

1. Introduction.

1.1 Scope. This standard establishes the requirements for drive pin blind rivets suitable for use in joining the component parts of an assembly.

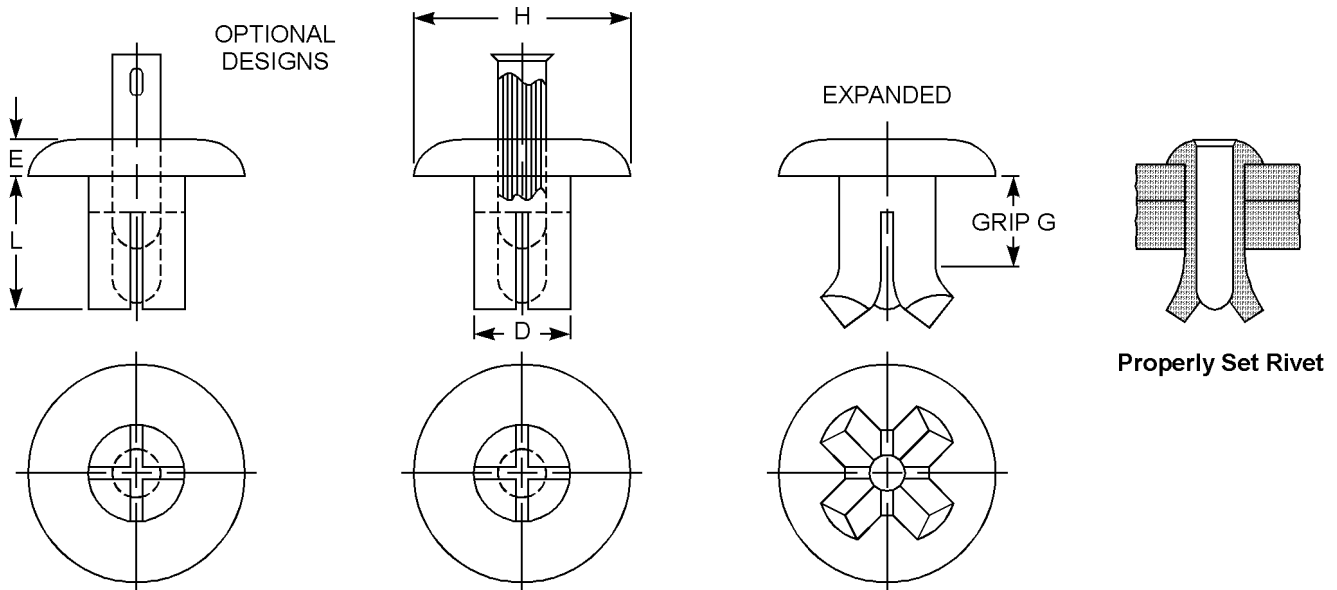


Table 1 Dimensions of Dome Head Drive Pin Blind Rivets

Rivet Series No.	Nom Rivet Dia	D		H		E		L
		Body Dia		Head Dia		Head Height		Rivet Body Length
		Max	Min	Max	Min	Max	Min	Max
4	1/8 0.1250	0.127	0.121	0.262	0.238	0.064	0.054	See Table 2
5	5/32 0.1562	0.158	0.152	0.328	0.296	0.077	0.067	
6	3/16 0.1875	0.190	0.184	0.394	0.356	0.090	0.080	
8	1/4 0.2500	0.252	0.246	0.525	0.475	0.117	0.107	

NOTES:

1. All dimensions are in inches.
2. For application data, see Table 2.
3. The slotted shanks of No. 4 rivets may produce 2, 3, or 4 segments. Slotted rivet shanks of larger sizes may produce 3 or 4 segments.
4. Illustrations are for basic dimensioning purposes only and are not intended to restrict designs and shapes of rivets otherwise conforming to the dimensional requirements.

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Table 2 Application Data for Dome Head Drive Pin Blind Rivets

Rivet Series No.	Nom Rivet Size	Recommended Drill Size	Recommended Hole Size		Rivet No.	Grip Range	Rivet Body Length
			Max	Min			Max
4	1/8 0.1250	#30	0.133	0.129	42	.046 – .078	0.186
					43	.079 – .109	0.218
					44	.110 – .140	0.249
					45	.141 – .171	0.280
					46	.172 – .203	0.311
					47	.204 – .234	0.342
					48	.235 – .265	0.374
					49	.266 – .296	0.405
					410	.297 – .328	0.436
					411	.329 – .359	0.468
					412	.360 – .390	0.499
					413	.391 – .421	0.530
5	5/32 0.1562	#20	0.164	0.160	52	.046 – .078	0.218
					53	.079 – .109	0.249
					54	.110 – .140	0.280
					55	.141 – .171	0.311
					56	.172 – .203	0.342
					57	.204 – .234	0.374
					58	.235 – .265	0.405
					59	.266 – .296	0.436
					510	.297 – .328	0.468
					511	.329 – .359	0.499
					512	.360 – .390	0.530
					513	.391 – .421	0.561
					514	.422 – .453	0.592
					515	.454 – .484	0.623
					516	.485 – .515	0.655
6	3/16 0.1875	#11	0.196	0.192	62	.046 – .109	0.280
					64	.110 – .171	0.311
					66	.172 – .234	0.374
					68	.235 – .296	0.436
					610	.297 – .359	0.499
					612	.360 – .421	0.561
					614	.422 – .484	0.624
					616	.485 – .546	0.686
8	1/4 0.2500	F	0.261	0.257	84	.110 – .171	0.311
					86	.172 – .234	0.374
					88	.235 – .296	0.436
					810	.297 – .359	0.499
					812	.360 – .421	0.561
					814	.422 – .484	0.624
					816	.485 – .546	0.686
					818	.547 – .609	0.749
See Notes		2			820	.610 – .671	0.811
							3

NOTES:

1. All dimensions are in inches.
2. Recommended drill sizes are those which normally produce holes within the specified hole size limits.
3. Maximum blind side clearance necessary to permit proper rivet setting equals max rivet length minus total thickness of material to be joined (grip).

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