

SENCO - Frequently Asked Questions

FINE WIRE STAPLE APPLICATIONS

Q: I see a lot of choices under the “fine-wire staples” on your staple chart in the SENCO full-line catalog. **Would you please explain the specific applications for each of the fine-wire staples?**

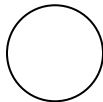
A: At the root of this question are physical reasons of why each fine-wire staple works well for a given application. The answer lies in having some familiarity of the unique shape and size of the wire that is used to make each staple.

Staples are formed from raw wire. It’s helpful to think of wire as being either *fine* (round) or *flat* (ribbon-like). The category of SENCO fine-wire staples includes both kinds.

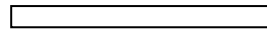
Most people have stapled paper using the office-type stapler. The office paper stapler utilizes a *fine-wire* staple, it’s formed from a round type of wire, the thin profile of the wire does a fine job of piercing through sheets of paper, the wire is flexible enough to bend against the anvil plate of the stapler, and it nicely folds back against the back page of your documents.

You might also be familiar with flat-wire staples. If you have ever used the hand-squeeze type of stapling tools, which are great tools for installing paper against wood, and other jobs where a fine-wire staple might tear through the materials you are stapling, then you have seen *flat-wire* staples. A flat-wire staple measures thin north-to-south (thickness), and measures wide east-to-west (width).

Cross-section views:



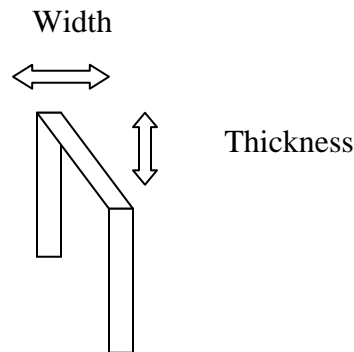
Round-wire



Flat-wire

More >>>>>

SENCO shows the specific ‘width and thickness’ measurements on the staple chart to try and give customers a clearer idea of the shape of the wire.



On the staple chart, you will see width and thickness measurements of all the staples. When the measurements greatly differ (.050 X .019) the wire is flat. And when the measurements are closer together (.030 X .0215) the wire is fine.

Here are the wire size dimensions and crown-size of the SENCO fine-wire staples:

A	.030 X .0215	round	3/16"
B	.030 X .0215	round	1/2"
C	.030 X .0215	round	3/8"
D	.030 X .0215	round	3/16"
E	.050 X .019	flat	3/16"
F	.050 X .019	flat	1/2"
G	.045 X .023	flat	3/8"
H	.050 X .019	flat	7/16"
J	.075 X .023	flat	7/16"
W	.032 X .025	round	3/16"

Let's apply what you now know to a specific application...

Upholstering is one of the most popular applications for SENCO fine-wire staples. If you consider the possible choices materials that might be used in upholstering a chair, you want to use a staple that does the best possible job in securing your material to the chair. You don't want your staple to tear through the material, or promote a tearing after the staple is in place.

Most cloth-like upholstery fabrics are installed using the C or B wire staples because the round wire will drive fully to the work surface, it holds the fabric snugly, and it prevents cutting the threads of the fabric. The B and C series staples are also lower-cost when compared to the flat-wire choices, the finer the wire, the lower the cost.

On the other hand, let's say you want to install a vinyl chair covering. Vinyl is more often installed with the flat-wire staples like the F or G. The flat staples have a *hit-and-stop*

action by nature of the flatness of the wire. The flat-wire staples will resist tearing when the staple crown hits the vinyl surface. Since vinyl offers a greater lateral pull than cloth, the heavier wire flat staples better holding strength than a fine staple.

The primary point – be familiar with the wire size, crown size, and leg length before you order the fine-wire stapler for your application. Hopefully the information presented here will provide you with the ability to make the correct choice.

Common Applications of the Fine-Wire Staples:

- A - fine wood trim, plastic parts
- B - upholstery (vinyl or fabric)
- C - upholstery (fabric), picture frame fitting
- D - fine wood trim, batten strips
- E - case backs, wood baskets, plastic parts
- F - roof felt, paper-face insulation, upholstery
- G - upholstery (vinyl), roof felt, paper-to-wood
- H - roof felt, paper-face insulation
- J - corrugated box layer-to-layer
- W – wood trim (staple being phased out)

Staple choices:

Item Code	Description	M.S.R.P./MM.S.R.P./Box	Qty/ Box
A03GCAN	3/16" Crn, 3/16" Leg, Liquor, Plain	1.96	19.57 10m
A04BAAN	3/16" Crn Staples 1/4" Leg, Galv.	1.33	13.29 10m
A06BABN	3/16" Crn, 3/8" Leg, Galv., Sencote	1.76	52.71 30m
A06BABP	3/16" Crn, 3/8" Leg, Galv., Sencote	1.70	68.00 40m
A08BAB	3/16" Crn, 1/2" Leg, Galv., Sencote	1.86	37.14 20m
A08BABP	3/16" Crn, 1/2" Leg, Galv., Sencote	1.70	51.00 30m
A08BCAN	3/16" Crn, 1/2" Leg, Liquor, Plain	1.94	19.43 10m
B03BAAP	1/2" Crn, 3/16" Leg, Galv., Plain	0.60	21.00 35m
B04BAAPN	1/2" Crn, 1/4" Leg, Galv., Plain	0.56	13.93 25m

B05BAAP	1/2" Crn, 5/16" Leg, Galv., Plain	0.71	32.14	45m
B06BAAP	1/2" Crn, 3/8" Leg, Galv., Plain	0.61	24.57	40m
B08BAAP	1/2" Crn, 1/2" Leg, Galv., Plain	0.66	16.43	25m
C02BAAPN	3/8" Crn, 5/32" Leg, Galv., Plain	0.50	30.00	60m
C03BAAPN	3/8" Crn, 3/16" Leg, Galv., Plain	0.46	25.14	55m
C04BAAP	3/8" Crn, 1/4" Leg, Galv., Plain	0.40	14.00	35m
C05BAAPN	3/8" Crn, 5/16" Leg, Galv., Plain	0.56	15.60	28m
C06BAAP	3/8" Crn, 3/8" Leg, Galv., Plain	0.46	22.86	50m
C06BGA	3/8" Crn, 3/8" Leg, Stainless, Plain	2.06	20.57	10m
C06BGAP	3/8" Crn, 3/8" Leg, Stainless, Plain	1.90	47.50	25m
C07BAAPN	3/8" Crn, 7/16" Leg, Galv., Plain	0.46	18.29	40m
C08BAAP	3/8" Crn, 1/2" Leg, Galv., Plain	0.47	16.50	35m
C10BAAPN	3/8" Crn, 5/8" Leg, Galv., Plain	0.61	16.59	27m
D10BABN	3/16" Crn, 5/8" Leg, Galv., Sencote	1.34	26.86	20m
D10BABPN	3/16" Crn, 5/8" Leg, Galv., Sencote	1.29	29.57	23m
E06BAA	3/16" Crn, 3/8" Leg, Galv., Plain	1.70	17.00	10m
E07GAAN	3/16" Crn, 7/16" Leg, Galv., Plain	2.33	23.29	10m
E08BAA	3/16" Crn, 1/2" Leg, Galv., Plain	1.84	18.43	10m
E10BAA	3/16" Crn, 5/8" Leg, Galv., Plain	2.50	12.50	5m
F04BAAN	1/2" Crn, 1/4" Leg, Galv., Plain	1.43	14.29	10m
F04BAAP	1/2" Crn, 1/4" Leg, Galv., Plain	1.37	23.31	17m
F05BAA	1/2" Crn, 5/16" Leg, Galv., Plain	1.51	15.14	10m
F05BAAP	1/2" Crn, 5/16" Leg, Galv., Plain	1.44	34.63	24m
F06BAA	1/2" Crn, 3/8" Leg, Galv., Plain	1.43	14.29	10m
F06BAAP	1/2" Crn, 3/8" Leg, Galv., Plain	1.37	32.91	24m
F06BGA	1/2" Crn, 3/8" Leg, Stainless, Plain	9.17	91.71	10m
F08BAAN	1/2" Crn, 1/2" Leg, Galv., Plain	1.53	15.29	10m
F08BAAP	1/2" Crn, 1/2" Leg, Galv., Plain	1.46	21.86	15m
G04BAAN	3/8" Crn, 1/4" Leg, Galv., Plain	1.37	13.71	10m

G06BABN	3/8" Crn, 3/8" Leg, Galv., Sencote	2.14	10.71	5m
G08BAB	3/8" Crn, 1/2" Leg, Galv., Sencote	2.04	10.21	5m
G10BAB	3/8" Crn, 5/8" Leg, Galv., Sencote	2.24	11.21	5m
H06BAAN	7/16" Crn, 3/8" Leg, Galv., Plain	2.01	8.06	4m
J06BAA	7/16" Crn, 3/8" Leg, Galv., Plain	2.71	13.57	5m
J08BAAN	7/16" Crn, 1/2" Leg, Galv., Plain	2.64	13.21	5m
J10BAAN	7/16" Crn, 5/8" Leg, Galv., Plain	2.89	14.43	5m

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