

### Types of pins:

Flat, Nail head	Contact Pins	Dart pins
Round nail heads	Screw base pins	Picker pins
Screw in hex head pins	Music pins	Gill pins
Music pins	Custom pins	Wool comb pins
Honing pins	Axle pins	Ice chipper pins
Scriber hook pins	Skewering pins	Compass points
Textile picker teeth	Talon pins	Perforating pins
Slat pins	Pet care pins	Embossing pins
Comber pins	Knurled base pins	Core pins
Ejector pins	Punch pins	Dipping pins
Assembly pins	Spear point pins	Razor pins
Diaphragm pins	Ice pick pins	Awl point pins
Firing pins	Paint dipping pins	Cooking pins
Quilting pins	Medical pins	Folder pins
<b>Materials:</b>	High Carbon Steel	Stainless Steel
Chrome Alloy	Tool Steel	Monel
Delrin	Brass and other materials available.	Heat treating, Tempering, available



**Stewarts of America, Inc.**

*"On the sharp End of Pinpoint Technology"*

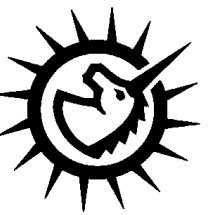
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STANDARD PIN AND NEEDLE DIAMETERS



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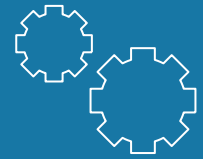
STANDARD PIN AND NEEDLE DIAMETERS



## Precision Pins, Needles and Pointed Wire Products standard wire size table

GAGE	Ø INCHES	Ø MM
1	.300	7.62
2	.276	7.01
3	.250	6.35
4	.235	5.97
5	.212	5.39
6	.192	4.88
7	.176	4.47
8	.160	4.06
9	.148	3.76
10	.132	3.35
11	.116	2.95
12	.103	2.62
13	.092	2.34
14	.078	1.98
15	.0705	1.79
16	.064	1.63

GAGE	INCHES	MM
17	.056	1.42
18	.048	1.22
19	.042	1.07
20	.039	.99
21	.0345	.88
22	.031	.79
23	.028	.71
24	.0245	.62
25	.02106	.535
26	.0195	.5
27	.0175	.44
28	.015	.38
29	.014	.355
30	.013	.33
31	.012	.30
32	.011	.28



### CUSTOM SOLUTIONS

Stewarts of America have the ability to design and manufacture custom pins, needles and pointed wire products for your specific application. Stewart's of America's engineers are well versed in a wide range of materials. From pointed pins to custom made profiles, Stewart's of America are your partners for the *Perfect Pin Solution*.



### WEB SOLUTIONS

Visit our comprehensive website for a insight of other innovative Pinned Product solutions Stewart's of America offers the Industry. Signup for our e-newsletter, or download informative brochures at [www.StewartsofAmerica.com](http://www.StewartsofAmerica.com)



### GLOBAL SOLUTIONS

Stewarts of America has agents and offices worldwide. We ship to over 50 countries, and have a network of knowledgeable local agents.

Let us know what area of the world you are located in, and we will be able to send you the contact information to receive assistance locally.

