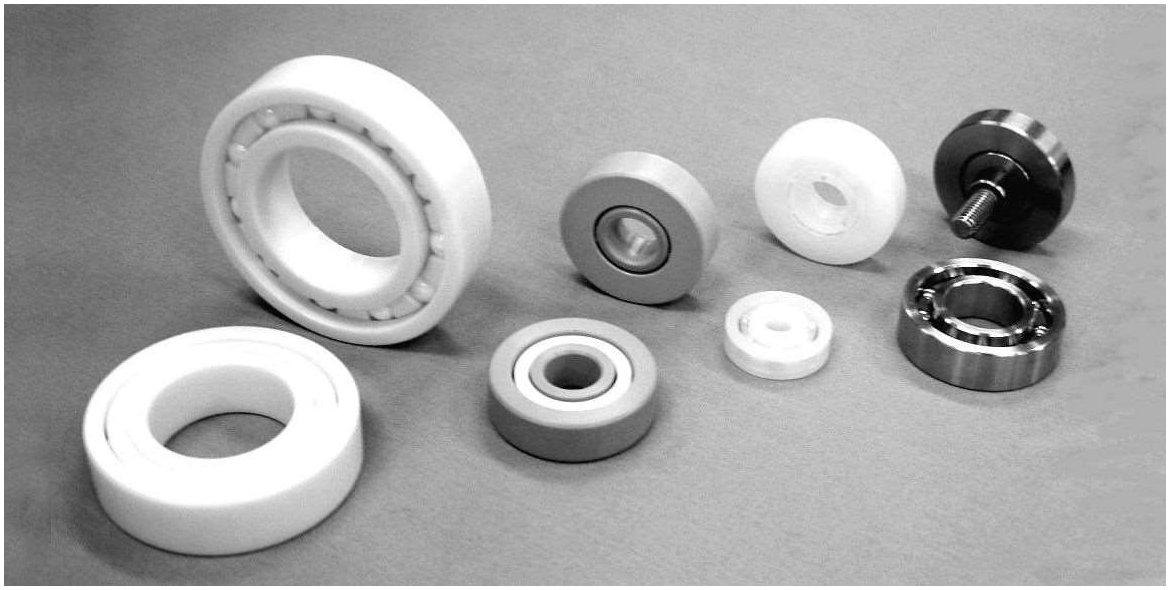

CORROSION AND CHEMICAL RESISTANT BEARINGS

PRIMARY USAGE IN THE MEDICAL AND SEMICONDUTOR INDUSTRIES

Features

1. Excellent Chemical resistance (depending on environment)
2. Excellent Corrosion resistance (depending on environment)
3. Excellent Heat resistance (depending on environment)
4. Waterproof

Applications

Ideal for use in the medical and semiconductor industries where products are subject to harsh Chemicals and environments. Other applications would be in industries using high temperatures such as transportation and cleaning.

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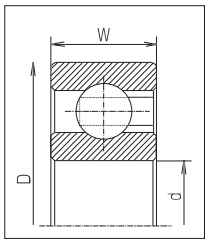
CHARACTERISTICS

Major characteristics of a ceramic bearing are: excellent corrosion and chemical resistance; self lubricating (absence of grease); and non-magnetic. Recommended environments include, but are not limited to: etching, cleaning, coating, medical, and testing equipment.



Code	Part No.	JIS	D $_{-0.02}^{0}$ [mm]	d $^{+0.02}_{0}$ [mm]	W $_{-0.1}^{0}$ [mm]	Balls material	Outer and Inner races material	Retainer material
	C-26-CHC10	6000	26	10	8	ZrO_2	ZrO_2	PTFE
	C-28-CHC12	6001	28	12	8	ZrO_2	ZrO_2	PTFE
	C-30-CHC10	6200	30	10	9	ZrO_2	ZrO_2	PTFE
	C-32-CHC12	6201	32	12	10	ZrO_2	ZrO_2	PTFE
	C-32-CHC15	6002	32	15	9	ZrO_2	ZrO_2	PTFE
	C-35-CHC15	6202	35	15	11	ZrO_2	ZrO_2	PTFE
	C-35-CHC17	6003	35	17	10	ZrO_2	ZrO_2	PTFE
	C-40-CHC17	6203	40	17	12	ZrO_2	ZrO_2	PTFE
	C-42-CHC20	6004	42	20	12	ZrO_2	ZrO_2	PTFE
	C-47-CHC20	6204	47	20	14	ZrO_2	ZrO_2	PTFE
	C-47-CHC25	6005	47	25	12	ZrO_2	ZrO_2	PTFE
	C-52-CHC25	6205	52	25	15	ZrO_2	ZrO_2	PTFE
	C-55-CHC30	6006	55	30	13	ZrO_2	ZrO_2	PTFE
	C-62-CHC30	6206	62	30	16	ZrO_2	ZrO_2	PTFE
	C-62-CHC35	6007	62	35	14	ZrO_2	ZrO_2	PTFE
	C-68-CHC40	6008	68	40	15	ZrO_2	ZrO_2	PTFE
	C-72-CHC35	6207	72	35	17	ZrO_2	ZrO_2	PTFE
	C-80-CHC40	6208	80	40	18	ZrO_2	ZrO_2	PTFE

Inner gap is under C4 (within 0.03mm)
Can be designed and produce in different sizes
Material: Ball and outer/inner races-Zirconia (ZrO_2); retainer — polytetrafluoroethylene (PTFE)

Guide to Corrosion Resistance

Material / Use liquid	Si_3N_4	ZrO_2	PTFE
Salt-Water	◎	◎	◎
Potassium Hydroxide	△	△	◎
Sodium Hydroxide	△	○	◎
Hydrofluoric acid	△	▲	◎
Phosphoric Acid	○	○	◎
Sulphuric Acid	○	○	◎
Hydrochloric Acid	△	○	◎
Nitric Acid	○	○	◎

※Chemical and corrosion resistance will vary depending on chemical concentrations and temperatures.
(Guide to Corrosion resistance, is only a reference. For more information Please contact our sales and engineering departments for assistance)

◎ : anticorrosive
○ : hardly corrosive
△ : slight corrosive
▲ : possibility of corrosiveness

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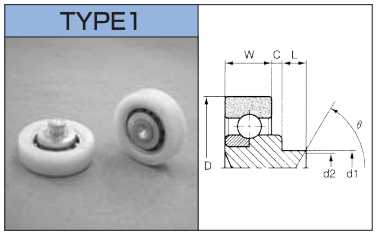
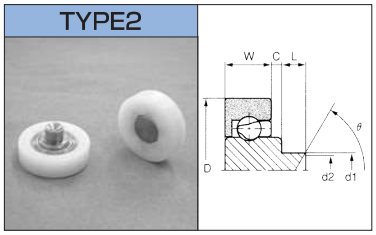
DR-S

The outer races are made of polyacetal resin and the inner races and balls are made of stainless steel.

TYPE1



TYPE2



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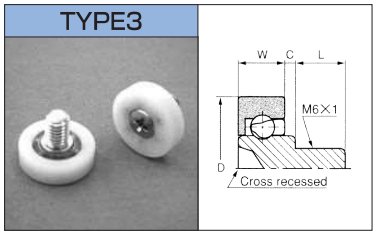

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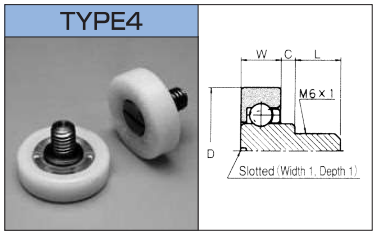

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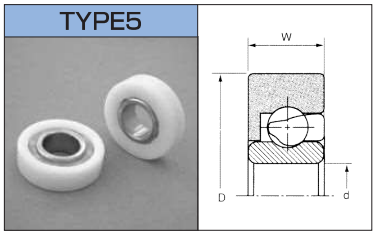
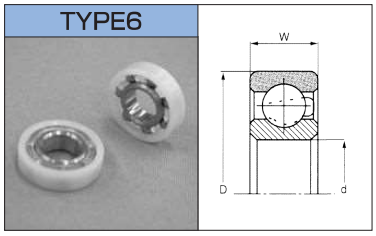


TYPE6



Code	Part No.	D$_{-0.1}^{0}$ [mm]	d$_{0}^{+0.1}$ [mm]	d1$_{-0.1}^{0}$ [mm]	W$_{-0.2}^{0}$ [mm]	C$^{\pm0.4}$ [mm]	L$^{\pm0.2}$ [mm]	(d2× θ) *1	Load *2 [N] (kgf)	Type	Q'ty [pcs/box]	Gross Weight [kg/box]
000002	DRS-16-SAS1-GN	16$_{-0.3}^{0}$	—	4	5$^{\pm0.2}$	1	3.5	φ3 ×100°	—	1	2,000	9.0
000202	DR-19-SAS0.5-GN	19	—	5	6	0.5	3.5$_{-0.2}^{0}$	φ4 ×120°	—	2	2,000	10.7
000421	DR-22-SAS1	22	—	5	7	1$^{\pm0.3}$	3.4$^{\pm0.1}$	φ4 × 90°	—	2	1,000	9.0
020202	DR-19-SBS0.5	19	—	—	6	0.5	8$^{\pm0.5}$	—	—	3	2,000	12.5
020442	DR-22-SBS0.5-GN	22	—	—	7	0.5	8$^{\pm0.5}$	—	—	4	1,000	9.8
020735	DR-26-SBS0.5	26	—	—	7	0.5	8$^{\pm0.5}$	—	—	4	1,000	10.1
021001	DR-30-SBS0.5	30	—	—	7	0.5$^{\pm0.3}$	8$^{\pm0.5}$	—	—	4	500	6.8
021100	DR-35-SBS0.5	35	—	—	7	0.5$^{\pm0.3}$	8$^{\pm0.5}$	—	—	4	300	4.0
040101	DR-18-SHS6-GN	18	6	—	6	—	—	—	—	5	2,500	7.8
040207	DR-19-SHS6	19	6	—	6	—	—	—	—	5	2,500	8.1
040404	DR-22-SHS6-GN	22	6	—	7	—	—	—	—	5	1,000	7.0
040414	DR-22-SHS8-GN	22	8	—	7	—	—	—	—	5	1,000	5.3
040801	DR-28-SHS6-GN	28	6	—	7	—	—	—	—	5	500	4.2
041601	DR-26-SHS10-GN	26	10	—	8	—	—	—	98 (10)	5	1,000	7.9
041611	DR-30-SHS10-GN	30	10	—	9	—	—	—	147 (15)	5	500	7.7
041613	DR-32-SHS12-GN	32	12	—	10	—	—	—	176 (18)	5	500	9.6
041615	DR-35-SHS15-GN	35	15	—	11	—	—	—	176 (18)	5	400	10.6
041617	DR-40-SHS17-GN	40	17	—	12	—	—	—	205 (21)	5	250	6.9
041619	DR-47-SHS20-GN	47	20	—	14	—	—	—	235 (24)	5	150	8.7
040103	DR-18-SHS8	18	8	—	5	—	—	—	—	6	3,000	8.7

***1 Reference Dimension** ***2 Allowable Load at 300min -1 (300r.p.m.)**

Size limits can be modified for practical applications. Please contact our sales/engineering departments for further information and assistance.These products are made to order.

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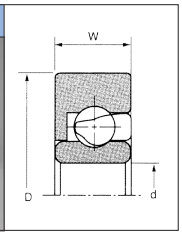
PEEK/PVDF

CHEMICAL AND HEAT RESISTANCE BEARINGS:

PEEK/PVDF bearings have much better chemical and heat resistance than our conventional PE SERIES BEARINGS. These bearings are suitable for use in these environments: automated systems used in chemical processing; transportation systems used in chemical processing; washing and cleaning systems used in the medical and semiconductor industries where chemical solution and high heat are present.

TYPE1



Code	Part No.	$D_{-0.1}^{0}$ [mm]	$d_{0}^{+0.12}$ [mm]	$W_{-0.2}^{0}$ [mm]	Balls material *1	Outer and Inner races *2 material	Retainer material *3
801009	PK-30-GHP10	30	10	9	ガラス	PEEK	PTFE
—	PV-30-GHP10	30	10	9	ガラス	PVDF	PTFE
—	PK-32-GHP12	32	12	10	ガラス	PEEK	PTFE
—	PV-32-GHP12	32	12	10	ガラス	PVDF	PTFE
—	PK-35-GHP15	35	15	11	ガラス	PEEK	PTFE
—	PV-35-GHP15	35	15	11	ガラス	PVDF	PTFE

＊1 Ball Material: G=Glass. Ceramic balls can be used, please contact our sales/engineering department for more details.
＊2 Outer/Inner Race Material: PEEK=Polyetheretherketone; PVDF=Polyvinylidene fluoride.
＊3 Retainer Material: PTFE=Polytetrafluoroethylene.
＊4 Size limits can be modified for practical applications. Please contact our sales/engineering departments for further information and assistance. These bearings are lubricant free and are made to order.

Characteristics \ Materials		Chemical Resistance Resin					Other Resin			
		PTFE	PCTFE	PVDF	PEEK	UHMWPE	PA	POM	PP	PVC
Temperature Resistance [℃]		130	80	80	130	60	70	50	50	35
Mechanical		△	○	○	◎	○	○	◎	○	○
Electrical		◎	○	○	◎	△	△	△	◎	△
Chemical proof	Acid	◎	◎	○	○	○	×	×	○	○
	Alkalis	◎	◎	○	◎	○	×	△	○	○
	Solvents	◎	○	○	◎	△	×	○	△	△

Information provided is for reference only.
Materials only reflect standard characteristics provided by technical books and material supplier's catalogs.

(Explanation of Codes)
◎ : GOOD ·····Acceptable—Visually free of any corrosive affect. Durable for field applications.
○ : FAIR ·····Limited—Slight corrosion influence, but can be used for specific field applications in ambient conditions
△ : AVERAGE ···Unacceptable—Yielding and not applicable
× : IMPROPER···No rating—easily corrodes and not usable

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PE ULTRA-HIGH MOLECULAR WEIGHT POLYETHYLENE (ANTI-ACID/ANTI-ALKALI BEARINGS)

TYPE1

TYPE2

Code	Part No.	D $_{-0.1}^{0}$ [mm]	d $^{+0.12}_{0}$ [mm]	W $_{-0.2}^{0}$ [mm]	W1 *1 [mm]	W2 *1 [mm]	Type	Q'ty [pcs/box]	Gross Weight [kg/box]	BALL *2
250126	PE-35-SHP15	35	$15^{+0.15}_{0}$	11	—	—	1	400	5.3	S
250010	PE-35-SHP8W1.75	35	8	11	1.75	1.75	2	300	3.7	S
250017	PE-35-SHP17W1.75	35	$17^{+0.2}_{+0.01}$	11	1.75	1.75	2	400	4.8	S
250100	PE-26-PHP10	$26_{-0.2}^{0}$	10	8	—	—	1	1,000	2.9	P
250121	PE-30-PHP10	30	10	9	—	—	1	500	2.2	P
250124	PE-32-PHP12	32	$12^{+0.2}_{0}$	10	—	—	1	500	3	P
250127	PE-35-PHP15	35	$15^{+0.15}_{0}$	11	—	—	1	400	2.5	P
250132	PE-47-PHP20	47	20	14	—	—	1	150	4	P
250011	PE-35-PHP8W1.75	35	8	11	1.75	1.75	2	300	3.4	P
250122	PE-30-GHP10	30	10	9	—	—	1	500	6	G
250131	PE-40-GHP17	40	17	12	—	—	1	300	3.7	G
250012	PE-35-GHP8W1.75	35	8	11	1.75	1.75	2	300	3.1	G
250019	PE-35-GHP17W1.75	35	$17^{+0.2}_{+0.01}$	11	1.75	1.75	2	400	3.5	G

＊1 Reference Dimension
＊2 Ball Material: S=Stainless Steel; P=Polyethylene; G=Glass. Outer/Inner Race Material: Ultra-high Molecular Weight Polyethylene.
＊3 Size limits can be modified for practical applications. Please contact our sales/engineering departments for further information and assistance. These bearings are lubricant free and are made to order.

DURABILITY OF PLASTICS IN A CHEMICAL ENVIRONMENT

Table No.1 : durability of plastics in a chemical enviroment

		Polyacetal (POM)	Polyamid (PA)	Polyethylene (PE)	Polypropylene (PP)
Liquid Ammonia			◎	◎	○
Calcium Hydroxide		◎	◎	◎	◎
Potassium Hydroxide		○	○	◎	◎
Sodium Hydroxide	30% 30℃		×	○	◎
	30% RT		◎	◎	◎
	10% RT	△	◎	◎	◎
Oxalic Acid		◎	◎	◎	◎
Acetic Acid	50% RT		△	○	○
Hydrochloric Acid	38% RT		×	◎	◎
	10% RT		○	◎	◎
Nitric Acid	RT FumingRT	×	×	×	×
	61% RT	×	×	△	△
	10% RT	△	△	◎	◎
Sulphuric Acid	RT FumingRT	×	×	×	△
	98% RT	×	×	△	△
	10% RT	△	○	◎	◎
Chromic Acid	25% RT	×	×	○	△

Table No.1 denotes the durability of Polyacetal, Polyamide(nylon), Polyethylene, and Polypropylene, against acids and alkali solutions.

Table No.2 : durability of plastics against solvent, oil, gasses and sea water

	Polyacetal (POM)	Polyamid (PA)	Polyethylene (PE)	Polypropylene (PP)
Sea-Water	◎	*	◎	◎
Sulfur Dioxide Gas			○	◎
Carbonic Acid Gas	◎	◎	◎	◎
Ammonia		◎	◎	
Petroleum	○	◎	△	○
Benzine	△	○	△	△
Holmaldehyde		△	○	◎
Ethyl Alcohol	◎	○	○	○
Cresol	○	×	○	○

Bearing used in sea water, must be corrosion resistance to sea water.

＊polyamide resins water absorption ratios are too high to be considered for use as balls or races in a water or sea water environment.

(Explanation of Codes)
◎ : GOOD ·····Acceptable—Visually free of any corrosive affect. Durable for field applications.
○ : FAIR ·····Limited—Slight corrosion influence, but can be used for specific field applications in ambient conditions.
△ : AVERAGE ···Unacceptable—Yielding and not applicable
× : IMPROPER···No rating—easily corrodes and not usable
RT : Room Temperature

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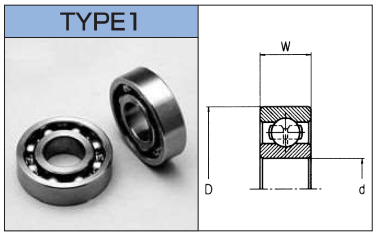
Product specification are subject to change without prior notice.
Before assembly or use of any bearing, please read "Caution for Use"

SUS

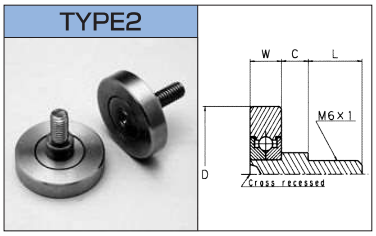
(ALL STAINLESS STEEL BEARINGS)

These bearings are made of stainless steel.

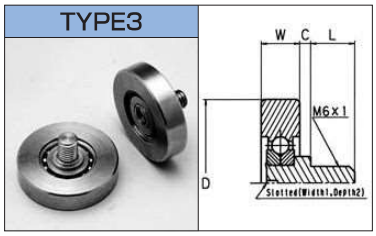
TYPE1



TYPE2



TYPE3



Code	Part No.	D $_{-0.03}^{0}$ [mm]	d $^{+0.05}_{0}$ [mm]	W $_{-0.05}^{0}$ [mm]	C $^{\pm 0.4}$ [mm]	L $^{\pm 0.5}$ [mm]	Outer races material	Inner races material	Shaft material	Retainer material	Balls material	Type
233002	S-16-SHS8-304-GN	16	8	4	—	—	SUS304	SUS304	—	SUS304	SUS304	1
233003	S-22-SHS8-304-GN	22	8	7	—	—	SUS304	SUS304	—	SUS304	SUS304	1
233007	S-22-SHS10-304-GN	22	10	6	—	—	SUS304	SUS304	—	SUS304	SUS304	1
233008	S-24-SHS12-304-GN	24	12	6	—	—	SUS304	SUS304	—	SUS304	SUS304	1
233009	S-26-SHS9-304-GN	26	9	8	—	—	SUS304	SUS304	—	SUS304	SUS304	1
233000	S-28-SHS12-304-GN	28	12	8	—	—	SUS304	SUS304	—	SUS304	SUS304	1
233001	S-28-SHS15-304-GN	28	15	7	—	—	SUS304	SUS304	—	SUS304	SUS304	1
233005	S-30-SHS10-304-GN	30	10	9	—	—	SUS304	SUS304	—	SUS304	SUS304	1
233004	S-30-SHS17-304-GN	30	17	7	—	—	SUS304	SUS304	—	SUS304	SUS304	1
233006	S-32-SHS12-304-GN	32	12	10	—	—	SUS304	SUS304	—	SUS304	SUS304	1
232050	SS-22-SBS2	22 $_{-0.1}^{0}$	—	7 $^{\pm 0.2}$	2	8	SUS303	SUS303	SUS305	—	SUS304	2
232055	SS-30-SBS6-12	30 $^{\pm 0.1}$	—	7 $_{-0.2}^{0}$	6	12	SUS303	SUS303	SUS305	—	SUS440C	2
232060	SS-30-SBS0.5	30 $_{-0.1}^{0}$	—	7 $_{-0.2}^{0}$	0.5	8	SUS303	SUS303	SUS303	—	SUS304	3

Size limits can be modified for practical applications. Please contact our sales/engineering departments for further information and assistance. These products are made to order.

CORROSION RESISTANCE OF STAINLESS STTEL

Table No.1—Corrosion resistance of stainless steel

		SUS 304	SUS 316
Sea-Water		A*	A*
20℃ Sulfurous Acid (Saturation) 20℃		C	B
Liquid Ammonia	Boiling	A	A
	20℃	A	A
Ethyl Alcohol	Boiling	A	A
	20℃	A	A
Ammonia	Gas-High Temperature	D	
	Whole Density 20℃	A	A
Sodium Hydroxide		A	A
Oxalic Acid 10% 20℃		A	A
Acetic Acid 50% 20℃		A	A
Hydrochloric Acid Whole Density 20℃		E	E
Nitric Acid	65% Boiling	B	B
	20% 20℃	A	A
Sulphuric Acid	50%20℃	D	C
	5% Boiling	E	C
	5% 20℃	C	B

Stainless Steel has a high resistance to corrosion. However, it is not corrosion free and will corrode in certain environments and over time. Precautions should be taken when using the table and research should be used to determine whether or not Stainless Steel is suitable for your application.

(Explanation of Codes)

code	Weight Reduction by Corrosion	
A	≦0.1	usable
B	0.1～1.0	
C	1.0～3.0	Slightly corroded
D	3.0～10.0	Gets corroded
E	≧10.0	Badly corroded
*	Corrosion spots appear when dehydrated	

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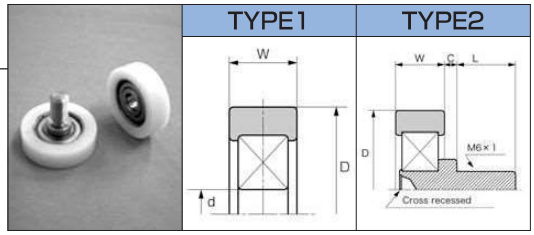
Product specification are subject to change without prior notice.
Before assembly or use of any bearing, please read "Caution for Use"

SPECIAL BEARINGS

We can supply bearings for various applications.

DT SERIES BEARING

Features: 1. A steel bearing with an insert-molded polyacetal resin
2. Run-out and clearance of the bearings are small.
3. Because of the insert-molded polyacetal operational noise levels are very low.

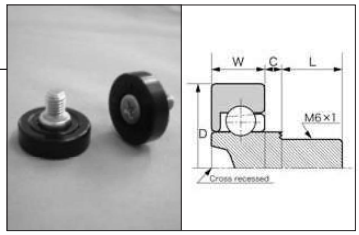


Code	Part No.	D $^{\pm0.15}$	d	W $^{\pm0.2}$	C $^{\pm0.4}$	L $^{\pm0.5}$	TYPE
110070	DT-22-688ZZ	22 $^{\pm0.1}$	(8)	7 $_{-0.1}^{0}$	—	—	1
110056	DT-26-H6-626ZZ	26	(6)	8	—	—	1
110058	DT-26-BH0.5-626ZZ	26	—	8	0.5	8	2
110057	DT-26-BH2-9.5-626ZZ	26	—	8	2	9.5	2
110060	DT-26-BH4-626ZZ	26	—	8	4	8	2
110059	DT-26-BH6-14-626ZZ	26	—	8	6	14	2

※Size limits can be modified for practical applications. Please contact our sales/engineering departments for further information and assistance. These products are made to order.

ER NON-ELECTRIFICATION BEARING

Features: Electrification of static electricity is preventive by using conductive resins for the outer races and electric conduction grease.



Code	Part No.	D	W	C $^{\pm0.4}$	L $^{\pm0.5}$
720104	ER-19-B0.5	19 $_{-0.1}^{0}$	6 $^{\pm0.2}$	0.5	8
720101	ER-22-B2	22 $^{\pm0.2}$	7 $_{-0.2}^{0}$	2	8
720102	ER-22-B6	22 $^{\pm0.2}$	7 $_{-0.2}^{0}$	6	8
720103	ER-26-B0.5	26 $_{-0.1}^{+0.3}$	7 $_{-0.3}^{0}$	0.5	8

※Size limits can be modified for practical applications. Please contact our sales/engineering departments for further information and assistance. These products are made to order.

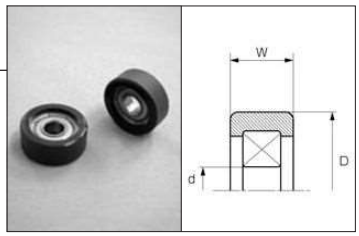
Electric resistance value (reference) unit : kΩ

sample	1	2	3	4	average
electric resistance	174.8	221.8	221.5	131.3	187.4

※An electrical resistance value of the bearing between outer race and inner race is measured after applying radial load, 49N (5kg), to the bearings for 3minutes.

UT SERIES BEARING

Features: 1. A JIS bearing which is insert-molded using polyurethane resins.
2. Because of the insert-molded polyurethane operational noise levels are very low.
3. Due to the polyurethane molding it is very difficult to damage the bearing.



Code	Part No.	D $_{-0.3}^{0}$	d	W $^{\pm0.2}$	Load (N) ※
110032	UT-20-696ZZ	20	(6)	8	29.4

※Allowable load at 300min^{-1} (300r.p.m)
Size limits can be modified for practical applications. Please contact our sales/engineering departments for further information and assistance. These products are made to order.

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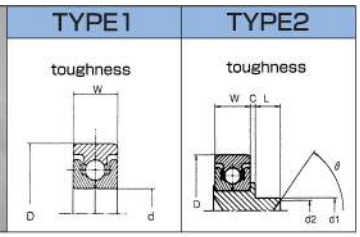
DURABLE AND NON-DESTRUCTIVE
BEARING (TOUGH)

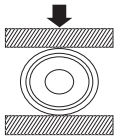
FEATURES: The "TAS" bearings are very durable and tough to destroy. New technology was used to increase its durable and shock resisitance.

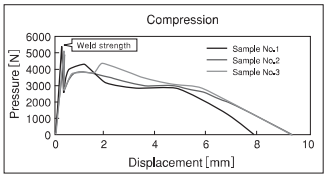


Code	Part No.	D [mm]	d [mm]	d1 [mm]	W [mm]	C	L	(d2×θ)	Load [N] (kgf)	TYPE
231502	TAS-22-H8	22	8	–	7	–	–	–	392(40)	1
231501	TAS-22-AH1-5	22	–	5	7	1	5	φ3×100°	392(40)	2

※Allowable load at 300rpms
Size limits can be modified for practical applications. Please contact our sales/engineering departments for further information and assistance.

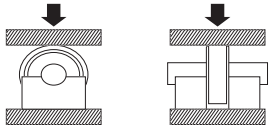
1.Compression examination

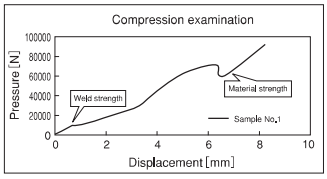




With a fixed outer wheel, the TAS bearing has a compression strength of about 1.5X the JIS bearing 608ZZ

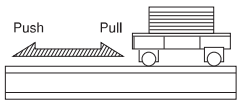
2.Compression examination

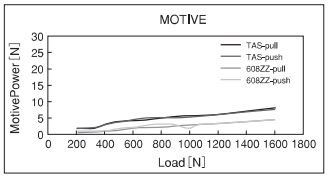




When an inside fix is used, the TAS bearing has a compression strength of approximately 23X the JIS bearing 608ZZ

3.Motive power examination

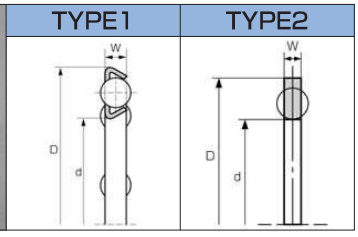




In Motive power, the TAS bearing is equal to the JIS bearing 608ZZ

THRUST RETAINER

FEATURES : 1. This is simple Thrust bearing with a press-fit ball in the retainer.
2. Axial load can be applied in one direction.



Code	Part No.	D	d	W	Retainer material	Balls material	Balls	TYPE
800002	T-22 Thrust Reatainer	21.4	13	2	SUS304	SUJ-2	1/8"×12	1
280300	T-22.7 Nylon Thrust Reatainer	22.7	16	1.4	PA66	SUJ-2	3/32"×12	2

※Size limits can be modified for practical applications. Please contact our sales/engineering departments for further information and assistance.
These bearings are made to order.

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UNIVERSAL TYPE-SLIDING DOOR WHEELS

APPLICATIONS: All types of sliding doors

FEATURES:
1. Clamps are not required in the assembly of the doors
2. Simple construction, high durability, and low cost
3. Free from corrosion, 100% plastic material

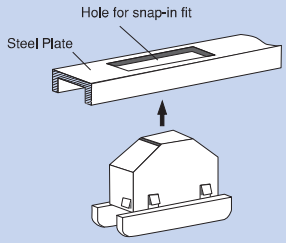
DURABILITY: The door wheels were tested under the following conditions:
- Forward and Reverse Force of 49N(kgf)
- Stroke of 500mm for 100,000 cycles

The result : the door wheels and door should still smoothly.

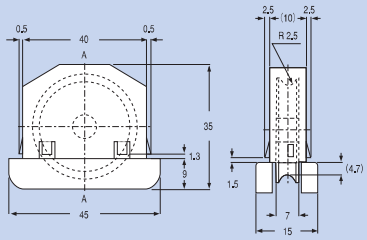
Code	Part NO.	Frame material	Kind of roller
260001	TOK DOOR WHEEL No.3 A	Polyethylene (PE)	Roller (PA : Polyamide)
260005	TOK DOOR WHEEL No.3 B	Polyethylene (PE)	Bearing (DU-30-H6-M)

TOK DOOR WHEEL No.3 A (Roller type)

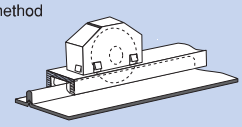
Sizes of Hole for snap-in fit
L×W×t=40.5×11×1.0 (or 0.8) mm



Dimension



Fitting method



TOK DOOR WHEEL No.3 B (Bearing type)

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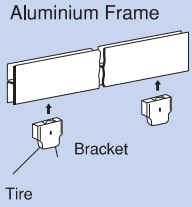
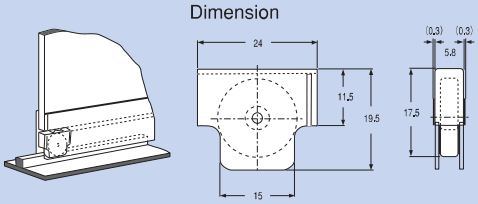
GLASS SLIDING DOOR WHEEL/ ROLLER SET SCREEN V

APPLICATIONS: For glass doors, such as display cases
TYPES: Glass Sliding Door Wheel: Bearing (DRS-16-H4.1WO.25)
Roller set screen V: Roller (POM: Polyacetal)





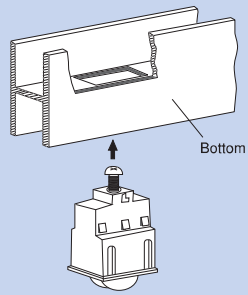
Code	Part NO.	Frame material	Kind of roller
260000	GLASS DOOR WHEEL	Polyethylene (PE)	Bearing (DRS-16-H4.1W0.25)
260068	ROLLER SET SCREEN V	Polyatmide (PA)	Roller (POM : Polyacetal)

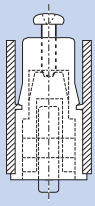
UNIVERSAL TYPE SLIDING DOOR WHEELS WITH ADJUSTABLE HOUSING

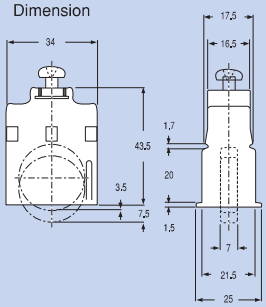
APPLICATIONS: All types of sliding doors
FEATURES: 1. Easy installation without clamps
2. Free from corrosion, 100% plastic material
3. Smooth sliding with D-SERIES BEARINGS
MODELS: 2 types are available:
~~・ADJUSTABLE DOOR WHEEL F~~
・ADJUSTABLE DOOR WHEEL No.7

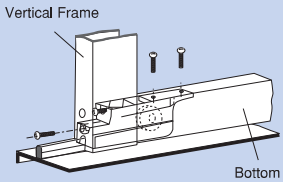
ADJUSTABLE DOOR WHEEL F

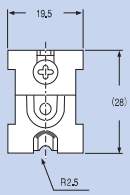

ADJUSTABLE DOOR WHEEL No.7

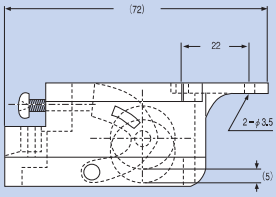












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K-SERIES BEARINGS

THE K-SERIES BEARING

1.The K-Series bearing can be provided with an assortment of materials and colors, depending on the applications Along with acetal resins, other resins can be used based on lubricity, wear resistance, and weight reduction.
2.The K-Series bearing uses a lubricious plastic for its outer race, which enables integral molding of timing gears, pulleys, and etc; it is then press fitted along the periphery of the bearing.
3.The K-Series bearing is a specialty bearing and is designed per customer requirements and specifications.

BASIC SIZES

Bore diameter [mm]	Basic outside diameter *1 [mm]	Basic width [mm]
4	16≦	4≦
5	16≦	4≦
6	16≦	7≦
7	18≦	7≦
8	18.5≦	7≦
9	24≦	7≦
10	24≦	7≦

＊1　Root diameter for gear.

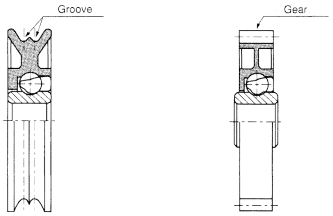
APPLICATIONS

●Wire pulleys　●Tension pulleys　●Sprocket gears
●Timing gears　●Involute gears

DESIGN CONDITIONS TO BE PREARRANGED

●Maximum working load
●Maximum number of revolutions while running
●Applications (objectives, working mechanisms etc.)
●Environment

DESIGN EXAMPLE



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