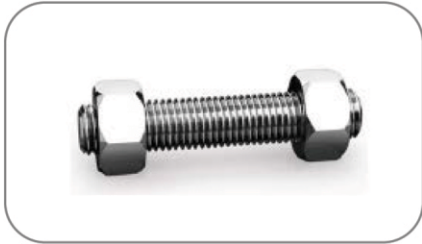
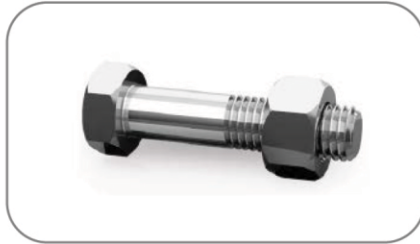


BOLTING MATERIALS

BOLT



Stud Bolt



Hex Head Bolt



Socket Head Bolt

NUT



Hex Head Nut



Square Head Nut



Hex Flange Nut



Cap Nut

WASHER



Plane Washer



Square Washer

BOLTING MATERIALS

SPECIFICATION OF PRODUCTS

Description	Material	Dimension	Range
HEX BOLT	A193,A320,A437,A449,A453,J429	ASME B18.2.1 / ANSI B18.2.3.5M	1/4" ~ 4" / M5 ~ M100
HEAVY HEX BOLT	A193,A320,A437,A449,A453	ASME B18.2.1 / ANSI B18.2.3.6M	3/8" ~ 3" / M12 ~ M36
HEX CAP SCREW	A193,A320,A437,A449,A453	ASME B18.2.1 / ANSI B18.2.3.1M	1/4" ~ 3" / M5 ~ M100
HEAVY HEX CAP CSREW	A193,A320,A437,A449,A453,J429	ASME B18.2.1 / ANSI B18.2.3.3M	3/8" ~ 6" / M12 ~ M36
SQUARE HEAD BOLT	A193,A307,S45C,S20C,SS400	ASME B18.2.1	1/4" ~ 1-1/2"
HEX & HEX JAM NUT	A194,A453,A563	ASME B18.2.2 / ANSI B18.2.4.1M	1/4" ~ 4" / M1.6 ~ M36
HEX SLOTTED NUT	A194,A563	ASME B18.2.2 / ANSI B18.2.4.3M	1/4" ~ 1-1/2" / M5 ~ M36
HEX THICK NUT	A194,A563	ASME B18.2.2	1/4" ~ 1-1/2"
HEAVY HEX & HEAVY HEX JAM NUT	A194,A453,A563	ASME B18.2.2 / ANSI B18.2.4.6M	1/4" ~ 4" / M12 ~ M100
HEX COUPLING NUT	A194,A563	ASME B18.2.2	No.6 ~ 6"
ROUND HEAD BOLT	A193,A307	ASME B18.5	No.10 ~ 1"
STUD BOLT	A193,A307,A540,A564	ASME B18.31.2 ,B16.5, IFI136 / IFI528	1/4" ~ 4" / M5 ~ M100
HEX SOCKET HEAD CAP SCREW	A574,AISI4135,AISI4140	ASME B18.3 / ANSI B18.3.1M	No.0 ~ 4" / M1.6 ~ M48
HEX SOCKET SET SCREW	F912	ASME B18.3 / ANSI B18.3.6M	No.0 ~ 2" / M1.6 ~ M24
HEX SOCKET C.S HEAD SCREW	F835,AISI4140	ASME B18.3.4M	M3 ~ M20
HEAVY HEX STRUCTURAL BOLT	A325,A354,A490	ASME B18.2.6 / ANSI B18.2.3.7M	1/2" ~ 1-1/2" / M16 ~ M36
U-BOLT	A193,A325,SS400	JIS F3022	3/8"[10A] ~ 32"[800A]
ANCHOR BOLT	A36,A307,A540,SF440,S45C,S20C,SS400	JIS B1178	1/2"[M12] ~ 5"[M125]
FLAT HEAD SCREW	A193,A307	ASME B18.6.3 / JIS B1176	No.0 ~ 3/4"
WASHER PLAIN	A240,F436,F844	ASME B18.21.1 / ANSI B18.22M	No.0 ~ 3" / M1.6 ~ M36
HARDENED WASHER	F436M	IFI542	M12 ~ M100
WASHER SQUIRE	F436,S45C,SS400	IFI534	1/2" ~ 1-1/2" / M12 ~ M36
PLUG	A105,A182,A350	ANSI B16.11	1/8" ~ 4"

HOT-DIP GALVANIZED COATING

ASTM A123	IRON AND STEEL PRODUCT
ASTM A153	IRON AND STEEL HARDWARE
ISO 10684	FASTENER