

Stainless Steel Shot and Cut Wire

Austenitic, ferritic and martensitic stainless media in cast, conditioned and as-cut form for parts that must stay free of ferrous contamination.

Size available	0.05 mm to 2.5 mm
Grades	SUS304 · SUS302 · SUS202 · SUS201 · SUS430 · SUS410
Standards	AMS 2431/8A, MIL-S-13165C, DIN 8201, VDFI 8001, SAE J441, DQML 001-2008
Products in range	3

Applications

- Aluminium and zinc die casters who cannot accept iron pick-up on the casting surface
- Stainless steel fabricators finishing sheet, tube, vessel and structural work
- Automotive and motorcycle plants blasting non-ferrous components before coating
- Foundries and metallurgy machinery shops running continuous blast wheels

Advantages

- Abrasion resistance is 3 to 5 times greater than cast steel shot, which reduces producing cost
- No rust and no discolouration on the treated surface, so acid treatment and rust removal are not needed
- Matte finish that highlights the natural metal colour

Cast Stainless Steel Shot

Atomized, 0.05 mm to 1.2 mm, SUS304 / 302 / 202 / 201 / 430



SUKIE METAL ABRASIVE CO.,LTD.

Place of Origin	China
Brand Name	SUKIE
Certification	SGS
Model Number	0.1-2.0 mm
Size available	0.05 mm to 1.2 mm, other sizes can be customized
Grain shape	Round grain

Cast stainless steel shot is produced by an atomizing process. The appearance is bright, with no rust and a round grain.

It is widely used for shot blasting of aluminium alloy casting, zinc alloy casting and other non-ferrous metal casting. It makes the casting shiny and highlights the metal colour, with no rusting and no discolouration. Durability is long and wear on the equipment is low. The surface is bright after processing with this product, so no further acid treatment is required.

Chemical composition and specification

Product	Grade	Hardness	C	Si	Mn	Ni	Cr	Density	Size available
Stainless steel shot (SUS304)	Austenite	—	0.08% max	1.0% max	2.0% max	7.8-10%	16-18	7.4 g/cm ³	0.05-1.2 mm
Stainless steel shot (SUS302)	Austenite	—	0.15% max	1.0% max	2.0% max	5-6%	16-18	7.4 g/cm ³	0.05-1.2 mm
Stainless steel shot (SUS202)	Austenite	—	0.15% max	1.0% max	2.0% max	4-5%	16-18	7.4 g/cm ³	0.1-0.4 mm
Stainless steel shot (SUS201)	Austenite	—	0.15% max	1.0% max	2.0% max	3-4%	16-18	7.4 g/cm ³	0.05-1.2 mm

Product	Grade	Hardness	C	Si	Mn	Ni	Cr	Density	Size available
Stainless steel shot (SUS430)	Austenite	—	0.12% max	0.75% max	1.2%	/	15-16	7.4 g/cm ³	0.05-1.2 mm

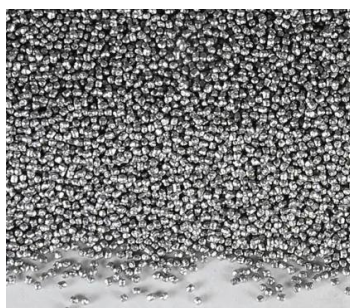
Chemical composition in %. Grade and hardness columns as published by Sukie.

Commercial terms

Minimum Order Quantity	500 kg
Packaging Details	25 kg/bag, 40 bags/pallet
Delivery Time	1-7 days
Payment Terms	T/T, Western Union
Supply Ability	1,000,000 kg

Stainless Steel Shot Conditioned

SUS304 / 302 / 202 / 201 / 430 / 410, 0.2 mm to 2.5 mm, 300-600 HV



SUKIE METAL ABRASIVE CO.,LTD.

Place of Origin	China
Brand Name	SUKIE
Certification	SGS
Model Number	0.1-2.0 mm
Size available	0.2 mm to 2.5 mm, other sizes can be customized
Grain shape	Conditioned, round

Stainless steel shot conditioned is produced by drawing into wire, cutting, then grinding and conditioning into roundness, followed by other refined procedures. The appearance is bright, with no rust and a round conditioned grain shape.

It is widely used for cleaning, deburring, surface improvement, shot blasting and shot peening of aluminium, non-ferrous metals, zinc alloys and stainless steel precision parts. It gives the workpiece a matte finish, highlights the metal colour and leaves no rust, so acid treatment and rust removal are not needed. Abrasion resistance is 3 to 5 times greater than cast steel shot, which reduces producing cost.

The series is currently used in non-ferrous metal casting, automobile, motorcycle, shipbuilding, aviation, steel plate, cylinder, steel structure and metallurgy machinery surface improvement.

Chemical composition and specification

Product	Grade	Hardness	C	Si	Mn	Ni	Cr	Density	Test
Stainless steel shot (SUS304)	Austenite	300-600 HV	0.08% max	1.0% max	2.0% max	8.0-10.0%	17-19	7.9 g/cm ³	Pass
Stainless steel shot (SUS302)	Austenite	—	0.08% max	1.0% max	2.0% max	4.0-6.0%	16-18	7.9 g/cm ³	Pass
Stainless steel shot (SUS430)	Ferrite	—	0.12% max	0.75% max	1.2%	/	16-18	7.9 g/cm ³	Pass
Stainless steel shot (SUS410)	Martensite	—	0.10%	1.0% max	1.2%	/	11-13	7.9 g/cm ³	Pass

Chemical composition in %. Hardness of 300-600 HV is published against the SUS304 row.

Commercial terms

Minimum Order Quantity	500 kg
Packaging Details	25 kg/bag, 40 bags/pallet
Delivery Time	1-7 days

Payment Terms	T/T, Western Union
Supply Ability	1,000,000 kg

Stainless Steel Cut Wire Shot As Cut

SUS304 / 302 / 202 / 201 / 430 / 410, 0.2 mm to 2.5 mm



SUKIE METAL ABRASIVE CO.LTD.

Place of Origin	China
Brand Name	SUKIE
Model Number	0.2-2.0 mm
Material	SUS304 / 302 / 202 / 201 / 430 / 410
Usage	Shot blasting, shot peening, surface treatment
Abrasive Grain Sizes	0.2 mm to 2.5 mm
Size available	0.2 mm to 2.5 mm, other sizes can be customized
Grain shape	As cut, cylindrical

Stainless steel cut wire shot in the as-cut condition is produced by drawing into wire and cutting, with the option of grinding and conditioning into roundness. Length equals diameter on every grain.

It is widely used for cleaning, deburring, surface improvement, shot blasting and shot peening of aluminium, non-ferrous metals, zinc alloys and stainless steel precision parts. The workpiece takes a matte finish, the metal colour is highlighted and no rust is left, so acid treatment and rust removal are not needed. Abrasion resistance is 3 to 5 times greater than cast steel shot.

Chemical composition and specification

Product	Grade	Hardness	C	Si	Mn	Ni	Cr	Density	Test
Stainless steel shot (SUS304)	Austenite	300-600 HV	0.08% max	1.0% max	2.0% max	8.0-10.0%	17-19	7.9 g/cm ³	Pass
Stainless steel shot (SUS302)	Austenite	—	0.08% max	1.0% max	2.0% max	4.0-6.0%	16-18	7.9 g/cm ³	Pass
Stainless steel shot (SUS430)	Ferrite	—	0.12% max	0.75% max	1.2%	/	16-18	7.9 g/cm ³	Pass
Stainless steel shot (SUS410)	Martensite	—	0.10%	1.0% max	1.2%	/	11-13	7.9 g/cm ³	Pass

Chemical composition in %.

Commercial terms

Minimum Order Quantity	500 kg
Packaging Details	25 kg/bag, 40 bags/pallet
Delivery Time	3 days
Payment Terms	T/T
Supply Ability	500,000 kg/month

Ordering

Send the substrate, the grain size or target finish, your monthly tonnage and the destination port. WhatsApp +86 158 6926 6303 or email sale@sukiemetal.com.