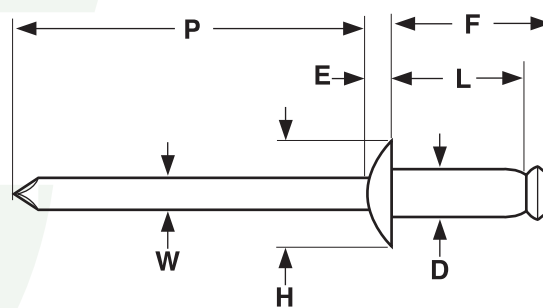


RIVETS

BLIND, LARGE FLANGE

Steel / Steel
Stainless / Steel

LARGE FLANGE BREAK-STEM BLIND RIVETS

IFI-114, 2015

Nominal Rivet Diameter	D	H	E	W	P	F
	Rivet Body Diameter	Head Diameter	Head Height	Mandrel Diameter	Mandrel Protrusion	Blind Side Protrusion
	Ref	Ref	Max	Nom	Min	Max
1/8	0.122	0.375	0.065	0.076	1.00	L + 0.120
5/32	0.153	0.468	0.075	0.095	1.04	L + 0.140
3/16	0.183	0.625	0.092	0.114	1.04	L + 0.160
1/4	0.249	0.780	0.107	0.151	1.04	L + 0.180

Description	A blind fastener with a self-contained carbon steel mandrel which permits the formation of an upset on the blind end of the rivet and expansion of the rivet shank during rivet setting. The steel mandrel is pulled into or against the rivet body, breaking at or near the junction of the mandrel shank and its upset end. The large flange head has twice the under-head bearing surface of comparably sized dome head rivets.	
Applications/ Advantages	Large flange rivets are preferred where extra brittle or soft materials are being assembled to a rigid surface. Stainless rivets offer both corrosion resistance as well as high shear and tensile values. The stainless rivet body/steel mandrel combination is usually less expensive than the all stainless rivet.	
Material	Steel Body / Steel Mandrel	Stainless Body / Steel Mandrel
	Rivet Body: Steel-- Low carbon steel, plated zinc. Mandrel: Steel-- Carbon steel 1006 or equivalent. May be furnished plain or with a protective coating, at the option of the manufacturer.	Rivet Body: 300-series stainless; Mandrel: Carbon steel
Shear Strength (Min.)	1/8: 260 lbs.; 5/32: 370 lbs.; 3/16: 540 lbs.; 1/4: 1000 lbs.	1/8: 420 lbs.; 5/32: 650 lbs.; 3/16: 950 lbs.; 1/4: 1700 lbs
Tensile Strength (Min.)	1/8: 310 lbs.; 5/32: 470 lbs.; 3/16: 680 lbs.; 1/4: 1240 lbs.	1/8: 530 lbs.; 5/32: 820 lbs.; 3/16: 1200 lbs.; 1/4: 2100 lbs
Mandrel Break Load	1/8: 800 lbs. max, 600 lbs. min. 5/32: 1000 lbs max, 750 lbs. min. 3/16: 1450 lbs. max, 1150 lbs. min. 1/4: 2350 lbs. max, 1950 lbs. min.	1/8: 650 - 950 lbs. 5/32: 1150 - 1450 lbs. 3/16: 1400 - 1900 lbs. 1/4: 3000 - 3600 lbs

Steel / Steel
Stainless / Steel

BLIND, LARGE FLANGE

PART NUMBER COMPARISON - LARGE FLANGE STEEL RIVET/STEEL MANDREL							
Catalog Part Number	Huck/ Automatic	Pop®	Marson/ Creative	Star	Celus®	Cherry	Gesipa®
SDS42L	SBS42L	SD42BSLF	SBL4-2	4-2SSLF	S/S42LF	SSL-42	GSML42S
SDS43L	-	-	SBL4-3	-	S/S43LF	-	-
SDS44L	SBS44L	SD44BSLF	SBL4-4	4-4SSLF	S/S44LF	SSL-44	GSML44S
SDS45L	-	-	-	-	-	-	-
SDS46L	-	-	SBL4-6	-	S/S46LF	SSL-46	GSML46S
SDS48L	-	-	SBL4-8	-	S/S48LF	SSL-48	-
SDS52L	-	-	-	-	-	-	-
SDS53L	-	-	-	-	S/S53LF	-	-
SDS54L	-	SD54BSLF	SBL5-4	-	S/S54LF	SSL-54	GSML54S
SDS56L	-	-	SBL5-6	-	S/S56LF	SSL-56	-
SDS58L	-	-	SBL5-8	-	-	SSL-58	-
SDS510L	-	-	-	-	-	-	-
SDS62L	-	-	-	-	-	-	-
SDS63L	-	-	-	-	-	-	-
SDS64L	SBS64L	SD64BSLF	SBL6-4	-	S/S 64LF	SSL-64	GSML64S
SDS66L	SBS66L	SD66BSLF	SBL6-6	6-6SSLF	S/S 66LF	SSL-66	GSML66S
SDS68L	SBS68L	SD68BSLF	SBL6-8	6-8SSLF	S/S 68LF	SSL-68	GSML68S
SDS610L	SBS610L	SD610BSLF	SBL6-10	6-10SSLF	S/S610LF	SSL-610	GSML610S
SDS612L	SBS612L	SD612BSLF	SBL6-12	-	S/S612LF	SSL-612	GSML612S

PART NUMBER COMPARISON - STAINLESS STEEL RIVET/STEEL MANDREL LARGE FLANGE							
Catalog Part Number	Huck/ Automatic	Pop®	Marson/ Creative	Star	Celus®	Cherry	Gesipa®
SSDS41L	-	-	-	-	-	-	-
SSDS42L	-	SSD42BSLF	SSBL4-2	-	SS/S42LF	CSL-42	-
SSDS43L	-	SSD43BSLF	SSBL4-3	-	-	-	-
SSDS44L	-	SSD44BSLF	SSBL4-4	-	SS/S44LF	CSL-44	-
SSDS45L	-	-	-	-	-	-	-
SSDS46L	-	-	SSBL4-6	-	SS/S46LF	CSL-46	-
SSDS48L	-	-	-	-	-	-	-
SSDS52L	-	-	-	-	-	-	-
SSDS53L	-	-	-	-	-	-	-
SSDS54L	-	-	-	-	SS/S54LF	CSL-54	-
SSDS56L	-	-	-	-	-	CSL-56	-
SSDS58L	-	-	-	-	-	-	-
SSDS510L	-	-	-	-	-	-	-
SSDS62L	-	-	-	-	-	-	-
SSDS63L	-	-	-	-	-	-	-
SSDS64L	-	-	SSBL6-4	-	-	CSL-64	-
SSDS66L	-	-	SSBL6-6	-	SS/S66LF	CSL-66	-
SSDS68L	-	-	SSBL6-8	-	SS/S68LF	CSL-68	-
SSDS610L	-	-	SSBL6-10	-	SS/S610LF	-	-
SSDS612L	-	-	SSBL6-12	-	SS/S612LF	-	-
SSDS614L	-	-	-	-	-	-	-
SSDS616L	-	-	-	-	SS/S616LF	-	-

Celus® is a registered trademark of Gesipa Blindniettechnik Gesellschaft Mit Beschränkter Haftung, Gesellschaft Fur Internationale Patentverwertung M.B.H.-Gesipa.

Gesipa® is a registered trademark of Gesipa Fasteners USA, Inc.

Pop® is a registered trademark of Stanley Engineered Fastening.

Kanebridge's rivets are not necessarily manufactured by or connected with the producers of Gesipa® or Pop® rivets.