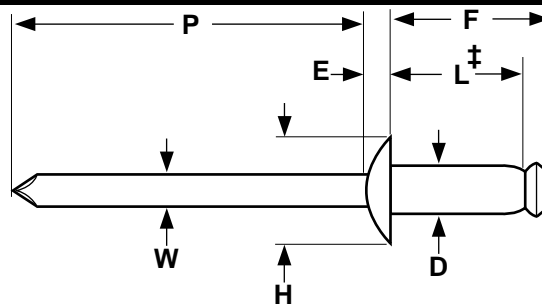


Rivets

Stainless Steel Rivet/ Stainless Steel Mandrel

Dome Head
Blind Rivet



STAINLESS STEEL BODY/STAINLESS STEEL MANDREL DOME HEAD BREAK-STEM BLIND RIVETS											SAE J-1200	
Nominal Rivet Diameter	D		H		E	W	P	F	Ultimate Shear Load	Ultimate Tensile Load	Mandrel Break Load, lb.	
	Rivet Shank Diameter		Head Diameter		Head Height	Mandrel Diameter	Mandrel Protrusion	Blind Side Protrusion			Min, lb.	Min, lb.
	Max	Min	Max	Min	Max	Nom	Min	Max	Max	Min		
1/8	0.128	0.122	0.262	0.238	0.040	0.076	1.00	L + 0.120	420	530	950	650
5/32	0.159	0.153	0.328	0.296	0.050	0.095	1.06	L + 0.140	650	820	1450	1150
3/16	0.191	0.183	0.394	0.356	0.060	0.114	1.06	L + 0.160	950	1200	1900	1400

†See page 155 for specifications on the barrel lengths of each size of rivet.

Description	A stainless steel blind fastener with a self-contained stainless steel mandrel which is otherwise designed identically to other dome head rivets. The head of the body is slightly rounded and twice as wide as the diameter of the body.
Applications/ Advantages	Dome head is the only head style for stainless steel rivets. Stainless rivets have the strongest tensile strengths, shear strengths and mandrel break-load standards of all the break mandrel rivets discussed in this section. They resist tarnishing under most atmospheric conditions and offers high strength at moderately raised temperatures. They should be used when fastening materials with mechanical and physical properties similar to stainless steel.
Material	Rivet: 305 (or equivalent) Stainless Steel Mandrel: Stainless Steel (300 series)
Shear Strength	Rivets shall have ultimate shear loads not less than the minimum ultimate shear loads specified for the applicable size given in the above table.
Tensile Strength	Rivets shall have ultimate tensile loads not less than the minimum ultimate tensile loads specified for the applicable size given in the above table.
Mandrel Break Load	While the rivet is being set, the axially applied load necessary to break the mandrel shall be within the limits specified for the applicable rivet size given in the above table.

PART NUMBER COMPARISON - DOME HEAD ALL STAINLESS STEEL BLIND RIVETS

Kanebridge	Huck/ Automatic	Pop®	Marson/ Creative	Star	Celus®	Cherry	Gesipa®
SSDSS42	FBF42	SSD42SSBS	SSB4-2S	4-2STSTD	SS/SS42D	CCP-42	GSSMD42SS
SSDSS43	FBF43	SSD43SSBS	SSB4-3S	-	SS/SS43D	CCP-43	GSSMD43SS
SSDSS44	FBF44	SSD44SSBS	SSB4-4S	4-4STSTD	SS/SS44D	CCP-44	GSSMD44SS
SSDSS46	FBF46	SSD46SSBS	SSB4-6S	4-6STSTD	SS/SS46D	CCP-46	GSSMD46SS
SSDSS48	FBF48	SSD48SSBS	SSB4-8S	-	SS/SS48D	-	GSSMD48SS
SSDSS52	FBF52	SSD52SSBS	SSB5-2S	-	SS/SS52D	CCP-52	GSSMD52SS
SSDSS54	FBF54	SSD54SSBS	SSB5-4S	-	SS/SS54D	CCP-54	GSSMD54SS
SSDSS56	FBF56	SSD56SSBS	SSB5-6S	-	SS/SS56D	CCP-56	GSSMD56SS
SSDSS58	FBF58	-	-	-	-	-	-
SSDSS62	FBF62	SSD62SSBS	SSB6-2S	-	SS/SS62D	CCP-62	GSSMD62SS
SSDSS64	FBF64	SSD64SSBS	SSB6-4S	-	SS/SS64D	CCP-64	GSSMD64SS
SSDSS66	FBF66	SSD66SSBS	SSB6-6S	-	SS/SS66D	CCP-66	GSSMD66SS
SSDSS68	FBF68	SSD68SSBS	SSB6-8S	-	SS/SS68D	CCP-68	GSSMD68SS