

Carbon Steel Boiler and Heat Exchanger Tubes - JIS G3461

Alloy Steel Boiler and Heat Exchanger Tubes - JIS G3462

Application: used for exchanging heat on the inside and outside of the tube, such as water tubes, smoke tubes, superheater tubes, air preheater tubes, etc. of boilers, and heat exchanger industries. it is not applicable to the steel tubes for heating furnace and those for heat exchangers for low temperature service.

Mechanical Properties				
Standard	Grade	Yield Strength (Mpa)	Tensile Strength (Mpa)	Elongation (%)
G3461	STB340	≥ 175	≥ 340	≥ 35
	STB410	≥ 255	≥ 410	≥ 25
	STB510	≥ 295	≥ 510	≥ 25
G3462	STBA22	≥ 206	≥ 412	≥ 30
	STBA23	≥ 206	≥ 412	≥ 30

Chemical Compositions(%)								
Standard	Grade	C	Si	Mn	P	S	Cr	Mo
G3455	STB340	≤ 0.18	≤ 0.35	0.30-0.60	≤ 0.035	≤ 0.035	/	/
	STB410	≤ 0.32	≤ 0.35	0.30-0.80	≤ 0.035	≤ 0.035	/	/
	STB510	≤ 0.25	≤ 0.35	1.00-1.50	≤ 0.035	≤ 0.035	/	/
G3454	STBA22	≤ 0.15	≤ 0.50	0.30-0.60	≤ 0.035	≤ 0.035	0.80-1.25	0.45-0.65
	STBA23	≤ 0.15	0.50-1.00	0.30-0.60	≤ 0.030	≤ 0.030	1.00-1.50	0.45-0.65

Size:

- Outer Dimensions.: 19.05 mm ~ 168.3 mm
- Wall Thickness: 2.0 mm ~ 14 mm
- Length: max 19 meters

Protection:

Pipes are supplied:

- Black and bear
- External varnished with black or clear lacquer

Upon request, pipes ends are protected by plastic caps

Marking:

Pipes are supplied with marking according to standard and customer request.

Marking is paint on the ends of pipes. The same data, as well as additional information per customer's request, is indicated on the bundle's tags.

Delivery:

Pipes are supplied in hexahedral bundles or round bundles tied with steel strip.

Weight of bundle - up to 5000 kg upon request of customer.

Each bundle is furnished with three tags.