

Stainless steel balls AISI 302-304-304L / AISI 316- 316L

property

the balls are unhardened, since the corrosion resistance to chemicals and acids is very high, they are excellent in chemistry, pharmaceuticals or related areas with a high chemical stress;

partially low magnetism which can be removed by heat-treatment

applications

Pumps for perfume sprays, aerosol pumps, valves for medical devices, household airbrushing, chemical industry and textile industry, etc.

diameter from 0,50 mm to 150 mm

grade G100 - G1000

ISO 3290 / DIN 5401 / AFBMA

chemical composition

material	C %	Si %	Mn %	P %	S %	Cr %	Mo %	Ni %
AISI 302 1.4310 X12CrNi17.7	0,05- 0,15	≤2,00	≤2,00	≤0,045	≤0,015	16,0- 19,0	≤0,80	6,00- 9,50
AISI 304 1.4301 X5CrNi18-10	≤0,07	≤1,00	≤2,00	≤0,045	≤0,015	17,0- 19,5		8,00- 10,5
AISI 304L 1.4306 X2CrNi19.11	≤0,03	≤1,00	≤2,00	≤0,045	≤0,015	18,0- 20,0		10,0- 12,0
AISI 316 1.4401 X5CrNiMo17 .12.2	≤0,07	≤1,00	≤2,00	≤0,045	≤0,015	16,5- 18,5	2,00- 2,50	10,0- 13,0
AISI 316L 1.4404 X2CrNiMo17 .13.2	≤0,03	≤1,00	≤2,00	≤0,045	≤0,015	16,5- 18,5	2,00- 2,50	10,0- 13,0