

# Database of Steel and Alloy (Marochnik)

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## Characteristics for grade SHKH20SG (ШХ20Г).

|                    |                          |
|--------------------|--------------------------|
| Grade :            | SHKH20SG (ШХ20Г)         |
| Classification :   | Bearing structural steel |
| Equivalent grades: | <a href="#">Go here</a>  |

## Chemical composition in % for grade SHKH20SG (ШХ20Г)

| C       | Si          | Mn        | Ni      | S        | P         | Cr        | Ti       | Cu       | O          |
|---------|-------------|-----------|---------|----------|-----------|-----------|----------|----------|------------|
| 0.9 - 1 | 0.55 - 0.85 | 1.4 - 1.7 | max 0.3 | max 0.02 | max 0.027 | 1.4 - 1.7 | max 0.01 | max 0.25 | max 0.0015 |

|                                                                              |                                     |
|------------------------------------------------------------------------------|-------------------------------------|
| Brinell hardness for SHKH20SG (ШХ20Г) (hot-rolled), Rolled stock GOST 801-78 | HB 10 <sup>-1</sup> = 179 - 217 MPa |
|------------------------------------------------------------------------------|-------------------------------------|

## Equivalent steels for grade SHKH20SG (ШХ20Г)

Warning! Indicated both exact and nearest equivalents.

|                                                  |
|--------------------------------------------------|
| USA                                              |
| -                                                |
| 52100Mod.2<br>52100Mod.3<br>52100Mod.4<br>K19195 |

Database of steels and alloys (Marochnik) contains information about chemical composition and properties more then 2500 steels and alloys (stainless steel, alloy steel, carbone steel, structural steel, tool steel, cast iron, aluminum alloy, titanium alloy, copper alloy, nickel alloy, magnesium alloy and others).  
Helpfull for specialists in grade technology, structural engineer, mechanical engineer, metallurgy and metal trader

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