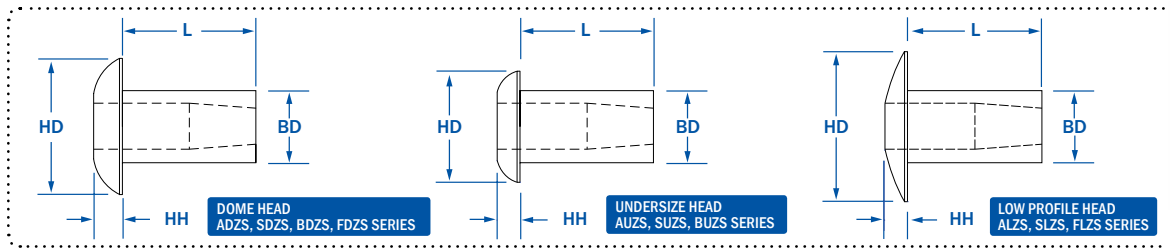


Typically used in soft or brittle materials, ZipSho® is designed for fastening applications that may be sensitive to clamping force and shock. ZipSho® assembles materials such as acrylic, plastic, vinyl, rubber wood or brittle metals that can crack or break under extreme clamping pressure. An internally 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							
<b>DOME HEAD</b>	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												
<b>UNDERSIZE HEAD</b>		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											
<b>LOW PROFILE HEAD</b>	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)	.262 (6.66)	.041 (1.05)						
		(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)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

\*"ZS" ZIPSHO

GRIP CODE PER CHART

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

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

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