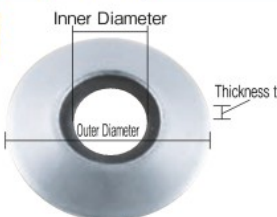


Prices displayed include 8% tax.

TRUSCO **Stock 38,650 Items**

Bonded Washer (stainless steel)



- Features**
- Since the bearing surface and threaded portion are sealed with rubber during fastening, there is a high sealing effect.
 - Lubricant stopping effect is high due to the vibration absorbing property of rubber.
 - The rubber is in contact with the object to be fastened, there is a sound absorbing effect, insulation effect, and it is difficult to scratch the bearing surface.
- Materials**
- Stainless Steel (SUS304)
 - Neoprene Rubber
- Origin**
- -

Order Unit: 1 Bag

TRUSCO NAKAYAMA CORPORATION

Order Code	Item No.	Price (per bag)	MSRP (per bag)	Nominal Diameter	Outer Diameter (mm)	Inner Diameter (mm)	Thickness t (mm)	Q'ty Per Bag (piece)	SPQ (bag)	Weight (g/bag)
783-3105	B20-0003	¥982	¥1,060	M3	9.5	4.0	2.2	40	10	38.4
783-3113	B20-0004	¥982	¥1,060	M4	9.5	5.0	2.7	40	10	36.4
783-3121	B20-0005	¥982	¥1,060	M5	12.5	6.0	2.7	30	10	43.8
783-3130	B20-0006	¥982	¥1,060	M6	16.0	7.0	2.7	20	10	46.8
783-3148	B20-0008	¥982	¥1,060	M8	19.0	9.0	2.7	15	10	48.9
783-3156	B20-0010	¥982	¥1,060	M10	22.0	11.0	2.7	10	10	46.4
783-3164	B20-0012	¥982	¥1,060	M12	25.0	12.7	2.7	6	10	38.9
783-3172	B20-0016	¥982	¥1,060	M16	32.0	17.0	2.7	6	10	48.1

Contact us:0120-509-849 <http://www.orange-book.com/>



Rear Side

TRUSCO **Stock 38,650 Items**

Flat Washer (titanium)



- Features**
- A washer that is made of an excellent characteristic of titanium which is lightweight, strong, rust-free, harm-less, not magnetized and chemical resistant.
- Specs**
- Polished Round (large washer)
- Materials**
- Titanium
- Origin**
- Japan

Order Unit: 1 Bag

TRUSCO NAKAYAMA CORPORATION

Order Code	Item No.	Price (per bag)	MSRP (per bag)	Nominal Diameter	Outer Diameter (mm)	Inner Diameter (mm)	Thickness (mm)	Q'ty Per Bag (piece)	SPQ (bag)	Weight (g/bag)
255-5158	TB95-0003	¥1,000	¥1,080	M3	8	3.3	0.5	42	10	3.4
255-5166	TB95-0004	¥1,000	¥1,080	M4	10	4.3	0.8	35	10	6.8
255-5174	TB95-0005	¥1,000	¥1,080	M5	12	5.5	0.8	26	10	7.2
255-5182	TB95-0006	¥1,000	¥1,080	M6	13	6.5	1.0	23	10	9.0
255-5191	TB95-0008	¥1,000	¥1,080	M8	18	8.5	1.5	10	10	11.7

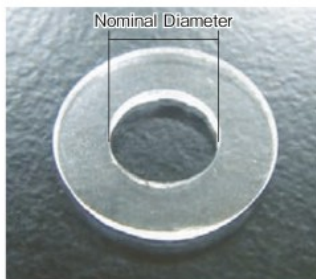
Contact us:0120-509-849 <http://www.orange-book.com/>



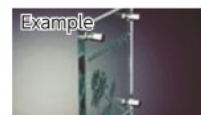
TB95-0003

EXSEAL **Stock 55 Items**

Anti-vibration Washer (urethane elastomer)



- Features**
- The softness of urethane gel prevents damage and crack during tightening of fragile or soft material.
 - Can be used without being conspicuous with a transparent type.
- Specs**
- Color: Transparent
- Materials**
- Urethane Elastomer
- Origin**
- Japan



Example
For tightening bolts of easy-to-break material such as glass

Order Unit: 1 Bag

EXSEAL Co.Ltd.

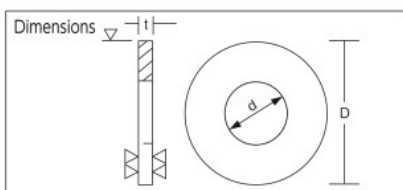
Order Code	Item No.	Price (per bag)	MSRP (per bag)	Nominal Diameter	Outer Diameter (mm)	Inner Diameter (mm)	Thickness (mm)	Q'ty Per Bag (piece)	SPQ (bag)	Weight (g/bag)
435-0171	NO.3-80-1	¥432	¥400	M3	8	3.5	1	20	10	20
435-0189	NO.4-80-1	¥518	¥480	M4	10	4.5	1	20	10	20
435-0197	NO.5-80-1	¥648	¥600	M5	12	5.5	1	20	10	20
435-0201	NO.6-80-1	¥864	¥800	M6	13	6.5	1	20	10	20

Contact us:0120-29-0872 <http://www.exseal.co.jp/>

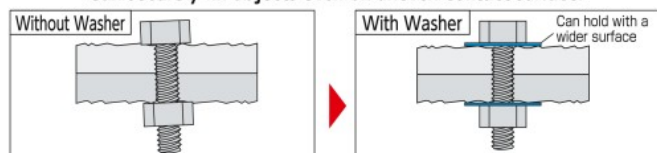
NO.3-80-1

Standard Dimensional Standard of Washer

When using bolt and small screw, the "washer" is used with the "nut" to act as a loosening prevention.



Can securely fix objects even on uneven contact surface.



Since the area that holds the surface is small with only the screw head, inserting a flat washer allows the screw to hold onto a larger surface as well as prevent itself from loosening.

Standard Dimension (mm)

For Metric

Nominal Diameter	Small Round		Polished Round	
	Inner Diameter d	Outer Diameter D	Inner Diameter d	Outer Diameter D
M2	2.3	4.3	0.4	6.0
M2.6	2.9	5.0	0.5	7.5
M3	3.3	6.0	0.5	8.0
M4	4.5	8.0	0.5	10.0
M5	5.5	10.0	0.8	12.0
M6	6.5	11.5	0.8	13.0
M8	8.5	16.0	1.2	18.0
M10	10.5	18.0	1.6	22.0
M12	12.5	22.0	2.3	26.0
M(14)	15.0	26.0	2.3	30.0
M16	17.0	30.0	2.6	32.0
M20	21.0	36.0	2.6	40.0

For Whitworth

Nominal	Inner Diameter d		Thickness t
	Inner Diameter d	Outer Diameter D	
W 3/16	5.3	19	1.6
W 1/4	7.0	16	1.6
W 5/16	9.0	22	2.3
W 3/8	11.0	25	2.3
W 1/2	14.5	32	2.3
W 5/8	18.0	38	3.2
W 3/4	22.0	45	3.2

*Please refer to small round washer for trim, polished round for others.