



BS4360 WR50A/WR50B/WR50C steel work / steel structure / steel machining parts

BS4360 WR50A/WR50B/WR50C steel work/steel structure/steel machining parts are equally suitable for bolted and riveted structures.

BS4360 WR50A/WR50B/WR50C steel specifies requirements for weldable steels for general structural and engineering purposes in the form of hot-rolled plates, strip, wide flats, flats and bars and for structural steel sections complying with BS 4848: parts 2, 4 and 5 and BS part 1. However, in the case of hollow sections formed from plate and with the seams metal arc welded, this standard covers only the requirements for and plate material.

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chemical composition

Grade	C	Si	Mn	P	S
WR50A	0.03	0-0.05	0.10	0.005-0.010	0.005
WR50B	0.04	0.05	0.10	0.005	0.005
WR50C	0.04	0.05	0.10	0.005	0.005

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mechanical properties



Grade	Minimum tensile strength N/mm ²	Minimum yield strength at 12mm N/mm ²	Charpy V-notch impacts 27J at °C
WR50A	480	345	0
WR50B	480	345	0
WR50C	480	345	-15

BS4360 WR50A/WR50B/WR50C Steel plate length tolerances

Ordered length mm	Tolerances mm
Less than 4000	-0 +20
4000 to less than 6000	-0 +30
6000 to less than 8000	-0 +40
8000 to less than 10000	-0 +50
10000 to less than 15000	-0 +75
15000 up to and including 20000	-0 +100

BS4360 WR50A/WR50B/WR50C Steel work / steel structure/steel machining parts processing equipment:

Semi-automatic cutting machine, Hydraulic shears , H beam assembling machine ,

Submerged arc welding , Co₂ gas shielded arc welding, CNC drilling plane , Edge planer , Shot blasting machine and so on.

Katalor can provide BS4360 WR50A/WR50B/WR50C steel work / steel structure/steel

Office Address: Room 301, Unit 6, lane 2500, xiupu Road, Kangqiao Industrial Area, Pudong New District, Shanghai



Shanghai Katalor Enterprises

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machining parts service include:

heat treatment, test, galvanization, pre-treatment, cutting and so on.

Payment Terms: T/T, Irrevocable at sight L/C or 30 % advance payment, balance by LC .

Katalor Enterprises are mainly engaged in marketing and processing of various specifications of carbon steel coil, carbon steel plate, carbon steel pipe, carbon section steel, stainless steel coil, stainless steel plate, stainless steel pipe, stainless section steel. Not only offering the steel products, Katalor Enterprises also can offer the steel processing service. If you need BS4360 WR50A/WR50B/WR50C steel work/steel

structure/steel machining parts, we can provide for you!

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Shanghai Katalor Enterprises Co., Ltd located in Shanghai of China, is specialized in manufacturing and exporting steel and casting products. Based on the domestic rich product resources and professional research on the international market, Katalor's service has already spread to many countries in Europe, America, Southeast Asia, Middle East, South America, Africa, and so on.

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