

A detailed close-up of an engine's internal components, including a timing belt, various pulleys, and metal castings. A semi-transparent teal rectangle is overlaid on the right side of the image, serving as a background for the text and icons.

PIPING Accessories



GASKET
BOLT & NUT
VALVE
DISHED HEAD

PIPING ACCESSORIES

GASKET

MANUFACTURING RANGE



Non-metallic Gasket & Non asbestos Joint Sheet

- * Non-asbestos
- * Flexible Graphite
- * PTFE
- * Rubber



Semi-metallic Gasket

- * Spiral Wound Gasket
- * Double-jacketed Gasket
- * Kammprofile Gasket



Metallic Gasket

- * Ring Type Joint Gasket



Insulation Kit

PRODUCTION CAPACITY

Item	Monthly Average	Annual Average
Compressed Non-asbestos Sheet	50 TON	600 TON
PressCompressed Non-asbestos Casket	300,000EA	3,600,000EA
Rubber / Plastic Gsket	80,000EA	960,000EA
Rubber-steel Gasket	60,000EA	720,000EA
Spiral Wound Gasket	70,000EA	840,000EA
Ring Type Joint Gasket	5,000EA	60,000EA

MATERIAL COMMONLY USED

- * **Metals :** Stainless Steel 316(L), Stainless Steel 304(L), Stainless Steel 410, Inconel 625, etc.
- * **Rubber/Plastic :** Natural Rubber, NBR, EPDM, Neoprene-CR Rubber, Viton-FPM, SBR, PTFE, etc.
- * **Compressed Non-asbestos Sheet :** Aramid Fiber+NBR, Carbon Fiber+NBR

SIZE AVAILABILITY (IN ACCORDANCE WITH FLANGE STANDARD)

- * **ASME B16.5 :** up to 24"
- * **ASME B16.47 :** up to 60"
- * **ASME SEC. VIII, DIV. II :** up to 100"
- * **DIN EN 1514 :** up to DN4000



PIPING ACCESSORIES

BOLT & NUTS

PRUDUCTS



Anchor bolt



Eye bolt set 2



Heavy hex bolt



High-tensile-bolt



Stud bolt



U-bolt

STOCK

50T

RANGE

AS PER
CODE

ANNUAL
PRODUCTION

1,000T

GRADE MARK AND MECHANICAL PROPERTY

SPECIFICATION	FASTNER DESCRIPTION	MATERIAL	NOMINAL SIZE RANGE
KS B0233 JIS B1051 4T, 4.6 etc	Bolt Screw Stud	Carbon Steel	-
KS B0233 JIS B1051 8.8		Medium Carbon or Low Carbon Martensite Steel	d≤16
KS B0233 JIS B1051 10.9		Alloy Steel	d>16
KS B0233 JIS B1051 12.9		Low Carbon Martensite Steel	-
		Alloy Steel	-
KS B1010 JIS B1186 F8T	High Strength Bolt	-	-
KS B1010 JIS B1186 F10T			M12 ~ M30
KS B1010 JIS B1186 F11T			-
SAE J995 GR 2	Nut	Carbon Steel	1/4" ~ 1 1/2"
SAE J995 Gr 5			1/4" ~ 1"
			over 1" ~ 1 1/2"
SAE J995 Gr 8			1/4" ~ 5/8"
			over 5/8" ~ 1"
ASTM A194 / 194M Gr 1	Carbon and Alloy Steel Nut	Carbon Steel	over 1" ~ 1 1/2"
ASTM A194 / 194M Gr 2H			1/4" ~ 4"
ASTM A194 / 194M Gr 4			1/4" ~ 1 1/2" (M36)
ASTM A194 / 194M Gr 7			over 1 1/2" (M36) ~ 4"
ASTM A194 / 194M Gr 8			1/4" ~ 4"
ASTM A194 / 194M Gr 8M			1/4" ~ 4"
ASTM A194 Gr 16	Carbon and Alloy Steel Nut	Cr-Mo-Va Alloy Steel	1/4" ~ 4"
ASTM A194 Gr 8C			1/4" ~ 4"
ASTM A194 Gr 8T			1/4" ~ 4"
ASTM A563 Gr 0	Carbon and Alloy Steel Nut	Carbon Steel and Alloy Steel	1/4" ~ 4"
ASTM 563 Gr A			1/4" ~ 4"
			1/4" ~ 1 1/2"
ASTM 563 Gr B			1/4" ~ 1"
			1 1/8" ~ 1 1/2"
			1/4" ~ 1"
ASTm A563 Gr C			1 1/8" ~ 1 1/2"
ASTM 563 Gr DH			1/4" ~ 4"
ASTM A563M Gr 8S			1/4" ~ 4"
ASTM A563M Gr 10S			M12 ~ M36
KS B0234 JIS B1052 4T	Nut	Carbon Steel	M12 ~ M36
			M1.6 ~ M39
KS B0234 JIS B1052 8T			M1.6 ~ M39
KS B0234 JIS B1052 10T	M1.6 ~ M39		
KS B1010 JIS B1186 F8	High Strength Nut	-	M12 ~ M30
KS B1010 JIS B1186 F10T			M12 ~ M30

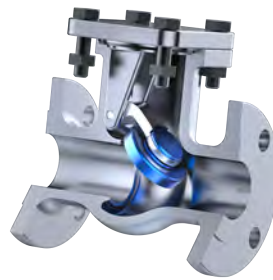
PIPING ACCESSORIES

VALVE

PRODUCT



ANGLE VALVE



CHECK VALVE



BUTTERFLY VALVE



BALL VALVE



GATE VALVE



GLOBE VALVE

VALVE PRODUCTION RANGE

UNIT : NPS

Type \ Class	150	300	600	900	1500	2500
GATE	2 - ∞	2 - 80	2 - 48	2 - 48	2 - 30	2 - 30
GLOBE	2 - 64	2 - 64	2 - 36	2 - 36	2 - 24	2 - 24
CHECK	2 - 64	2 - 64	2 - 48	2 - 36	2 - 30	2 - 30
BALL	2 - 36	2 - 36	2 - 36	2 - 36	2 - 36	2 - 36
ANGLE	2 - 24	2 - 24	2 - 24	2 - 24	2 - 24	2 - 24
BUTTERFLY	1 1/2 - 48	1 1/2 - 48	1 1/2 - 48	1 1/2 - 48	-	-

PRODUCTION MATERIAL

- * **Carbon Steel** : ASTM A216-WCB or Equivalent
- * **Alloy Steel** : ASTM A217-WC6, WC9, C5, C12, C12A or Equivalent
- * **Stainless Steel** : ASTM A351-CF8, CF8M, CF3, CF3M, CN7M or Equivalent
- * **Duplex Stainless Steel** : ASTM A995-1A, 2A, 4A, 5A or Equivalent
- * **Special Alloy Steel** : Inconel 625, Incoloy 825, Hastelloy C, Monel, AL-BRONZE
- * **ASME SA designation material (e.g ASME SA217-WC6)**

