

# Aluminium

## Break Stem Open Large Flange

Aluminium 5% Magnesium Alloy  
Mandrel: Carbon Steel



- Increased Magnesium content for increased strength over 3.5% Magnesium alloy rivets
- Large flange increases bearing surface for weaker, thinner materials
- Suitable for oversized holes or slots under the head

	$d$	$l$	$g$	DESCRIPTION	$d_h$	$d_k$	$k$	$d_m$	$S$	$T$	BULK PACK		SMALL PACK		KG /1,000
											ARTICLE	BOX QTY	ARTICLE	BOX QTY	
	mm	mm	mm		mm	mm	mm	mm	N	N					kg
<b>3.2</b> 3.10 - 3.28		6.5	1.6 - 3.2	AD42BSLF	3.3 - 3.4	9.14 - 9.91	1.17	1.93	930	1,440	on request	on request	1.04		
		8.0	3.2 - 4.8	AD43BSLF							on request	on request	1.30		
		9.5	4.8 - 6.4	AD44BSLF							on request	on request	1.56		
		11.1	6.4 - 7.9	AD45BSLF							on request	on request	1.84		
<b>4.0</b> 3.90 - 4.08		10.2	4.8 - 6.4	AD54BSLF	4.1 - 4.2	11.38 - 12.40	1.42	2.41	1,510	2,180	80221	5,000	on request	1.59	
<b>4.8</b> 4.65 - 4.88		10.8	3.2 - 6.4	AD64BSLF	4.9 - 5.0	15.24 - 16.51	2.34	2.90	1,980	3,200	75036	3,000	88474	500	3.43
		14.0	6.4 - 9.5	AD66BSLF							80138	2,500	88222	500	3.68
		17.2	9.5 - 12.7	AD68BSLF							80144	2,000	88526	500	3.94
		20.3	12.8 - 15.9	AD610BSLF							80137	2,000	88249	500	5.91
		23.5	15.9 - 19.1	AD612BSLF							80136	2,000	88272	500	6.42
		26.7	19.1 - 22.2	AD614BSLF							on request	on request	7.29		
	29.9	22.2 - 25.4	AD616BSLF	75280	1,500	88164	500	7.38							

## Break Stem Open 120° Countersunk

Aluminium 5% Magnesium Alloy  
Mandrel: Carbon Steel



- Increased Magnesium content for increased strength over 3.5% Magnesium alloy rivets
- For a flush surface after setting

	$d$	$l$	$g$	DESCRIPTION	$d_h$	$d_k$	$k$	$d_m$	$S$	$T$	BULK PACK		SMALL PACK		KG /1,000
											ARTICLE	BOX QTY	ARTICLE	BOX QTY	
	mm	mm	mm		mm	mm	mm	mm	N	N					kg
<b>3.2</b> 3.10 - 3.28		6.5	1.6 - 3.2	AK42BS	3.3 - 3.4	5.26 - 5.92	-	1.93	930	1,440	on request	on request	1.01		
		8.0	3.2 - 4.8	AK43BS							on request	on request	1.09		
		9.5	4.8 - 6.4	AK44BS							on request	on request	1.12		
		11.1	6.4 - 7.9	AK45BS							on request	on request	1.21		
		12.7	7.9 - 9.5	AK46BS							on request	on request	1.24		
		15.9	9.5 - 12.7	AK48BS							on request	on request	1.40		
<b>4.0</b> 3.90 - 4.08		7.0	1.6 - 3.2	AK52BS	4.1 - 4.2	6.76 - 7.52	-	2.41	1,510	2,180	on request	on request	1.54		
		10.2	4.8 - 6.4	AK54BS							on request	on request	1.93		
		13.3	7.9 - 9.5	AK56BS							on request	on request	2.07		
<b>4.8</b> 4.65 - 4.88		10.8	3.2 - 6.4	AK64BS	4.9 - 5.0	8.46 - 9.22	-	2.90	1,980	3,200	on request	on request	2.41		
		14.0	6.4 - 9.5	AK66BS							on request	on request	2.81		

$d$ =Nominal Diameter, Min - Max Diameter;  $l$ =Body Length (+/- 0.5mm);  $g$ =Grip Range (Min - Max);  $d_h$ =Hole Size (Min - Max);  $d_k$ =Flange Diameter (Min - Max);  $k$ =Flange Thickness (Max);  $d_m$ =Nominal Mandrel Diameter;  $S$ =Nominal Shear Strength;  $T$ =Nominal Tensile Strength