rigid Flange

B

B : Brake



특징

Features

- ① 저상형 캐스터
Low height caster
- ② 베어링사용, 회전성/구름성 우수
Use of bearings, excellent rotational/clouds
- ③ 중, 고하중용
For medium and high loads

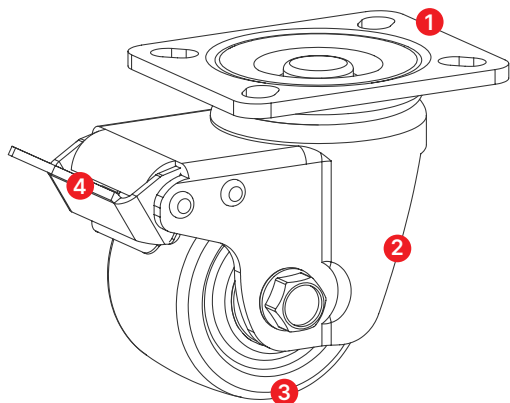
용도

Application

- ① 반도체/디스플레이 제조장비
Semiconductor/display equipment
- ② 통신장비 및 금융기기
Communication and financial equipment
- ③ 생산설비 및 운반장비
Production and Transportation Equipment

재질 & 표면처리

Material & Treatment



NO.	재질	표면처리
① 상판(Top Plate)	SPC	Black Coated
② 몸체(Body)	SPC	Black Coated
③ 바퀴(Wheel)	HDP	Black
④ 브레이크(Brake)	ABS	Black

규격

Dimension

Unit: mm

Model	자중 (Net Weight)	Kg		Ø		F				L		
		1EA	4EA	Ø	W	F	F1	F2	Slot Hole	H	L	O
C05-1-63RF	0.96	400	1,200	Ø63	50	107*82	80×60	73×53	Ø11×16L	96	107	
C05-1-63SF	1.2										111.5	26.5
C05-1-63SFB	1.5										152	26.5
C05-1-75RF	1.03	500	1,500	Ø75	50	107*82	80×60	73×53	Ø11×16L	108	107	
C05-1-75SF	1.36										121.5	30.5
C05-1-75SFB	1.66										162	30.5

C06-1 Series

저상형 캐스터
Low height caster

· 허용하중(Allowable load):	1500~1800Kg/4ea
· 사용온도(Temperature):	-10~90°C



표기법

Ordering Code

C06

Caster Series

1

Function No.

60

Serial Number

SF

SF : Swivel Flange
RF: Rigid Flange
SS : Swivel Stem



특징

Features

- 1 저상형 캐스터, 볼베어링 사용
Low height caster, Use ball bearings
- 2 무소음, 무유격
Noiselessness
- 3 회전력 극대화
Maximize rotational force

용도

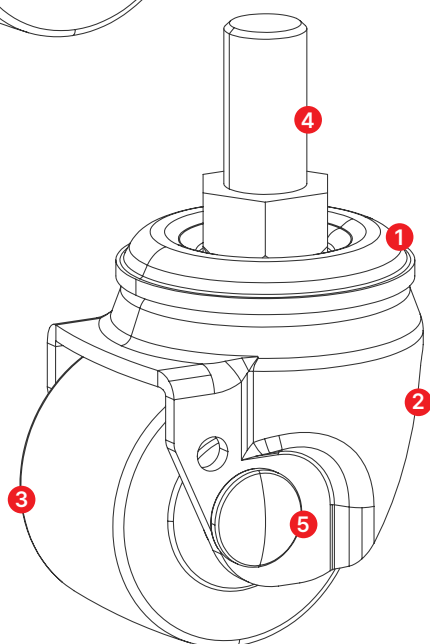
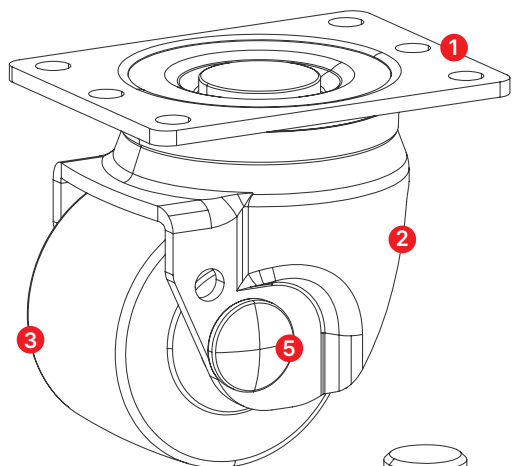
Application

- 1 고하중 장비
High-load equipment
- 2 각종 고하중 운반구
A variety of high-load transporters

재질 & 표면처리

Material & Treatment

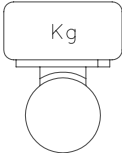
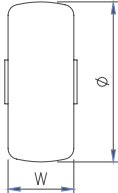
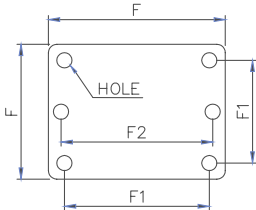
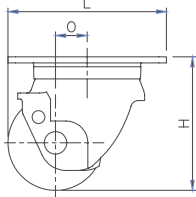
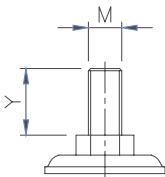
NO.	재질	표면처리
① 상판(Top Plate)	SPC	Zn Galvanized
② 몸체(Body)	SPC	Zn Galvanized
③ 바퀴(Wheel)	POK	Black
④ 볼트(Bolt)	S45C	Zn Galvanized
⑤ 핀(Pin)	Swrch10A/S45C	Zn Galvanized



규격

Dimension

Unit: mm

Model	자중 (Net Weight)													
		kg	1EA	4EA	Ø	W	F	F1	F2	Hole	H	L	O	M
C06-1-60RF	0.66	500	1500	Ø60	48	105×80	86×61	90	Ø9	87	105	-	-	-
C06-1-60SF	1.1	500	1500									21	-	-
C06-1-60SS	1.2	500	1500									21	M20	40
C06-1-70RF	0.7	600	1800	Ø70	48	105×80	86×61	90	Ø9	97	105	-	-	-
C06-1-70SF	1.2	600	1800								108.5	21	-	-
C06-1-70SS	1.3	600	1800								-	21	M20	40

C07-1 Series

회전반경 최적화
Optimizing the radius of rotation

· 허용하중(Allowable load): 1800~3240Kg/4ea

· 사용온도(Temperature): -10~90°C

표기법

Ordering Code

C07

Caster Series

1

Function No.

75

Serial Number

SF

SF : Swivel Flange



특징

Features

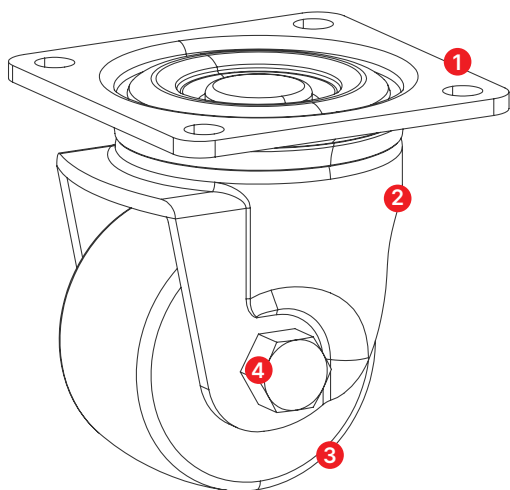
- ① 저상형 캐스터
Low height caster
- ② 이중 베어링 사용
Use double bearings
- ③ 회전반경 최적화
Optimizing the radius of rotation

용도

Application

- ① 병원용 고급장비
Advanced equipment for hospitals
- ② 컴퓨터 주변기기 및 전산기기
Computer Peripherals and devices equipment
- ③ 첨단 기계장비 및 운반장비
Mechanical and Transportation equipment

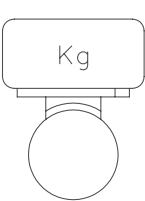
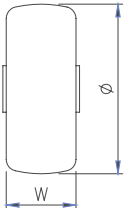
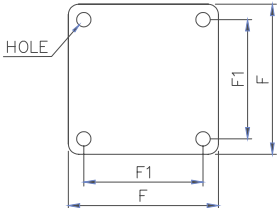
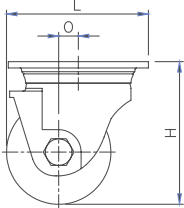
재질 & 표면처리 Material & Treatment



NO.	재질	표면처리
① 상판(Top Plate)	SPC	Zn Galvanized
② 몸체(Body)	SPC	Zn Galvanized
③ 바퀴(Wheel)	M/C Nylon	Black
④ 볼트(Bolt)	Swrch10A/S45C	Zn Galvanized

규격 Dimension

Unit: mm

Model	자중 (Net Weght)										
		Kg	1EA	4EA	Ø	W	F	F1	Hole	H	L
C07-1-50SF	1.16	600	1800	Ø50	38	84 × 84	64 × 64	Ø8.5	79	84	12
C07-1-65SF	1.42	600	1800	Ø65	48	100 × 100	78 × 78	Ø10.5	97	100	14
C07-1-75SF	1.62	720	2160	Ø75	48	100 × 100	78 × 78	Ø10.5	107	101.5	14
C07-1-100SF	2.38	1080	3240	Ø100	48	150 × 110	121 × 59	Ø13	140	150	20

C08-1 Series

중하중 캐스터
Medium-loads Caster

· 허용하중(Allowable load):	750~900Kg/4ea
· 사용온도(Temperture):	-10~90°C

표기법

Ordering Code

C08

Caster Series

1

Function No.

8030

Serial Number

F

F : Flange



특징

Features

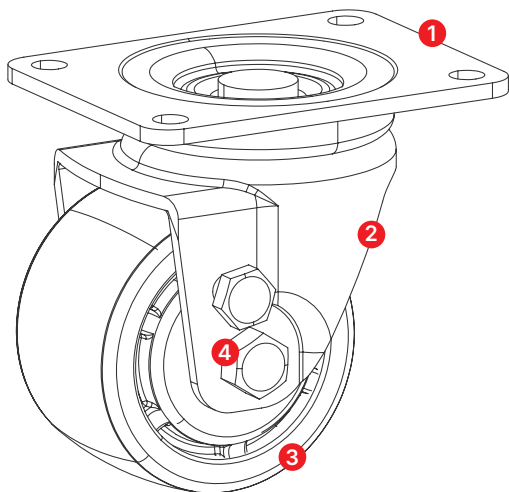
- ① 저상형 캐스터
Low height caster
- ② 이중 베어링 사용
Use double bearings
- ③ 회전력 극대화
Maximize rotational force

용도

Application

- ① 병원용 고급장비
Advanced equipment for hospitals
- ② 컴퓨터 주변기기 및 전산기기
Computer Peripherals and devices equipment
- ③ 첨단 기계장비 및 운반장비
Mechanical and Transportation equipment

재질 & 표면처리 Material & Treatment



NO.	재질	표면처리
① 상판(Top Plate)	SPC	Zn Galvanized
② 몸체(Body)	SPC	Zn Galvanized
③ 바퀴(Wheel)	HDP	Black
④ 볼트(Bolt)	Swrch10A/S45C	Zn Galvanized

규격 Dimension

Unit: mm

Model	자중 (Net Weght)	Kg		Ø		HOLE			H		
		1EA	4EA	Ø	W	F	F1	Hole	H	L	O
C08-1-8030F	1.05	250	750	Ø76	47	105×80	85.5×60.5	Ø9	103	111.5	21
C08-1-8040F	1.25	300	900	Ø102	47	105×80	85.5×60.5	Ø9	130	130.5	27

C09-1 Series

중하중/저소음 캐스터

Medium loads/Low noise Caster

· 허용하중(Allowable load): 900~1050Kg/4ea

· 사용온도(Temperature): -10~90°C

표기법

Ordering Code

C09

Caster Series

1

Function No.

100

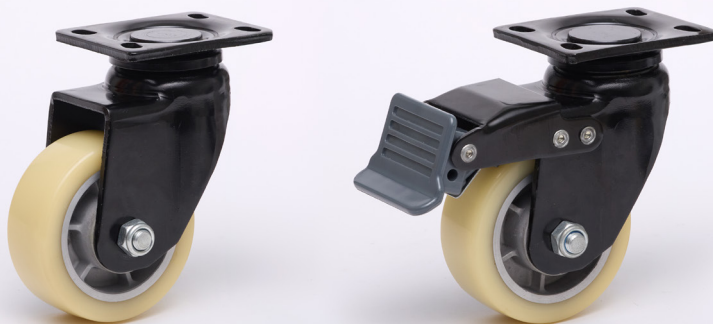
Serial Number

SF

SF : Sivel Flange
RF : Rigid Flange

B

B : Brake



특징

Features

① 저소음, 저마찰

Low noise, low friction

② 중, 고하중용

For medium and high loads

③ 선회력 우수

Excellent turning power

용도

Application

① 공정간 이송대차

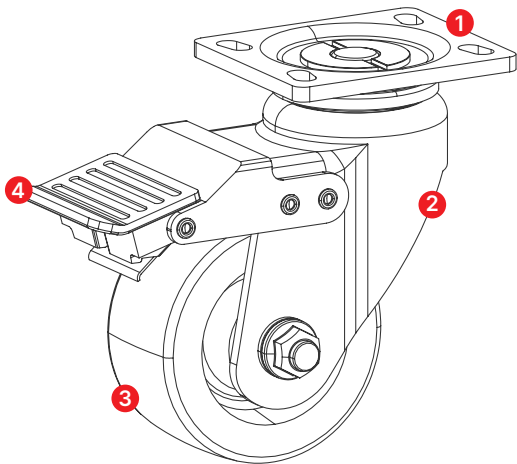
Transfer loan between processes

② 각종 운반대차

A variety of cartwheels

재질 & 표면처리

Material & Treatment

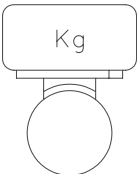
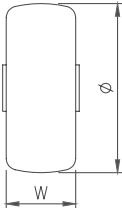
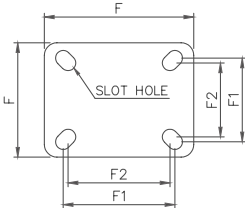
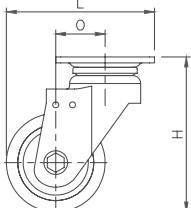


NO.	재질	표면처리
① 상판(Top Plate)	SPC	Black Coated
② 몸체(Body)	SPC	Black Coated
③ 바퀴(Wheel)	Poly Urethane+AL	-
④ 브레이크(Brake)	ABS	-

규격

Dimension

Unit: mm

Model	자중 (Net Weight)													
	kg	1EA	4EA	Ø	W	F	F1	F2	Slot Hole	H	L	O		
C09-1-100RF-U	2.5	300	900	Ø100	40	100×85	80×60	77×45	Ø9×17L	157	100	-		
C09-1-100SF-U	2.5										150	50		
C09-1-100SFB-U	2.85										186	50		
C09-1-130RF-U	2.6	320	960	Ø130						186	130	-		
C09-1-130SF-U	2.6											165	50	
C09-1-130SFB-U	3											203	50	
C09-1-150RF-U	2.8	350	1050	Ø150							206	150	-	
C09-1-150SF-U	2.8												175	50
C09-1-150SFB-U	3.2												203	50



C10-1 Series

고하중 캐스터
High-loads caster

· 허용하중(Allowable load):	1200~2400Kg/4ea
· 사용온도(Temperture):	-10~90°C

표기법

Ordering Code

C10

Caster Series

1

Function No.

75

Serial Number

SF

SF : Swivel Flange
RF : Rigid Flange

M

M : MC Nylon
U : P/Urethane



특징

Features

- 1 구름성, 선회력 우수
Excellent rotational roll, turning power
- 2 저소음, 저마찰성
Low noise, low friction
- 3 고하중용 캐스터
High-load caster

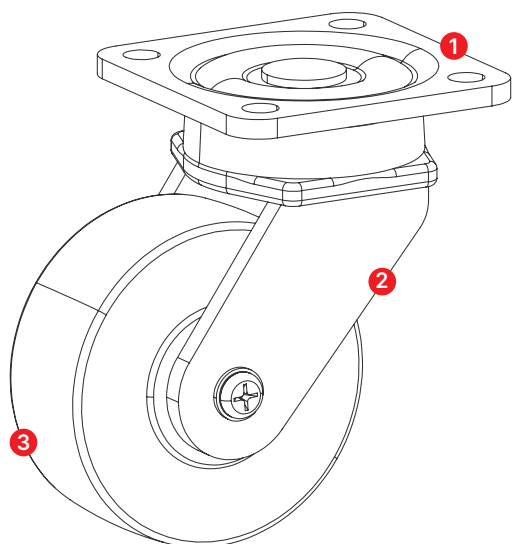
용도

Application

- 1 반도체 제조장비
Semiconductor equipment
- 2 이화학기기, 실험장비
Chemical instrument, tests equipment
- 3 각종 운반대차
A variety of cartwheels

재질 & 표면처리

Material & Treatment

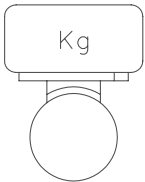
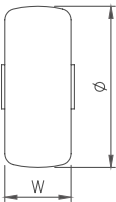
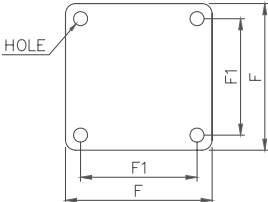
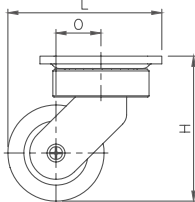


NO.	재질	표면처리
① 상판(Top Plate)	SPC	Black Coated
② 몸체(Body)	S45C	Black Coated
③ 바퀴(Wheel)	MC Nylon	Ivory or Blue
	Poly Urethane+AL	-

규격

Dimension

Unit: mm

Model	자중 (Net Weght)																			
	kg	1EA	4EA	Ø	W	F	F1	Hole	H	L	O									
C10-1-75RF-M	1.2	650	1950	Ø75	48	95×95	70×70	Ø11	113	95	-									
C10-1-75SF-M	1.7				119					34										
C10-1-75RF-U	1.3	400	1200		40					95	-									
C10-1-75SF-U	1.8									119	34									
C10-1-100RF-M	1.4	700	2100	Ø100	48				95×95	70×70	Ø11	138	100	-						
C10-1-100SF-M	1.9				137								39.5							
C10-1-100RF-U	1.6	450	1350		40								100	-						
C10-1-100SF-U	2.2												137	39.5						
C10-1-125RF-M	1.6	750	2250	Ø125	48							95×95	70×70	Ø11	162.5	125	-			
C10-1-125SF-M	2.2				154.5											44.5				
C10-1-125RF-U	1.7	500	1500		40											125	-			
C10-1-125SF-U	2.3															154.5	44.5			
C10-1-150RF-M	1.9	800	2400	Ø150	48										95×95	70×70	Ø11	185	150	-
C10-1-150SF-M	2.4				170.5														48	
C10-1-150RF-U	2	550	1650		40														150	-
C10-1-150SF-U	2.5																		170.5	48

C11-1 Series

고하중 캐스터
High-loads caster

· 허용하중(Allowable load):	1500~2700Kg/4ea
· 사용온도(Temperture):	-10~90°C

표기법

Ordering Code

C11

Caster Series

1

Function No.

80

Serial Number

SF

SF : Swivel Flange
RF : Rigid Flange
SFB : SF + Brake

M

M : MC Nylon
U : P/Urethane



특징

Features

- ① 저소음, 저마찰성
Low noise, low friction
- ② 고하중 사용에도 안정적 주행
Stable driving for high load use
- ③ 고하중용 캐스터
High-load caster

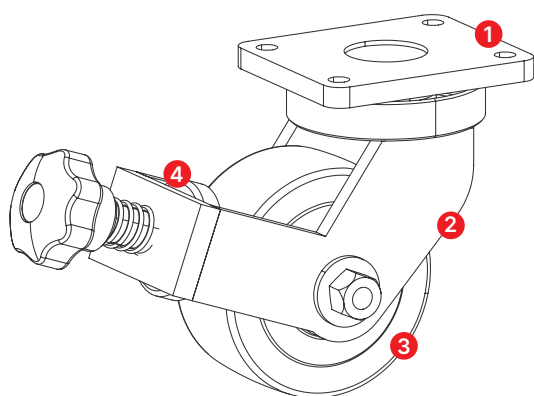
용도

Application

- ① 고하중 반도체 제조장비
High-load semiconductor equipment
- ② 이화학기기, 실험장비
Chemical instrument, tests equipment
- ③ 고하중 운반차, 이동장비
High-load carrier, mobile equipment

재질 & 표면처리

Material & Treatment

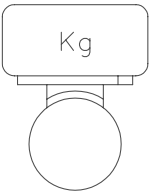
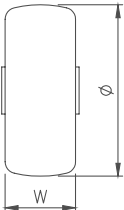
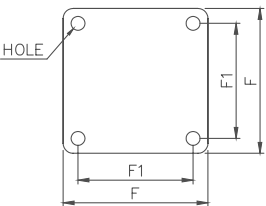
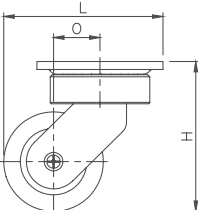


NO.	재질	표면처리
① 상판(Top Plate)	S45C	Black Coated
② 몸체(Body)	S45C	Black Coated
③ 바퀴(Wheel)	MC Nylon	Ivory or Blue
	Poly Urethane+AL	-
④ 브레이크(Brake)	TPE	-

규격

Dimension

Unit: mm

Model	자중 (Net Weght)													
	kg	1EA	4EA	Ø	W	F	F1	Hole	H	L	O			
C11-1-80RF-M	1.8	800	2400	Ø80	48	100×85	80×60	Ø9	120	100	-			
C11-1-80SF-M	2.5									130	40			
C11-1-80SFB-M	3.5									182				
C11-1-80RF-U	1.9	500	1500							100	-			
C11-1-80SF-U	2.6									130	40			
C11-1-80SFB-U	3.6									182				
C11-1-100RF-M	2.1	900	2700	Ø100	48				100×85	80×60	Ø9	140	100	-
C11-1-100SF-M	2.5												140	40
C11-1-100SFB-M	3.7												192	
C11-1-100RF-U	2.2	600	1800										100	-
C11-1-100SF-U	2.7												140	40
C11-1-100SFB-U	3.9												192	

C11-1 Series

고하중 캐스터
High-loads caster

· 허용하중(Allowable load):	3000~7500Kg/4ea
· 사용온도(Temperture):	-10~90°C

표기법

Ordering Code

C11

Caster Series

1

Function No.

150

Serial Number

SF

SF : Swivel Flange
RF : Rigid Flange
SFB : SF + Brake

M

M : MC Nylon
U : P/Urethane



특징

Features

- ① 저소음, 저마찰성
Low noise, low friction
- ② 고하중 사용에도 안정적 주행
Stable driving for high load use
- ③ 고하중용 캐스터
High-load caster

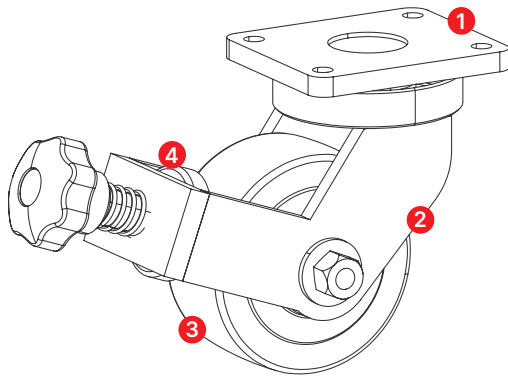
용도

Application

- ① 고하중 반도체 제조장비
High-load semiconductor equipment
- ② 이화학기기, 실험장비
Chemical instrument, tests equipment
- ③ 고하중 운반차, 이동장비
High-load carrier, mobile equipment

재질 & 표면처리

Material & Treatment

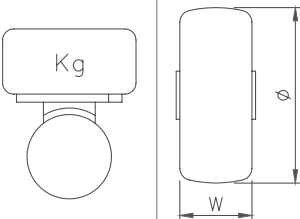
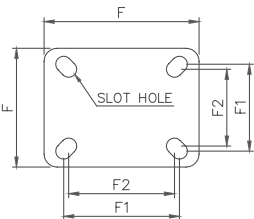
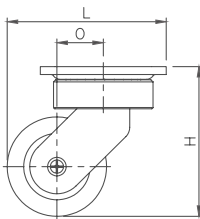


NO.	재질	표면처리
① 상판(Top Plate)	S45C	Black Coated
② 몸체(Body)	S45C	Black Coated
③ 바퀴(Wheel)	MC Nylon	Ivory or Blue
	Poly Urethane+AL	-
④ 브레이크(Brake)	TPE	-

규격

Dimension

Unit: mm

Model	자중 (Net Weight)												
		kg	1EA	4EA	Ø	W	F	F1	F2	Slot Hole	H	L	O
C11-1-125RF-M	5.5	1500	4500	Ø125	70	175×140	148×111	132x99	Ø14×24L	170	175	-	
C11-1-125SF-M	9										227.5	77.5	
C11-1-125SFB-M	10										290		
C11-1-125RF-U	6	1000	3000	68	175						-		
C11-1-125SF-U	9.5										227.5	77.5	
C11-1-125SFB-U	10.5										290		
C11-1-150RF-M	6.1	2000	6000	Ø150						70	200	175	-
C11-1-150SF-M	9.6											242.5	80
C11-1-150SFB-M	10.6											294	
C11-1-150RF-U	7	1400	4200	68	224					175		-	
C11-1-150SF-U	10.5									210.5		48	
C11-1-150SFB-U	11.4									267			
C11-1-200RF-M	7.5	2500	7500	Ø200	70					260		200	-
C11-1-200SF-M	11											262.5	75
C11-1-200SFB-M	12											311	
C11-1-200RF-U	9.6	1800	5400	68	275					200	-		
C11-1-200SF-U	13.1									247.5	60		
C11-1-200SFB-U	14.1									296			

C12-1 Series

고하중 캐스터
High-loads caster

· 허용하중(Allowable load):	2400~6900Kg/4ea
· 사용온도(Temperture):	-10~90°C



표기법

Ordering Code

C12

Caster Series

1

Function No.

75

Serial Number

SF

SF : Swivel Flange
RF : Rigid Flange

M

M : MC Nylon
U : P/Urethane



특징

Features

- ① 저소음, 저마찰성
Low noise, low friction
- ② 트윈휠, 선회력 우수
Twin wheels, Excellent turning power
- ③ 고하중용 캐스터
High-load caster

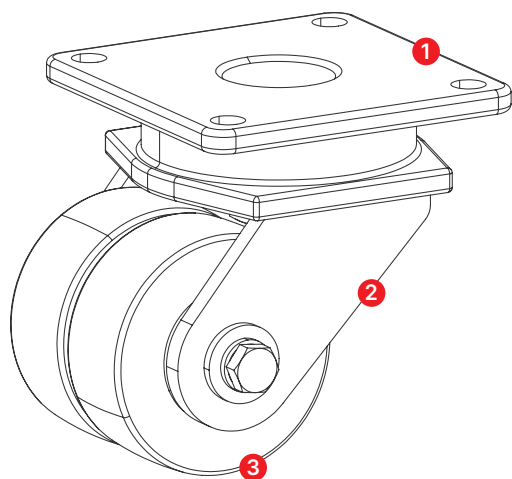
용도

Application

- ① 높이 제한이 있는 고하중장비 Limited
Height High Load Equipment
- ② 고하중 운반차, 이동장비
High-load carrier, mobile equipment

재질 & 표면처리

Material & Treatment

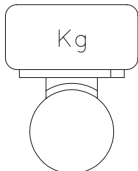
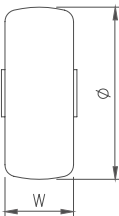
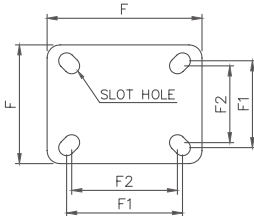
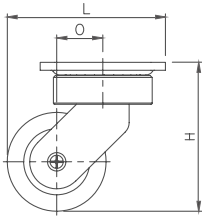


NO.	재질	표면처리
① 상판(Top Plate)	S45C	Black Coated
② 몸체(Body)	S45C	Black Coated
③ 바퀴(Wheel)	MC Nylon	Ivory or Blue
	Poly Urethane+AL	-

규격

Dimension

Unit: mm

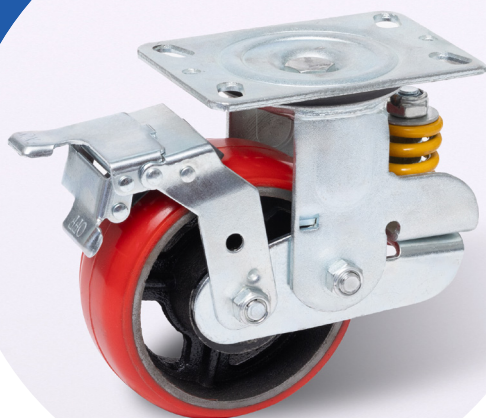
Model	자중 (Net Weght)											
	kg	1EA	4EA	Ø	W	F	F1	F2	Slot Hole	H	L	O
C12-1-75RF-M	3.7	1700	5100	Ø75	40×2	140×140	110×110	105x80	Ø13×28L (Slot hole)	125	140	-
C12-1-75SF-M	5.9										153	45
C12-1-75RF-U	3.9	800	2400								140	-
C12-1-75SF-U	6.1										153	45
C12-1-100RF-M	4.1	1900	5700	Ø100						150	140	-
C12-1-100SF-M	6.3										170	50
C12-1-100RF-U	4.4	1000	3000								140	-
C12-1-100SF-U	6.7										170	50
C12-1-125RF-M	4.5	2100	6300	Ø125						175	140	-
C12-1-125SF-M	6.7										188	55
C12-1-125RF-U	4.8	1200	3600								140	-
C12-1-125SF-U	7										188	55
C12-1-150RF-M	4.9	2300	6900	Ø150						200	150	-
C12-1-150SF-M	7.1										205	60
C12-1-150RF-U	5.3	1400	4200								150	-
C12-1-150SF-U	7.5										205	60

C13-1 Series

고하중 완충캐스터

High loads shock absorber caster

· 허용하중(Allowable load):	1350Kg/4ea
· 사용온도(Temperature):	-10~90°C



표기법

Ordering Code

C13

Caster Series

1

Function No.

150

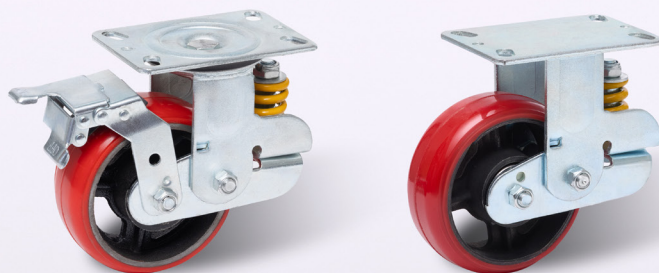
Serial Number

SF

SF : Swivel Flange
RF : Rigid Flange

B

B : Brake



특징

Features

- 1 완충캐스터
Shock absorber caster
- 2 광폭휠 사용
Use a wide wheel
- 3 일체형 요크로 내구성 강화
All-in-one Yoke for enhanced durability

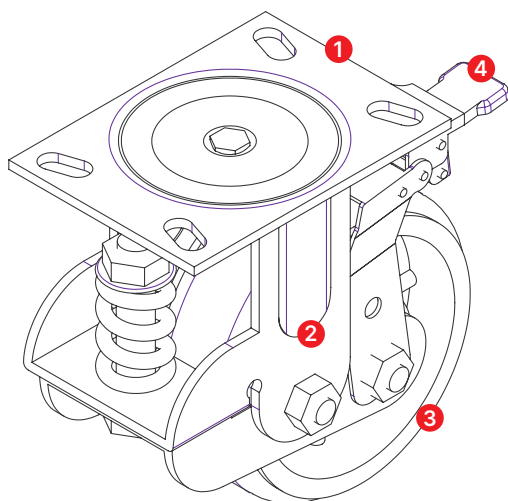
용도

Application

- 1 완충을 요하는 운반대차
Shock absorbing carts
- 2 자동차 부품 운반구
Automobile part carrier

재질 & 표면처리

Material & Treatment



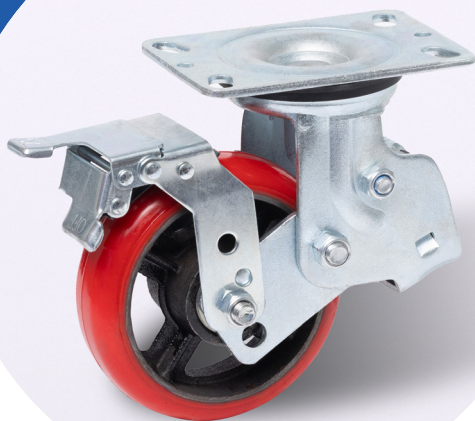
NO.	재질	표면처리
① 상판(Top Plate)	SPC	Zn Galvanized
② 몸체(Body)	SPC	Zn Galvanized
③ 바퀴(Wheel)	Poly Urethane + Iron Core	Red
④ 브레이크(Brake)	SPC	Zn Galvanized

규격

Dimension

Unit: mm

Model	자중 (Net Weght)	Kg		Ø		F				H		
	Kg	1EA	4EA	Ø	W	F	F1	F2	Slot Hole	H	I	O
C13-1-150RF	5.1	450	1,350	Ø152	60	158*114	133*86	125*62	Ø13*25L	200	12	125
C13-1-150SF	5.6											
C13-1-150SFB	6											



C14-1 Series

무소음 완충캐스터

Noise-Free shock absorber caster

· 허용하중(Allowable load):	1050Kg/4ea
· 사용온도(Temperature):	-10~90°C

표기법

Ordering Code

C14

Caster Series

1

Function No.

150

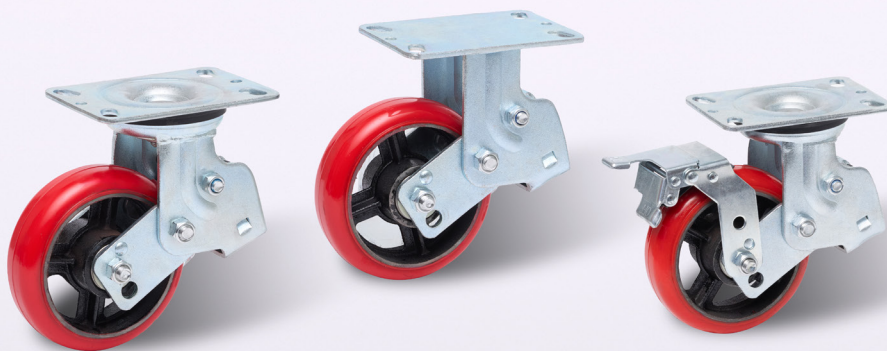
Serial Number

SF

SF : Swivel Flange
RF : Rigid Flange

B

B : Brake



특징

Features

- 1 무소음 완충캐스터
Noise-Free shock absorber caster
- 2 스러스트 베어링 사용
Use thrust bearings
- 3 일체형 요크로 내구성 강화
All-in-one Yoke for enhanced durability

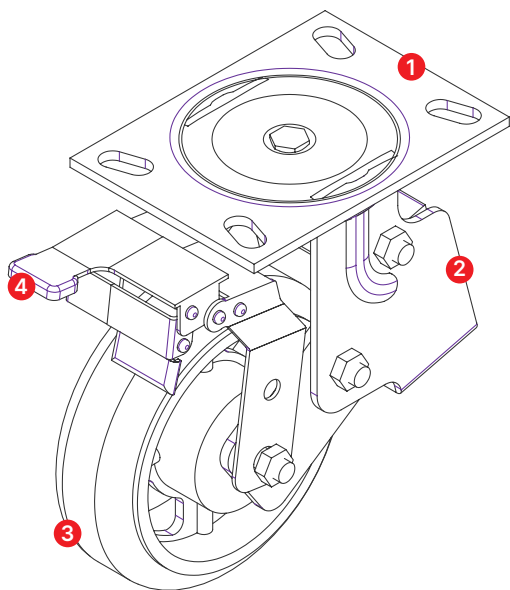
용도

Application

- 1 완충을 요하는 운반대차
Shock absorbing carts
- 2 자동차 부품 운반구
Automobile part carrier

재질 & 표면처리

Material & Treatment



NO.	재질	표면처리
① 상판(Top Plate)	SPC	Zn Galvanized
② 몸체(Body)	SPC	Zn Galvanized
③ 바퀴(Wheel)	Poly Urethane + Iron Core	Red
④ 브레이크(Brake)	SPC	Zn Galvanized

규격

Dimension

Unit: mm

Model	자중 (Net Weght)	Kg		Ø		F				H		
		1EA	4EA	Ø	W	F	F1	F2	Slot Hole	H	I	O
C14-1-150RF	4.2	350	1,050	Ø152	48	158*114	133×86	125×62	Ø13×25L	200	9.7	130
C14-1-150SF	4.8											
C14-1-150SFB	5.3											



C15-1 Series

충격흡수식 완충캐스터

Shock absorption buffer caster

· 허용하중(Allowable load):

270~1050Kg/4ea

· 사용온도(Temperature):

-10~90°C

표기법

Ordering Code

C15

Caster Series

1

Function No.

100

Serial Number

SF

SF : Swivel Flange
RF : Rigid Flange

B

B : Brake



특징

Features

- 1 충격흡수식 완충캐스터
Shock absorption buffer caster
- 2 무소음
Noiselessness
- 3 경하중에서도 충격흡수 가능
Shock absorption at low loads

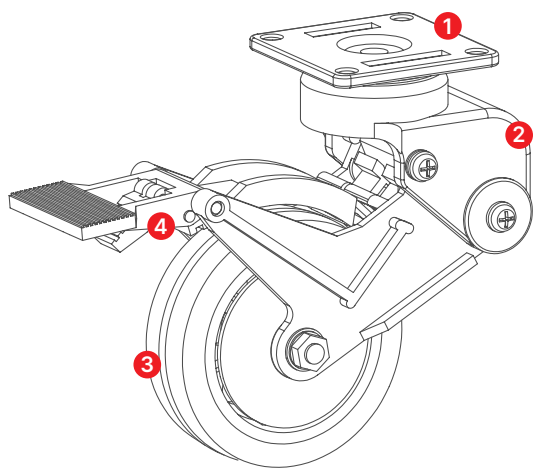
용도

Application

- 1 완충을 요하는 운반대차
Shock absorbing carts
- 2 호텔 및 주방용 대차
Hotel and kitchen carrier
- 3 크린룸 장비 및 대차
Cleanroom Equipment and moving carrier

재질 & 표면처리

Material & Treatment



NO.	재질	표면처리
① 상판(Top Plate)	SPC	Khaki Coated
② 몸체(Body)	ALDC12	Ivory/Power Coated
③ 바퀴(Wheel)	Poly Urethane+AL	Black
④ 브레이크(Brake)	ABS	-

규격

Dimension

Unit: mm

Model	자중 (Net Weight)	Kg		Ø		HOLE			H		
	Kg	1EA	4EA	Ø	W	F	F1	Hole	H	L	O
C15-1-75RF	1	90	270	Ø75	30	73×73	58×58	Ø7	130~115	126.5~130.5	35~39
C15-1-75SF	1			Ø75							
C15-1-100RF	1.2	100	300	Ø100					160~140	149~157	45~53
C15-1-100SF	1.2			Ø100						199~191	
C15-1-100SFB	1.45			Ø100							
C15-1-125RF	1.4	100	300	Ø125					187~167	161.5~172.5	45~54
C15-1-125SF	1.4			Ø125						199~191	
C15-1-125SFB	1.7			Ø125							
C15-1-130RF	3	350	1050	Ø130	40	95×95	70×70	Ø11	200~170	171~181	36~50
C15-1-130SF	3			Ø130						224~205.5	
C15-1-130SFB	3.4			Ø130							
C15-1-150RF	3.2	350	1050	Ø150					230~200	180~196.5	36~50
C15-1-150SF	3.2			Ø150						248~219.5	
C15-1-150SFB	3.7			Ø150							
C15-1-200RF	3.5	350	1050	Ø200					270~235	224~244	55~76
C15-1-200SF	3.5			Ø200						282~260	
C15-1-200SFB	4.2			Ø200							



C16-1/2 Series

C16-1: Steel / **C16-2: SUS**

경량형 정밀우레탄

Light loads Precision polyurethane

· 허용하중(Allowable load):	60~135Kg/4ea
· 사용온도(Temperature):	-10~90°C

표기법

Ordering Code

C16

Caster Series

1/2

Function No.

1 : Steel

2 : SUS

76

Serial Number

SF

SF : Swivel Flange

RF : Rigid Flange

SS : Swivel Stem

B

B : Brake



특징

Features

- ① 무소음, 바닥손상이 없음
No noise, no floor damage
- ② 이중 Ball race way 구조
Double ball race way construction
- ③ 구름성, 선회력 우수
Excellent rotational roll, turning power

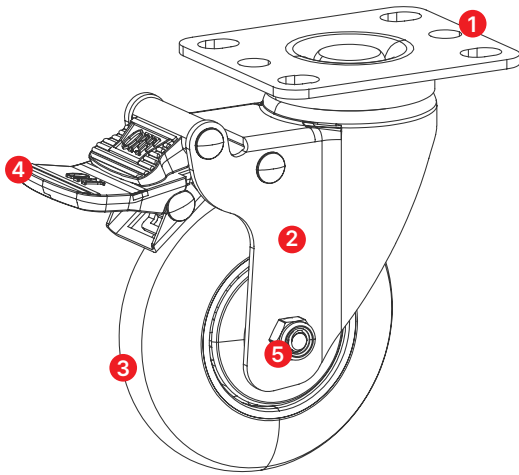
용도

Application

- ① 경량형 운반대 및 카트
Lightweight transporter and cart
- ② 의료기기 및 병원용 침대
Bed for medical equipment and hospital

재질 & 표면처리

Material & Treatment



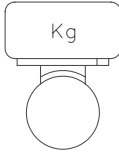
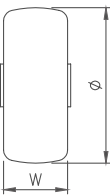
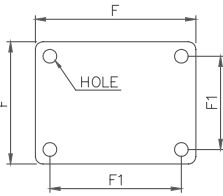
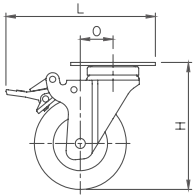
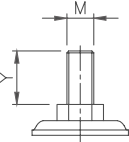
NO.	재질	표면처리
① 상판(Top Plate)	SPC (SUS)	Zn Galvanized (-)
② 몸체(Body)	SPC (SUS)	Zn Galvanized (-)
③ 바퀴(Wheel)	Poly Urethane + PC	Transparent
④ 브레이크(Brake)	TPA	Light Gray
⑤ 핀(Pin)	Swrch10A/S45C (SUS)	Zn Galvanized (-)

규격

Dimension

C16-1: Steel / C16-2 : SUS

Unit: mm

Model	자중 (Net Weght)														
	Kg	1EA	4EA	Ø	W	F	F1	Hole	H	L	O	M	Y		
C16-1(2)-40SF	0.1	20	60	Ø40	18	45×38	34×27	Ø5.2	53.5	62.5	20	-	-		
C16-1(2)-40SFB	0.11									83.5	20				
C16-1(2)-40RF	0.08									45	-				
C16-1(2)-40SS	0.09					55.5	56	20	M8	15					
C16-1(2)-40SSB	0.1						77	20							
C16-1(2)-50SF	0.11	25	75	Ø50	18	45×38	34×27	Ø5.2			64.5	67.5	20	-	-
C16-1(2)-50SFB	0.12											86.5	20		
C16-1(2)-50RF	0.08											50	-		
C16-1(2)-50SS	0.1					66.5	60.5	20	M8	15					
C16-1(2)-50SSB	0.11						80	20							
C16-1(2)-64SF	0.37	30	90	Ø63.5	23	70×58	53×40	Ø8×11 (slot hole)			90.5	93	26.5	-	-
C16-1(2)-64SFB	0.43											124.5	26.5		
C16-1(2)-64RF	0.22											70	-		
C16-1(2)-64SS	0.33					95	80.5	26.5	M12	25					
C16-1(2)-64SSB	0.39						111.5	26.5							
C16-1(2)-76SF	0.41	35	105	Ø76	23	70×58	53×40	Ø8×11 (slot hole)			105	100	27	-	-
C16-1(2)-76SFB	0.46											124.5	27		
C16-1(2)-76RF	0.25											76	-		
C16-1(2)-76SS	0.37					109.6	88.2	27	M12	25					
C16-1(2)-76SSB	0.43						111.5	27							
C16-1(2)-100SF	0.51	40	120	Ø98	23	70×58	53×40	Ø8×11 (slot hole)			127	111	27	-	-
C16-1(2)-100SFB	0.57											132.8	27		
C16-1(2)-100RF	0.36											98	-		
C16-1(2)-100SS	0.48					131.6	98.2	27	M12	25					
C16-1(2)-100SSB	0.53						120	27							
C16-1(2)-125SF	0.61	45	135	Ø123	23	70×58	53×40	Ø8×11 (slot hole)			155	124	27.5	-	-
C16-1(2)-125SFB	0.68											132.8	27.5		
C16-1(2)-125RF	0.48											123	-		
C16-1(2)-125SS	0.58					159.6	123	27.5	M12	25					
C16-1(2)-125SSB	0.65						131.8	27.5							

C17-1/2 Series

C17-1: Steel / C17-2: SUS

경하중 정밀우레탄
Light loads Precision polyurethane

· 허용하중(Allowable load):	300~390Kg/4ea
· 사용온도(Temperature):	-10~90°C



표기법

Ordering Code

C17

Caster Series

1/2

Function No.

1 : Steel

2 : SUS

100

Serial Number

SF

SF : Swivel Flange

RF : Rigid Flange

SS : Swivel Stem

B

B : Brake



특징

Features

- ① 무소음, 바닥손상이 없음
No noise, no floor damage
- ② 이중 Ball race way 구조
Double ball race way construction
- ③ 구름성, 선회력 우수
Excellent rotational roll, turning power

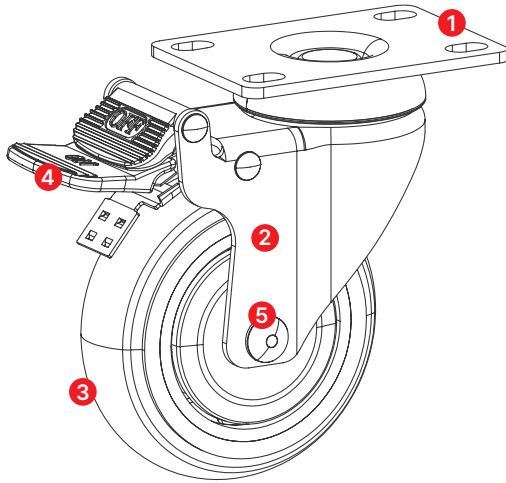
용도

Application

- ① 경량형 운반대 및 카트
Lightweight transporter and cart
- ② 의료기기 및 병원용 침대
Bed for medical equipment and hospital

재질 & 표면처리

Material & Treatment



NO.	재질	표면처리
① 상판(Top Plate)	SPC (SUS)	Zn Galvanized (-)
② 몸체(Body)	SPC (SUS)	Zn Galvanized (-)
③ 바퀴(Wheel)	Poly Urethane + PC	Transparent
④ 브레이크(Brake)	TPA	Light Gray
⑤ 핀(Pin)	Swrch10A/ S45C (SUS)	Zn Galvanized (-)

규격

Dimension

C17-1: Steel / C17-2: SUS

Unit: mm

Model	자중 (Net Weight)	Kg		Ø		HOLE			L			M	
		1EA	4EA	Ø	W	F	F1	Hole	H	L	O	M	Y
C17-1(2)-75SF	0.69	100	300	Ø75	34	95×65	73×44.5	Ø9×13 (slot hole)	108	125	40	-	-
C17-1(2)-75SFB	0.77									155	40		
C17-1(2)-75RF	0.48									95	-		
C17-1(2)-75SS	0.6								112.8	107.5	40	M12	30
C17-1(2)-75SSB	0.69									137.4	40		
C17-1(2)-100SF	0.82	110	330	Ø100	34	95×65	73×44.5	Ø9×13 (slot hole)	134	134	36.5	-	-
C17-1(2)-100SFB	0.9									154.4	36.5		
C17-1(2)-100RF	0.6									100	-		
C17-1(2)-100SS	0.72								138.8	116.5	36.5	M12	30
C17-1(2)-100SSB	0.8									137	36.5		
C17-1(2)-125SF	0.9	120	360	Ø125	34	95×65	73×44.5	Ø9×13 (slot hole)	158	148	38	-	-
C17-1(2)-125SFB	0.99									154.4	38		
C17-1(2)-125RF	0.69									125	-		
C17-1(2)-125SS	0.83								164.5	130.5	38	M16	30
C17-1(2)-125SSB	0.92									137	38		
C17-1(2)-150SF	1.1	130	390	Ø150	34	95×65	73×44.5	Ø9×13 (slot hole)	186	159.2	36.7	-	-
C17-1(2)-150SFB	1.3									159.2	36.7		
C17-1(2)-150RF	0.85									150	-		
C17-1(2)-150SS	0.95								192.8	150	36.7	M16	30
C17-1(2)-150SSB	1.1									150	36.7		

C18-1/2 Series

C18-1: Steel / C18-2: SUS

중하중 정밀우레탄
Medium loads Precision polyurethane

· 허용하중(Allowable load):	700~900Kg/4ea
· 사용온도(Temperature):	-10~90°C

표기법

Ordering Code

C18

Caster Series

1/2

Function No.
1 : Steel
2 : SUS

100

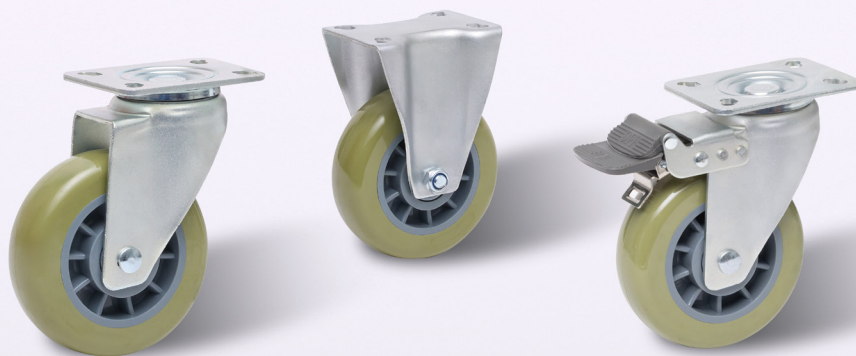
Serial Number

SF

SF : Swivel Flange
RF : Rigid Flange

B

B : Brake



특징

Features

- ① 무소음, 바닥손상이 없음
No noise, no floor damage
- ② 듀얼 브레이크 적용
Dual brake apply
- ③ 구름성, 선회력 우수
Excellent rotational roll, turning power

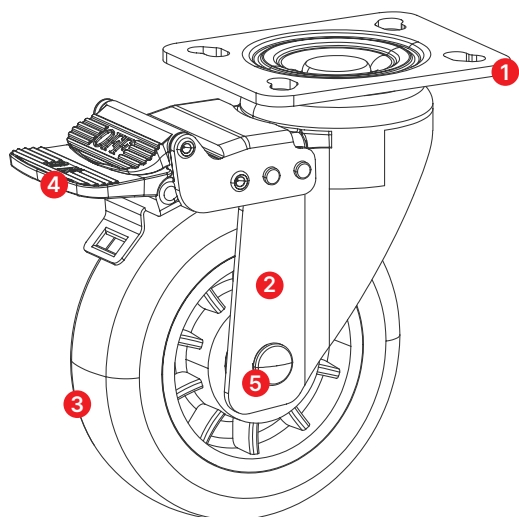
용도

Application

- ① 반도체/디스플레이 제조장비
Semiconductor/display equipment
- ② 식품 생산설비
Food production equipment
- ③ 다양한 산업용 운반구
A various industrial transports equipment

재질 & 표면처리

Material & Treatment



NO.	재질	표면처리
① 상판(Top Plate)	SPC (SUS)	Zn Galvanized (-)
② 강구(Ball)	SPC (SUS)	Zn Galvanized (-)
③ 바퀴(Wheel)	Poly Urethane + PC	Green
④ 브레이크(Brake)	TPA	Light Gray
⑤ 핀(Pin)	Swrch10A/S45C (SUS)	Zn Galvanized (-)

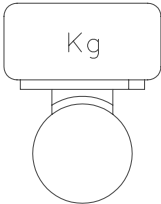
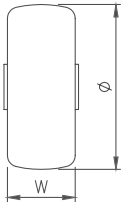
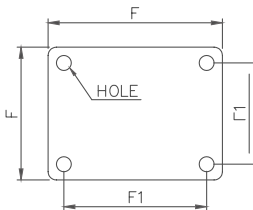
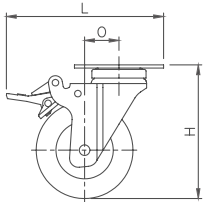
* Wheel option: - Poly Urethane + AL (Blue)
- NBR(WEU) + AL (Black)

규격

Dimension

C18-1: Steel / C18-2 : SUS

Unit: mm

Model	자중 (Net Weght)										
	Kg	1EA	4EA	Ø	W	F	F1	Hole	H	L	O
C18-1(2)-100SF	1.14	240	700	Ø100	40	105×85	80×60 74×45	Ø9×14 (slot hole)	139	151	48
C18-1(2)-100SFB	1.3									178.5	
C18-1(2)-100RF	0.8									105	-
C18-1(2)-125SF	1.27	270	800	Ø125	40	105×85	80×60 74×45	Ø9×14 (slot hole)	167.5	158	42.5
C18-1(2)-125SFB	1.44									178.5	
C18-1(2)-125RF	0.95									125	-
C18-1(2)-150SF	1.6	300	900	Ø150	40	105×85	80×60 74×45	Ø9×14 (slot hole)	191	164.5	36.5
C18-1(2)-150SFB	1.43									178.5	
C18-1(2)-150RF	1.1									150	-



C19-1 Series

정전기방지 고무 캐스터
Antistatic NBR caster

· 허용하중(Allowable load):	240~360Kg/4ea
· 사용온도(Temperture):	-10~90°C

표기법

Ordering Code

C19

Caster Series

1

Function No.

100

Serial Number

SF

SF : Swivel Flange
RF : Rigid Flange
SS : Swivel Stem

B

B : Brake



특징

Features

- 1 정전기방지 캐스터
Antistatic caster
- 2 이중 Ball race way 구조
Double ball race way construction
- 3 구름성, 선회력 우수
Excellent rotational roll, turning power

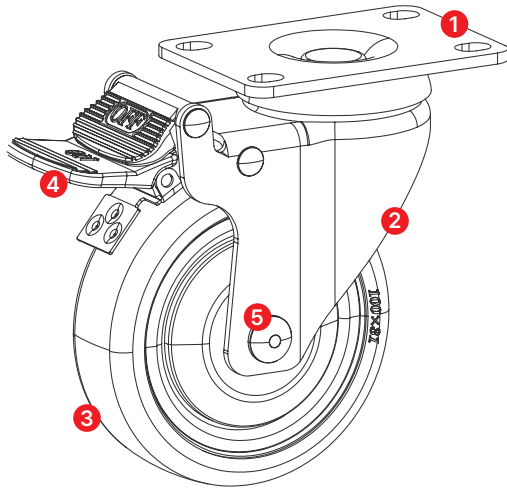
용도

Application

- 1 경하중 운반대 및 카트
Lightweight transporter and cart
- 2 의료기기 및 병원용 침대
Bed for medical equipment and hospital
- 3 대전방지가 필요한 운반구
Carrier requiring antistatic protection

재질 & 표면처리

Material & Treatment



NO.	재질	표면처리
① 상판(Top Plate)	SPC	Zn Galvanized
② 강구(Ball)	SPC	Zn Galvanized
③ 바퀴(Wheel)	NBR(WEU)	Black
④ 브레이크(Brake)	TPA	Light Gray
⑤ 핀(Pin)	Swrch10A/ S45C	Zn Galvanized

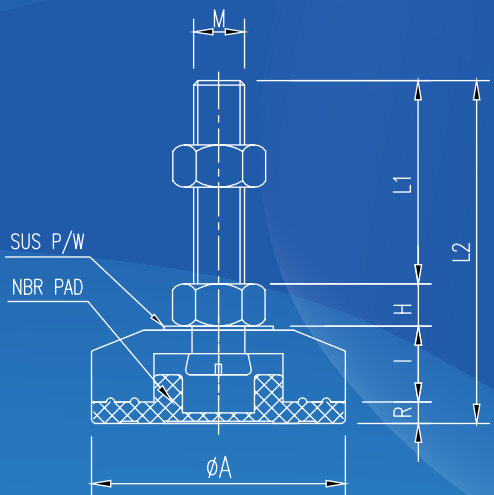
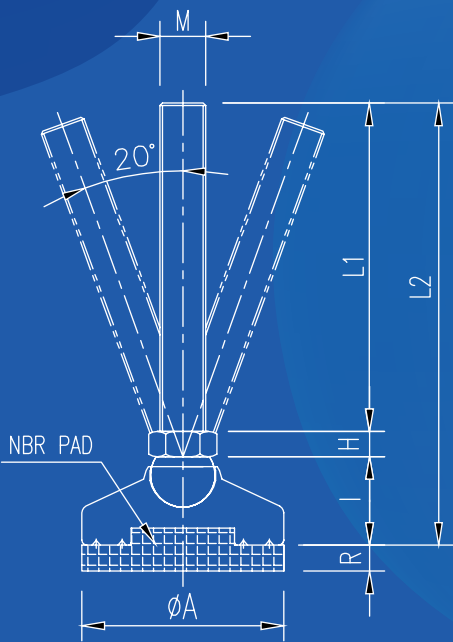
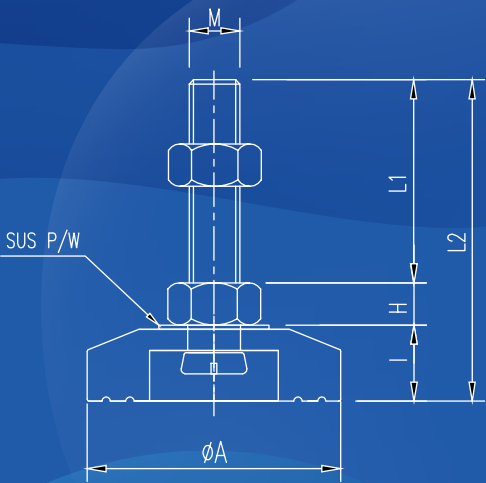
규격

Dimension

Unit: mm

Model	자중 (Net Weight)	Kg		Ø		F				H				
		1EA	4EA	Ø	W	F	F1	F2	Slot Hole	H	L	O	L	O
C19-1-75RF	0.57	80	240	Ø76	31	95×67	77×44	70.5×44	Ø9×12L	108		-	-	-
C19-1-75SF	0.81	80	240			92.5×64	76×44	73.5×44	Ø9×11.5L	108	77.5	40	-	-
C19-1-75SFB	0.88	80	240								107.37			
C19-1-75SS	0.72	80	240			-	-	-	-	110	77.5	40	M12	30
C19-1-75SSB	0.80	80	240			-	-	-	-		107.37			
C19-1-100RF	0.63	100	300	Ø100	31	95×67	77×44	70.5×44	Ø9×12L	132	100	-	-	-
C19-1-100SF	0.92	100	300			92.5×64	76×44	73.5×44	Ø9×11.5L	135	133.3	36.5	-	-
C19-1-100SFB	1.00	100	300								153.2			
C19-1-100SS	0.83	100	300			-	-	-	-	135	116.8	36.5	M12	30
C19-1-100SSB	0.92	100	300			-	-	-	-		136.8			
C19-1-125RF	0.89	120	360	Ø125	31	95×67	77×44	70.5×44	Ø9×12L	158		-	-	-
C19-1-125SF	1.1	120	360			92.5×64	76×44	73.5×44	Ø9×11.5L	158	100.5	38	-	-
C19-1-125SFB	1.18	120	360								107.37			
C19-1-125SS	1	120	360			-	-	-	-	160	100.5	38	M16	30
C19-1-125SSB	1.09	120	360			-	-	-	-		107.37			

FOOT





FOOT

F01-P/PS Series

경하중용 / Light load

제품특징 Feature

- 저가형, 경하중용 (Competitive price, Light load)

적용범위 Application

- 컨베이어, 공작기계, 경하중용 설비 (Conveyor, Construction machine, Light duty equipment)

규격 Dimension & Material

unit: mm

Model	Dimension (mm)						Road (Kg/ 4EA)	Material		Treatment		
	M	L1	L2	H	I	ØA		Bolt & Nut	Cup			
F01-P (Steel) F01-PS (SUS)	M6 × 1.0	40	55	6	9	Ø36	100	S10C SUS304	SPC SUS304	Ni Natural/PL		
	M8 × 1.25	40	55				200					
			80	95								
	M10 × 1.5	60	82	7			300					
			100				122					
	M12 × 1.75	70	93	8	15	Ø50	500					
			100								123	
			130								153	
			150								173	
	M12 × 1.75	70	93								600	
			100									123
			130									153
			150									173
	M16 × 2.0	50	75	10	15	Ø63	700					
			70								95	
			100								125	
			130								155	
		150	175									
	M16 × 2.0	50	77		17		Ø75				800	
			70									97
			100									127
			130	157								
			150	177								
			180	207								
			200	227								
			250	277								
		300	327									
	M20 × 2.5	100	130	13			1000					
			130								160	
			150								180	
		180	210									
		200	230									
		250	280									
	300	330										
M20 × 2.5	100	135	22			Ø95	1500					
		130						165				
		150						185				
		180						215				
		200						235				
		250						285				
	300	335										

* 기타 특수사양은 주문제작함 (Particular case is Made-To-Order)

F01-PR/PSR Series

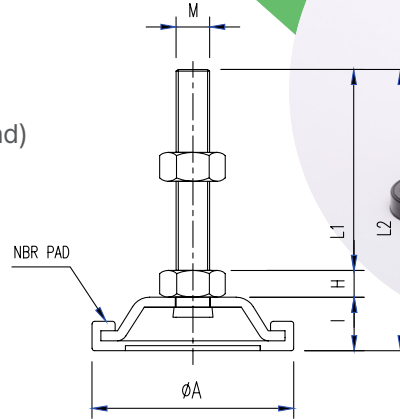
경하중용, 미끄럼 방지용 / Light load, Anti-slip

제품특징 Feature

- 경량용, 미끄럼 방지 패드 적용 (Light load, user anti-slip pad)

적용범위 Application

- 컨베이어, 공작기계, 경하중용 설비 (Conveyor, Construction machine, Light duty equipment)



규격 Dimension & Material

unit: mm

Model	Dimension (mm)						Road (Kg/ 4EA)	Material		Treatment		
	M	L1	L2	H	I	ØA		Bolt & Nut	Cup			
F01-PR (Steel) F01-PSR (SUS)	M6 × 1.0	40	59	6	13	Ø40	100	S10C SUS304	SPC SUS304	Ni Natural/PL		
	M8 × 1.25	40	59				200					
			80	99								
	M10 × 1.5	60	87	7			300					
			100				127					
	M12 × 1.75	70	98	8	17	Ø55	500					
			100								128	
			130								158	
			150								178	
	M12 × 1.75	70	99								600	
			100									129
			130									159
			150									179
	M16 × 2.0	50	81	10	21	Ø68	700					
			70								101	
			100								131	
			130								161	
		150	181		23	Ø80	800					
	M16 × 2.0	50	83									
			70								103	
			100								133	
			130	163								
			150	183								
			180	213								
			200	233								
			250	283								
		300	333	13			1000					
	M20 × 2.5	100	136									
			130								166	
			150								186	
			180								216	
			200								236	
		250	286									
	300	336										
M20 × 2.5	100	142		29	Ø100	1500						
		130					172					
		150					192					
		180					222					
		200					242					
		250					292					
	300	342										

* 기타 특수사양은 주문제작함 (Particular case is Made-To-Order)

FOOT

F02-L/LS Series

경하중용, 방진용 / Light load, Chshioning type

제품특징

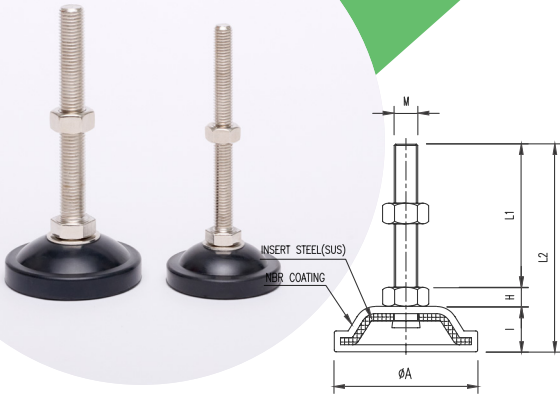
Feature

- 경하중, 방진용 (Light load, Chshioning type)

적용범위

Appliation

- 컨베이어, 공작기계, 경하중용 설비 (Conveyor, Construction machine, Light duty equipment)



규격

Dimension & Material

unit: mm

Model	Dimension (mm)						Road (Kg/ 4EA)	Material		Treatment	
	M	L1	L2	H	I	ØA		Bolt & Nut	Cup		
F02-L (Steel) F02-LS (SUS)	M6 × 1.0	40	62	6	16	Ø40	100	S10C SUS304	SPC SUS304	Ni Natural	
	M8 × 1.25	40	62				200				
		M10 × 1.5	80	102	7	24	Ø55				300
	M12 × 1.75		60	91							8
		100	131								
		75	108								
		100	133								
	M16 × 2.0	125	158	30	Ø82	800					
		150	183								
		50	90				10				1000
		75	115								
		100	140								
		130	170								
		150	190								
	180	220									
	200	240	13								
	250	290									
	M20 × 2.5	100				133	2000				
		130				163					
		150				183					
		180				213					
		200	233								
		250	283								

* 기타 특수사양은 주문제작함 (Particular case is Made-To-Order)

F03-PA/PAS Series

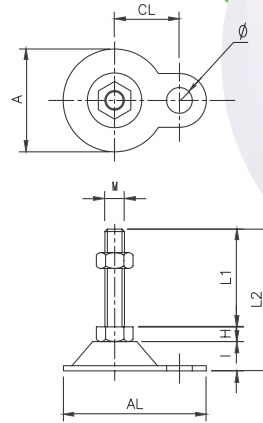
경하중용, 앵카용 / Light load, Anchor type

제품특징 Feature

- 경하중, 앵카고정형 (Light load, Fixed to flower with anchor type)

적용범위 Application

- 컨베이어, 자동화설비, 경하중용 설비 (Conveyor, Automation facilities, Light duty equipment)



규격 Dimension & Material

unit: mm

Model	Dimension (mm)									Road (Kg/ 4EA)	Material		Treatment
	M	L1	L2	H	I	AL	A	CL	Ø		Bolt & Nut	Cup	
F03-PA (Steel) F03-PAS (SUS)	M6 × 1.0	40	55	6	12	58.5	42	26.5	Ø10.5	100	S10C SUS304	SPC SUS304	Ni Natural/PL
	M8 × 1.25	40	55							200			
		M10 × 1.5	80	95						7			
	M12 × 1.75		60	82									
		100	122										
		70	93										
		100	123										
	M16 × 2.0	130	153	10	17	112	75	58	Ø17.5	800			
		150	173										
		70	97										
		100	127										
		130	157										
		150	177										
		180	207										
		200	227										
	M20 × 2.5	250	277	13	25	131.5	95	65	Ø17.5	1500			
		300	327										
		100	130										
		130	160										
		150	180										
		180	210										
		200	230										
	M20 × 2.5	250	280										
		300	330										
100		135											
130		165											
150		185											
180		215											
M20 × 2.5	200	235											
	250	285											
	300	335											

* 기타 특수사양은 주문제작함 (Particular case is Made-To-Order)

FOOT

F04-V/VS Series

경하중용, 방진용 / Light load, Chshioning type

제품특징 Feature

- 저가형, 경량용, 방진용 (Competitive price, Light load, Chshioning type)

적용범위 Application

- 컨베이어, 자동화설비, 오락기, 자동판매기 (Conveyor, Automation facilities, Game machine, Vending machine)

규격 Dimension & Material

unit: mm

Model	Dimension (mm)						Road (Kg/ 4EA)	Material		Treatment			
	M	L1	L2	H	I	ØA		Bolt & Nut	Cup				
F04-V (Steel) F04-VS (SUS)	M6 × 1.0	40	61	6	15	Ø30	100	S10C SUS304	SPC SUS304	Ni PL			
	M8 × 1.25	40	61				200						
	M6 × 1.0	80	101		17	Ø40	100						
		M8 × 1.25	40				63				200		
	M10 × 1.5	80	103	7	17.5	Ø50	300						
		60	84.5				500						
	M12 × 1.75	100	124.5	8							500		
		70	95.5				700						
		100	125.5										
	M16 × 2.0	130	155.5	10			700						
		70	97.5										
		100	127.5										
	M12 × 1.75	130	157.5	8			18.5				Ø60	600	
		70	96.5										
		100	126.5										
		130	156.5										
	M16 × 2.0	150	176.5	10								Ø60	800
		70	98.5										
		100	128.5										
		130	158.5										
		150	178.5										
		180	208.5										
	M20 × 2.5	200	228.5	13	Ø70	1000							
		250	278.5										
		100	131.5										
		130	161.5										
150		181.5											
M16 × 2.0	180	211.5	10	20		900							
	200	231.5											
	250	281.5											
	70	100											
	100	130											
	130	160											
M20 × 2.5	150	180	13			1200							
	180	210											
	200	230											
	250	280											
	100	133											
M20 × 2.5	130	163	13										
	150	183											
	180	213											
	200	233											
	250	283											

* 기타 특수사양은 주문제작함 (Particular case is Made-To-Order)

F05-AB/ABS Series

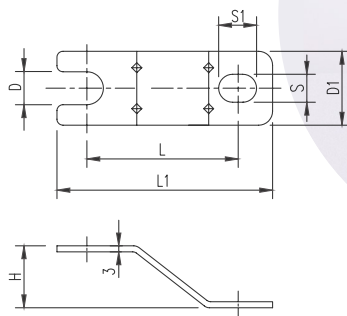
양카용 브라켓 / Anchor Bracket

제품특징 Feature

- 적용장비 고정용 (For fixing the applicable equipment)

적용범위 Application

- 컨베이어, 자동화라인 (Conveyor, Automation line)



규격 Dimension & Material

unit: mm

Model	Dimension (mm)							Material	Treatment
	D	D1	S	S1	L	L1	H		
F05-AB-12	12.5	25	10.5	15	80.5	108	28	SPC	Ni
F05-AB-16	16.5	37	14	19	75.5	108	33		
F05-AB-20	20.5	37	14	19	75.5	108	36		
F05-ABS-12	12.5	25	10.5	15	80.5	108	28	SUS304	PL
F05-ABS-16	16.5	37	14	19	75.5	108	33		
F05-ABS-20	20.5	37	14	19	75.5	108	36		

* 기타 특수사양은 주문제작함 (Particular case is Made-To-Order)

FOOT

F06-M/MS Series

중·고하중용 / Medium & Heavy duty purpose

제품특징

Feature

- 단조후 가공품으로 중·고하중용 (Midium & heavy duty purpose with mechanical working after forging)

적용범위

Application

- 컨베이어, 자동화설비, 반도체장비, 디스플레이설비, 이차전지설비 (Conveyor, Automation facilities, Semiconductor equipment, Display equipment, Secondary battery equipment)

규격

Dimension & Material

unit: mm

Model	Dimension (mm)						Road (Kg/4EA)	Material		Treatment					
	M	L1	L2	H	I	ØA		Bolt & Nut	Cup						
F06-M (Steel) F06-MS (SUS)	M12 × 1.75	70	97	8	19	Ø53	1000	S10C SUS304	S45C SUS304	Ni Natural					
		100	127												
		130	157												
		150	177												
		70	99		21	Ø59									
		100	129												
		130	159												
		150	179												
	M16 × 2.0	50	81	10	21	Ø63	2000								
		70	101												
		100	131												
		130	161												
		150	181												
		180	211												
		200	231												
		250	281												
		50	85		25	Ø78									
		70	105												
		100	135												
		130	165												
		150	185												
		180	215												
		200	235												
		250	285												
	M20 × 2.5	100	134	13	21	Ø63	3000								
		130	164												
		150	184												
		180	214												
		200	234												
		250	284												
		100	138		25	Ø78									
		130	168												
		150	188												
		180	218												
		200	238												
		250	288												
	M24 × 3.0	150	191	16	25	Ø98	4000								
		200	241												
		150	197		31										
		200	247												
	M30 × 3.5	150	201	20	31	Ø98	5000								
		200	251												
		250	301												

* 기타 특수사양은 주문제작함 (Particular case is Made-To-Order)

F06-MR/MSR Series

중·고하중용, 방진용 / Medium & Heavy duty purpose, Chshioning type

제품특징

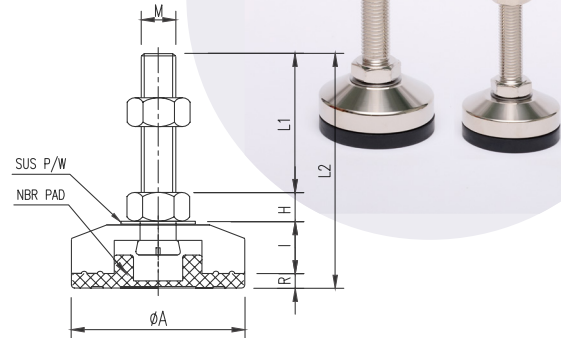
Feature

- 단조후 가공품으로 중·고하중용, 방진용 (Midium & heavy duty purpose with mechnical working after forging, Chshioning type)

적용범위

Aplication

- 컨베이어, 자동화설비, 반도체장비, 디스플레이설비, 이차전지설비 (Conveyor, Automation facilities, Semiconductor equipment, Display equipment, Secondary battery equipment)



규격

Dimension & Material

unit: mm

Model	Dimension (mm)							Road (Kg/4EA)	Material		Treatment
	M	L1	L2	H	I	R	ØA		Bolt & Nut	Cup	
F06-MR (Steel) F06-MSR (SUS)	M12 × 1.75	70	106	8	18	9	Ø53	1000	S10C SUS304	S45C SUS304	Ni Natural
		100	136								
		130	166								
		150	186								
		70	108		19		Ø59				
		100	138								
		130	168								
		150	188								
	M16 × 2.0	50	90	10	19	Ø63	2000				
		70	110								
		100	140								
		130	170								
		150	190								
		180	220								
		200	240								
		250	290								
		50	95		25	10		Ø78			
		70	115								
		100	145								
		130	175								
		150	195								
		180	225								
		200	245								
		250	295								
	M20 × 2.5	100	143	13	19	9	Ø63	3000			
		130	173								
		150	193								
		180	223								
		200	243								
		250	293								
		100	148		25	10	Ø78				
		130	178								
		150	198								
180		228									
200		248									
250		298									
M24 × 3.0	150	201	16	25	12	Ø98	4000				
	200	251									
	150	209		30							
	200	259									
M30 × 3.5	150	213	20	30			5000				
	200	263									
	250	313									

* 기타 특수사양은 주문제작함 (Particular case is Made-To-Order)

FOOT

F07-MZ/MZS Series

중·고하중용 / Medium & Heavy duty purpose

제품특징 Feature

- 아연가공품, 부식방지, SUS 대체품 (Zinc-processed products, Corrosion protection, Stainless steel replacement)

적용범위 Application

- 컨베이어, 자동화설비, 반도체장비, 디스플레이설비, 이차전지설비 (Conveyor, Automation facilities, Semiconductor equipment, Display equipment, Secondary battery equipment)

규격 Dimension & Material

unit: mm

Model	Dimension (mm)						Road (Kg/4EA)	Material		Treatment
	M	L1	L2	H	I	ØA		Bolt & Nut	Cup	
F07-MZ (Steel) F07-MZS (SUS)	M12 × 1.75	75	102	8	19	Ø53	1000	S10C SUS304	Zn	Ni Natural
		100	127							
		125	152							
		150	177							
		75	104							
		100	129							
		125	154							
		150	179							
	M16 × 2.0	50	79	10	21	Ø64	2000			
		75	104							
		100	129							
		130	159							
		150	179							
		180	209							
		200	229							
		250	279							
		45	80		25	Ø78				
		70	105							
		100	135							
		125	160							
		150	185							
		180	215							
		200	235							
		250	285							
	M20 × 2.5	100	134	13	21	Ø64	3000			
		125	164							
		150	184							
		180	214							
		200	234							
		250	284							
		100	138		25	Ø78				
		130	168							
		150	188							
		180	218							
		200	238							
		250	288							

* 기타 특수사양은 주문제작함 (Particular case is Made-To-Order)

F07-MZR/MZSR Series

중·고하중용, 방진용 / Medium & Heavy duty purpose,
Chshioning type

제품특징

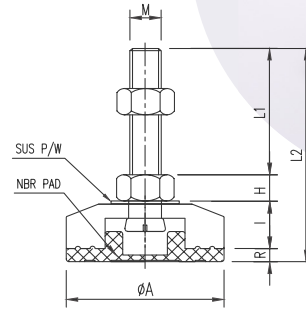
Feature

- 아연가공품, 부식방지, SUS 대체품, 미끄럼방지패드 적용 (Zinc-processed products, Corrosion protection, Stainless steel replacement, Chshioning type)

적용범위

Appliation

- 컨베이어, 자동화설비, 반도체장비, 디스플레이설비, 이차전지설비
(Conveyor, Automation facilities, Semiconductor equipment, Display equipment, Secondary battery equipment)



규격

Dimension & Material

unit: mm

Model	Dimension (mm)							Road (Kg/4EA)	Material		Treatment
	M	L1	L2	H	I	R	ØA		Bolt & Nut	Cup	
F07-MZR (Steel) F07-MZSR (SUS)	M12 × 1.75	75	109	8	19	6	Ø53	1000	S10C SUS304	Zn	Ni Natural
		100	133								
		125	158								
		150	183								
		75	110								
		100	135								
		125	160								
		150	185								
	M16 × 2.0	50	87	10	21	6	Ø64	2000			
		75	112								
		100	137								
		130	167								
		150	187								
		180	217								
		200	237								
		250	287								
		45	90		25	10	Ø78				
		70	115								
		100	145								
		130	170								
		150	195								
		180	225								
		200	245								
		250	295								
	M20 × 2.5	100	140	13	21	6	Ø64	3000			
		130	170								
		150	190								
		180	220								
		200	240								
		250	290								
		100	148		25	10	Ø78				
		130	178								
		150	198								
		180	228								
		200	248								
		250	298								

* 기타 특수사양은 주문제작함 (Particular case is Made-To-Order)

FOOT

F08-MA/MAS Series

중·고하중용, 각도조절 / Medium & Heavy duty purpose
For angle adjustment

제품특징

Feature

- 단조후 가공품으로 중·고하중용, 경사진 바닥에 사용
(Medium & heavy duty purpose with mechanical working after forging, Use on sloping floors)

적용범위

Application

- 컨베이어, 자동화설비, 반도체장비, 디스플레이설비, 이차전지설비
(Conveyor, Automation facilities, Semiconductor equipment, Display equipment, Secondary battery equipment)

규격

Dimension & Material

unit: mm

Model	Dimension (mm)						Road (Kg/4EA)	Material		Treatment	
	M	L1	L2	H	I	ØA		Bolt & Nut	Cup		
F08-MA (Steel) F08-MAS (SUS)	M12 × 1.75	75	110	8	27	Ø59	1000	S10C SUS304	S45C SUS304	Ni Natural	
		100	135								
		125	160								
		150	185								
	M16 × 2.0	50	94	10	34	Ø78	2000				
		70	114								
		100	144								
		130	174								
		150	194								
		180	224								
		200	244								
		250	294								
	M20 × 2.5	100	147	13			Ø98				3000
		130	177								
		150	197								
		180	227								
		200	247								
		250	297								
	M24 × 3.0	100	150	16							4000
		150	200								
		200	250								
	M30 × 3.5	100	153			5000					
		150	253								
		200	253								

* 기타 특수사양은 주문제작함 (Particular case is Made-To-Order)

F08-MAR/MASR Series

중·고하중용, 각도조절, 방진용 / Medium & Heavy duty purpose For angle adjustment, Chshioning type

제품특징

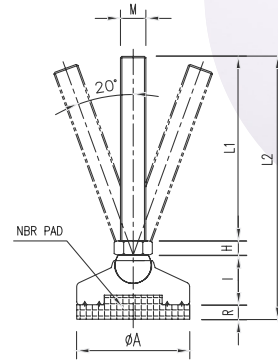
Feature

- 단조후 가공품으로 중·고하중용, 경사진 바닥에 사용, 방진용 (Midium & heavy duty purpose with mechanical working after forging, Use on sloping floors, Chshioning type)

적용범위

Application

- 컨베이어, 자동화설비, 반도체장비, 디스플레이설비, 이차전지설비 (Conveyor, Construction machine, Light duty equipment, Display equipment, Secondary battery equipment)



규격

Dimension & Material

unit: mm

Model	Dimension (mm)							Road (Kg/4EA)	Material		Treatment		
	M	L1	L2	H	I	R	ØA		Bolt & Nut	Cup			
F08-MAR (Steel) F08-MASR (SUS)	M12 × 1.75	75	116	8	27	6	Ø59	1000	S10C SUS304	S45C SUS304	Ni Natural		
		100	141										
		125	166										
		150	191										
	M16 × 2.0	50	104	10	34	10	Ø78	2000					
		70	124										
		100	154										
		130	184										
		150	204										
		180	234										
		200	254										
		250	304										
	M20 × 2.5	100	157	13				12				Ø98	3000
		130	187										
		150	207										
		180	237										
		200	257										
		250	307										
	M24 × 3.0	100	162	16		4000							
		150	212										
		200	262										
	M30 × 3.5	100	165			5000							
		200	215										
		250	265										

* 기타 특수사양은 주문제작함 (Particular case is Made-To-Order)

F09-PHR/PHSR Series

중·고하중용, 각도조절, 방진용 / Medium duty purpose For angle adjustment, Chshioning type

제품특징

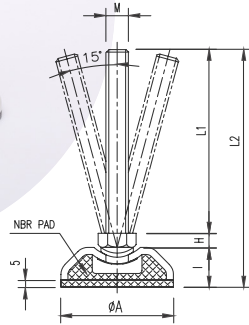
Feature

- 중하중용, 경사진 바닥에 사용, 방진용 (Midium duty purpose with mechanical working after forging, Use on sloping floors, Chshioning type)

적용범위

Appliation

- 컨베이어, 자동화설비, 공장기계 (Conveyor, Automation facilities, Construction machine)



규격

Dimension & Material

unit: mm

Model	Dimension (mm)						Road (Kg/ 4EA)	Material		Treatment
	M	L1	L2	H	I	ØA		Bolt & Nut	Cup	
F09-PHR (Steel) F09-PHSR (SUS)	M12 × 1.75	70	106	8	28	Ø80	600	S10C SUS304	SPC SUS304	Ni/ Black painting Natural/ PL
		100	136							
		130	166							
		150	186							
	M16 × 2.0	50	88	10						
		70	108							
		100	138							
		130	168							
		150	188							
		180	218							
	M20 × 2.5	200	238	13						
		250	288							
		80	121							
		100	141							
		130	171							
		150	191							
		180	221							
		200	241							
		250	291							

* 기타 특수사양은 주문제작함 (Particular case is Made-To-Order)

F10-MU/MUS Series

고하중용, 각도조절용 / Heavy duty purpose For angle adjustment

제품특징

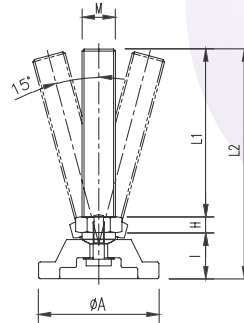
Feature

- 고하중용, 경사진 바닥에 사용 (Heavy duty purpose with mechanical working after forging, Use on sloping floors)

적용범위

Application

- 반도체장비, 시험장비, 정밀장비 (Semiconductor equipment, testing equipment, precision equipment)



규격

Dimension & Material

unit: mm

Model	Dimension (mm)						Road (Kg/ 4EA)	Material		Treatment
	M	L1	L2	H	I	ØA		Bolt & Nut	Cup	
F10-MU (Steel) F10-MUS (SUS)	M16 × 2.0	100	148	13	35	Ø78	2000	S45C SUS304	S45C SUS304	Cr Natural
		150	198							
		200	248							
	M20 × 2.5	100	148				3000			
		150	198							
		200	248							
	M24 × 3.0	100	155	14	41	Ø98	4000			
		150	205							
		200	255							
		250	305							
	M30 × 3.5	100	155				5000			
		150	205							
		200	255							
		250	305							
	M36 × 4.0	150	215	20	45	Ø127	5500			
		200	265							
		250	315							
	M42 × 4.5	150	215				6000			
		200	265							
		250	315							
	M52 × 5.0	150	225	25	50	Ø147	8000			
		200	275							
		250	325							

* 기타 특수사양은 주문제작함 (Particular case is Made-To-Order)

F11-AR Series

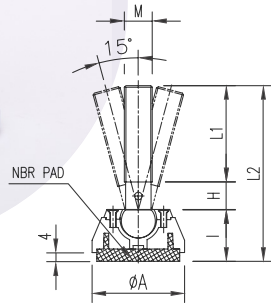
경·방진용, 각도조절 / Light load, Chshioning type, For angle adjustment

제품특징 Feature

- 아연가공으로 부식방지, 경사진 바닥에 사용 (Anti-corrosion with zinc processing, Use on sloping floors)

적용범위 Appliation

- 런닝머신, 콘베어, 공작기계, 자동화설비 (Running machine, Conveyor, Construction machine, Automation facilities)



규격 Dimension & Material

unit: mm

Model	Dimension (mm)						Road (Kg/4EA)	Material		Treatment
	M	L1	L2	H	I	ØA		Bolt & Nut	Cup	
F11-AR (Zn & Steel)	M16 × 2.0	60	104	15	29	Ø54	1000	S10C	Zn	Cr
		100	144							

* 기타 특수사양은 주문제작함 (Particular case is Made-To-Order)

F12-PL/PLS Series

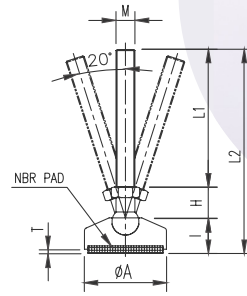
경·방진용, 각도조절 / Light load, Chshioning type, For angle adjustment

제품특징 Feature

- 경·방진용, 경사진 바닥에 사용 (Light load, Chshioning type, Use on sloping floors)

적용범위 Appliation

- 반도체장비, 시험장비, 정밀장비 (Semiconductor equipment, testing equipment, precision equipment)



규격 Dimension & Material

unit: mm

Model	Dimension (mm)							Road (Kg/4EA)	Material		Treatment			
	M	L1	L2	H	I	T	ØA		Bolt & Nut	Cup				
F12-PL (Steel) F12-PLS (SUS)	M6 × 1.0	40	63	10	13	-	Ø40	100	S10C Plastic SUS304 Plastic	Plastic	Ni Natural			
	M8 × 1.25	40	63					200						
	M12 × 1.75	70	124	26	24	2	Ø60	400						
		115	169											
		200	254											
	M16 × 2.0	70	124					30				6	Ø90	500
		115	169											
		200	254											
		70	138		600									
		115	183											
		200	268											
	M20 × 2.5	80	148		800									
		125	193											
		200	268											

* 기타 특수사양은 주문제작함 (Particular case is Made-To-Order)

F13-MDA Series

중·고하중용, 앵카용 / Medium & Heavy duty purpose, Anchor type

제품특징

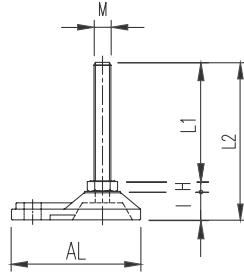
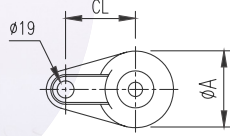
Feature

- 중·고하중용, 바닥앵카 고정형 (Medium & Heavy duty purpose, Fixed to floor with anchor type)

적용범위

Application

- 콘베어, 자동화설비 (Conveyor, Automation facilities)



규격

Dimension & Material

unit: mm

Model	Dimension (mm)								Road (Kg/4EA)	Material		Treatment				
	M	L1	L2	H	H	I	H	ØA		Bolt & Nut	Cup					
F13-MDA (Steel)	M16 × 2.0	100	37	10	27	141	78	Ø84	2000	S10C	Forged steel	Zn Black painting (by order)				
		150	187													
		200	237													
	M20 × 2.5	100	140	13					159				90	Ø100	3000	
		150	190													
		200	240													
		250	290													
	M24 × 3.0	150	198	19					32				159	90	Ø100	4000
		200	248													
		250	298													
	M30 × 3.5	200	251	19	32	159	90	Ø100								5000
		250	301													
		300	351													

* 기타 특수사양은 주문제작함 (Particular case is Made-To-Order)

F13-MDC Series

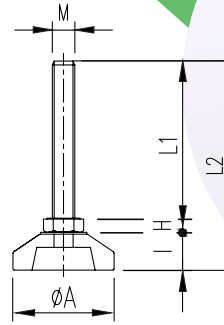
중·고하중용 / Medium & Heavy duty purpose

제품특징 Feature

- 중·고하중용 (Medium & Heavy duty purpose)

적용범위 Application

- 콘베어, 자동화설비 (Conveyor, Automation facilities)



규격 Dimension & Material

unit: mm

Model	Dimension (mm)						Road (Kg/4EA)	Material		Treatment
	M	L1	L2	H	I	ØA		Bolt & Nut	Cup	
F13-MDC (Steel)	M16 × 2.0	100	134	10	24	Ø80	2000	S10C	Forged steel	Zn Black painting (by order)
		150	184							
		200	234							
	M20 × 2.5	100	137	13			3000			
		150	187							
		200	237							
		250	287							
	M24 × 3.0	100	147	16	31	Ø100	4000			
		150	197							
		200	247							
		250	297							
	M30 × 3.5	150	200	19			5000		S45C	
		200	250							
		250	300							

* 기타 특수사양은 주문제작함 (Particular case is Made-To-Order)

Customs

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