

## Monobolt® ø 3/8" (10 mm) Large Diameter Structural Multi-grip Fastener

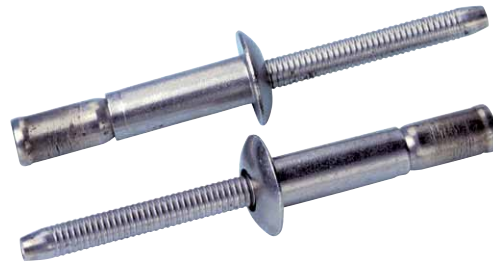
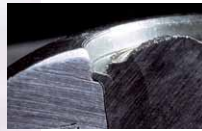
The 3/8" (10 mm) size Monobolt fastener extends the range of our breakstem fasteners for load-bearing structural applications, combining the benefits of blind side assembly with high clamp loads over a wide grip range. It is the ideal solution for applications requiring one sided access and a high strength fastener.

### Exceptional shear strength and clamp load

Designed to deliver the high strength performance required in structural applications, it is the strongest breakstem fastener in its class.



Monobolt fasteners form a visible lock when placed



### Excellent hole fill

The radially expanded body is capable of filling irregular, oversized, slotted or misaligned holes, whilst providing very strong, vibration resistant joints. It can also stop sheet movement in non-standard holes.

### Wide grip range

By accommodating wide variations in material thickness, 3/8" Monobolt fasteners can be used in a variety of applications to reduce assembly time, stock levels and costs.

### Stem mechanically locked into body

A mechanically locked stem provides very strong, vibration resistant joints without the damage, electrical problems or rattling due to loose stems. The visible lock provides the ability to visually inspect for correct installation.



## Technical Data

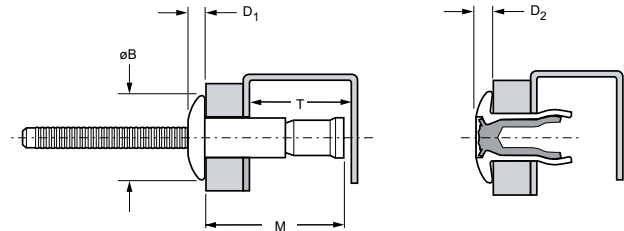
Headform: Protruding head





Material and finish:

2711 series: Stainless steel

2771 series: Steel, zinc plated and clear passivated

2774 series: Aluminium



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nom.	min.	max.	min.	max.	max.	max.	max.	min.	max.	Shear (typical)	Tension (typical)	
3/8" (10.0 mm)	.120 (3.04)	.625 (15.88)	.392 (9.95)	.409 (10.4)	1.425 (36.2)	.798 (20.3)	.160 (4.1)	.875 (22.3)	.156 (4.0)	5863 lbf 26.1 kN	4361 lbf (19.4 kN)	02711-01228
										5940 lbf 26.3 kN	3709 lbf (16.5 kN)	02771-01228 <sup>1)</sup>
										2840 lbf 12.6 kN	2092 lbf 9.3 kN	02774-01228

Dimensions in inches and (mm); 1) Deutsches Institut für Bautechnik (DIBt) Approval No. Z-14.1-4, Anlage 2.24

**STANLEY®**  
Engineered Fastening

[www.StanleyEngineeredFastening.com](http://www.StanleyEngineeredFastening.com)

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## 7287 Model

Recommended for large volume production use

### Features

- Installs Monobolt ø 3/8" with single pull action
- Hydro-pneumatic split tool
- Extended stroke and pull force
- Short cycle time
- Lightweight placing head
- Remote intensifier mounted on castors
- 3 m hose length

### Benefits

- Does not require second actuation (two pulls)
- High placement speed
- Can offer labour cost savings
- Can increase assembly capacity
- Reduces operator fatigue
- Flexible use in the assembly line
- Reduced noise output during fastener installation

Basic Tool: Part No. 07287-00200  
 Complete Nose Equipm.: Part No. 07220-07200  
 (including nose tip)  
 Nose Tip: Part-No. 07220-07101



### Specifications

Pistol weight (without equipm.)	3.23 lbs (1.47 kg)
Total weight (without equipm.)	88 lbs (40 kg)
Pull force @ 5.5 bar	7,284 lbf (32.4 kN)
Stroke	min. under load 1.14" (29 mm)
	free cycling 1.26" (32 mm)
Cycle time approx.	1.7 sec
Free air volume @ 5.5 bar	3.5 litres
Noise level	75 dB(A)
Vibration	<2.5m/s²

## 73200 Model

Recommended for prototyping and low volume production use

### Features

- Two tool actuations are needed to fully place the Monobolt ø 3/8" fastener
- Hydro-pneumatic hand tool
- Designed for heavy duty use over long periods of time

### Benefits

- Extremely durable tool
- High reliability

Basic Tool: Part No. 73200-02000  
 Complete Nose Equipm.: Part No. 07220-07200  
 (including nose tip)  
 Nose Tip: Part-No. 07220-07101



### Specifications

Weight (without equipment)	10.8 lbs (4.9 kg)
Pull force @ 5.5 bar	6,407 lbf (28.5 kN)
Stroke	.79" (21 mm)
Cycle time approx.	3 sec
Free air volume @ 5.5 bar	15.6 litres
Noise level	75 dB(A)
Vibration	<2.5m/s²

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