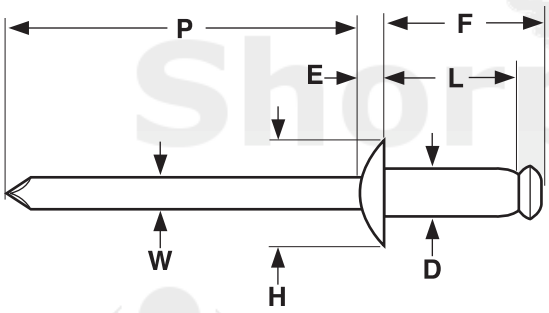
BLIND, DOME HEAD

Stainless Rivet Steel Mandrel



STAINLESS BODY/STEEL MANDREL DOME HEAD BREAK-STEM BLIND RIVETS

IFI-114, 2015

Nominal Rivet Diameter	D	H	E	W	P	F	Ultimate Shear Load	Ultimate Tensile Load	Mandrel Break Load	
	Rivet Body Diameter	Head Diameter	Head Height	Mandrel Diameter	Mandrel Protrusion	Blind Side Protrusion				
	Ref	Ref	Max	Nom	Min	Max	Min, lb.	Min, lb.	Max	Min
3/32	0.092	0.198	0.028	0.057	1.00	L + 0.100	360	280	500	300
1/8	0.122	0.262	0.036	0.076	1.00	L + 0.120	420	530	950	650
5/32	0.153	0.328	0.043	0.095	1.04	L + 0.140	650	820	1450	1150
3/16	0.183	0.394	0.053	0.114	1.04	L + 0.160	950	1200	1900	1400
1/4	0.249	0.525	0.069	0.151	1.04	L + 0.180	1700	2100	3600	3000

Description	A stainless steel blind fastener with a self-contained 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	The Stainless rivet/Steel mandrel combo is more economical than the all stainless variety. 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:*** Carbon Steel
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.

Stainless Rivet Steel Mandrel

BLIND, DOME HEAD

DOME HEAD Stainless Steel Rivet/Steel Mandrel							
Kanebridge Part Number	Huck/ Automatic	Pop®	Marson®	Star	Celus®	Cherry	Gesipa®
SSDS41	-	SSD41BS	SSB4-1	-	SS/S41D	CSP-41	-
SSDS42	FBS42	SSD42BS	SSB4-2	-	SS/S42D	CSP-42	GSMD42SS
SSDS43	FBS43	SSD43BS	SSB4-3	-	SS/S43D	CSP-43	GSMD43SS
SSDS44	FBS44	SSD44BS	SSB4-4	4-4STSD	SS/S44D	CSP-44	GSMD44SS
SSDS45	-	-	SSB4-5	-	SS/S45D	CSP-45	-
SSDS46	FBS46	SSD46BS	SSB4-6	-	SS/S46D	CSP-46	GSMD46SS
SSDS48	FBS48	SSD48BS	SSB4-8	-	SS/S48D	-	GSMD48SS
SSDS52	FBS52	SSD52BS	SSB5-2	-	SS/S52D	CSP-52	GSMD52SS
SSDS53	-	-	-	-	-	-	-
SSDS54	FBS54	SSD54BS	SSB5-4	-	SS/S54D	CSP-54	GSMD54SS
SSDS56	FBS56	SSD56BS	SSB5-6	-	SS/S56D	CSP-56	GSMD56SS
SSDS58	-	-	-	-	SS/S58D	-	-
SSDS510	-	-	-	-	SS/S510D	-	-
SSDS62	FBS62	SSD62BS	SSB6-2	-	SS/S62D	CSP-62	GSMD62SS
SSDS63	-	-	-	-	SS/S63D	-	-
SSDS64	FBS64	SSD64BS	SSB6-4	-	SS/S64D	CSP-64	GSMD64SS
SSDS66	FBS66	SSD66BS	SSB6-6	-	SS/S66D	CSP-66	GSMD66SS
SSDS68	FBS68	SSD68BS	SSB6-8	-	SS/S68D	CSP-68	GSMD68SS
SSDS610	-	-	SSB6-10	-	SS/S610D	-	-
SSDS612	-	-	SSB6-12	-	-	-	-
SSDS614	-	-	-	-	-	-	-
SSDS616	-	-	-	-	-	-	-
SSDS82	-	-	-	-	-	CSP-82	-
SSDS84	-	-	-	-	SS/S84D	CSP-84	-
SSDS86	-	-	-	-	SS/S86D	CSP-86	-
SSDS88	-	-	-	-	SS/S88D	CSP-88	-
SSDS810	-	-	-	-	-	CSP-810	-
SSDS812	-	-	-	-	-	-	-