



1.4567/AISI 304Cu

CONFIDENTIAL

CHEMICAL COMPOSITION [% weight]

C	Si	Mn	P	S	Cr	Ni	N	Cu
0.04 max	1.00 max	2.00 max	0.045 max	0.03 max	17-19	8.5-10.5	0.10 max	3-4

CHARACTERISTICS AND AREAS OF APPLICATION

Austenitic stainless steel with addition of copper, used for cold plastic deformation operations and mechanical processing with deep drilling, in automatic lathes for motor axles, rivets, screws and fittings.

INDICATIVE MECHANICAL PROPERTIES

[ACCORDING TO EN10088-3 AT HARDENED STATE - ROOM TEMPERATURE]

Metallurgical condition	Rm [N/mm ²]	Rp 0.2 [N/mm ²]	A5 [%] min
Annealed	450-800	175 min	30

WELDABILITY

This steel grade can be welded with no difficulty. Post-welding treatment is not necessary.

CORROSION RESISTANCE

The corrosion resistance of this steel grade is slightly better compared to that of 1.4307

HEAT TREATMENT

ANNEALING > 1050-1100°C/water

[*] The information on this sheet is of a general nature and reflects the contents of the technical regulations. For any specific request or clarification, please contact Eure inox Quality Department.