



- Dream Maker -

Tube & Pipe fabrication service

Our staffs have more than A.V.G Eight years of working experience in the fields of steel work. Due to nature of work as fabrication, we fabricate seamless & welded tubes for our own steel work programs, project coordination service, technical consultation service , exportation & etc ...

Through these expansion of work, related fields of biz partners come to find us for cooperation & sometimes, foreign company often realizes the needs of local biz partners especially in Korea for executing project in terms of procurement, fabrication, coordination work to get easier, safer & secure channels to get a package solution
KBIS can offer fabrication service of carbon seamless tubes and procurement services of pipes for below applications

Main application sectors of our products

- OIL & GAS
- AUTOMOTIVE
- CONSTRUCTION
- POWER & ENERGY
- INFRASTRUCTURE
- LIFE & ENTERTAINMENT

LEADING THE WORLD



Automotive Applications

ASTM A513, A519, A511, A554, A268, A269, A554, A688, A778
JIS : G3445, G3447, G3448, G3459, G3463
KS: D3517



Oil & Gas Applications

API 5L PSL1 & PSL 2 / API 5CT J55, K55, N80-1, N80-Q, L80, P110
ASME/ASTM SA/A53, SA/A134 & SA/A139, SA/A252, SA/A671, SA/A672, SA/A691
ASME/ASTM SA/A312, SA/A358, SA/A409, SA/A790, SA/A928



Petrochemical Applications

ASME/ASTM SA/A 179, SA/A 192, SA/A210, SA/A213, SA/A334, SA/A333, SA/A335
ASME/ASTM SA/A 312, SA/A 376, SA/A790
ASME/ASTM SA/A 213, SA/A 268, SA/A269
JIS : G3459, JIS G3463
DUPLEX : S32304, S31803, S32750/60, S31500



Plant & Equipment Applications

ASME/ASTM SA/A 36, SA/A 283, SA/A204, SA/A285, SA/A302, SA/A387
ASME/ASTM SA/A 572, SA/A 573, SA/A709
ASME/ASTM SA/A 167, SA/A 240



Structure Applications

SAE/AISI: 1010, 1015, 1020, 1025, 1030, 1040, 1045, 1050, 1053, 1055, 1058
5115(H), 5120(H), 5130(H), 5135(H), 5140(H)
DIN: CK10, Ck15, Ck25, Ck30, Ck35, Ck40, Ck45, Ck50, Ck53, Ck55, Ck58
15Cr, 20Cr, 30Cr, 35Cr, 42Cr
JIS G4051, G4052 / ALUMINUM FORM WORK & GANG-FORM WORK

Automotive Applications

Tailor Designed Flat Bar for E.V Battery Pack

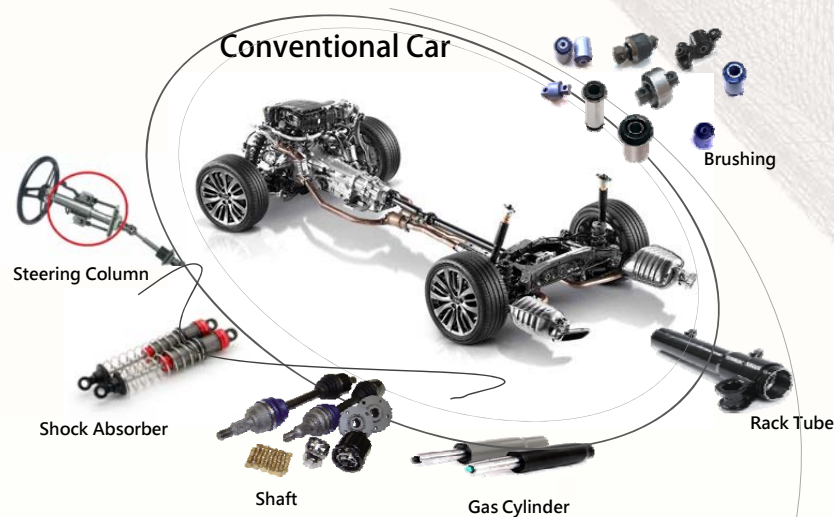
KBIS is able to fabricate Tailor Designed Flat Bar from our production line.

In general, flat bar fabrication requires of experienced operators & optimized production line with a semi automatic equipment for efficiency, effectiveness, & satisfying a required specification. Stainless, corrosion resistant materials are often used for a battery module where a battery contains a bundle of cells in a frame to protect them from external impacts such as physical impact, heat or vibration. Due to a high melting point, stainless steel can be used for module cases where battery needs to be protected from explosion due to mentioned external impacts.

Electric Car



E.V battery Pack



Automotive parts applications of Tubes

Seat frame
Steering Hanger Beam
Steering Shaft
Steering Column
Power Steering
Power Steering Lower Arm,
Shock Absorber
Drive Shafts
Propeller Shaft
Rear axle housing
Door impact beam



Seamless & Welded Tubes for Automotive Applications

ASTM A513 Electronic - Resistance Welded Carbon & Alloy Steel
ASTM A519 Seamless Carbon & Alloy Steel Mechanical Tubing.

ASTM A511 Seamless Stainless Steel Mechanical Tubing.
ASTM A554 Welded Stainless Steel Mechanical Tubing

Applicable grades for Automotive Application
ASTM A268, A269, A554, A688, A778
JIS: G3447 G3448 G3459 G3468 G3463

Product Range
O.D. 15.88 - O.D. 55mm W.T. 0.3 - 3.0 mm Max. 32,000mmL

Petrochemical Applications

Major difference between seamless & welded tubes comes from difference of basic raw materials used & their fabrication method in relations to raw materials used for production purpose.

Welded tube is fabricated by rolling metal sheet then welding it longitudinally across its lengths but seamless tube does not have a seam or a weld joint because it is made from a solid round steel 'billet' heated & pushed or pulled over a form until being shaped into a hollow shape. Due to production process of both types of tubes, basic metal forming process experience might require to select an appropriate sheet material or seamless tube maker with using a good quality billet.

KBIS carefully chooses Manufacturers & Raw material producers to work with. Above all, we work with people with a goodwill to establish the best product basis on outstanding quality control system. We believe that establishment & operation of a good system only comes from understanding the philosophical value of "making a big difference" by supplying safe & qualified products to industrial sectors.

Major Application of Seamless Carbon & Alloy Grades

Mechanical & Pressure applications, Heat Recovery Steam Generator (HRSG), Boiler, Heat Exchanger



KBIS provides the following types of pipes through our vendor system.

SEAMLESS : Pipes Fabricated from a solid round steel 'billet'
LSAW : Longitudinal Seam Submerged Arc Welded
ERW : Electronic Resistant Welded



Seamless of Carbon & Alloy Grades

Seamless Carbon & Alloy Tubes & Pipes

- SA/A179 : Seamless cold drawn low carbon steel tubes for tubular heat exchanger & condenser tubing
- SA/A192 : Specification for seamless carbon steel boiler tubes for high pressure service
- SA/A210 : Seamless medium carbon steel boiler & super heater tubes
- SA/A213 : Seamless ferritic & austenitic alloy steel boiler, super heater & austenitic steel heat-exchanger tubes
- SA/A334 : Seamless & Welded carbon and alloy-steel tubes at low temperatures
- SA/A333 : Seamless & Welded steel pipe for use at low temperature
- SA/A335 : Seamless Ferritic Alloy-steel Pipe for High-temperature service

Product Range

O.D 12.7mm – 406.4 mm, W.T : 0.8mm – 40.49mm Length Max. 24,000mmL



KBIS

- Moving Forwards -

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