

AMSTEK METAL

Quality and service with a personal touch

About Amstek Metal

Operated by the Stevens family and in its fourth generation, Amstek Metal draws on over 100 years experience in supplying specialty steels to precision metal manufacturing industries.

As a two-location U.S. service center with both general and dedicated inventory positions, Amstek Metal offers a variety of products for a diverse customer base. Markets served include: Appliance, Automotive, Consumer Products, Electronics, Energy, Industrial Products, Medical and Telecommunications. Our primary inventories include stainless steel flat and round products as well as high carbon strip and wire items for specific applications.

Mission

To profitably source and deliver the world's finest wire and specialty strip materials to our customers.

We will continue to develop long-term partnerships with our customers, co-workers, and suppliers.

Solutions

- Global Supply Partners to Meet Specific Production and Procurement Requirements
- Precision Processing and Measuring Equipment
- Inventory Management Systems
- Continuous Capital Improvement Programs to Support the Market
- Prototype Quantities Available for PPAPs
- RoHS and DFARS Compliant
- Quality Control Systems with SPC and EDI Capabilities

About Amstek Metal



The precision you expect

Our shimless tooling enables us to control width tolerance down to $\pm .001$ and burr height to less than 5% of metal thickness. Combined with less than commercial camber, the quality strip you receive can feed through complicated forming tools.

We welcome tough jobs

Our skilled and committed personnel are trained to meet or exceed engineered requirements to closer than commercial tolerances. The capabilities of our slitting lines allow us to slit .100" and wider in gauges from .001" to .062".

Benefit from treated edges

Skived edges are available in widths from .187" to 2" and gauges from .008 to .032. A No. 5 deburred edge is available in widths from .187" to 12.00" and in gauges from .001" to .062".

Charting the path to perfection

Statistical process control procedures ensure you have the best quality along with the traceability of every coil. Using our automated measure-link system, we provide gauge and width chart analysis upon request. Our Quality Improvement Teams continuously strive for zero defects.

Packaging

Pancake Coils With Spacers

Oscillated Coils

Shrouded Skids

Custom Crates And Skids As Requested

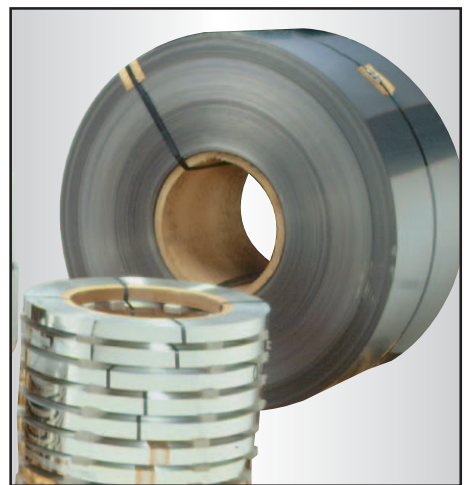
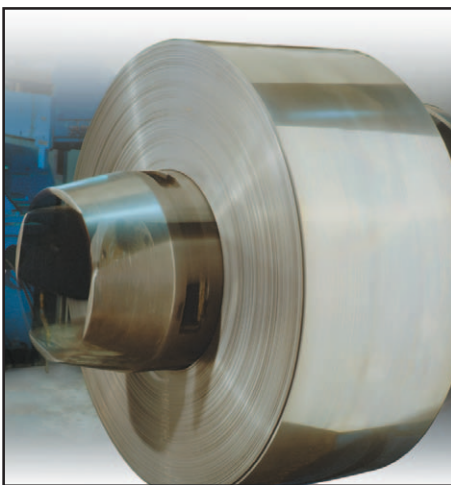


Stainless and Carbon Steel Strip

STRIP INVENTORY STOCKING PROGRAMS

Gauge Range	Stainless Steel Grades										Carbon Steel Grades									
	Standard Gauge Tolerance	Annealed & Tempered					Annealed		Edges		Standard Gauge Tolerance	Annealed				Tempered		Edges		
		T301	T302	T304	T316	T321	T409	T430	#1 Round	#5 Deburred		1050	1060	1074	1095	1074	1095	#1 Round	#4 Round	#5 Deburred
.002-.007	+/- .0005		•					•	•	•	+/- 5%				•		•		•	•
.007-.009	+/- .00075	•	•					•	•	•	+/- 5%			•	•		•		•	•
.010-.013	+/- .00075	•	•	•	•	•		•	•	•	+/- 5%	•		•	•	•	•	•	•	•
.014-.015	+/- .00075	•	•	•	•	•		•	•	•	+/- 5%	•		•	•	•	•	•	•	•
.016-.020	+/- .0001	•	•	•	•	•		•	•	•	+/- .001	•		•	•	•	•	•	•	•
.021-.023	+/- .0001	•	•	•	•	•		•	•	•	+/- .001	•	•	•	•	•	•	•	•	•
.024-.026	+/- .0001	•	•	•	•	•		•	•	•	+/- .001	•	•	•	•	•	•	•	•	•
.027-.029	+/- .0001	•	•	•	•	•	•	•	•	•	+/- .001	•	•	•	•	•	•	•	•	•
.030-.032	+/- .00015	•	•	•	•	•	•	•	•	•	+/- .0015	•	•	•	•	•	•	•	•	•
.033-.035	+/- .00015			•	•	•	•			•	+/- .0015	•		•	•	•			•	•
.036-.040	+/- .0002			•	•	•	•			•	+/- .002	•		•	•	•	•		•	•
.041-.050	+/- .0002			•	•	•	•			•	+/- .0025	•		•	•	•	•		•	•
.051-.069	+/- .0002						•			•	+/- .003	•		•	•	•	•		•	•

Less than Standard Gauge Tolerances are stocked and available
 Other stainless steel and carbon steel grades and finishes are available upon request
 Sheets available as custom programs



Strip and Sheet Inventory

Customer Satisfaction

Amstek Metal supplies spring and forming wires in a variety of packages and tempers—from wrapped coils to heavy weight reels, cores, and carriers for longer run production.

As part of our ISO 9001: 2000 system, we require 100% material traceability. In addition, we measure on-time delivery performance to meet our goal of 100% reliability. Meeting or exceeding customer requirements will continue to be our number one goal.

Packaging

- Wrapped Coils
- Continuous Coils On Carriers
- Steel Reels—22" and 30"
- Variety Of Plastic Spools

Applications

- General Spring
- Medical
- Electronics & Information Technology
- Forming
- Home Appliance & Hardware
- Automotive



Stainless and Carbon Steel Wire

WIRE INVENTORY STOCKING PROGRAMS

PACKAGING SPECIFICATIONS							Carbon Steel Spring Wires		Stainless Steel Spring Wires			
							Oil Tempered Chrome Silicon	Music Wire	T302			
Gauge Range	Package		Barrel ID	Width	Flange OD	Arbor Hole	Weight (Lbs.)	Commercial /Clutch ASTM A401	Valve Quality ASTM A877	Phosphate Coated ASTM A228	Non-Metallic Coated ASTM A313	Nickel Coated ASTM A313
.008-.020	S P O O L S	DIN 250	6.3	7.8	9.8	0.87	44 Max			•	•	•
.008-.032		DIN 355	8.8	7.8	14	1.4	88 Max			•	•	•
.008-.053		SH 390	12	4	15	12	30 Max			•	•	•
.008-.053		SH 460	12	4	18	12	50-90			•	•	•
.020-.060	R E E L S	22"	14	10.8	22.0	1.3	330 Max	•		•	•	•
.020-.118		30"	16	11.8	30.0	1.3	770 Max	•		•	•	•
.020-.118		Z.2	14	11.8	26.9	14	880	•	•	•	•	•
.060-.256		Z.3	21.6	22	33.5	21.6	2200			•	•	•
Gauge Range	C O I L S		ID Range		OD Range		Weight (Lbs.)					
.008-.012			6-7		10-12		20 Max	•		•	•	•
.013-.017			6-8		11-13		25 Max	•		•	•	•
.018-.019			6-8		11-13		45 Max	•		•	•	•
.020-.030			9-11		13-15		75-130	•		•	•	•
.031-.055			11-13		18-22		135-165	•		•	•	•
.056-.079			19-21		26-30		550-660	•	•	•	•	•
.080-.157			19-21		26-30		630-660	•	•	•	•	•
.158+			24-26		33-37		1,100-1,500	•	•	•	•	•
.163+			CARRIERS	19-26		25-30		1,100-2,200	•		•	•

Stainless Steel Wires T304, T316, T321, and 17-7PH
 Stainless and Carbon Steel Forming Wires In All Finishes and Tempers
 Customized Packaging and Products
 Shaped wires available as custom programs

Wire Inventory

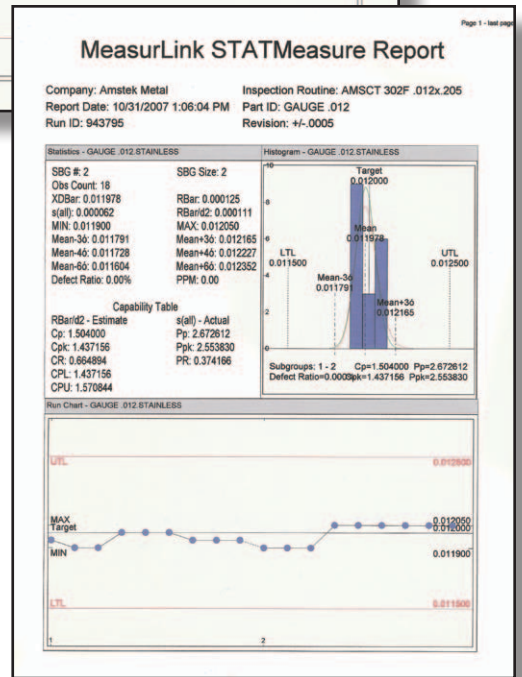
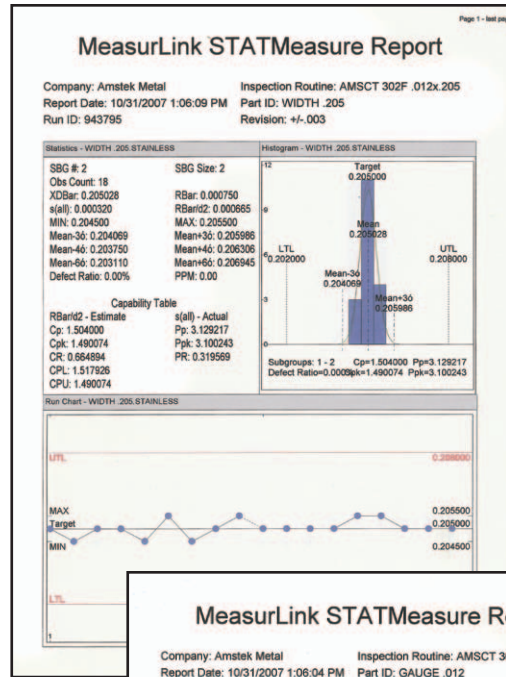
**COMMITMENT TO EXCELLENT SERVICE
QUALITY POLICY**

- Our Quality Objective is complete customer satisfaction.
- We will provide products and services that fully meet the requirements of our customers and coworkers—on-time every time.
- We will base our Quality Management System on continual improvement, and defect prevention. We will measure these quality objectives against our internal improvement standards.
- We will thoroughly understand our jobs and the systems that support us.

Amstek Metal personnel are working to continuously source the needs of customers and to establish either direct shipment supply or stocking programs for “Just-In-Time” deliveries.

Amstek Metal customers experience consistent high-quality products and timely service. Stocking locations at Joliet, IL and Farmington, CT are ISO 9001: 2000 certified facilities. Conformance to these standards is maintained through internal audits and employee education and training.

Amstek Metal material suppliers are carefully selected and monitored as part of the ISO 9001: 2000 quality system. All material is specified and 100% traceable.



Quality

AMSTEK METAL

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