



SA-268 S44735

<https://www.steelss.com>

High Quality Special Steel Supplier

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SA-268 S44735

Specification for Seamless and Welded Ferritic and Martensitic Stainless Steel Tubing for General Service SA-268 S44735 steel chemical information,mechanical properties, physical properties, mechanical properties, heat treatment, and Micro structure, We can produce round bars, forged rings, forged cakes, flat bars, tubes, sheets, plates, steel wires, steel strips, steel coils, etc. The size can be customized, the maximum order quantity is 100Kg. It also contains the use of **SA-268 S44735**,such as it is commonly used in bars, sheet,plates, steel coils, steel pipes,forged and other materials application.

Data Table for Materials Stainless Steels Specification for Seamless and Welded Ferritic and Martensitic Stainless Steel Tubing for General Service SA-268 S44735

SA-268 S44735 Standard Number

| ITEM | Standard Number | Descriptions |
|------|-----------------|---|
| 1 | SA-268/SA-268M | Specification for Seamless and Welded Ferritic and Martensitic Stainless Steel Tubing for General Service |

SA-268 S44735 Chemical composition(mass fraction)(wt.%)

| Chemical | | Min.(%) | | | | | Max.(%) | | | |
|----------|----|---------|---|---|----|----|---------|---|----|--|
| C | | | | | | | 0.03 | | | |
| Mn | | | | | | | 1.00 | | | |
| Si | | | | | | | 1.00 | | | |
| P | | | | | | | 0.04 | | | |
| S | | | | | | | 0.03 | | | |
| Cr | | 28.00 | | | | | 30.00 | | | |
| Ni | | | | | | | 1.00 | | | |
| Mo | | 3.60 | | | | | 4.20 | | | |
| N | | | | | | | 0.045 | | | |
| C | Si | Mn | P | S | Cr | Ni | Mo | V | Ta | |



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| W | N | Cu | Co | Pb | B | Nb | Al | Ti | Other |
|---|---|----|----|----|---|----|----|----|-------|
| | | | | | | | | | |

SA-268 S44735 Physical Properties

| | | |
|------------------|---------|----------|
| Tensile strength | 115-234 | b/MPa |
| Yield Strength | 23 | 0.2 /MPa |
| Elongation | 65 | 5 (%) |
| | - | (%) |
| Akv | - | Akv /J |
| HBS | 123-321 | - |
| HRC | 30 | - |

SA-268 S44735 Mechanical Properties

| | | |
|------------------|---------|----------|
| Tensile strength | 231-231 | b/MPa |
| Yield Strength | 154 | 0.2 /MPa |
| Elongation | 56 | 5 (%) |
| | - | (%) |
| Akv | - | Akv /J |
| HBS | 235-268 | - |
| HRC | 30 | - |

SA-268 S44735 Heat Treatment Regime

| Annealing | Quenching | Tempering | Normalizing | Q & T |
|-----------|-----------|-----------|-------------|-------|
| ? | ? | ? | ? | ? |

SA-268 S44735 Range of products

| Product type | Products | Dimension | Processes | Deliver Status |
|--------------|----------|-----------|-----------|----------------|
| | | | | |



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| | | | | |
|-----------------|--|----------------------------|---|---|
| Plates / Sheets | Plates / Sheets | 0.08-200mm(T)*W*L | Forging, hot rolling and cold rolling | Annealed, Solution and Aging, Q+T, ACID-WASHED, Shot Blasting |
| Steel Bar | Round Bar, Flat Bar, Square Bar | 8-1200mm*L | Forging, hot rolling and cold rolling, Cast | Black, Rough Turning, Shot Blasting, |
| Coil / Strip | Steel Coil /Steel Strip | 0.03-16.0x1200mm | Cold-Rolled & Hot-Rolled | Annealed, Solution and Aging, Q+T, ACID-WASHED, Shot Blasting |
| Pipes / Tubes | Seamless Pipes/Tubes, Welded Pipes/Tubes | OD:6-219mm x WT:0.5-20.0mm | Hot extrusion, Cold Drawn, Welded | Annealed, Solution and Aging, Q+T, ACID-WASHED |

We can produce Stainless Steels the specifications follows: