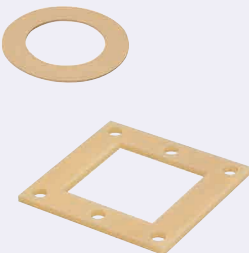
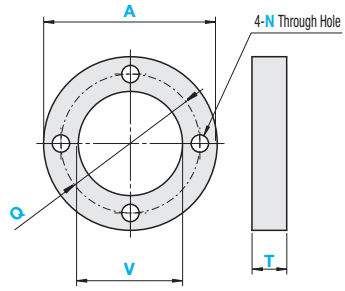


# Urethane Gaskets

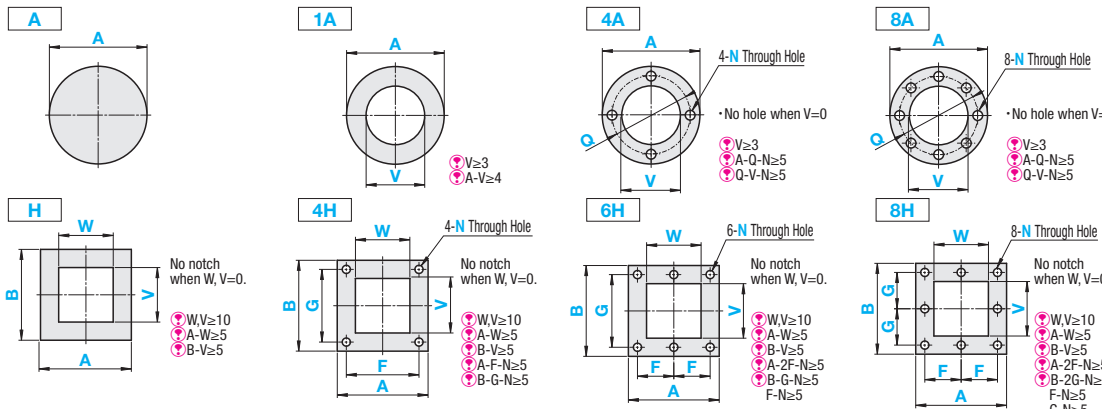


Type	Material	Hardness	Color
<b>FUS</b>	Ether Polyurethane	Shore A95	Natural Color
<b>FUH</b>		Shore A90	Natural Color
<b>FUM</b>	Ester Polyurethane	Shore A70	Natural Color
<b>FUL</b>		Shore A50	Natural Color
<b>FUTH</b>	Heat Resistant Urethane (Ether Polyurethane)	Shore A90	Brown



Select a shape from below.

### Shape Selection



**<Machining Limits>**  
 $a \geq 5$   
 $b \geq 2.5$

**Accuracy Standards**

T Dimension Tolerance	1~4	5~10	15~30
	$\pm 0.3$	$\pm 0.4$	$\pm 0.5$

Dimension Tolerance of A, B and V	200mm or Less	201~300	301~400	401~500
	$\pm 0.5$	$\pm 1.0$	$\pm 1.2$	$\pm 1.5$

⦿ A, B dimension tolerance has been changed. Please refer to the accuracy standards.

Part Number				1mm Increment (A≥B≥T)		0.5mm Increment					
Type	Shape Selection	T Selection		A	B	W	V	F	G	Q	N
<b>FUS</b> (Urethane A95)	A	1	8	25~500 (When T=30, A≥30)	25~500 (When T=30, B≥30)	0.5mm Increment <Refer to Machining Limits and Condition Formula>					3~30
<b>FUH</b> (Urethane A90)	1A	2	10								
<b>FUM</b> (Urethane A70)	4A	3	15								
<b>FUL</b> (Urethane A50)	8A	4	20								
<b>FUTH</b> (Heat Resisting Urethane A90)	H	5	25								
	4H	6	30								

Ordering Example: Part Number FUH 4A 5 - A400 - V200 - Q300 - N11

Alterations: Part Number FUTH 4H 30 - A300 - B200 - W200 - V100 - F250 - G150 - N11 - ZC-218-J20

Alterations	1-Flat	2-Flat	Counterbored Hole
<b>Code</b>	SC	WSC	ZC
<b>Spec.</b>	Adds one flat. Applicable to Shape A and Shape 1A. [Ordering Code] SC100 SC=T1mm Increment Shape A: A/2≤SC-A-2 Shape 1A: A/2+V/2+2.5<SC-A-2	Adds two flats. Applicable to Shape A and Shape 1A. [Ordering Code] WSC100 WSC=T1mm Increment Shape A: A/2≤WSC-A-4 Shape 1A: V+5<WSC-A-4	Changes N (Through Hole) to Counterbored Hole. [Ordering Code] ZC-217.5-J15 Z, J=0.5mm Increment Z-N≥4 T-J≥2

<Price Calculation Method>  
 For the price of urethane gaskets, add the shape machining charge shown below to the price in the list.

**Shape Machining Charge**

Shape Code	Price	Shape Code	Price
A		H	
1A		4H	
4A		6H	
8A		8H	

Part Number	Type	T	A	Unit Price					
				B	25~100	101~200	201~300	301~400	401~500
Urethane	FUS Shore A95 (x1.0)	1	25~100						
			101~200						
			201~300						
			301~400						
			401~500						
			101~200						
	FUH Shore A90 (x0.7)	2	25~100						
			101~200						
			201~300						
			301~400						
			401~500						
			101~200						
FUM Shore A70 (x1.0)	3	25~100							
		101~200							
		201~300							
		301~400							
		401~500							
		101~200							
FUL Shore A50 (x1.0)	4	25~100							
		101~200							
		201~300							
		301~400							
		401~500							
		101~200							
Heat Resistant Urethane	FUTH Shore A90 (x1.3)	5	25~100						
			101~200						
			201~300						
			301~400						
			401~500						
			101~200						
Material Multiplier	6	25~100							
		101~200							
		201~300							
		301~400							
		401~500							
		101~200							

### Material Properties

- Ether Polyurethane  
 Excels in mechanical strength. Low heat resistance and chemical resistance. Highly resistant to water and suitable for outdoor use. Has high impact resilience.
- Ester Polyurethane  
 Excels in mechanical strength. Low heat resistance and chemical resistance. Mechanical strength is 30~100% higher than the ether type, and has excellent oil resistivity. Has low impact resilience.
- Heat Resistant Urethane  
 This product has overcome the weakness of conventional urethanes, poor endurance against heat. Withstands use in high temperature up to 120°C, while general urethane can withstand up to only 70°C.

	Water Resistance	Oil Resistance	Chemical Resistance	Heat resistance
Ether Polyurethane	○		×	×70°C
Ester Polyurethane		○	×	×70°C
Heat Resistant Urethane	○		×	○120°C

Examples of Price Calculation  
 (1): For Round Shape (considering A=B)  
 Urethane Rubber Shore A90  
 FUH1A3-A300-V200 (Find the price for T3, A300, B300.)  
 Body Price  
 Shape Machining Charge  
 Total

(2): For Square Shape  
 Heat Resistant Urethane  
 FUTH4H3-A300-B200-W100-F250-G150-N11  
 (Find the price for T3, A300, B200.)  
 Body Price  
 Shape Machining Charge  
 Total

Part Number	Type	T	A	Unit Price					
				B	25~100	101~200	201~300	301~400	401~500
Urethane	FUS Shore A95 (x1.0)	8	25~100						
			101~200						
			201~300						
			301~400						
			401~500						
			101~200						
	FUH Shore A90 (x0.7)	10	25~100						
			101~200						
			201~300						
			301~400						
			401~500						
			101~200						
FUM Shore A70 (x1.0)	15	25~100							
		101~200							
		201~300							
		301~400							
		401~500							
		101~200							
FUL Shore A50 (x1.0)	20	25~100							
		101~200							
		201~300							
		301~400							
		401~500							
		101~200							
Heat Resistant Urethane	FUTH Shore A90 (x1.3)	25	25~100						
			101~200						
			201~300						
			301~400						
			401~500						
			101~200						
Material Multiplier	30	30~100							
		101~200							
		201~300							
		301~400							
		401~500							
		101~200							