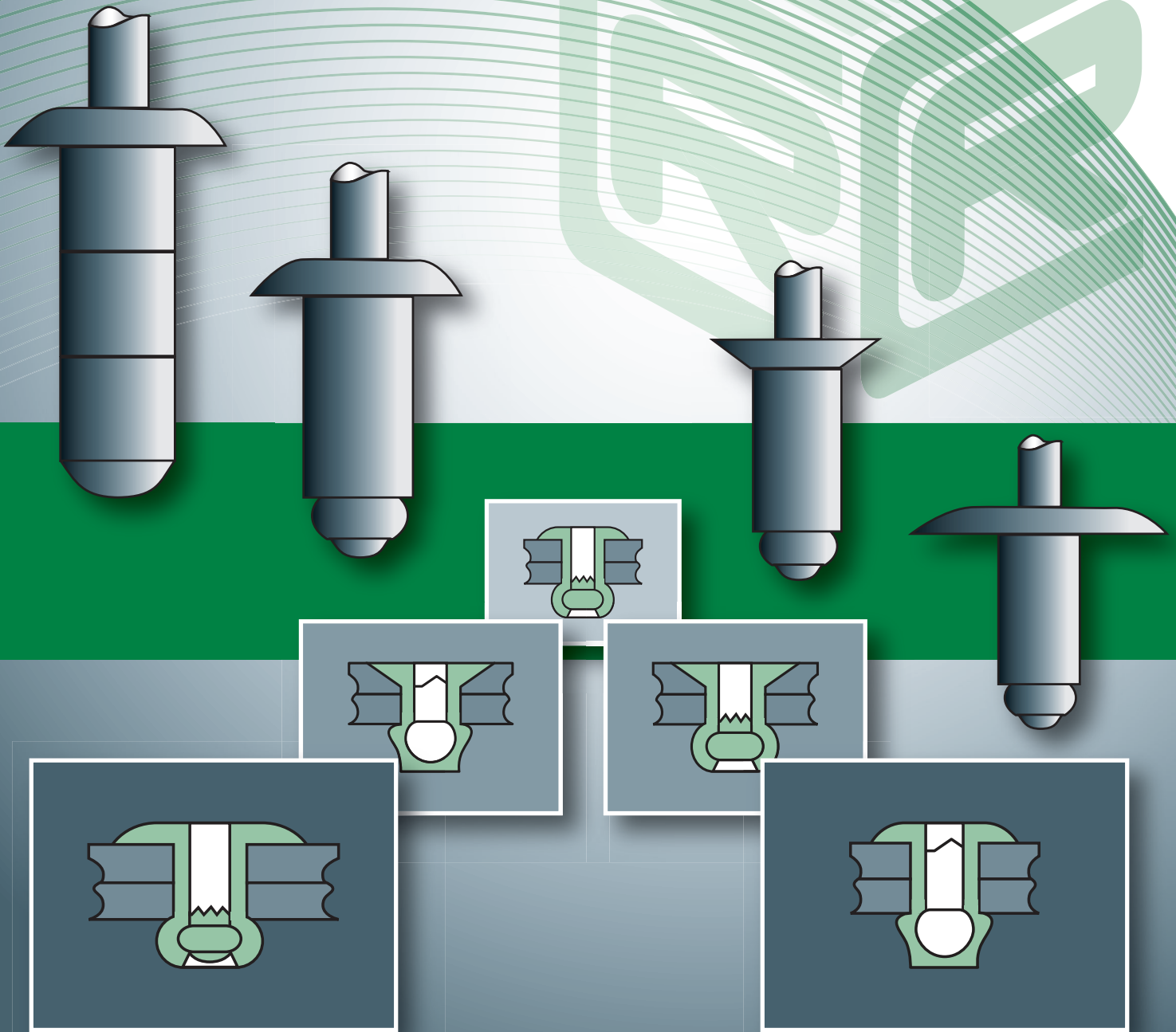




CLINCH RIVET CATALOG



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Cinch Rivet® Brand Rivets

Cinch Rivet® is brought to you by Clinch Northwest, a manufacturer of components geared toward Fabricators worldwide. Our products are backed by our 100% guarantee, in both quality and price. Our competitive prices are the result of an efficient operation, not compromised product.

Cinch Rivet® is manufactured to applicable International Fastener Institute (IFI) standards. From IFI-114, the Standard for Break Mandrel Blind Rivets, to IFI-126, the Standard for Break Mandrel Closed End Blind Rivets, we make sure our product is perfect for flawless manufacturing every time. The standard strength value Clinch Rivet® has listed for Shear and Tensile are IFI minimums and in fact performance is significantly higher (variables being work piece material type and thickness).

We can help you with:

- ✓ Galvanic compatibility of various metals
- ✓ Custom rivets / custom color rivets / specialized finishes / unique materials
- ✓ Choice of rivet head styles / proper rivet application
- ✓ Complicated applications: Pivot Fastening, Fastening in a blind hole, Plastic Materials, Soft to hard materials, gap fastening, and edge distance

Cinch Rivet® can offer you the optimum rivet for your application. If you have questions regarding your application please contact us at sales@clinchnw.com or call 206.523.5811.

Cinch Rivet®
Clinch Northwest
4616 Union Bay Place NE
Seattle, WA 98105

www.clinchrivet.com
www.clinchnw.com
P 206.523.5811

Open End Rivets

Aluminum Rivets with Aluminum Mandrels (CRADXXABS)

Aluminum Rivets with Steel Mandrels (CRADXXBS)

Aluminum Rivets, Countersunk Head with Aluminum Mandrels (CRAKXXABS)

Aluminum Rivets, Countersunk Head with Steel Mandrels (CRAKXXBS)

Large Flange, Aluminum Rivets with Steel Mandrels (CRADXXBSLF)

Steel Rivets with Steel Mandrels (CRSDXXBS)

Steel Rivets, Countersunk Head with Steel Mandrels (CRSKXXBS)

Large Flange, Steel Rivets with Steel Mandrels (CRSDXXBSLF)

Stainless Steel Rivets with Stainless Steel Mandrels (CRSSDXXSSBS)

Stainless Steel Rivets, Countersunk Head with Stainless Steel Mandrels (CRSSKXXSSBS)

Stainless Steel Rivets with Steel Mandrels (CRSSDXXBS)

Stainless Steel Rivets, Countersunk Head with Steel Mandrels (CRSSKXXBS)

Multiple-Grip Rivets

Multiple Grip Aluminum Rivets with Aluminum Mandrels (CRADX-XABS)

Multiple Grip Aluminum Rivets with Steel Mandrels (CRADX-XBS)

Multiple Grip Steel Rivets with Steel Mandrels (CRSDX-XBS)

Multiple Grip Stainless Steel Rivets with Stainless Steel Mandrels (CRSSDX-XSSBS)

Closed End Rivets

Aluminum Rivets with Aluminum Mandrels Closed End (CRADXXAH)

Aluminum Rivets, Countersunk Head with Aluminum Mandrels Closed End (CRAKXXAH)

Aluminum Rivets with Steel Mandrels Closed End (CRADXXH)

Aluminum Rivets, Countersunk Head with Steel Mandrels Closed End (CRAKXXH)

Steel Rivets with Steel Mandrels Closed End (CRSDXXH)

Stainless Steel Rivets with Stainless Steel Mandrels Closed End (CRSSDXXSSH)

Stainless Steel Rivets, Countersunk Head with Stainless Steel Mandrels Closed End (CRSSKXXSSH)



Aluminum Rivets with Aluminum Mandrels

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RIVETS



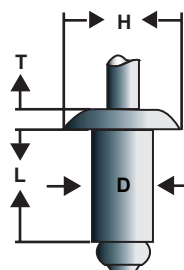
CRADXXABS

A (Aluminium body)
D (Dome Head)
X (Rivet Body Diameter)
X (Grip Range)
ABS (Aluminium Break Stem Mandrel)

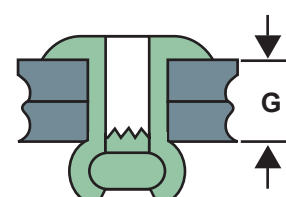
IFI-114/Grade11

RIVET CODE	RIVET DIAMETER D	HOLE SIZE (inch)	RIVET LENGTH L (max).	GRIP RANGE G	HEAD DIAMETER H	HEAD THICKNESS T (max).	STANDARD STRENGTH Lbs (min).	
							SHEAR	TENSILE
CRAD32ABS CRAD34ABS CRAD36ABS	3/32 0.0938	0.097 ~ 0.100	0.250 0.375 0.500	0.0313 – 0.125 0.125 – 0.25 0.25 – 0.375	0.178 ~ 0.198 0.188±0.10	0.032	70	80
CRAD41ABS CRAD42ABS CRAD43ABS CRAD44ABS CRAD45ABS CRAD46ABS CRAD48ABS CRAD410ABS CRAD412ABS	1/8 0.1250	0.129 ~ 0.133	0.212 0.275 0.337 0.400 0.462 0.525 0.650 0.775 0.901	0.0313 – 0.0625 0.0625 – 0.125 0.125 – 0.1875 0.1875 – 0.25 0.25 – 0.3125 0.3125 – 0.375 0.375 – 0.5 0.5 – 0.625 0.625 – 0.75	0.238 ~ 0.262 0.250±0.12	0.040	120	150
CRAD52ABS CRAD53ABS CRAD54ABS CRAD55ABS CRAD56ABS CRAD58ABS CRAD510ABS CRAD512ABS	5/32 0.1562	0.160 ~ 0.164	0.300 0.362 0.425 0.487 0.550 0.675 0.800 0.925	0.0313 – 0.125 0.125 – 0.1875 0.1875 – 0.25 0.25 – 0.3125 0.3125 – 0.375 0.375 – 0.5 0.5 – 0.625 0.625 – 0.75	0.296 ~ 0.328 0.312±0.16	0.050	190	230
CRAD62ABS CRAD63ABS CRAD64ABS CRAD65ABS CRAD66ABS CRAD68ABS CRAD610ABS CRAD612ABS CRAD614ABS CRAD616ABS	3/16 0.1875	0.192 ~ 0.196	0.325 0.387 0.450 0.513 0.575 0.700 0.825 0.950 1.075 1.200	0.0313 – 0.125 0.125 – 0.1875 0.1875 – 0.25 0.25 – 0.3125 0.3125 – 0.375 0.375 – 0.5 0.5 – 0.625 0.625 – 0.75 0.75 – 0.875 0.875 – 1	0.356 ~ 0.394 0.375±0.19	0.060	260	320
CRAD84ABS CRAD86ABS CRAD88ABS CRAD810ABS CRAD812ABS CRAD814ABS	1/4 0.250	0.257 ~ 0.261	0.500 0.625 0.750 0.875 1.000 1.125	0.0313 – 0.25 0.25 – 0.375 0.375 – 0.5 0.5 – 0.625 0.625 – 0.75 0.75 – 0.875	0.475 ~ 0.525 0.500±0.25	0.080	460	560

- ◆ 1" = 25.4mm (1 inch = 25.4 millimeter)
- ◆ These rivets are installed quickly and easily from one side of the workpiece.
- ◆ Rivets with countersunk heads and colored heads are manufactured to order.



Domed Head





Aluminium Rivets with Steel Mandrels

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RIVETS



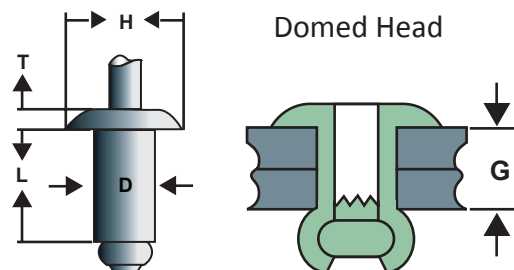
CRADXXBS

A (Aluminium Body)
D (Dome Head)
X (Rivet Body Diameter)
X (Grip Range)
BS (Steel Break Stem Mandrel)

IFI-114/Grade18

RIVET CODE	RIVET DIAMETER D	HOLE SIZE (inch)	RIVET LENGTH L (max).	GRIP RANGE G	HEAD DIAMETER H	HEAD THICKNESS T (max).	STANDARD STRENGTH Lbs (min).	
							SHEAR	TENSILE
CRAD32BS CRAD34BS CRAD36BS	3/32 0.0938	0.097 ~ 0.100	0.250 0.375 0.500	0.0313 – 0.125 0.125 – 0.25 0.25 – 0.375	0.178 ~ 0.198 0.188±0.10	0.032	70	80
CRAD41BS CRAD42BS CRAD43BS CRAD44BS CRAD45BS CRAD46BS CRAD48BS CRAD410BS CRAD412BS	1/8 0.1250	0.129 ~ 0.133	0.212 0.275 0.337 0.400 0.462 0.525 0.650 0.775 0.901	0.0313 – 0.0625 0.0625 – 0.125 0.125 – 0.1875 0.1875 – 0.25 0.25 – 0.3125 0.3125 – 0.375 0.375 – 0.5 0.5 – 0.625 0.625 – 0.75	0.238 ~ 0.262 0.250±0.12	0.040	120	150
CRAD52BS CRAD53BS CRAD54BS CRAD55BS CRAD56BS CRAD58BS CRAD510BS CRAD512BS	5/32 0.1562	0.160 ~ 0.164	0.300 0.362 0.425 0.487 0.550 0.675 0.800 0.925	0.0313 – 0.125 0.125 – 0.1875 0.1875 – 0.25 0.25 – 0.3125 0.3125 – 0.375 0.375 – 0.5 0.5 – 0.625 0.625 – 0.75	0.296 ~ 0.328 0.312±0.16	0.050	190	230
CRAD62BS CRAD63BS CRAD64BS CRAD65BS CRAD66BS CRAD68BS CRAD610BS CRAD612BS CRAD614BS CRAD616BS	3/16 0.1875	0.192 ~ 0.196	0.325 0.387 0.450 0.513 0.575 0.700 0.825 0.950 1.075 1.200	0.0313 – 0.125 0.125 – 0.1875 0.1875 – 0.25 0.25 – 0.3125 0.3125 – 0.375 0.375 – 0.5 0.5 – 0.625 0.625 – 0.75 0.75 – 0.875 0.875 – 1	0.356 ~ 0.394 0.375±0.19	0.060	260	320
CRAD84BS CRAD86BS CRAD88BS CRAD810BS CRAD812BS CRAD814BS	1/4 0.250	0.257 ~ 0.261	0.500 0.625 0.750 0.875 1.000 1.125	0.0313 – 0.25 0.25 – 0.375 0.375 – 0.5 0.5 – 0.625 0.625 – 0.75 0.75 – 0.875	0.475 ~ 0.525 0.500±0.25	0.080	460	560

- ◆ 1" = 25.4mm (1 inch = 25.4 millimeter)
- ◆ These rivets are installed quickly and easily from one side of the workpiece.
- ◆ Rivets with countersunk heads and colored heads are manufactured to order.





Aluminium Rivets, Countersunk Head with Aluminum Mandrels

CLINCH
RIVETS



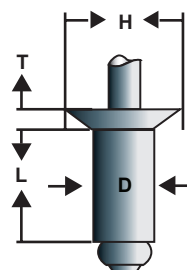
CRAKXXABS

A (Aluminium Body)
K (120° Countersunk Head)
X (Rivet Body Diameter)
X (Grip Range)
ABS (Aluminium Break Stem Mandrel)

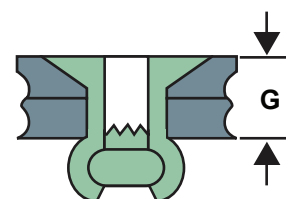
IFI-114/Grade11

RIVET CODE	RIVET DIAMETER D	HOLE SIZE (inch)	RIVET LENGTH L (max).	GRIP RANGE G	HEAD DIAMETER H	HEAD THICKNESS T (max).	STANDARD STRENGTH Lbs (min).	
							SHEAR	TENSILE
CRAK32ABS CRAK34ABS CRAK36ABS	3/32 ~ 0.0938	0.097 ~ 0.100	0.250 0.375 0.500	0.0313 – 0.125 0.125 – 0.25 0.25 – 0.375	0.161 ~ 0.187 0.174±0.013	0.027	70	80
CRAK41ABS CRAK42ABS CRAK43ABS CRAK44ABS CRAK45ABS CRAK46ABS CRAK48ABS CRAK410ABS CRAK412ABS	1/8 0.1250	0.129 ~ 0.133	0.212 0.275 0.337 0.400 0.462 0.525 0.650 0.775 0.901	0.0313 – 0.0625 0.0625 – 0.125 0.125 – 0.1875 0.1875 – 0.25 0.25 – 0.3125 0.3125 – 0.375 0.375 – 0.5 0.5 – 0.625 0.625 – 0.75	0.207 ~ 0.233 0.220±0.013	0.031	120	150
CRAK52ABS CRAK53ABS CRAK54ABS CRAK55ABS CRAK56ABS CRAK58ABS CRAK510ABS CRAK512ABS	5/32 0.1562	0.160 ~ 0.164	0.300 0.362 0.425 0.487 0.550 0.675 0.800 0.925	0.0313 – 0.125 0.125 – 0.1875 0.1875 – 0.25 0.25 – 0.3125 0.3125 – 0.375 0.375 – 0.5 0.5 – 0.625 0.625 – 0.75	0.268 ~ 0.294 0.281±0.013	0.040	190	230
CRAK62ABS CRAK63ABS CRAK64ABS CRAK65ABS CRAK66ABS CRAK68ABS CRAK610ABS CRAK612ABS CRAK614ABS CRAK616ABS	3/16 0.1875	0.192 ~ 0.196	0.325 0.387 0.450 0.513 0.575 0.700 0.825 0.950 1.075 1.200	0.0313 – 0.125 0.125 – 0.1875 0.1875 – 0.25 0.25 – 0.3125 0.3125 – 0.375 0.375 – 0.5 0.5 – 0.625 0.625 – 0.75 0.75 – 0.875 0.875 – 1	0.335 ~ 0.361 0.348±0.013	0.050	260	320

- ◆ 1" = 25.4mm (1 inch = 25.4 millimeter)
- ◆ These rivets are installed quickly and easily from one side of the workpiece.
- ◆ Rivets with countersunk heads and colored heads are manufactured to order.



Countersunk Head 120°





Aluminum Rivets, Countersunk Head with Steel Mandrels

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RIVETS



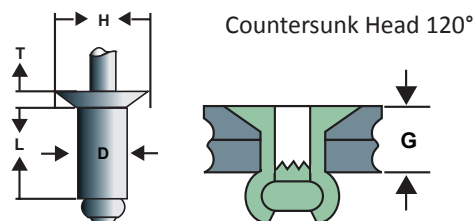
CRAKXXBS

A (Aluminium Body)
K (120° Countersunk Head)
X (Rivet Body Diameter)
X (Grip Range)
BS (Steel Break Stem Mandrel)

IFI-114/Grade18

RIVET CODE	RIVET DIAMETER D	HOLE SIZE (inch)	RIVET LENGTH L (max).	GRIP RANGE G	HEAD DIAMETER H	HEAD THICKNESS T (max).	STANDARD STRENGTH Lbs (min).	
							SHEAR	TENSILE
CRAK32BS CRAK34BS CRAK36BS	3/32 ~ 0.0938	0.097 ~ 0.100	0.250 0.375 0.500	0.0313 – 0.125 0.125 – 0.25 0.25 – 0.375	0.161 ~ 0.187 0.174±0.013	0.027	70	80
CRAK41BS CRAK42BS CRAK43BS CRAK44BS CRAK45BS CRAK46BS CRAK48BS CRAK410BS CRAK412BS	1/8 0.1250	0.129 ~ 0.133	0.212 0.275 0.337 0.400 0.462 0.525 0.650 0.775 0.901	0.0313 – 0.0625 0.0625 – 0.125 0.125 – 0.1875 0.1875 – 0.25 0.25 – 0.3125 0.3125 – 0.375 0.375 – 0.5 0.5 – 0.625 0.625 – 0.75	0.207 ~ 0.233 0.220±0.013	0.031	120	150
CRAK52BS CRAK53BS CRAK54BS CRAK55BS CRAK56BS CRAK58BS CRAK510BS CRAK512BS	5/32 0.1562	0.160 ~ 0.164	0.300 0.362 0.425 0.487 0.550 0.675 0.800 0.925	0.0313 – 0.125 0.125 – 0.1875 0.1875 – 0.25 0.25 – 0.3125 0.3125 – 0.375 0.375 – 0.5 0.5 – 0.625 0.625 – 0.75	0.268 ~ 0.294 0.281±0.013	0.040	190	230
CRAK62BS CRAK63BS CRAK64BS CRAK65BS CRAK66BS CRAK68BS CRAK610BS CRAK612BS CRAK614BS CRAK616BS	3/16 0.1875	0.192 ~ 0.196	0.325 0.387 0.450 0.513 0.575 0.700 0.825 0.950 1.075 1.200	0.0313 – 0.125 0.125 – 0.1875 0.1875 – 0.25 0.25 – 0.3125 0.3125 – 0.375 0.375 – 0.5 0.5 – 0.625 0.625 – 0.75 0.75 – 0.875 0.875 – 1	0.335 ~ 0.361 0.348±0.013	0.050	260	320

- ◆ 1" = 25.4mm (1 inch = 25.4 millimeter)
- ◆ These rivets are installed quickly and easily from one side of the workpiece.
- ◆ Rivets with countersunk heads and colored heads are manufactured to order.





Large Flange, Aluminium Rivets with Steel Mandrels

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RIVETS



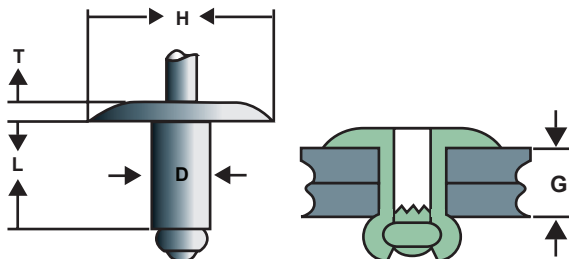
CRADXXBSLF

- A** (Aluminium body)
- D** (Dome Head)
- X** (Rivet Body Diameter)
- X** (Grip Range)
- BS** (Steel Break Stem Mandrel)
- LF** (Large Flange)

IFI-114/Grade18

RIVET CODE	RIVET DIAMETER D	HOLE SIZE (inch)	RIVET LENGTH L (max).	GRIP RANGE G	HEAD DIAMETER H	HEAD THICKNESS T (max).	STANDARD STRENGTH Lbs (min).	
							SHEAR	TENSILE
CRAD42BSLF CRAD43BSLF CRAD44BSLF CRAD46BSLF CRAD48BSLF CRAD410BSLF CRAD412BSLF	1/8 0.1250	0.129 ~ 0.133	0.275 0.337 0.400 0.525 0.650 0.775 0.901	0.0313 – 0.125 0.125 – 0.1875 0.1875 – 0.25 0.25 – 0.375 0.375 – 0.5 0.5 – 0.875 0.875 – 0.75	0.360 ~ 0.390	0.065	120	150
CRAD53BSLF CRAD54BSLF CRAD56BSLF CRAD58BSLF CRAD510BSLF CRAD512BSLF	5/32 0.1562	0.160 ~ 0.164	0.362 0.425 0.550 0.675 0.800 0.925	0.0313 – 0.1875 0.1875 – 0.25 0.25 – 0.375 0.375 – 0.5 0.5 – 0.625 0.625 – 0.75	0.448 ~ 0.488	0.075	190	230
CRAD63BSLF CRAD64BSLF CRAD66BSLF CRAD68BSLF CRAD610BSLF CRAD612BSLF CRAD614BSLF CRAD616BSLF	3/16 0.1875	0.192 ~ 0.196	0.387 0.450 0.575 0.700 0.825 0.950 1.075 1.200	0.0313 – 0.1875 0.1875 – 0.25 0.25 – 0.375 0.375 – 0.5 0.5 – 0.625 0.625 – 0.75 0.75 – 0.875 0.875 – 1	0.600 ~ 0.650	0.092	260	320

- ◆ 1" = 25.4mm (1 inch = 25.4 millimeter)
- ◆ Provide greater bearing surface for fastening soft and brittle facing materials and overside facing holes.
- ◆ Work well with soft materials, where the increased flange diameter protects the integrity of the application.





Steel Rivets with Steel Mandrels

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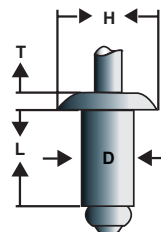
CRSDXXBS

S (Steel Body)
D (Dome Head)
X (Rivet Body Diameter)
X (Grip Range)
BS (Steel Break Stem Mandrel)

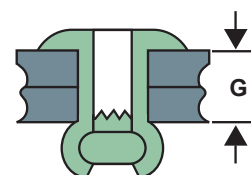
IFI-114/Grade30

RIVET CODE	RIVET DIAMETER D	HOLE SIZE (inch)	RIVET LENGTH L (max).	GRIP RANGE G	HEAD DIAMETER H	HEAD THICKNESS T (max).	STANDARD STRENGTH Lbs (min).	
							SHEAR	TENSILE
CRSD32BS CRSD34BS CRSD36BS	3/32 ~ 0.0938	0.097 ~ 0.100	0.250 0.375 0.500	0.0313 – 0.125 0.125 – 0.25 0.25 – 0.375	0.178 ~ 0.198 0.188±0.10	0.032	130	170
CRSD41BS CRSD42BS CRSD43BS CRSD44BS CRSD45BS CRSD46BS CRSD48BS CRSD410BS CRSD412BS	1/8 0.1250	0.129 ~ 0.133	0.212 0.275 0.337 0.400 0.462 0.525 0.650 0.775 0.901	0.0313 – 0.0625 0.0625 – 0.125 0.125 – 0.1875 0.1875 – 0.25 0.25 – 0.3125 0.3125 – 0.375 0.375 – 0.5 0.5 – 0.625 0.625 – 0.75	0.238 ~ 0.262 0.250±0.12	0.040	260	310
CRSD52BS CRSD53BS CRSD54BS CRSD55BS CRSD56BS CRSD58BS CRSD510BS CRSD512BS	5/32 0.1562	0.160 ~ 0.164	0.300 0.362 0.425 0.487 0.550 0.675 0.800 0.925	0.0313 – 0.125 0.125 – 0.1875 0.1875 – 0.25 0.25 – 0.3125 0.3125 – 0.375 0.375 – 0.5 0.5 – 0.625 0.625 – 0.75	0.296 ~ 0.328 0.312±0.16	0.050	370	470
CRSD62BS CRSD63BS CRSD64BS CRSD65BS CRSD66BS CRSD68BS CRSD610BS CRSD612BS CRSD614BS CRSD616BS	3/16 0.1875	0.192 ~ 0.196	0.325 0.387 0.450 0.513 0.575 0.700 0.825 0.950 1.075 1.200	0.0313 – 0.125 0.125 – 0.1875 0.1875 – 0.25 0.25 – 0.3125 0.3125 – 0.375 0.375 – 0.5 0.5 – 0.625 0.625 – 0.75 0.75 – 0.875 0.875 – 1	0.356 ~ 0.394 0.375±0.19	0.060	540	680
CRSD84BS CRSD86BS CRSD88BS CRSD810BS CRSD812BS CRSD814BS	1/4 0.250	0.257 ~ 0.261	0.500 0.625 0.750 0.875 1.000 1.125	0.0313 – 0.25 0.25 – 0.375 0.375 – 0.5 0.5 – 0.625 0.625 – 0.75 0.75 – 0.875	0.475 ~ 0.525 0.500±0.25	0.080	1000	1240

- ◆ 1" = 25.4mm (1 inch = 25.4 millimeter)
- ◆ Using steel for both rivet bodies and mandrels, the rivets are ideal for settings requiring strength.



Domed Head





Steel Rivets, Countersunk Head with Steel Mandrels

CLINCH
RIVETS



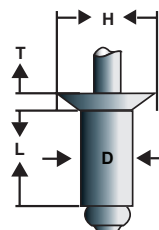
CRSKXXBS

S (Steel Body)
K (120° Countersunk Head)
X (Rivet Body Diameter)
X (Grip Range)
BS (Steel Break Stem Mandrel)

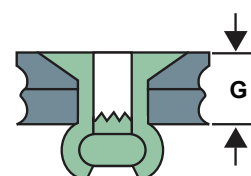
IFI-114/Grade30

RIVET CODE	RIVET DIAMETER D	HOLE SIZE (inch)	RIVET LENGTH L (max).	GRIP RANGE G	HEAD DIAMETER H	HEAD THICKNESS T (max).	STANDARD STRENGTH Lbs (min).	
							SHEAR	TENSILE
CRSD41BS CRSD42BS CRSD43BS CRSD44BS CRSD45BS CRSD46BS CRSD48BS CRSD410BS CRSD412BS	1/8 0.1250	0.129 ~ 0.133	0.212	0.0313 – 0.0625	0.207 ~ 0.233 0.220±0.013	0.035	260	310
0.275			0.0625 – 0.125					
0.337			0.125 – 0.1875					
0.400			0.1875 – 0.25					
0.462			0.25 – 0.3125					
0.525			0.3125 – 0.375					
0.650			0.375 – 0.5					
0.775			0.5 – 0.625					
0.901			0.625 – 0.75					
CRSD52BS CRSD53BS CRSD54BS CRSD55BS CRSD56BS CRSD58BS CRSD510BS CRSD512BS	5/32 0.1562	0.160 ~ 0.164	0.300	0.0313 – 0.125	0.268 ~ 0.294 0.281±0.013	0.043	370	470
0.362			0.125 – 0.1875					
0.425			0.1875 – 0.25					
0.487			0.25 – 0.3125					
0.550			0.3125 – 0.375					
0.675			0.375 – 0.5					
0.800			0.5 – 0.625					
0.925			0.625 – 0.75					
CRSD62BS CRSD63BS CRSD64BS CRSD65BS CRSD66BS CRSD68BS CRSD610BS CRSD612BS CRSD614BS CRSD616BS			3/16 0.1875	0.192 ~ 0.196				
0.387	0.125 – 0.1875							
0.450	0.1875 – 0.25							
0.513	0.25 – 0.3125							
0.575	0.3125 – 0.375							
0.700	0.375 – 0.5							
0.825	0.5 – 0.625							
0.950	0.625 – 0.75							
1.075	0.75 – 0.875							
1.200	0.875 – 1							

- ◆ 1" = 25.4mm (1 inch = 25.4 millimeter)
- ◆ Settings requiring high strength.



Countersunk Head 120°





Large Flange, Steel Rivets with Steel Mandrels

CLINCH
RIVETS



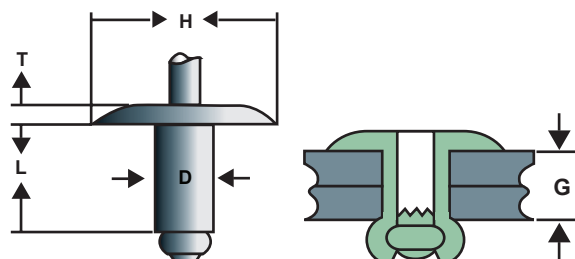
CRSDXXBSLF

S (Steel Body)
D (Dome Head)
X (Rivet Body Diameter)
X (Grip Range)
BS (Steel Break Stem Mandrel)
LF (Large Flange)

IFI-114/Grade30

RIVET CODE	RIVET DIAMETER D	HOLE SIZE (inch)	RIVET LENGTH L (max).	GRIP RANGE G	HEAD DIAMETER H	HEAD THICKNESS T (max).	STANDARD STRENGTH Lbs (min).	
							SHEAR	TENSILE
CRSD42BSLF CRSD43BSLF CRSD44BSLF CRSD46BSLF CRSD48BSLF CRSD410BSLF CRSD412BSLF	1/8 0.1250	0.129 ~ 0.133	0.275 0.337 0.400 0.525 0.650 0.775 0.901	0.0313 – 0.125 0.125 – 0.1875 0.1875 – 0.25 0.25 – 0.375 0.375 – 0.5 0.5 – 0.875 0.875 – 0.75	0.360 ~ 0.390	0.065	260	310
CRSD53BSLF CRSD54BSLF CRSD56BSLF CRSD58BSLF CRSD510BSLF CRSD512BSLF	5/32 0.1562	0.160 ~ 0.164	0.362 0.425 0.550 0.675 0.800 0.925	0.0313 – 0.1875 0.1875 – 0.25 0.25 – 0.375 0.375 – 0.5 0.5 – 0.625 0.625 – 0.75	0.448 ~ 0.488	0.075	370	470
CRSD63BSLF CRSD64BSLF CRSD66BSLF CRSD68BSLF CRSD610BSLF CRSD612BSLF CRSD614BSLF CRSD616BSLF	3/16 0.1875	0.192 ~ 0.196	0.387 0.450 0.575 0.700 0.825 0.950 1.075 1.200	0.0313 – 0.1875 0.1875 – 0.25 0.25 – 0.375 0.375 – 0.5 0.5 – 0.625 0.625 – 0.75 0.75 – 0.875 0.875 – 1	0.600 ~ 0.650	0.092	540	680

- ◆ 1" = 25.4mm (1 inch = 25.4 millimeter)
- ◆ Provide greater bearing surface for fastening soft and brittle facing materials and upside facing holes.
- ◆ Work well with soft materials, where the increased flange diameter protects the integrity of the application.





Stainless Steel Rivets with Stainless Steel Mandrels

CLINCH
RIVETS



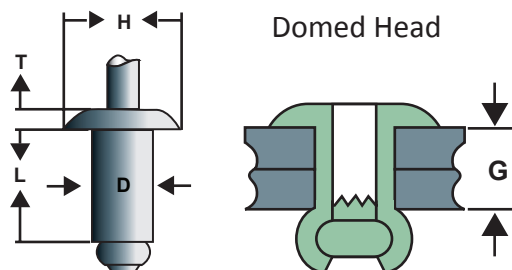
CRSSDXXSSBS

SS (Stainless Steel Body)
D (Dome Head)
X (Rivet Body Diameter)
X (Grip Range)
SSBS (Stainless Steel Mandrel)

IFI-114/Grade51

RIVET CODE	RIVET DIAMETER D	HOLE SIZE (inch)	RIVET LENGTH L (max).	GRIP RANGE G	HEAD DIAMETER H	HEAD THICKNESS T (max).	STANDARD STRENGTH Lbs (min).	
							SHEAR	TENSILE
CRSSD41SSBS CRSSD42SSBS CRSSD43SSBS CRSSD44SSBS CRSSD45SSBS CRSSD46SSBS CRSSD48SSBS CRSSD410SSBS	1/8 0.1250	0.129 ~ 0.133	0.212 0.275 0.337 0.400 0.462 0.525 0.650 0.775	0.0313 – 0.0625 0.0625 – 0.125 0.125 – 0.1875 0.1875 – 0.25 0.25 – 0.3125 0.3125 – 0.375 0.375 – 0.5 0.5 – 0.625	0.238 ~ 0.262 0.250±0.12	0.040	420	530
CRSSD52SSBS CRSSD53SSBS CRSSD54SSBS CRSSD55SSBS CRSSD56SSBS CRSSD58SSBS CRSSD510SSBS CRSSD512SSBS	5/32 0.1562	0.160 ~ 0.164	0.300 0.362 0.425 0.487 0.550 0.675 0.800 0.925	0.0313 – 0.125 0.125 – 0.1875 0.1875 – 0.25 0.25 – 0.3125 0.3125 – 0.375 0.375 – 0.5 0.5 – 0.625 0.625 – 0.75	0.296 ~ 0.328 0.312±0.16	0.050	650	820
CRSSD62SSBS CRSSD63SSBS CRSSD64SSBS CRSSD65SSBS CRSSD66SSBS CRSSD68SSBS CRSSD610SSBS CRSSD612SSBS CRSSD614SSBS CRSSD616SSBS	3/16 0.1875	0.192 ~ 0.196	0.325 0.387 0.450 0.513 0.575 0.700 0.825 0.950 1.075 1.200	0.0313 – 0.125 0.125 – 0.1875 0.1875 – 0.25 0.25 – 0.3125 0.3125 – 0.375 0.375 – 0.5 0.5 – 0.625 0.625 – 0.75 0.75 – 0.825 0.825 – 1	0.356 ~ 0.394 0.375±0.19	0.060	950	1200
CRSSD84SSBS CRSSD86SSBS CRSSD88SSBS CRSSD810SSBS CRSSD812SSBS CRSSD814SSBS	1/4 0.250	0.257 ~ 0.261	0.500 0.625 0.750 0.875 1.000 1.125	0.0313 – 0.25 0.25 – 0.375 0.375 – 0.5 0.5 – 0.625 0.625 – 0.75 0.75 – 0.825	0.475 ~ 0.525 0.500±0.25	0.080	1700	2100

- ◆ 1" = 25.4mm (1 inch = 25.4 millimeter)
- ◆ Using stainless steel for the rivets bodies, the rivets are available for assembling with the stainless steel mandrels (SSBS).
- ◆ Stainless Steel rivet bodies and stainless steel mandrels are the ideal solutions for applications requiring high strength and corrosion resistance.





Stainless Steel Rivets, Countersunk Head with Stainless Steel Mandrels

CLINCH
RIVETS



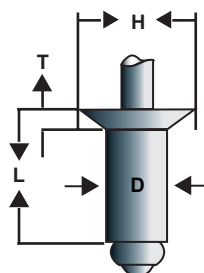
CRSSKXXSSBS

SS (Stainless Steel Body)
K (120° Countersunk Head)
X (Rivet Body Diameter)
X (Grip Range)
SSBS (Stainless Steel Mandrel)

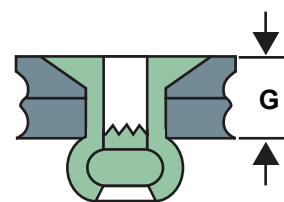
IFI-114/Grade51

RIVET CODE	RIVET DIAMETER D	HOLE SIZE (inch)	RIVET LENGTH L (max).	GRIP RANGE G	HEAD DIAMETER H	HEAD THICKNESS T (max).	STANDARD STRENGTH Lbs (min).	
							SHEAR	TENSILE
CRSSK41SSBS CRSSK42SSBS CRSSK43SSBS CRSSK44SSBS CRSSK45SSBS CRSSK46SSBS CRSSK48SSBS	1/8 0.1250	0.129 ~ 0.133	0.212 0.275 0.337 0.400 0.462 0.525 0.650	0.0313 – 0.0625 0.0625 – 0.125 0.125 – 0.1875 0.1875 – 0.25 0.25 – 0.3125 0.3125 – 0.375 0.375 – 0.5	0.207 ~ 0.233	0.039	420	530
CRSSK52SSBS CRSSK53SSBS CRSSK54SSBS CRSSK55SSBS CRSSK56SSBS CRSSK58SSBS CRSSK510SSBS	5/32 0.1562	0.160 ~ 0.164	0.300 0.362 0.425 0.487 0.550 0.675 0.800	0.0313 – 0.125 0.125 – 0.1875 0.1875 – 0.25 0.25 – 0.3125 0.3125 – 0.375 0.375 – 0.5 0.5 – 0.625	0.268 ~ 0.294	0.051	650	820
CRSSK62SSBS CRSSK63SSBS CRSSK64SSBS CRSSK65SSBS CRSSK66SSBS CRSSK68SSBS CRSSK610SSBS CRSSK612SSBS	3/16 0.1875	0.192 ~ 0.196	0.325 0.387 0.450 0.513 0.575 0.700 0.825 0.950	0.0313 – 0.125 0.125 – 0.1875 0.1875 – 0.25 0.25 – 0.3125 0.3125 – 0.375 0.375 – 0.5 0.5 – 0.625 0.625 – 0.75	0.335 ~ 0.361	0.059	950	1200

- ◆ 1" = 25.4mm (1 inch = 25.4 millimeter)
- ◆ Rivets with countersunk heads are manufactured to order.
- ◆ Stainless Steel rivet bodies and stainless steel mandrels are the ideal solution for applications requiring high strength and corrosion resistance.



Countersunk Head 120°





Stainless Steel Rivets with Steel Mandrels

CLINCH
RIVETS



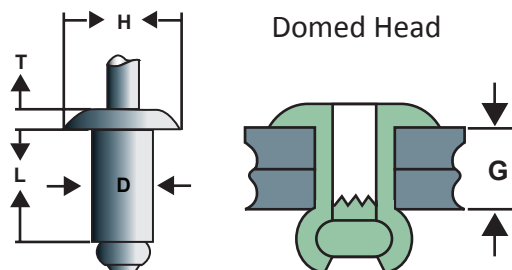
CRSSDXXBS

SS (Stainless Steel Body)
D (Dome Head)
X (Rivet Body Diameter)
X (Grip Range)
BS (Steel Break Stem Mandrel)

IFI-114/Grade50

RIVET CODE	RIVET DIAMETER D	HOLE SIZE (inch)	RIVET LENGTH L (max).	GRIP RANGE G	HEAD DIAMETER H	HEAD THICKNESS T (max).	STANDARD STRENGTH Lbs (min).	
							SHEAR	TENSILE
CRSSD41BS CRSSD42BS CRSSD43BS CRSSD44BS CRSSD45BS CRSSD46BS CRSSD48BS CRSSD410BS	1/8 0.1250	0.129 ~ 0.133	0.212 0.275 0.337 0.400 0.462 0.525 0.650 0.775	0.0313 – 0.0625 0.0625 – 0.125 0.125 – 0.1875 0.1875 – 0.25 0.25 – 0.3125 0.3125 – 0.375 0.375 – 0.5 0.5 – 0.625	0.238 ~ 0.262 0.250±0.12	0.040	420	530
CRSSD52BS CRSSD53BS CRSSD54BS CRSSD55BS CRSSD56BS CRSSD58BS CRSSD510BS CRSSD512BS	5/32 0.1562	0.160 ~ 0.164	0.300 0.362 0.425 0.487 0.550 0.675 0.800 0.925	0.0313 – 0.125 0.125 – 0.1875 0.1875 – 0.25 0.25 – 0.3125 0.3125 – 0.375 0.375 – 0.5 0.5 – 0.625 0.625 – 0.75	0.296 ~ 0.328 0.312±0.16	0.050	650	820
CRSSD62BS CRSSD63BS CRSSD64BS CRSSD65BS CRSSD66BS CRSSD68BS CRSSD610BS CRSSD612BS CRSSD614BS CRSSD616BS	3/16 0.1875	0.192 ~ 0.196	0.325 0.387 0.450 0.513 0.575 0.700 0.825 0.950 1.075 1.200	0.0313 – 0.125 0.125 – 0.1875 0.1875 – 0.25 0.25 – 0.3125 0.3125 – 0.375 0.375 – 0.5 0.5 – 0.625 0.625 – 0.75 0.75 – 0.825 0.825 – 1	0.356 ~ 0.394 0.375±0.19	0.060	950	1200
CRSSD84BS CRSSD86BS CRSSD88BS CRSSD810BS CRSSD812BS CRSSD814BS	1/4 0.250	0.257 ~ 0.261	0.500 0.625 0.750 0.875 1.000 1.125	0.0313 – 0.25 0.25 – 0.375 0.375 – 0.5 0.5 – 0.625 0.625 – 0.75 0.75 – 0.825	0.475 ~ 0.525 0.500±0.25	0.080	1700	2100

- ◆ 1" = 25.4mm (1 inch = 25.4 millimeter)
- ◆ Strong, corrosion resistant stainless steel rivet bodies are ideal for a wide range of applications.
- ◆ Versatile for general fastening needs.





Stainless Steel Rivets, Countersunk Head with Steel Mandrels

CLINCH
RIVETS



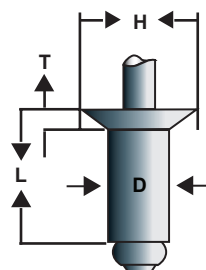
CRSSKXXBS

SS (Stainless Steel Body)
K (120° Countersunk Head)
X (Rivet Body Diameter)
X (Grip Range)
BS (Steel Break Stem Mandrel)

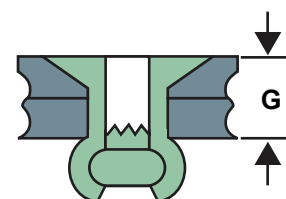
IFI-114/Grade50

RIVET CODE	RIVET DIAMETER D	HOLE SIZE (inch)	RIVET LENGTH L (max).	GRIP RANGE G	HEAD DIAMETER H	HEAD THICKNESS T (max).	STANDARD STRENGTH Lbs (min).	
							SHEAR	TENSILE
CRSSK41SSBS CRSSK42SSBS CRSSK43SSBS CRSSK44SSBS CRSSK45SSBS CRSSK46SSBS CRSSK48SSBS	1/8 0.1250	0.129 ~ 0.133	0.212 0.275 0.337 0.400 0.462 0.525 0.650	0.0313 – 0.0625 0.0625 – 0.125 0.125 – 0.1875 0.1875 – 0.25 0.25 – 0.3125 0.3125 – 0.375 0.375 – 0.5	0.207 ~ 0.233	0.039	420	530
CRSSK52SSBS CRSSK53SSBS CRSSK54SSBS CRSSK55SSBS CRSSK56SSBS CRSSK58SSBS CRSSK510SSBS	5/32 0.1562	0.160 ~ 0.164	0.300 0.362 0.425 0.487 0.550 0.675 0.800	0.0313 – 0.125 0.125 – 0.1875 0.1875 – 0.25 0.25 – 0.3125 0.3125 – 0.375 0.375 – 0.5 0.5 – 0.625	0.268 ~ 0.294	0.051	650	820
CRSSK62SSBS CRSSK63SSBS CRSSK64SSBS CRSSK65SSBS CRSSK66SSBS CRSSK68SSBS CRSSK610SSBS CRSSK612SSBS	3/16 0.1875	0.192 ~ 0.196	0.325 0.387 0.450 0.513 0.575 0.700 0.825 0.950	0.0313 – 0.125 0.125 – 0.1875 0.1875 – 0.25 0.25 – 0.3125 0.3125 – 0.375 0.375 – 0.5 0.5 – 0.625 0.625 – 0.75	0.335 ~ 0.361	0.059	950	1200

- ◆ 1" = 25.4mm (1 inch = 25.4 millimeter)
- ◆ Rivets with countersunk heads are manufactured to order.
- ◆ Countersunk rivets provide a flush head on the work piece.



Countersunk Head 120°





Multiple Grip Aluminum Rivets with Aluminum Mandrels

CLINCH
RIVETS

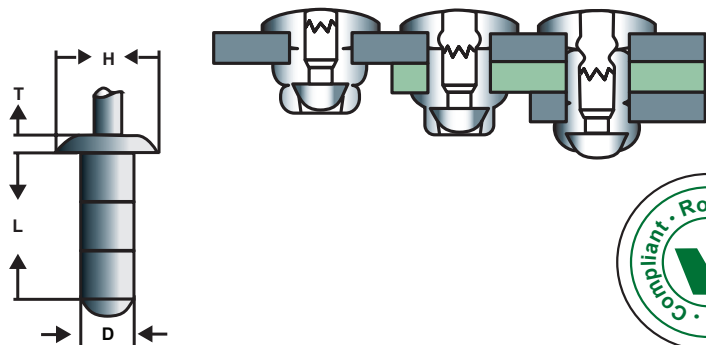


CRADX-XABS

A (Aluminium body)
D (Dome Head)
X (Rivet Body Diameter)
X (Grip Range)
ABS (Aluminium Break Stem Mandrel)

RIVET CODE	RIVET DIAMETER D	HOLE SIZE	RIVET LENGTH L	GRIP RANGE G	HEAD DIAMETER H	HEAD THICKNESS T(max).	STANDARD STRENGTH Lbs (min).	
							SHEAR	TENSILE
CRAD41 - 43ABS CRAD43 - 45ABS CRAD44 - 46ABS CRAD45 - 47ABS CRAD46 - 48ABS	1/8	0.129 ~ 0.133	0.322 0.448 0.511 0.514 0.657	0.0313 - 0.1875 0.125 - 0.3125 0.1875 - 0.375 0.25 - 0.4375 0.3125 - 0.5	0.252	0.047	120	150
CRAD51 - 53ABS CRAD52 - 54ABS CRAD53 - 55ABS CRAD54 - 56ABS CRAD55 - 57ABS CRAD56 - 58ABS CRAD57 - 59ABS	5/32	0.161 ~ 0.165	0.350 0.413 0.477 0.535 0.598 0.661 0.724	0.0313 - 0.1875 0.0625 - 0.25 0.125 - 0.3125 0.1875 - 0.375 0.25 - 0.4375 0.3125 - 0.5 0.375 - 0.5625	0.311	0.059	190	230
CRAD62 - 64ABS CRAD63 - 66ABS CRAD64 - 67ABS CRAD66 - 68ABS CRAD67 - 69ABS CRAD68 - 612ABS CRAD69 - 614ABS	3/16	0.192 ~ 0.196	0.437 0.562 0.625 0.688 0.759 0.937 1.06	0.0625 - 0.25 0.125 - 0.375 0.1875 - 0.4375 0.3125 - 0.5 0.375 - 0.5625 0.4375 - 0.75 0.5 - 0.875	0.375	0.063	260	320

- ◆ 1" = 25.4mm (1 inch = 25.4 millimeter)
- ◆ Multiple Grip rivets with countersunk, large flange, or colored head are available on special order.
- ◆ One Multiple Grip rivet can be used in multiple material thicknesses. This reduces inventories and eliminates operator error.
- ◆ Stem is locked in shell, eliminating the risk of mandrel head vibrating loose while providing a weather resistant joint.
- ◆ The bulbing formation of the Multiple Grip rivet will fill slightly oversized or irregular holes, providing increased strength and vibration resistance.





Multiple Grip Aluminum Rivets with Steel Mandrels

CLINCH
RIVETS

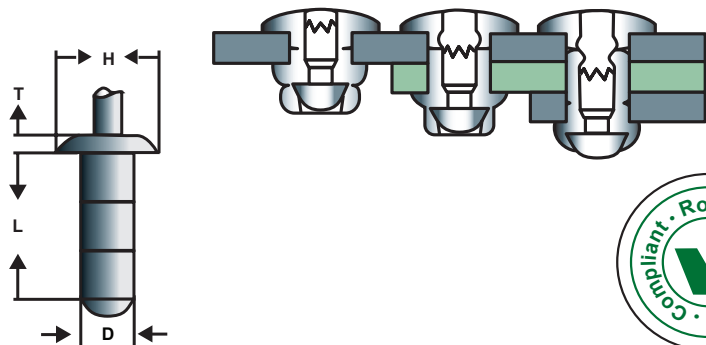


CRADX-XBS

A (Aluminium body)
D (Dome Head)
X (Rivet Body Diameter)
X (Grip Range)
BS (Steel Break Stem Mandrel)

RIVET CODE	RIVET DIAMETER D	HOLE SIZE	RIVET LENGTH L	GRIP RANGE G	HEAD DIAMETER H	HEAD THICKNESS T(max).	STANDARD STRENGTH Lbs (min).	
							SHEAR	TENSILE
CRAD41 - 43BS CRAD43 - 45BS CRAD44 - 46BS CRAD45 - 47BS CRAD46 - 48BS	1/8	0.129 ~ 0.133	0.322 0.448 0.511 0.514 0.657	0.0313 - 0.1875 0.125 - 0.3125 0.1875 - 0.375 0.25 - 0.4375 0.3125 - 0.5	0.252	0.047	120	150
CRAD51 - 53BS CRAD52 - 54BS CRAD53 - 55BS CRAD54 - 56BS CRAD55 - 57BS CRAD56 - 58BS CRAD57 - 59BS	5/32	0.161 ~ 0.165	0.350 0.413 0.477 0.535 0.598 0.661 0.724	0.0313 - 0.1875 0.0625 - 0.25 0.125 - 0.3125 0.1875 - 0.375 0.25 - 0.4375 0.3125 - 0.5 0.375 - 0.5625	0.311	0.059	190	230
CRAD62 - 64BS CRAD63 - 66BS CRAD64 - 67BS CRAD66 - 68BS CRAD67 - 69BS CRAD68 - 612BS CRAD69 - 614BS	3/16	0.192 ~ 0.196	0.437 0.562 0.625 0.688 0.759 0.937 1.06	0.0625 - 0.25 0.125 - 0.375 0.1875 - 0.4375 0.3125 - 0.5 0.375 - 0.5625 0.4375 - 0.75 0.5 - 0.875	0.375	0.063	260	320

- ◆ 1" = 25.4mm (1 inch = 25.4 millimeter)
- ◆ Multiple Grip rivets with countersunk, large flange, or colored head are available on special order.
- ◆ One Multiple Grip rivet can be used in multiple material thicknesses. This reduces inventories and eliminates operator error.
- ◆ Stem is locked in shell, eliminating the risk of mandrel head vibrating loose while providing a weather resistant joint.
- ◆ The bulbing formation of the Multiple Grip rivet will fill slightly oversized or irregular holes, providing increased strength and vibration resistance.





Multiple Grip Steel Rivets with Steel Mandrels

CLINCH
RIVETS

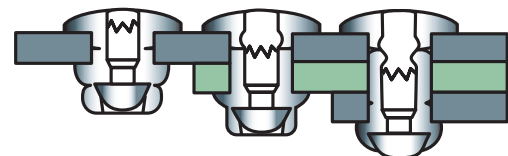
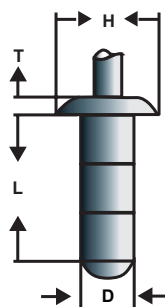


CRSDX-XBS

S (Steel Body)
D (Dome Head)
X (Rivet Body Diameter)
X (Grip Range)
BS (Steel Break Stem Mandrel)

RIVET CODE	RIVET DIAMETER D	HOLE SIZE (inch)	RIVET LENGTH L (+/- 0.011)	GRIP RANGE G	HEAD DIAMETER H	HEAD THICK-NESS T (max).	STANDARD STRENGTH Lbs (min).	
							SHEAR	TENSILE
CRSD41 - 43BS CRSD42 - 44BS CRSD43 - 45BS CRSD44 - 46BS CRSD45 - 47BS CRSD46 - 48BS	1/8	0.129 ~ 0.133	0.322 0.389 0.488 0.511 0.574 0.637	0.0313 - 0.1875 0.0625 - 0.25 0.125 - 0.3125 0.1875 - 0.375 0.25 - 0.4375 0.3125 - 0.5	0.252	0.047	260	310
CRSD51 - 53BS CRSD52 - 54BS CRSD53 - 55BS CRSD54 - 56BS CRSD55 - 57BS CRSD56 - 58BS CRSD57 - 59BS	5/32	0.161 ~ 0.165	0.350 0.413 0.472 0.535 0.598 0.661 0.724	0.0313 - 0.1875 0.0625 - 0.25 0.125 - 0.3125 0.1875 - 0.375 0.25 - 0.4375 0.3125 - 0.5 0.375 - 0.5625	0.311	0.059	370	470
CRSD61 - 63BS CRSD62 - 64BS CRSD63 - 65BS CRSD63 - 66BS CRSD64 - 67BS CRSD66 - 68BS CRSD67 - 69BS CRSD68 - 610BS CRSD610 - 612BS	3/16	0.192 ~ 0.196	0.374 0.437 0.500 0.562 0.625 0.688 0.759 0.814 0.937	0.0313 - 0.1875 0.0625 - 0.25 0.125 - 0.3125 0.1875 - 0.375 0.25 - 0.4375 0.3125 - 0.5 0.375 - 0.5625 0.4375 - 0.625 0.875 - 0.75	0.375	0.063	600	650

- ◆ 1" = 25.4mm (1 inch = 25.4 millimeter)
- ◆ Works well with multiple material thicknesses. This reduces inventories and eliminates operator error.
- ◆ Bulbing formation will fill slightly oversize or irregular facing holes, providing increased strength and vibration resistance.
- ◆ High shear and tensile strength provides strong, vibration resistant joints.





Multiple Grip Stainless Steel Rivets with Stainless Steel Mandrels

CLINCH
RIVETS

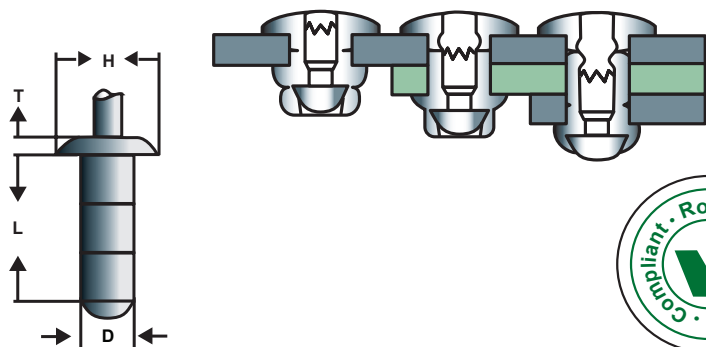


CRSSDX-XSSBS

SS (Stainless Steel Body)
D (Dome Head)
X (Rivet Body Diameter)
X (Grip Range)
SSBS (Stainless Steel Mandrel)

RIVET CODE	RIVET DIAMETER D	HOLE SIZE (inch)	RIVET LENGTH L (+/- 0.011)	GRIP RANGE G	HEAD DIAMETER H	HEAD THICKNESS T (max).	STANDARD STRENGTH Lbs (min).	
							SHEAR	TENSILE
CRSSD41 - 43SSBS CRSSD42 - 44SSBS CRSSD43 - 45SSBS CRSSD44 - 46SSBS CRSSD45 - 47SSBS CRSSD46 - 48SSBS	1/8	0.129 ~ 0.133	0.322	0.0313 - 0.1875	0.252	0.047	420	530
0.389			0.0625 - 0.25					
0.488			0.125 - 0.3125					
0.511			0.1875 - 0.375					
0.574			0.25 - 0.4375					
0.637			0.3125 - 0.5					
CRSSD51 - 53SSBS CRSSD52 - 54SSBS CRSSD53 - 55SSBS CRSSD54 - 56SSBS CRSSD55 - 57SSBS CRSSD56 - 58SSBS CRSSD57 - 59SSBS	5/32	0.161 ~ 0.165	0.350	0.0313 - 0.1875	0.311	0.059	650	820
0.413			0.0625 - 0.25					
0.472			0.125 - 0.3125					
0.535			0.1875 - 0.375					
0.598			0.25 - 0.4375					
0.661			0.3125 - 0.5					
0.724			0.375 - 0.5625					
CRSSD61 - 63SSBS CRSSD62 - 64SSBS CRSSD63 - 65SSBS CRSSD63 - 66SSBS CRSSD64 - 67SSBS CRSSD66 - 68SSBS CRSSD67 - 69SSBS CRSSD68 - 610SSBS CRSSD610 - 612SSBS	3/16	0.192 ~ 0.196	0.374	0.0313 - 0.1875	0.375	0.063	950	1200
0.437			0.0625 - 0.25					
0.500			0.125 - 0.3125					
0.562			0.1875 - 0.375					
0.625			0.25 - 0.4375					
0.688			0.3125 - 0.5					
0.759			0.375 - 0.5625					
0.814			0.4375 - 0.625					
0.937			0.625 - 0.75					

- ◆ 1" = 25.4mm (1 inch = 25.4 millimeter)
- ◆ Works well with multiple material thicknesses. This reduces inventories and eliminates operator error.
- ◆ Bulbing formation will fill slightly oversize or irregular facing holes, providing increased strength and vibration resistance.
- ◆ High shear and tensile strength provides strong, vibration resistant joints.





Aluminum Rivets with Aluminum Mandrels Closed End

CLINCH
RIVETS



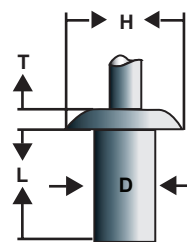
CRADXXAH

A (Aluminium Body)
D (Dome Head)
X (Rivet Body Diameter)
X (Grip Range)
AH (Aluminium Mandrel, Closed End Rivet Body)

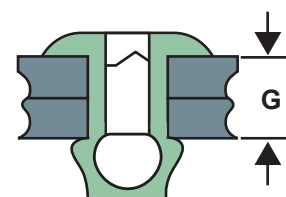
IFI-126/Grade15

RIVET CODE	RIVET DIAMETER D	HOLE SIZE (inch)	RIVET LENGTH L (max).	GRIP RANGE G	HEAD DIAMETER H	HEAD THICKNESS T (max).	STANDARD STRENGTH Lbs (min).	
							SHEAR	TENSILE
CRAD41AH CRAD42AH CRAD43AH CRAD44AH CRAD45AH CRAD46AH CRAD48AH	1/8 0.1250	0.129 ~ 0.133	0.297 0.360 0.422 0.485 0.547 0.610 0.735	0.0313 – 0.0625 0.0625 – 0.125 0.125 – 0.1875 0.1875 – 0.25 0.25 – 0.3125 0.3125 – 0.375 0.375 – 0.5	0.224 ~ 0.252	0.050	100	110
CRAD52AH CRAD53AH CRAD54AH CRAD55AH CRAD56AH CRAD58AH	5/32 0.1562	0.160 ~ 0.164	0.375 0.437 0.500 0.562 0.625 0.750	0.0313 – 0.125 0.125 – 0.1875 0.1875 – 0.25 0.25 – 0.3125 0.3125 – 0.375 0.375 – 0.5	0.296 ~ 0.328	0.065	130	160
CRAD62AH CRAD63AH CRAD64AH CRAD66AH CRAD68AH CRAD610AH CRAD612AH	3/16 0.1875	0.192 ~ 0.196	0.406 0.468 0.531 0.656 0.781 0.906 1.026	0.0313 – 0.125 0.125 – 0.1875 0.1875 – 0.25 0.25 – 0.375 0.375 – 0.5 0.5 – 0.625 0.625 – 0.75	0.356 ~ 0.394	0.080	210	250

- ◆ 1" = 25.4mm (1 inch = 25.4 millimeter)
- ◆ Closed end rivets have greater shear and tensile strength than equivalent open end rivet.
- ◆ Seals out contaminants such as air and moisture.
- ◆ 100% mandrel head retention guaranteed.



Domed Head





Aluminum Rivets, Countersunk Head with Aluminum Mandrels Closed End

CLINCH
RIVETS



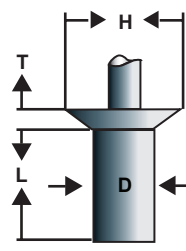
CRAKXXAH

A (Aluminium Body))
K (120° Countersunk Head)
X (Rivet Body Diameter)
X (Grip Range)
AH (Aluminium Mandrel, Closed End Rivet Body)

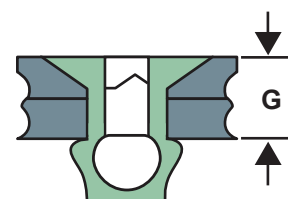
IFI-126/Grade15

RIVET CODE	RIVET DIAMETER D	HOLE SIZE (inch)	RIVET LENGTH L (max).	GRIP RANGE G	HEAD DIAMETER H	HEAD THICKNESS T (max).	STANDARD STRENGTH Lbs (min).	
							SHEAR	TENSILE
CRAK41AH CRAK42AH CRAK43AH CRAK44AH CRAK45AH CRAK46AH CRAK48AH	1/8 0.1250	0.129 ~ 0.133	0.297 0.360 0.422 0.485 0.547 0.610 0.735	0.0313 – 0.0625 0.0625 – 0.125 0.125 – 0.1875 0.1875 – 0.25 0.25 – 0.3125 0.3125 – 0.375 0.375 – 0.5	0.221 ~ 0.245	0.042	100	110
CRAK52AH CRAK53AH CRAK54AH CRAK55AH CRAK56AH CRAK58AH	5/32 0.1562	0.160 ~ 0.164	0.375 0.437 0.500 0.562 0.625 0.750	0.0313 – 0.125 0.125 – 0.1875 0.1875 – 0.25 0.25 – 0.3125 0.3125 – 0.375 0.375 – 0.5	0.296 ~ 0.328	0.051	130	160
CRAK62AH CRAK63AH CRAK64AH CRAK66AH CRAK68AH CRAK610AH CRAK612AH	3/16 0.1875	0.192 ~ 0.196	0.406 0.468 0.531 0.656 0.781 0.906 1.026	0.0313 – 0.125 0.125 – 0.1875 0.1875 – 0.25 0.25 – 0.375 0.375 – 0.5 0.5 – 0.625 0.625 – 0.75	0.356 ~ 0.394	0.060	210	250

- ◆ 1" = 25.4mm (1 inch = 25.4 millimeter)
- ◆ Rivets with countersunk heads are manufactured to order.
- ◆ Closed end rivets have greater shear and tensile strength than equivalent open end rivet.
- ◆ Seals out contaminants such as air and moisture.
- ◆ 100% mandrel head retention guaranteed.



Countersunk Head 120°





Aluminum Rivets with Steel Mandrels Closed End

CLINCH
RIVETS



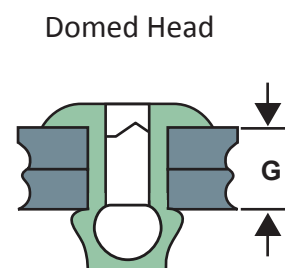
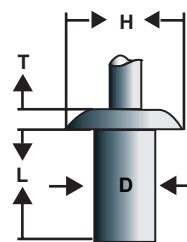
CRADXXH

A (Aluminium Body)
D (Dome Head)
X (Rivet Body Diameter)
X (Grip Range)
H (Closed End Rivet Body)

IFI-126/Grade19

RIVET CODE	RIVET DIAMETER D	HOLE SIZE (inch)	RIVET LENGTH L (max).	GRIP RANGE G	HEAD DIAMETER H	HEAD THICKNESS T (max).	STANDARD STRENGTH Lbs (min).	
							SHEAR	TENSILE
CRAD41H CRAD42H CRAD43H CRAD44H CRAD45H CRAD46H CRAD48H	1/8 0.1250	0.129 ~ 0.133	0.297 0.360 0.422 0.485 0.547 0.610 0.735	0.0313 – 0.0625 0.0625 – 0.125 0.125 – 0.1875 0.1875 – 0.25 0.25 – 0.3125 0.3125 – 0.375 0.375 – 0.5	0.224 ~ 0.252	0.050	240	280
CRAD52H CRAD53H CRAD54H CRAD55H CRAD56H CRAD58H	5/32 0.1562	0.160 ~ 0.164	0.375 0.437 0.500 0.562 0.625 0.750	0.0313 – 0.125 0.125 – 0.1875 0.1875 – 0.25 0.25 – 0.3125 0.3125 – 0.375 0.375 – 0.5	0.296 ~ 0.328	0.065	350	480
CRAD62H CRAD63H CRAD64H CRAD66H CRAD68H CRAD610H CRAD612H	3/16 0.1875	0.192 ~ 0.196	0.406 0.468 0.531 0.656 0.781 0.906 1.026	0.0313 – 0.125 0.125 – 0.1875 0.1875 – 0.25 0.25 – 0.375 0.375 – 0.5 0.5 – 0.625 0.625 – 0.75	0.356 ~ 0.394	0.080	500	690

- ◆ 1" = 25.4mm (1 inch = 25.4 millimeter)
- ◆ Closed end rivets have greater shear and tensile strength than equivalent open end rivet.
- ◆ Seals out contaminants such as air and moisture.
- ◆ 100% mandrel head retention guaranteed.





Aluminum Rivets, Countersunk Head with Steel Mandrels Closed End

CLINCH
RIVETS



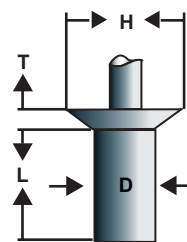
CRAKXXH

A (Aluminium Body)
K (120° Countersunk Head)
X (Rivet Body Diameter)
X (Grip Range)
H (Closed End Rivet Body)

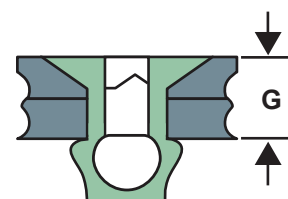
IFI-126/Grade19

RIVET CODE	RIVET DIAMETER D	HOLE SIZE (inch)	RIVET LENGTH L (max).	GRIP RANGE G	HEAD DIAMETER H	HEAD THICKNESS T (max).	STANDARD STRENGTH Lbs (min).	
							SHEAR	TENSILE
CRAD41H CRAD42H CRAD43H CRAD44H CRAD45H CRAD46H CRAD48H	1/8 0.1250	0.129 ~ 0.133	0.297 0.360 0.422 0.485 0.547 0.610 0.735	0.0313 – 0.0625 0.0625 – 0.125 0.125 – 0.1875 0.1875 – 0.25 0.25 – 0.3125 0.3125 – 0.375 0.375 – 0.5	0.221 ~ 0.245	0.042	240	280
CRAD52H CRAD53H CRAD54H CRAD55H CRAD56H CRAD58H	5/32 0.1562	0.160 ~ 0.164	0.375 0.437 0.500 0.562 0.625 0.750	0.0313 – 0.125 0.125 – 0.1875 0.1875 – 0.25 0.25 – 0.3125 0.3125 – 0.375 0.375 – 0.5	0.296 ~ 0.328	0.051	350	480
CRAD62H CRAD63H CRAD64H CRAD66H CRAD68H CRAD610H CRAD612H	3/16 0.1875	0.192 ~ 0.196	0.406 0.468 0.531 0.656 0.781 0.906 1.026	0.0313 – 0.125 0.125 – 0.1875 0.1875 – 0.25 0.25 – 0.375 0.375 – 0.5 0.5 – 0.625 0.625 – 0.75	0.356 ~ 0.394	0.060	500	690

- ◆ 1" = 25.4mm (1 inch = 25.4 millimeter)
- ◆ Rivets with countersunk heads are manufactured to order.
- ◆ Closed end rivets have greater shear and tensile strength than equivalent open end rivet.
- ◆ Seals out contaminants such as air and moisture.
- ◆ 100% mandrel head retention guaranteed.



Countersunk Head 120°





Steel Rivets with Steel Mandrels Closed End

CLINCH
RIVETS



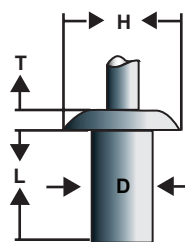
CRSDXXH

S (Steel Body)
D (Dome Head)
X (Rivet Body Diameter)
X (Grip Range)
H (Closed End Rivet Body)

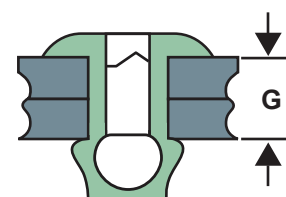
IFI-126

RIVET CODE	RIVET DIAMETER D	HOLE SIZE (inch)	RIVET LENGTH L (max).	GRIP RANGE G	HEAD DIAMETER H	HEAD THICKNESS T (max).	STANDARD STRENGTH Lbs (min).	
							SHEAR	TENSILE
CRSD41H CRSD42H CRSD43H CRSD44H CRSD45H CRSD46H CRSD48H	1/8 0.1250	0.129 ~ 0.133	0.297 0.360 0.422 0.485 0.547 0.610 0.735	0.0313 – 0.0625 0.0625 – 0.125 0.125 – 0.1875 0.1875 – 0.25 0.25 – 0.3125 0.3125 – 0.375 0.375 – 0.5	0.224 ~ 0.252	0.050	441	551
CRSD52H CRSD53H CRSD54H CRSD55H CRSD56H CRSD58H	5/32 0.1562	0.160 ~ 0.164	0.375 0.437 0.500 0.562 0.625 0.750	0.0313 – 0.125 0.125 – 0.1875 0.1875 – 0.25 0.25 – 0.3125 0.3125 – 0.375 0.375 – 0.5	0.296 ~ 0.328	0.065	389	418
CRSD62H CRSD63H CRSD64H CRSD66H CRSD68H CRSD610H CRSD612H	3/16 0.1875	0.192 ~ 0.196	0.406 0.468 0.531 0.656 0.781 0.906 1.026	0.0313 – 0.125 0.125 – 0.1875 0.1875 – 0.25 0.25 – 0.375 0.375 – 0.5 0.5 – 0.625 0.625 – 0.75	0.356 ~ 0.394	0.080	991	1210

- ◆ 1" = 25.4mm (1 inch = 25.4 millimeter)
- ◆ Closed end rivets have greater shear and tensile strength than equivalent open end rivet.
- ◆ Seals out contaminants such as air and moisture.
- ◆ 100% mandrel head retention guaranteed.



Domed Head





Stainless Steel Rivets with Stainless Steel Mandrels Closed End

CLINCH
RIVETS



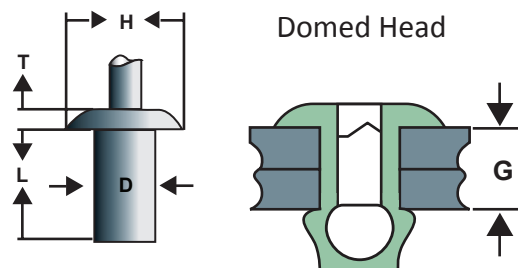
CRSSDXXSSH

SS (Stainless Steel Body)
D (Dome Head)
X (Rivet Body Diameter)
X (Grip Range)
SSH (Stainless Steel Mandrel, Closed End Rivet Body)

IFI 126

RIVET CODE	RIVET DIAMETER D	HOLE SIZE (inch)	RIVET LENGTH L (max).	GRIP RANGE G	HEAD DIAMETER H	HEAD THICKNESS T (max).	STANDARD STRENGTH Lbs (min).	
							SHEAR	TENSILE
CRSSD41SSH CRSSD42SSH CRSSD43SSH CRSSD44SSH CRSSD45SSH CRSSD46SSH CRSSD48SSH	1/8 0.1250	0.129 ~ 0.133	0.297 0.360 0.422 0.485 0.547 0.610 0.735	0.0313 – 0.0625 0.0625 – 0.125 0.125 – 0.1875 0.1875 – 0.25 0.25 – 0.3125 0.3125 – 0.375 0.375 – 0.5	0.224 ~ 0.252 0.250±0.12	0.050	441	551
CRSSD52SSH CRSSD53SSH CRSSD54SSH CRSSD55SSH CRSSD56SSH CRSSD58SSH	5/32 0.1562	0.160 ~ 0.164	0.375 0.437 0.500 0.562 0.625 0.750	0.0313 – 0.125 0.125 – 0.1875 0.1875 – 0.25 0.25 – 0.3125 0.3125 – 0.375 0.375 – 0.5	0.296 ~ 0.328 0.312±0.16	0.065	389	418
CRSSD62SSH CRSSD63SSH CRSSD64SSH CRSSD65SSH CRSSD66SSH CRSSD68SSH CRSSD610SSH CRSSD612SSH	3/16 0.1875	0.192 ~ 0.196	0.406 0.468 0.531 0.656 0.781 0.700 0.906 1.026	0.0313 – 0.125 0.125 – 0.1875 0.1875 – 0.25 0.25 – 0.3125 0.3125 – 0.375 0.375 – 0.5 0.5 – 0.625 0.625 – 0.75	0.356 ~ 0.394 0.375±0.19	0.080	991	1210

- ◆ 1" = 25.4mm (1 inch = 25.4 millimeter)
- ◆ Closed end rivets have greater shear and tensile strength than equivalent open end rivet.
- ◆ Seals out contaminants such as air and moisture.
- ◆ 100% mandrel head retention guaranteed.





Stainless Steel Rivets, Countersunk Head with Stainless Steel Mandrels Closed End

CLINCH
RIVETS



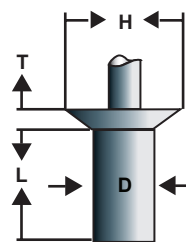
CRSSKXXSSH

SS (Stainless Steel Body)
K (120° Countersunk Head)
X (Rivet Body Diameter)
X (Grip Range)
SSH (Stainless Steel Mandrel, Closed End Rivet Body)

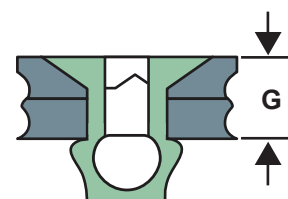
IFI 126

RIVET CODE	RIVET DIAMETER D	HOLE SIZE (inch)	RIVET LENGTH L (max).	GRIP RANGE G	HEAD DIAMETER H	HEAD THICKNESS T (max).	STANDARD STRENGTH Lbs (min).	
							SHEAR	TENSILE
CRSSK41SSH CRSSK42SSH CRSSK43SSH CRSSK44SSH CRSSK45SSH CRSSK46SSH CRSSK48SSH	1/8 0.1250	0.129 ~ 0.133	0.297 0.360 0.422 0.485 0.547 0.610 0.735	0.0313 – 0.0625 0.0625 – 0.125 0.125 – 0.1875 0.1875 – 0.25 0.25 – 0.3125 0.3125 – 0.375 0.375 – 0.5	0.221 ~ 0.245 0.233±0.12	0.042	441	551
CRSSK52SSH CRSSK53SSH CRSSK54SSH CRSSK55SSH CRSSK56SSH CRSSK58SSH	5/32 0.1562	0.160 ~ 0.164	0.375 0.437 0.500 0.562 0.625 0.750	0.0313 – 0.125 0.125 – 0.1875 0.1875 – 0.25 0.25 – 0.3125 0.3125 – 0.375 0.375 – 0.5	0.296 ~ 0.328 0.312±0.16	0.051	389	418
CRSSK62SSH CRSSK63SSH CRSSK64SSH CRSSK65SSH CRSSK66SSH CRSSK68SSH CRSSK610SSH CRSSK612SSH	3/16 0.1875	0.192 ~ 0.196	0.406 0.468 0.531 0.656 0.781 0.700 0.906 1.026	0.0313 – 0.125 0.125 – 0.1875 0.1875 – 0.25 0.25 – 0.3125 0.3125 – 0.375 0.375 – 0.5 0.5 – 0.625 0.625 – 0.75	0.356 ~ 0.394 0.375±0.19	0.060	991	1210

- ◆ 1" = 25.4mm (1 inch = 25.4 millimeter)
- ◆ Rivets with countersunk heads are manufactured to order.
- ◆ Closed end rivets have greater shear and tensile strength than equivalent open end rivet.
- ◆ Seals out contaminants such as air and moisture.
- ◆ 100% mandrel head retention guaranteed.



Countersunk Head 120°



CLINCH RIVET TOOL

Exclusively distributed by Clinch Northwest
www.clinchnw.com



- Pneumatic / Hydraulic with 3 jaw system for greater mandrel engagement and pulling power
- Vacuum mandrel system
- Adjustable air volume switch feeding into tool for total air consumption control
- Light weight, durable design for heavy duty operation for all materials of blind rivets
- One year factory warranty

Rivet Tool	Description	Weight	Air pressure	Stroke	Capacity
CR-1	Clinch Rivet Tool with vacuum mandrel	2.86lb	60-95psi	.79"	All blind rivets up to 3/16" for all materials
CR-2	Clinch Rivet Tool with vacuum mandrel	3.18lb	70-95 psi	.79"	All blind rivets up to 3/16" for all materials and 3/16" monobolt rivet
CR-3	Clinch Rivet Tool with vacuum mandrel	3.74lb	70-95 psi	1.02"	Blind Rivets up to 1/4" for all materials and 1/4" monobolt rivet

RIVET TOOL REPLACEMENT PARTS:

TOOL	REPLACEMENT JAWS P/N	JAW PUSHER P/N	JAW PUSHER SPRING P/N
CR-1	CR-1-05	CR-1-06	CR-1-07
CR-2	CR-2-05	CR-2-06	CR-2-07
CR-3	CR-3-05	CR-3-06	CR-3-07