

"UG" Rivet

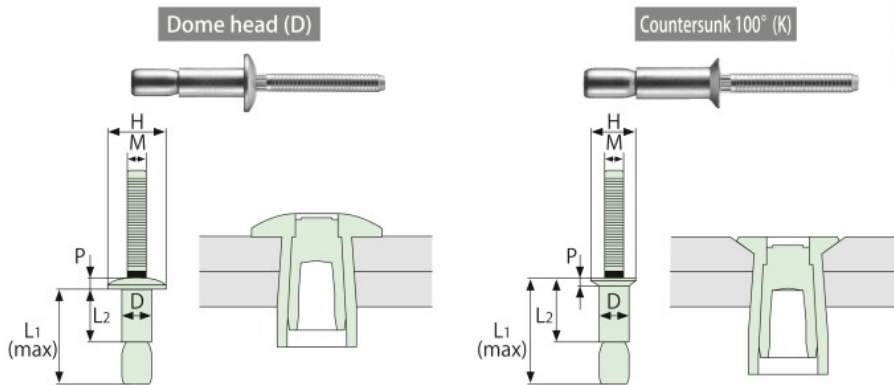
- Ideal for vibrate applications such as vehicles and truck chassis because of inner lock mechanism.
- Enable to reduce parts by wide grip range.

For UG rivets

**POP Rivet tool
ProSet3400**

【Nosepiece】

6 size dome head : PRN6P
8 size dome head : PRN8PS
6 size countersunk : PRN6F
8 size countersunk : PRN8FS



Cover wide grip range by one size.



	Material	Surface Treatment
Rivet body	Steel (SWCH)	Zinc plating trivalent chrome
Mandrel	Steel	Zinc plating trivalent chrome

RoHS Compliance

Rivet Diameter D(mm)	Hole Size (mm)	Rivet No. ■	Grip Range (mm)	L1 (mm)	L2 (mm)	H (mm)	P (mm)	M (mm)	Reference Strength		
									Shear(N)	Tensile(N)	Head hold(kN)
4.8 $\begin{smallmatrix} +0.07 \\ -0.05 \end{smallmatrix}$	4.9~5.1	SD-670-UG	1.6 - 7.0	19.1	10.1	9.5 ± 0.3	2.1 ± 0.15	3max	6500	5330	660
		SD-6110-UG	5.5 - 11.1	22.5	14.1						
		SD-6110-UGX	1.6 - 11.1	26.6	14.1						
6.4 $\begin{smallmatrix} +0.17 \\ -0 \end{smallmatrix}$	6.6~7.0	SD-895-UG	2.0 - 9.5	25.8	13.8	13 ± 0.4	2.8 ± 0.2	4max	11800	10000	1330
		SD-8160-UG	9.0 - 16.0	31.3	20.3						
		SD-8160-UGX	2.0 - 16.0	36.3	20.3						
4.8 $\begin{smallmatrix} +0.07 \\ -0.05 \end{smallmatrix}$	4.9~5.1	SK-685-UG	3.2 - 8.5	20.9	11.9	8.4 ± 0.4	1.7 $\begin{smallmatrix} +0.1 \\ -0.25 \end{smallmatrix}$	3max	6500	5330	660
		SK-6125-UG	7.5 - 12.5	24.6	16.2						
6.4 $\begin{smallmatrix} +0.17 \\ -0 \end{smallmatrix}$	6.6~7.0	SK-8120-UG	4.0 - 12.0	28.6	16.6	10 ± 0.5	2.0 $\begin{smallmatrix} +0.1 \\ -0.25 \end{smallmatrix}$	4max	11800	10000	1330
		SK-8185-UG	10.5 - 18.5	34.1	23.1						

Head hold : Push down the axis of mandrel head and measure the maximum load.



	Material	Surface Treatment
Rivet body	Aluminum (A5056)	—
Mandrel	Aluminum	—

RoHS Compliance

Rivet Diameter D(mm)	Hole Size (mm)	Rivet No. ■	Grip Range (mm)	L1 (mm)	L2 (mm)	H (mm)	P (mm)	M (mm)	Reference Strength		
									Shear(N)	Tensile(N)	Head hold(kN)
4.8 $\begin{smallmatrix} +0.07 \\ -0.05 \end{smallmatrix}$	4.9~5.1	AD-670-UG	1.6 - 7.0	19.1	10.1	9.5 ± 0.3	2.1 ± 0.15	3max	3000	2220	220
		AD-6110-UG	5.5 - 11.1	22.5	14.1						
		AD-6110-UGX	1.6 - 11.1	26.6	14.1						
6.4 $\begin{smallmatrix} +0.17 \\ -0 \end{smallmatrix}$	6.6~7.0	AD-895-UG	2.0 - 9.5	25.8	13.8	13 ± 0.4	2.8 ± 0.2	4max	5780	4000	440
		AD-8160-UG	9.0 - 16.0	31.3	20.3						
		AD-8160-UGX	2.0 - 16.0	36.3	20.3						
4.8 $\begin{smallmatrix} +0.07 \\ -0.05 \end{smallmatrix}$	4.9~5.1	AK-685-UG	3.2 - 8.5	20.9	11.9	8.4 ± 0.4	1.7 $\begin{smallmatrix} +0.1 \\ -0.25 \end{smallmatrix}$	3max	3000	2220	220
		AK-6125-UG	7.5 - 12.5	24.6	16.2						
6.4 $\begin{smallmatrix} +0.17 \\ -0 \end{smallmatrix}$	6.6~7.0	AK-8120-UG	4.0 - 12.0	28.6	16.6	10 ± 0.5	2.0 $\begin{smallmatrix} +0.1 \\ -0.25 \end{smallmatrix}$	4max	5780	4000	440
		AK-8185-UG	10.5 - 18.5	34.1	23.1						

Head hold : Push down the axis of mandrel head and measure the maximum load.