

Maxlok[®]

High strength, vibration resistant lockbolts with multi-grip capability.



Key features and benefits

- Wide grip range reduces inventory, simplifies stock control, and accommodates wide variations in material thickness
- High shear strength for high strength assembly
- High, controlled clamp provides excellent vibration resistance
- Wide range of special purpose installation tools
- Quick to install across a wide range of applications
- Brazier, countersunk, mushroom and truss head styles suit a wide variety of applications
- Easy to inspect tampering
- High security tamper resistance - TIR approved

Specifications Typical placing sequence

Sizes:

4.8 mm to 6.4 mm
(3/16" to 1/4")

Materials:

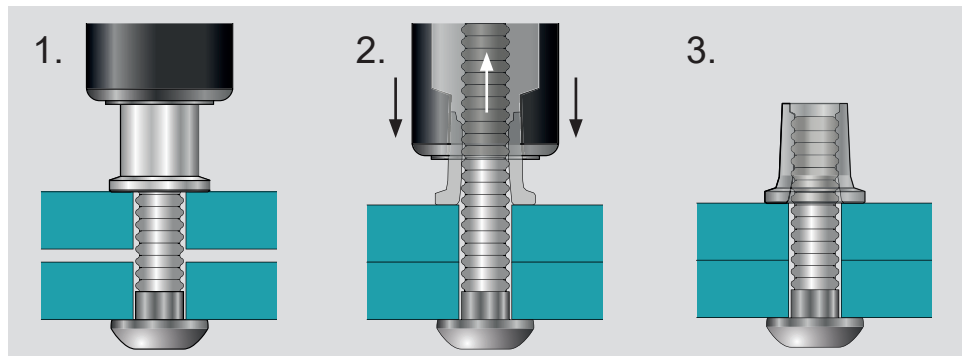
Aluminium alloy, Steel

Head Styles:

Brazier, Mushroom,
Truss, Countersunk

Collar option:

Flanged

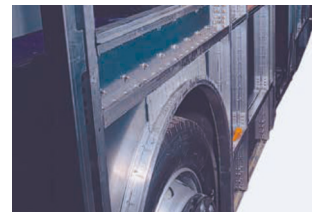


Please visit our website for fastener placing animations.

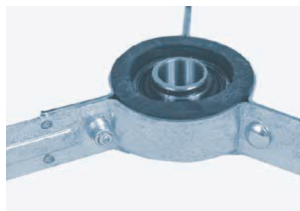
Assembly applications

- Commercial vehicles
- Heating and ventilation
- Frame building

Commercial vehicles



Fan bearing arm



Installation Tools

Tool Selection Guide

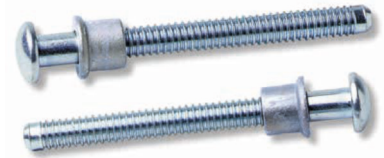
This table is designed as a guide to help you select the most suitable tool for your particular lockbolt.

Please note that all tools require fastener specific nose assemblies.

Full technical data can also be found on our website or contact your STANLEY Engineered Fastening representative.

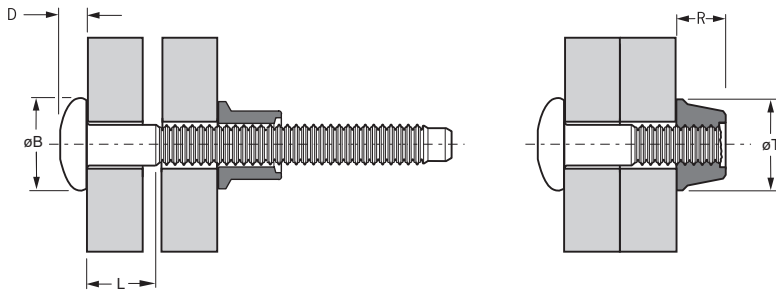
Fastener Type	Size	Installation Tool							
		Genesis® nG3 LB	ProSet® XT4	73200	7287	AV™ 10*	AV™ 15*	AV™ 30*	AV™ 50*
NeoBolt®	4.8 mm (3/16")	•							
	6.4 mm (1/4")	•							
	8.0 mm (5/16")			•					
	9.6 mm (3/8")				•				
	12.7 mm (1/2")						•		
	16.0 mm (5/8")							•	
	19.1 mm (3/4")							•	
	25.4 mm (1")								•
Avdelok®	4.8 mm (3/16")		•	•	•				
	6.4 mm (1/4")		•	•	•				
	8.0 mm (5/16")			•	•				
	9.6 mm (3/8")			•	•	•			
Avdelok® XT	12.7 mm (1/2")						•	•	
	16.0 mm (5/8")							•	
	19.1 mm (3/4")							•	
	22.2 mm (7/8")								•
	25.4 mm (1")								•
	28.6 mm (1-1/8")								•
Maxlok®	4.8 mm (3/16")		•	•	•				
	6.4 mm (1/4")		•	•	•				
Avtainer®	10.0 mm (3/8")		•	•	•				
Avbolt®	4.8 mm (3/16")			•	•				
	6.4 mm (1/4")			•	•				
	8.0 mm (5/16")			•	•	•			
	10.0 mm (3/8")					•			
	12.7 mm (1/2")						•	•	
	16.0 mm (5/8")							•	





*All AV™ Series tools require Enerpac® Power Unit for operation.



English	Français	Deutsch	Italiano	Español
Brazier head	Tête plate	Flachrundkopf	Testa tonda	Cabeza alomada
Pin: Medium carbon steel*	Tige: Acier*	Bolzen: Stahl*	Bullone: Acciaio a carbonio*	Vástago: Acero medio al carbono*
Zinc plated	Revêtement zingué	Verzinkt	Zincato	Zincado
Clear trivalent passivated	Passivation claire trivalente	Klar chromatiert, Cr6-frei	Passivazione chiara trivalente	Pasivadoclaro trivalente
Collar: Low carbon steel**	Bague: Acier bas carbone**	Schließring: Stahl**	Collare: Acciaio a basso tenore di carbonio**	Collar: Acero bajo en carbono**
Zinc plated	Revêtement zingué	Verzinkt	Zincato	Zincado
Clear trivalent passivated	Passivation claire trivalente	Klar chromatiert, Cr6-frei	Passivazione chiara trivalente	Pasivadoclaro trivalente

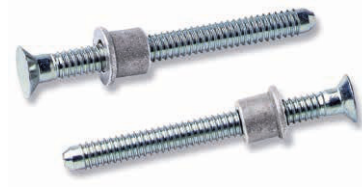
*: BS3111 Type 10, SAE 10B35 DIN 1654, 35B2 **: SAE 1008 EN 10263-2 C8C



ø				øB	D	L	R	øT			Part No/ref	Part No/ref
	min.	max.										
4.8 (3/16")	1.6	15.9	5.16	10.1	3.2	2.3	8.7	10.1	8.25	10.01	01901-70610	01981-70600
	7.9	31.7				8.4					01901-70620	
6.4 (1/4")	1.6	15.9	6.75	13.3	3.9	2.2	13.5	13.2	11.79	16.01	01901-70810	01981-70800
	7.9	31.7				9.1					01901-70820	

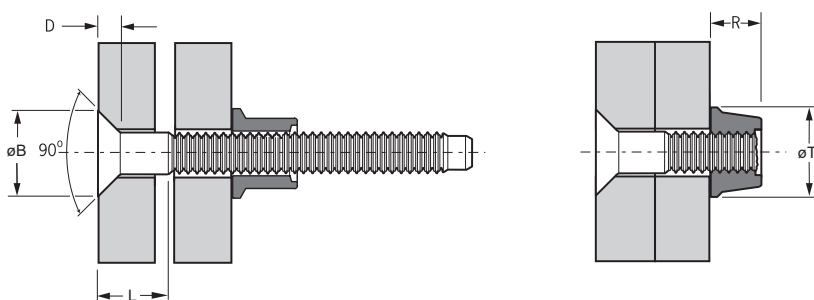
all dimensions in mm / en millimètre / alle Maße in mm / in millimetri / en milímetros

1) typical values / valeurs moyennes / typische Werte / Valori tipici / valores típicos



English	Français	Deutsch	Italiano	Español
90° Countersunk	90° Tête fraisée	90° Senkkopf	90° Testa svasata	90° Cabeza avellanada
Pin: Medium carbon steel*	Tige: Acier*	Bolzen: Stahl*	Bullone: Acciaio a carbonio*	Vástago: Acero medio al carbono*
Zinc plated	Revêtement zingué	Verzinkt	Zincato	Zincado
Clear trivalent passivated	Passivation claire trivalente	Klar chromatiert, Cr6-frei	Passivazione chiara trivalente	Pasivadoclaro trivalente
Collar: Low carbon steel**	Bague: Acier bas carbone**	Schließring: Stahl**	Collare: Acciaio a basso tenore di carbonio**	Collar: Acero bajo en carbono**
Zinc plated	Revêtement zingué	Verzinkt	Zincato	Zincado
Clear trivalent passivated	Passivation claire trivalente	Klar chromatiert, Cr6-frei	Passivazione chiara trivalente	Pasivadoclaro trivalente

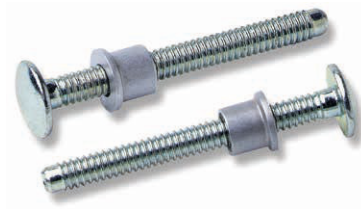
*: BS3111 Type 10, SAE 10B35, DIN 1654, 35B2 **: SAE 1008 EN 10263-2 C8C



ø	Ø		ØB	D	L	R	øT	kN ¹⁾	kN ¹⁾	Part No/ref	Part No/ref	
	min.	max.										max.
4.8 (3/16")	2.4	15.9	5.16	8.9	2.2	4.3	8.7	10.1	8.25	10.01	01902-70610	01981-70600
	7.9	31.7				9.4					01902-70620	

all dimensions in mm / en millimètre / alle Maße in mm / in millimetri / en milímetros

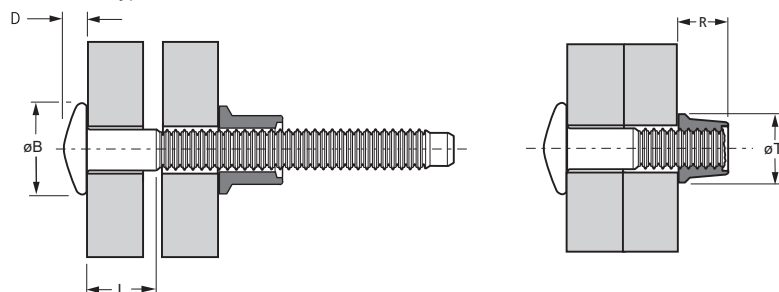
1) typical values / valeurs moyennes / typische Werte / Valori tipici / valores típicos



English	Français	Deutsch	Italiano	Español
Mushroom head	Tête large	Rundkopf groß	Testa larga	Cabeza alomada de perfil alto
Pin: Medium carbon steel* Zinc plated Clear trivalent passivated	Tige: Acier* Revêtement zingué Passivation claire trivalente	Bolzen: Stahl* Verzinkt Klar chromatiert, Cr6-frei	Bullone: Acciaio a carbonio* Zincato Passivazione chiara trivalente	Vástago: Acero medio al carbono* Zincado Pasivadoclaro trivalente
Collar: Low carbon steel** Zinc plated Clear trivalent passivated	Bague: Acier bas carbone** Revêtement zingué Passivation claire trivalente	Schließring: Stahl** Verzinkt Klar chromatiert, Cr6-frei	Collare: Acciaio a basso tenore di carbonio** Zincato Passivazione chiara trivalente	Collar: Acero bajo en carbono** Zincado Pasivadoclaro trivalente

*: BS3111 Type 10, SAE 10B35, DIN 1654, 35B2

** : SAE 1008 EN 10263-2 C8C



ø	Ø		ØB	D	L	R	øT	kN ¹⁾	kN ¹⁾	Part No/ref	Part No/ref
	min.	max.									
4.8 (3/16")	1.6	15.9	5.16	12.5	2.9	8.7	10.1	8.25	10.01	01903-70610	01981-70600
	7.9	31.7								01903-70620	
6.4 (1/4")	1.6	15.9	6.75	16.7	3.2	13.5	13.2	11.79	16.01	01903-70810	01981-70800
	7.9	31.7								01903-70820	
	27.9	51.7								01903-70832	

all dimensions in mm / en millimètre / alle Maße in mm / in millimetri / en milímetros

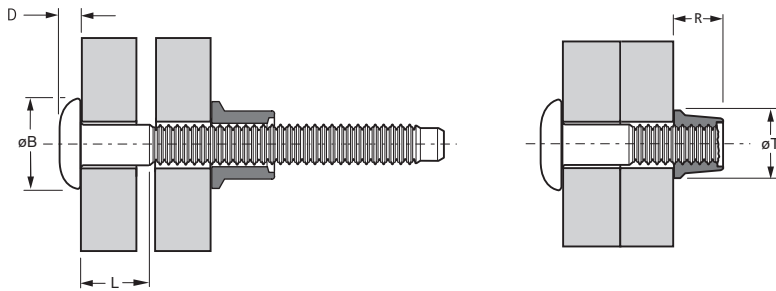
1) typical values / valeurs moyennes / typische Werte / Valori tipici / valores típicos



English	Français	Deutsch	Italiano	Español
Truss head	Tête large	Flachrundkopf groß	Testa larga	Cabeza alomada de perfil bajo
Pin: Medium carbon steel* Zinc plated Clear trivalent passivated	Tige: Acier* Revêtement zingué Passivation claire trivalente	Bolzen: Stahl* Verzinkt Klar chromatiert, Cr6-frei	Bullone: Acciaio a carbonio* Zincato Passivazione chiara trivalente	Vástago: Acero medio al carbono* Zincado Pasivadoclaro trivalente
Collar: Low carbon steel** Zinc plated Clear trivalent passivated	Bague: Acier bas carbone** Revêtement zingué Passivation claire trivalente	Schließring: Stahl** Verzinkt Klar chromatiert, Cr6-frei	Collare: Acciaio a basso tenore di carbonio** Zincato Passivazione chiara trivalente	Collar: Acero bajo en carbono** Zincado Pasivadoclaro trivalente

*: BS3111 Type 10, SAE 10B35, DIN 1654, 35B2

**: SAE 1008 EN 10263-2 C8C



ø	Ø		ØB	D	L	R	øT	kN ¹⁾	kN ¹⁾	Part No/ref	Part No/ref	
	min.	max.										max.
4.8 (3/16")	1.6	15.9	5.16	12.0	2.9	2.3	8.7	10.1	8.25	10.01	01905-70610	01981-70600
	7.9	31.7									01905-70620	
6.4 (1/4")	1.6	15.9	6.75	15.2	3.1	2.2	13.5	13.2	11.79	16.01	01905-70810	01981-70800
	7.9	31.7				9.1					01905-70820	

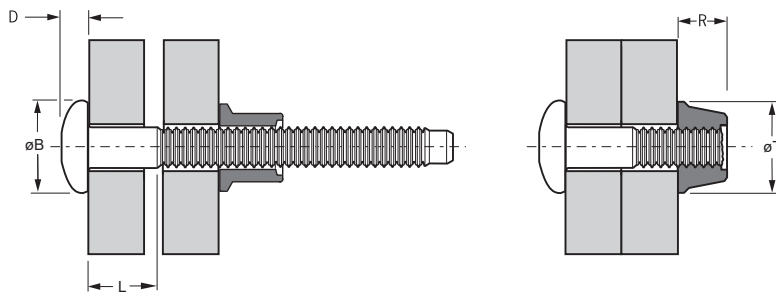
all dimensions in mm / en millimètre / alle Maße in mm / in millimetri / en milímetros





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English	Français	Deutsch	Italiano	Español
Brazier head	Tête plate	Flachrundkopf	Testa tonda	Cabeza alomada
Pin: Aluminium alloy*	Tige: Alliage d'aluminium*	Bolzen: Aluminium*	Bullone: Lega di alluminio*	Vástago: Aluminio*
Polished	Poli	Poliert	Lucido	Pulido
Collar: Aluminium alloy*	Bague: Alliage d'aluminium*	Schließring: Aluminium*	Collare: Lega di alluminio*	Collar: Aluminio*
Natural	Brut	Blank	Nessunafinitura	Natural

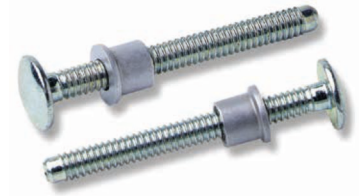
*: ENAW-7075, AlZn5.5MgCu **: ENAW-6061, AlMg1SiCu



ø				øB	D	L	R	øT			Part No/ref	Part No/ref
	nom.	min.										
4.8 (3/16")	1.6	15.9	5.16	10.0	3.4	2.3	7.9	9.9	4.23	5.78	01921-00610	01985-00600
	7.9	31.7				8.4					01921-00620	
6.4 (1/4")	1.6	15.9	6.75	13.3	4.2	2.2	11.1	13.0	7.45	9.79	01921-00810	01985-00800
	7.9	31.7				9.1					01921-00820	

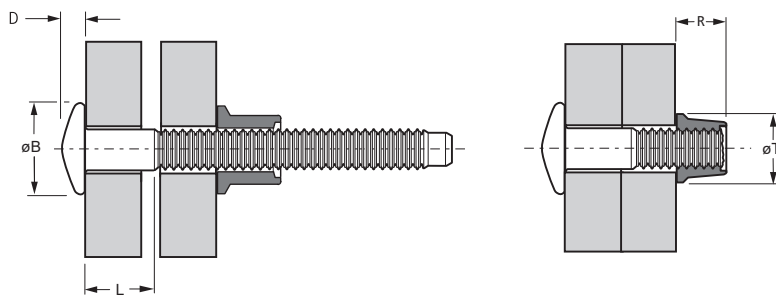
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1) typical values / valeurs moyennes / typische Werte / Valori tipici / valores típicos



English	Français	Deutsch	Italiano	Español
Mushroom head	Tête large	Rundkopf groß	Testa larga	Cabeza alomada de perfil alto
Pin: Aluminium alloy*	Tige: Alliage d'aluminium*	Bolzen: Aluminium*	Bullone: Lega di alluminio*	Vástago: Aluminio*
Polished	Poli	Poliert	Lucido	Pulido
Collar: Aluminium alloy**	Bague: Alliage d'aluminium**	Schließring: Aluminium**	Collare: Lega di alluminio**	Collar: Aluminio**
Natural	Brut	Blank	Nessunafinitura	Natural

*: BS1473 7075, DIN 1725, AlZnMgCu1.5, Werkstoff 3.4365 **: BS1473 6061, DIN 1725, AlMg1SiCu, Werkstoff 3.3211



ø				øB	D	L	R	øT			Part No/ref	Part No/ref
	nom.	min.										
4.8 (3/16")	1.6	15.9	5.16	12.5	2.8	2.3	7.9	9.9	4.23	5.78	01923-00610	01985-00600
	7.9	31.7				8.4					01923-00620	

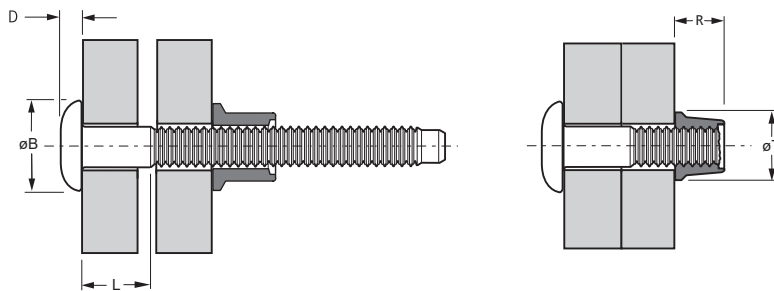
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1) typical values / valeurs moyennes / typische Werte / Valori tipici / valores típicos



English	Français	Deutsch	Italiano	Español
Truss head	Tête large	Flachrundkopf groß	Testa larga	Cabezaalomada de perfil bajo
Pin: Aluminium alloy*	Tige: Alliage d'aluminium*	Bolzen: Aluminium*	Bullone: Lega di alluminio*	Vástago: Aluminio*
Polished	Poli	Poliert	Lucido	Pulido
Collar: Aluminium alloy**	Bague: Alliage d'aluminium**	Schließring: Aluminium**	Collare: Lega di alluminio**	Collar: Aluminio**
Natural	Brut	Blank	Nessunafinitura	Natural

*: 7075 **: 6061



ø				øB	D	L	R	øT			Part No/ref	Part No/ref
	nom.	min.										
4.8 (3/16")	1.6	15.9	5.16	12.0	2.8	2.3	7.9	9.9	4.23	5.78	01925-00610	01985-00600
	7.9	31.7				8.4					01925-00620	
6.4 (1/4")	1.6	15.9	6.75	15.1	3.1	2.2	11.1	13.1	7.45	9.79	01925-00810	01985-00800
	7.9	31.7				9.1					01925-00820	

all dimensions in mm / en millimètre / alle Maße in mm / in millimetri / en milímetros

1) typical values / valeurs moyennes / typische Werte / Valori tipici / valores típicos

POP® & Avdel® have been producing assembly systems since the 1930s and offer comprehensive ranges of innovative fasteners and installation systems to all market segments and applications. STANLEY Engineered Fastening offers POP Avdel products through Sales, Distribution and Manufacturing facilities in over 150 countries. Covered by the portfolio are:



Breakstem Riveting Systems

Various features from multi-grip capability to high strength stainless steel rivets.



Lockbolt Systems

High clamp force and vibration resistance for the highest strength joints.



Speed Fastening® Systems

Extra fast and reliable fastening from one side. Rivets are fed automatically.



Sealing Plugs

Engineered for both low-pressure and high-pressure hole sealing applications.



Blind Rivet Nuts

Fast system for sustainable threads with high torque-to-turn.



Customised Fastener Designs

Bespoke designs and finishes to meet your unique assembly requirements.



Installation Equipment

From manually operated power tools to customised semi and fully automated assembly workstations and repair tools.

We can also provide you with:



One-stop shopping for the blind riveting distributor market. MasterFix® owes its excellent reputation to the successful distribution of the broadest range of blind rivets and blind rivet nuts in the business.



CRIBMASTER

CribMaster® is the global leader in inventory & asset management solutions for industrial environments.



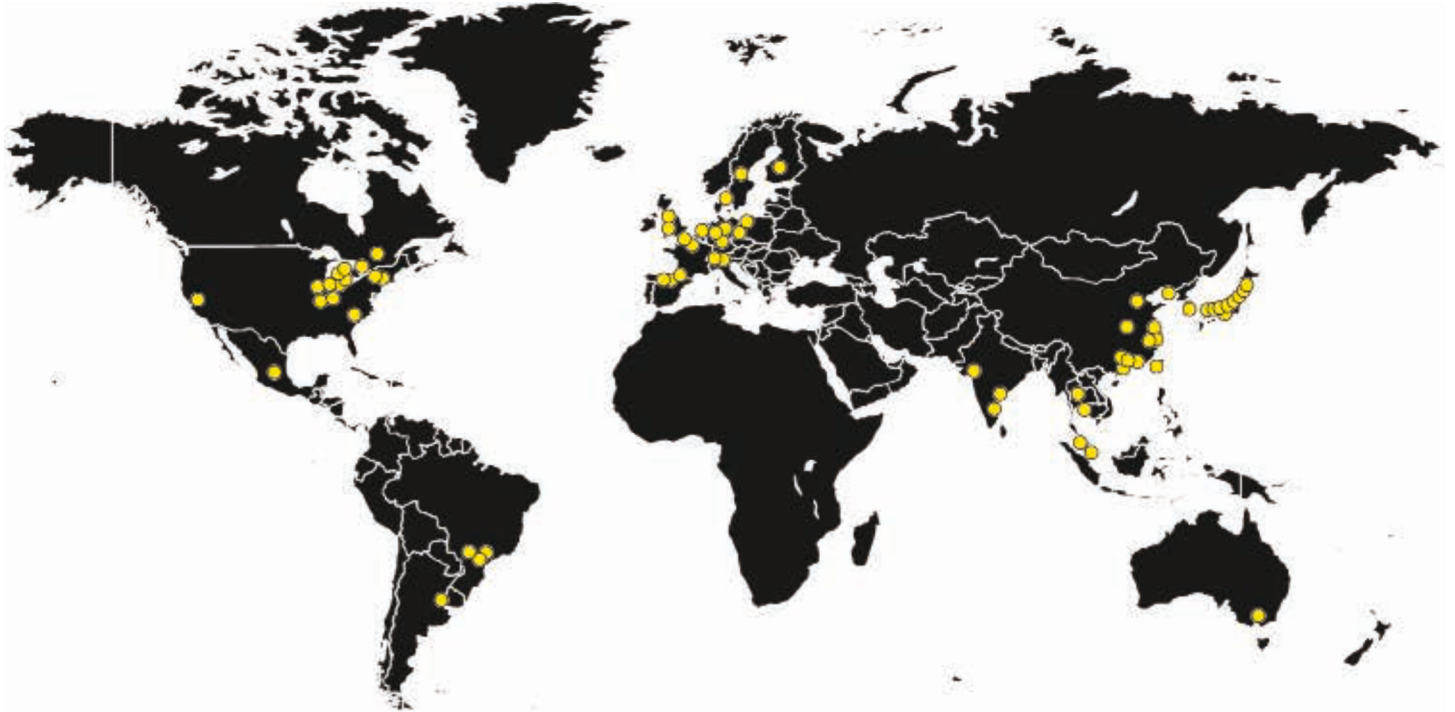
Spiralock® is a technologically superior fastening system ideally suited for threaded joint applications subjected to heavy shock and vibration.



CribMaster's comprehensive portfolio of vending machines & tool control solutions driven by a powerful software platform helps customers save 25% - 40% of costs associated with indirect material management, essential in the unrelenting drive towards efficiency & lower costs at manufacturing facilities today.

STANLEY®

Engineered Fastening



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