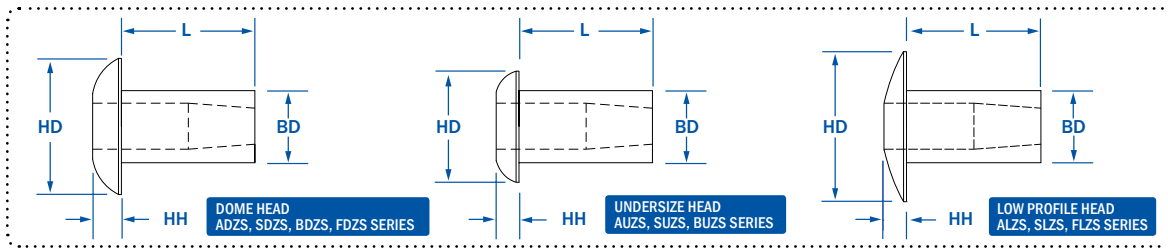


Typically used in soft or brittle materials, ZipSho® is designed for fastening applications that may be sensitive to clamping force and shock. ZipSho® assembles materials such as acrylic, plastic, vinyl, rubber wood or brittle metals that can crack or break under extreme clamping pressure. An internally tapered hole uses controlled radial expansion of the tail which firmly fastens without adversely affecting the riveted substrates.



	PART NUMBER	GRIP RANGE	LENGTH LENGTH MAX.	PCS/ POD PCS/ POD +/-1	HOLE SIZE	BD BODY DIA MAX	HD HEAD DIA MAX	HH HEAD HEIGHT MAX								
DOME HEAD	3/32" (2.4)	(X)DZS-0304	.001-.062 (0.00-1.57)	.125 (3.17)	73	.098 (2.49)	.1005 (2.55)	.0975 (2.48)	.163 (4.3)	.037 (1.0)						
		(X)DZS-0306	.062-.125 (1.57-3.17)	.187 (4.75)	52											
		(X)DZS-0308	.125-.187 (3.17-4.75)	.250 (6.35)	41											
	1/8" (3.2)	(X)DZS-0404	.000-.062 (0.00-1.57)	.125 (3.17)	71	.129 (3.28)	.1315 (3.34)	0.1285 (3.27)	.217 (5.5)	.045 (1.2)						
		(X)DZS-0406	.062-.125 (1.57-3.17)	.187 (4.75)	51											
		(X)DZS-0408	.125-.187 (3.17-4.75)	.250 (6.35)	39											
		(X)DZS-0410	.187-.250 (4.75-6.35)	.312 (7.92)	32											
		(X)DZS-0412	.250-.312 (6.35-7.92)	.375 (9.52)	27											
		(X)DZS-0506	.062-.125 (1.57-3.17)	.187 (4.75)	47											
	5/32" (4.0)	(X)DZS-0508	.125-.187 (3.17-4.75)	.250 (6.35)	38	.161 (4.09)	0.164 (4.16)	.1595 (4.06)	.257 (6.5)	.058 (1.5)						
		(X)DZS-0510	.187-.250 (4.75-6.35)	.312 (7.92)	31											
		(X)DZS-0512	.250-.312 (6.35-7.92)	.375 (9.52)	27											
		(X)DZS-0514	.312-.375 (7.92-9.52)	.437 (11.1)	23											
		(X)DZS-0516	.375-.437 (9.52-11.10)	.500 (12.7)	21											
		(X)DZS-0605	.000-.062 (0.00-1.57)	.156 (3.96)	50											
	3/16" (4.8)	(X)DZS-0607	.062-.125 (1.57-3.17)	.219 (5.56)	38	.191 (4.85)	.194 (4.93)	.1895 (4.82)	.351 (8.9)	.071 (1.8)						
		(X)DZS-0609	.125-.187 (3.17-4.75)	.281 (7.17)	33											
		(X)DZS-0611	.187-.250 (4.75-6.35)	.344 (8.74)	28											
(X)DZS-0613		.250-.312 (6.35-7.92)	.406 (10.31)	24												
(X)DZS-0615		.312-.375 (7.92-9.52)	.469 (11.91)	21												
(X)DZS-0617		.375-.437 (9.52-11.10)	.531 (13.49)	19												
(X)DZS-0619		.437-.500 (11.10-12.70)	.594 (15.09)	17												
UNDERSIZE HEAD		1/8" (3.2)	(X)UZS-0404	.000-.062 (0.00-1.57)	.125 (3.17)						71	.120 (3.048)	.123 (3.124)	.1185 (3.01)	.217 (5.52)	.045 (1.15)
			(X)UZS-0406	.062-.125 (1.57-3.17)	.187 (4.75)						51					
	(X)UZS-0408		.125-.187 (3.17-4.75)	.250 (6.35)	39											
	(X)UZS-0410		.187-.250 (4.75-6.35)	.312 (7.92)	32											
	(X)UZS-0412		.250-.312 (6.35-7.92)	.375 (9.52)	27											
LOW PROFILE HEAD	1/8" (3.2)	(X)LZS-0404	.000-.062 (0.00-1.57)	.125 (3.17)	71	.129 (3.28)	.1315 (3.34)	0.1285 (3.27)	.262 (6.66)	.041 (1.05)						
		(X)LZS-0406	.062-.125 (1.57-3.17)	.187 (4.75)	51											
		(X)LZS-0408	.125-.187 (3.17-4.75)	.250 (6.35)	39											
		(X)LZS-0410	.187-.250 (4.75-6.35)	.312 (7.92)	32											
		(X)LZS-0412	.250-.312 (6.35-7.92)	.375 (9.52)	27											
		(X)LZS-0605	.000-.062 (0.00-1.57)	.156 (3.96)	50											
	3/16" (4.8)	(X)LZS-0607	.062-.125 (1.57-3.17)	.219 (5.56)	38	.191 (4.85)	.194 (4.93)	.1895 (4.82)	.396 (10.06)	.065 (1.66)						
		(X)LZS-0609	.125-.187 (3.17-4.75)	.281 (7.17)	33											
		(X)LZS-0611	.187-.250 (4.75-6.35)	.344 (8.74)	28											
		(X)LZS-0613	.250-.312 (6.35-7.92)	.406 (10.31)	24											
		(X)LZS-0615	.312-.375 (7.92-9.52)	.469 (11.91)	21											
		(X)LZS-0617	.375-.437 (9.52-11.10)	.531 (13.49)	19											
		(X)LZS-0619	.437-.500 (11.10-12.70)	.594 (15.09)	17											

NOTE: SHEAR AND TENSILE DATA VARIES BASED ON HOLE SIZE, ACTUAL GRIP AND SUBSTRATE MATERIAL SELECTION. FOR REFERENCE DATA PLEASE CONTACT THE ENGINEERING DEPARTMENT. FOR CRITICAL APPLICATIONS, WE SUGGEST OUR ENGINEERING DEPARTMENT PERFORM TESTING ON THE ACTUAL MATERIALS TO BE RIVETED. RESULTING DATA WILL BE PROVIDED UPON REQUEST.

METRIC DIMENSIONS ARE IN PARENTHESIS

BUILDING A ZIPSHO PART NUMBER

DESIGNATION	SIZE	FINISH
A D ZS -	04 06	BA

MATERIAL PREFIX
A- Aluminum
S- Steel
B- Brass
F- Stainless Steel

HEAD STYLE
D- Dome Head
U- Undersize Head
L- Low Profile Head

"ZS" ZIPSHO

DIAMETER CODE
IN 32nds
04 - 1/8"
05 - 5/32"
06 - 3/16"

GRIP CODE PER CHART

FINISH
SZ- Zinc ROHS
BA- Black Anodize
BZ- Black Zinc ROHS
TP- Tin Plated