



**Rivnut**  
Fastening Systems

# Product Catalogue

 1300 887 341

 1300 889 341

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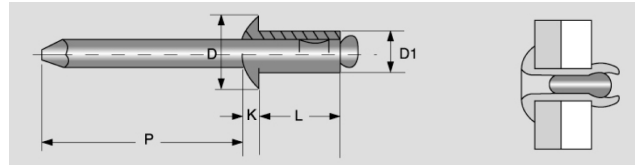
# Breakstem Rivets



## BREAKSTEM RIVET RAS SERIES



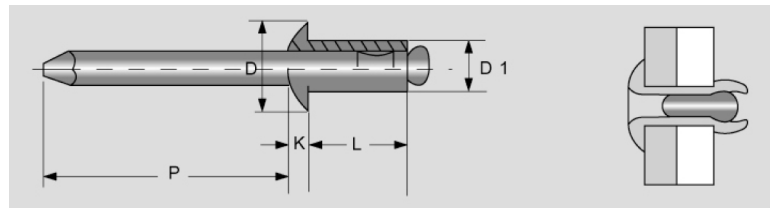
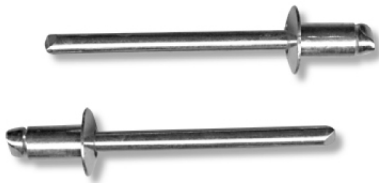
<b>Head Type</b>	Dome Head
<b>Material(Body/Mandrel)</b>	5052 Aluminium Alloy/Steel
<b>Finish(Body/Mandrel)</b>	Polished/Zinc Plated



Part Number	Rivet Diameter (D1) nom.	Hole Size	Length(L) max.	Grip Range	Mandrel Length(P) Min.	Head Diameter (D) max.	Head Thickness (K) max.	Standard Strength (kN) typ.	
								Shear	Tensile
RAS32	2.4	2.5~2.6	6.4	0.5~3.2	25.4	4.8	0.81	0.31	0.36
RAS34			9.5	3.2~6.4					
RAS36			12.7	6.4~9.5					
RAS41	3.2	3.3~3.4	5.4	0.5~1.6	27	6.4	1.02	0.53	0.67
RAS42			7.0	1.6~3.2					
RAS43			8.6	3.2~4.8					
RAS44			10.2	4.8~6.4					
RAS45			11.7	6.4~7.9					
RAS46			13.3	7.9~9.5					
RAS48			16.5	9.5~12.7					
RAS410			19.7	12.7~15.9					
RAS52	4.0	4.1~4.2	7.6	0.5~3.2	27	7.9	1.27	0.85	1.02
RAS53			9.2	3.2~4.8					
RAS54			10.8	4.8~6.4					
RAS56			14.0	6.4~9.5					
RAS58			17.1	9.5~12.7					
RAS510			20.3	12.7~15.9					
RAS516	29.8	22.2~25.4							
RAS62	4.8	4.9~5.0	8.3	0.5~3.2	27	9.5	1.52	1.16	1.43
RAS63			9.8	3.2~4.8					
RAS64			11.4	4.8~6.4					
RAS66			14.6	6.4~9.5					
RAS68			17.8	9.5~12.7					
RAS610			21.0	12.7~15.9					
RAS612			24.1	15.9~19.1					
RAS614			27.3	19.1~22.2					
RAS616			30.5	22.2~25.4					
RAS618			33.7	25.4~28.6					
RAS622	40.0	31.8~34.9							
RAS82	6.4	6.5~6.6	9.5	0.5~3.2	32	12.7	2.03	2.05	2.50
RAS84			12.7	3.2~6.4					
RAS86			15.9	6.4~9.5					
RAS88			19.1	9.5~12.7					
RAS810			22.2	12.7~15.9					
RAS812			25.4	15.9~19.1					
RAS814			28.6	19.1~22.2					
RAS816			31.8	22.2~25.4					
RAS818			34.9	25.4~28.6					

## BREAKSTEM RIVET RSS SERIES

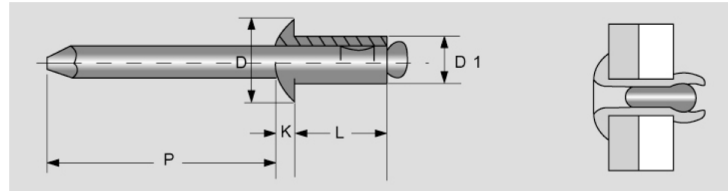
<b>Head Type</b>	Dome Head
<b>Material(Body/Mandrel)</b>	Carbon Steel / Carbon Steel
<b>Finish(Body/Mandrel)</b>	Zinc Plate / Zinc Plate



Part Number	Rivet Diameter (D1) nom.	Hole Size +0.1	Length(L) max.	Grip Range	Head Diameter (D) max.	Head Thickness (K) max.	Standard Strength (kN) typ.	
							Shear	Tensile
RSS41	3.2	3.3~3.4	4.8	1.0~1.6	6.4	1.1	1.16	1.38
RSS42			6.4	1.6~3.2				
RSS43			8.0	3.2~4.8				
RSS44			9.5	4.8~6.4				
RSS45			11.2	6.4~8.0				
RSS46			12.7	8.0~9.6				
RSS48			15.9	9.6~12.8				
RSS52	4.0	4.1~4.2	7.0	1.2~3.2	8.0	1.3	1.65	2.10
RSS53			8.6	3.2~4.8				
RSS54			10.2	4.8~6.4				
RSS55			12.0	6.4~8.0				
RSS56			13.3	8.0~9.6				
RSS58			16.5	9.6~12.8				
RSS62	4.8	4.9~5.0	7.6	1.6~3.2	9.6	1.6	2.40	3.03
RSS63			9.0	3.2~4.8				
RSS64			10.8	4.8~6.4				
RSS66			14.0	6.4~9.6				
RSS68			17.2	9.6~12.8				
RSS610			20.0	12.8~16.0				

## BREAKSTEM RIVET RSTST SERIES

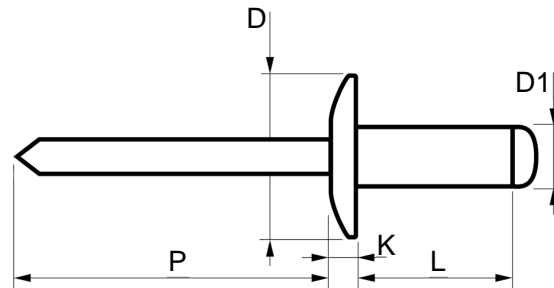
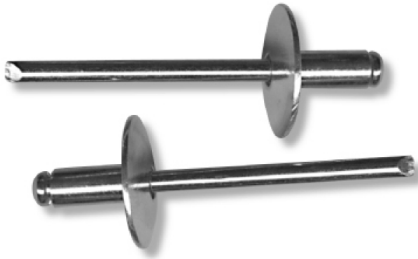
<b>Head Type</b>	Dome Head
<b>Material(Body/Mandrel)</b>	Stainless Steel / Stainless Steel
<b>Finish(Body/Mandrel)</b>	Polished / Polished



Part Number	Rivet Diameter (D1) nom.	Hole Size	Length(L) max.	Grip Range	Mandrel Length(P) Min.	Head Diameter (D) max.	Head Thickness (K) max.	Standard Strength (kN) typ.	
								Shear	Tensile
RSTST41	3.2	3.3~3.4	5.4	0.5~1.6	27	6.4	1.02	1.87	2.36
RSTST42			7.0	1.6~3.2					
RSTST43			8.6	3.2~4.8					
RSTST44			10.2	4.8~6.4					
RSTST45			11.7	6.4~7.9					
RSTST46			13.3	7.9~9.5					
RSTST48			16.5	9.5~12.7					
RSTST52	4.0	4.1~4.2	7.6	0.5~3.2	27	7.9	1.27	2.90	3.65
RSTST53			9.2	3.2~4.8					
RSTST54			10.8	4.8~6.4					
RSTST56			14.0	6.4~9.5					
RSTST58			17.1	9.5~12.7					
RSTST510			20.3	12.7~15.9					
RSTST512			23.5	15.9~19.1					
RSTST514	26.7	19.1~22.2							
RSTST62	4.8	4.9~5.0	8.3	0.5~3.2	27	9.5	1.52	4.23	5.34
RSTST63			9.8	3.2~4.8					
RSTST64			11.4	4.8~6.4					
RSTST66			14.6	6.4~9.5					
RSTST68			17.8	9.5~12.7					
RSTST610			21.0	12.7~15.9					
RSTST612			24.1	15.9~19.1					
RSTST614			27.3	19.1~22.2					
RSTST616			30.5	22.2~25.4					
RSTST18			33.7	25.4~28.6					
RSTST620			36.8	28.6~31.8					
RSTST622	40.0	31.8~34.9							
RSTST82	6.4	6.5~6.6	9.5	0.5~3.2	32	12.7	2.03	7.57	9.35
RSTST84			12.7	3.2~6.4					
RSTST86			15.9	6.4~9.5					
RSTST88			19.1	9.5~12.7					
RSTST810			22.2	12.7~15.9					
RSTST812			25.4	15.9~19.1					
RSTST814			28.6	19.1~22.2					
RSTST816			31.8	22.2~25.4					
RSTST818			34.9	25.4~28.6					
RSTST820			38.1	28.6~31.8					

## BREAKSTEM RIVET RASLF SERIES

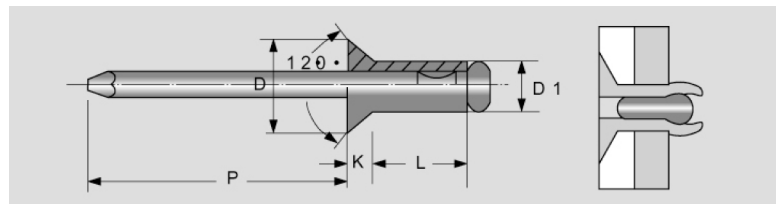
<b>Head Type</b>	Flange Head
<b>Material(Body/Mandrel)</b>	5052 Aluminium Alloy/Steel
<b>Finish(Body/Mandrel)</b>	Polished/Zinc Plated



Part Number	Rivet Diameter (D1) nom.	Hole Size	Length(L) max.	Grip Range	Mandrel Length(P) Min.	Head Diameter (D) max.	Head Thickness (K) max.	Standard Strength (kN) typ.	
								Shear	Tensile
RASLF42	3.2	3.3~3.4	7.0	1.6~3.2	27	9.5	1.65	0.53	0.67
RASLF43			8.6	3.2~4.8					
RASLF44			10.2	4.8~6.4					
RASLF45			11.7	6.4~7.9					
RASLF46			13.3	7.9~9.5					
RASLF48			16.5	9.5~12.7					
RASLF410			19.7	12.7~15.9					
RASLF52	4.0	4.1~4.2	7.6	0.5~3.2	27	12.0	1.90	0.85	1.02
RASLF53			9.2	3.2~4.8					
RASLF54			10.8	4.8~6.4					
RASLF56			14.0	6.4~9.5					
RASLF58			17.1	9.5~12.7					
RASLF510			20.3	12.7~15.9					
RASLF62	4.8	4.9~5.0	8.3	0.5~3.2	27	16.0	2.33	1.16	1.43
RASLF63			9.8	3.2~4.8					
RASLF64			11.4	4.8~6.4					
RASLF66			14.6	6.4~9.5					
RASLF68			17.8	9.5~12.7					
RASLF610			21.0	12.7~15.9					
RASLF612			24.1	15.9~19.1					
RASLF614			27.3	19.1~22.2					
RASLF616			30.5	22.2~25.4					
RASLF618			33.7	25.4~28.6					

## BREAKSTEM RIVET RASC SERIES

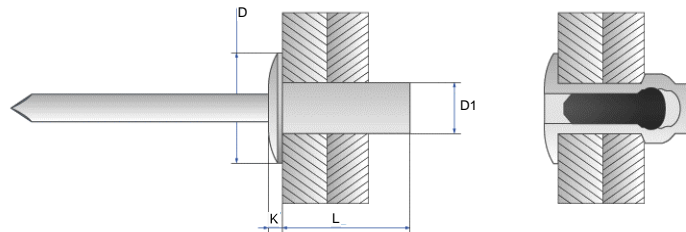
<b>Head Type</b>	CSK Head
<b>Material(Body/Mandrel)</b>	5052 Aluminium Alloy/Steel
<b>Finish(Body/Mandrel)</b>	Polished/Zinc Plated



Part Number	Rivet Diameter (D1) nom.	Hole Size	Length(L) max.	Grip Range	Mandrel Length(P) Min.	Head Diameter (D) max.	Head Thickness (K) max.	Standard Strength (kN) typ.	
								Shear	Tensile
RASC42	3.2	3.3~3.4	7.0	2.3~3.2	27	5.6	0.79	0.53	0.67
RASC43			8.6	3.2~4.8					
RASC44			10.2	4.8~6.4					
RASC45			11.7	6.4~7.9					
RASC46			13.3	7.9~9.5					
RASC48			16.5	9.5~12.7					
RASC53	4.0	4.1~4.2	9.2	3.0~4.8	27	7.1	1.02	0.85	1.02
RASC54			10.8	4.8~6.4					
RASC56			14.0	6.4~9.5					
RASC58			17.1	9.5~12.7					
RASC63	4.8	4.9~5.0	9.8	3.8~4.8	27	8.8	1.27	1.16	1.43
RASC64			11.4	4.8~6.4					
RASC66			14.6	6.4~9.5					
RASC68			17.8	9.5~12.7					
RASC610			21.0	12.7~15.9					

## BREAKSTEM RIVET RTA SERIES

<b>Head Type</b>	Dome Head
<b>Material(Body/Mandrel)</b>	AL Alloy 5052 / Carbon Steel
<b>Finish(Body/Mandrel)</b>	Natural / Zinc Plate

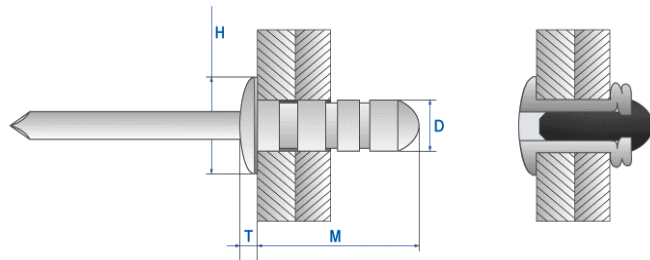


Part Number	Rivet Diameter (D1) nom.	Hole Size +0.1	Body Length (L) max.	Grip Range	Head Diameter (D)	Head Thickness (K) max.	Standard Strength (kN) <i>typ</i>	
							Shear	Tensile
RTA41	3.2	3.3~3.4	7.5	0.8~1.6	6.4	1.3	1.07	1.25
RTA42			9.1	1.6~3.2				
RTA43			10.7	3.2~4.8				
RTA44			12.3	4.8~6.4				
RTA45			13.9	6.4~8.0				
RTA46			15.5	8.0~9.6				
RTA48			18.7	9.6~12.8				
RTA52	4.0	4.1~4.2	9.5	0.8~3.2	8.3	1.7	1.56	2.14
RTA53			11.1	3.2~4.8				
RTA54			12.7	4.8~6.4				
RTA55			14.3	6.4~8.0				
RTA56			15.9	8.0~9.6				
RTA58			19.1	9.6~12.8				
RTA62	4.8	4.9~5.0	10.3	0.8~3.2	10.0	2.0	2.23	3.07
RTA63			11.9	3.2~4.8				
RTA64			13.5	4.8~6.4				
RTA66			16.7	6.4~9.6				
RTA68			19.8	9.6~12.8				
RTA610			23.0	12.8~16.0				



MULTIGRIP RIVET MGAVAS SERIES

<b>Head Type</b>	Dome Head
<b>Material(Body/Mandrel)</b>	AL Alloy / Carbon Steel
<b>Finish(Body/Mandrel)</b>	Polished / Zinc Plate



Part Number	Rivet Diameter (D) nom.	Hole Size	Length(M) max.	Grip Range	Head Diameter (H) max.	Head Thickness (T) max.	Standard Strength (kN) typ.	
							Shear	Tensile
MGAVAS0410	3.2	3.3~3.4	10.5	0.8~4.8	6.7	1.3	0.60	0.90
MGAVAS0414			13.7	4.0~8.0				
MGAVAS0512	4.0	4.1~4.2	12.6	1.2~6.4	8.2	1.6	0.95	1.50
MGAVAS0516			18.4	4.0~10.0				
MGAVAS0613	4.8	4.9~5.0	14.0	1.6~6.4	10.1	1.8	1.32	2.00
MGAVAS0619			18.8	4.8~11.0				
MGAVAS0621			20.3	4.8~12.8				
MGAVAS0631			28.3	12.8~19.8				