

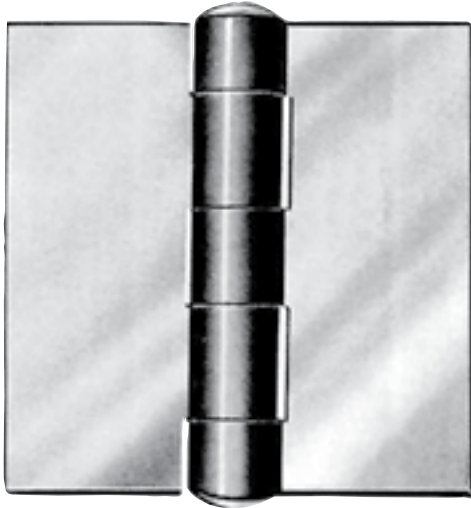
**Butt Hinges Heavy / Light Weight**

Inch

**Charnières épaisses / légères**

Pouce

**BUTT HINGES — Steel, Not Plated**



**Pin: RIVETED or LOOSE**  
**Pin Material: STEEL or BRASS**

**HEAVY WEIGHT**  
**BLANK**  
 (NO HOLES)

PKG QTY. 1



**NARROW WIDTH**  
**BLANK**  
 (NO HOLES)

**Not Swaged**

All butt hinges for surface application are NOT swaged. Hinges not swaged are also termed Flat Back. Hinges not swaged (flat back hinges) are slightly less in width than swaged hinges.

Not Swaged - for Surface Application

Flat Surface - Not Swaged  
 Riveted Pins - STEEL or BRASS



hinge opened

hinge closed

Style	Size (open)	Gauge of Metal	SPAENAUR No.		
			Riveted Pin		Loose Pin
			STEEL Pin	BRASS Pin	STEEL Pin
<b>BUTT Heavy Weight</b>	1" x 1"	.037"	098-160 (4 Knuckle Only and Flush Cut Pin)		
	2" x 2"	.104"	098-061	—	098-161
	2-1/2" x 2-1/2"	.119"	098-G02-1Y	098-064	098-162
		.134"	098-065	*098-066	098-163
	3-1/2" x 3-1/2"	.154"	098-067	—	098-164
	4" x 4"	.179"	098-069	098-070	098-165
	4-1/2" x 4-1/2"	.179"	098-071	—	098-166
5" x 5"	.179"	098-073	098-074	098-167 (.170" ga.)	
6" x 6"	.187"	—	098-076	—	
6" x 6"	.203"	—	—	098-168	
<b>NARROW WIDTH Light Weight</b>	Height x Width				
	1" x 31/32"	.047"	—	—	098-169
	1-1/2" x 1-11/32"	.047"	—	098-080	098-170
	2" x 1-17/32"	.064"	098-081	—	—
	2-1/2" x 1-21/32"	.064"	—	—	098-172
	3" x 1-15/16"	.074"	098-085	098-086	098-173
3-1/2" x 2-3/16"	.097"	098-087	—	—	
4" x 2-13/16"	.097"	—	098-090	—	

\*098-179 same as 098-066 except Zinc Plated.

Both "BUTT" and "NARROW" Hinges are available in Not Swaged Style.  
 More Stainless Steel Butt Hinges on page L81 & L82.

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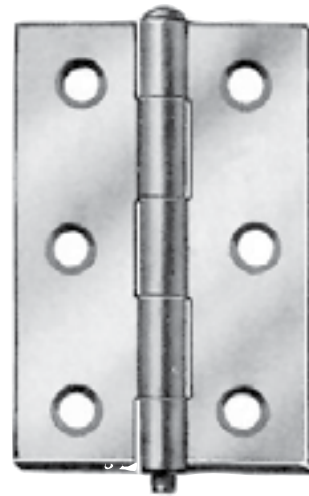
Inch

Butt Hinges Light Weight

Pouce

Charnières légères

**BUTT HINGE  
NARROW WIDTH  
LIGHT WEIGHT  
NARROW WIDTH**  
Countersunk Holes  
(Screws NOT Included)



With LOOSE PIN

**BUTT HINGE  
FULL MORTISE (Swaged)**

All butt hinges for mortise application are swaged to reduce the clearance between the door (closed) and jamb. The standard clearance between leaves of full mortise hinges after swaging is 1/16".

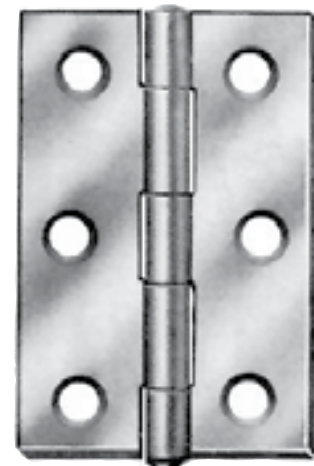
Swaged — for Mortise Application



hinge opened



hinge closed



With RIVETED PIN

Hinge Size (Open)	Gauge of Metal	SPAENAUR No.		No. of Knuckles	Screw holes each hinge	Countersunk for Screw Size
		Hinge with Loose Pin Zinc Plated	Hinge with Riveted Pin NOT Plated   Zinc Plated			
Height x Width 1" x 1"	.047"	098-034	—   —	3	4	#3
2" x 1-1/2"	.064"	—	098-043   *098-044	5	4	#6
3" x 2"	.074"	—	—   098-052	5	6	#7 or #8
		PKG QTY. 1		*4 Knuckles		

CATALOG 14

SPAENAUR

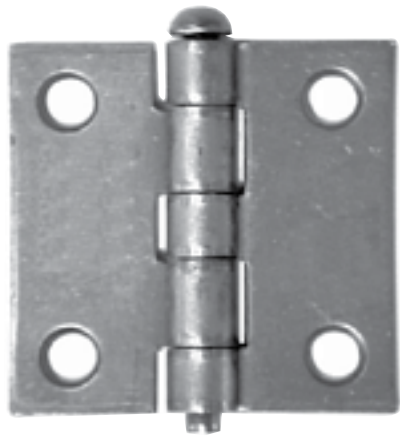
More Stainless Steel Butt Hinges on page L82.

**Butt Hinges Broad**

Inch

**Charnières larges**

Pouce



with **LOOSE PIN**

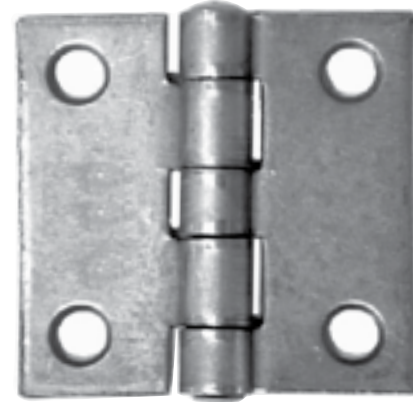
**Steel Hinges  
BROAD Pattern**

**STANDARD WEIGHT**

**BROAD WIDTH**

Countersunk Holes  
(Screws NOT included)

**FULL MORTISE  
(Swaged)**



with **RIVETED PIN**

PKG QTY. 1

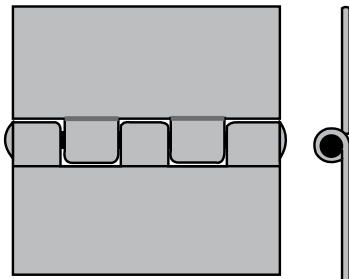
SIZE (Open)	Gauge of Metal	SPAENAUR No.		Screw holes each hinge	Countersunk for Screw Size
		Loose Pin Zinc Plated	Riveted Pin Zinc Plated		
3" x 3"	.085"	098-G12-1A	098-G07-1W	6	8 x 3/4"
4" x 4"	.085"	—	098-G10-1M	8	8 x 3/4"
4-1/2" x 4-1/2"	.134"	098-022	—	8	12 x 1-1/4"

**BUTT HINGES**

Flat Surface Type (Not Swaged)

**304 Stainless Steel - Hinge and Pin**

Supplied with  
**Tight Pin** (spun on both ends)  
or  
**Loose Pin** (spun one end).



Plain Finish - No Holes  
PKG QTY. 1

SPAENAUR No.		Gauge	Open Width	Length	Pin Diameter
Tight Pin	Loose Pin				
098-800	—	.050"	1-1/2"	1-1/2"	.125"
098-801	—	.060"	2"	2"	.125"
098-802	—	.075"	2"	2"	.187"
098-803	—	.075"	2-1/2"	2-1/2"	.187"
098-804	—	.090"	2"	3"	.187"
098-805	098-814	.090"	3"	3"	.187"
098-806	—	.090"	3"	3-1/2"	.187"
098-807	—	.090"	3-1/2"	3-1/2"	.187"
098-G04-1N	098-815	.120"	2"	3"	.250"
098-809	098-816	.120"	3"	3"	.250"
098-810	098-817	.120"	3"	4"	.250"
098-811	098-818	.120"	4"	4"	.250"
098-812	098-819	.120"	5"	5"	.250"
098-813	098-820	.120"	6"	6"	.250"

(More Butt Hinges on pages L80 & L81.)

More Lift-off Hinges on Page L86-87