

# 100-3 Saf-Tite Slack Reducing Coupling



OPERATION WITH OR WITHOUT AIR SERVICE CHAMBER



The Saf-Tite 100-3 has the same popular mounting bolt pattern as our 2300 & 370 models.

## ORDERING INFORMATION

### Coupling Only:

- 100-3 & 271 Thimble

### Standard Installation Kit:

- 100-3A: 100-3 Coupling, 502 Bolt Kit, 281 Air Chamber, 467 Air Chamber Adapter Bracket, 271 Thimble

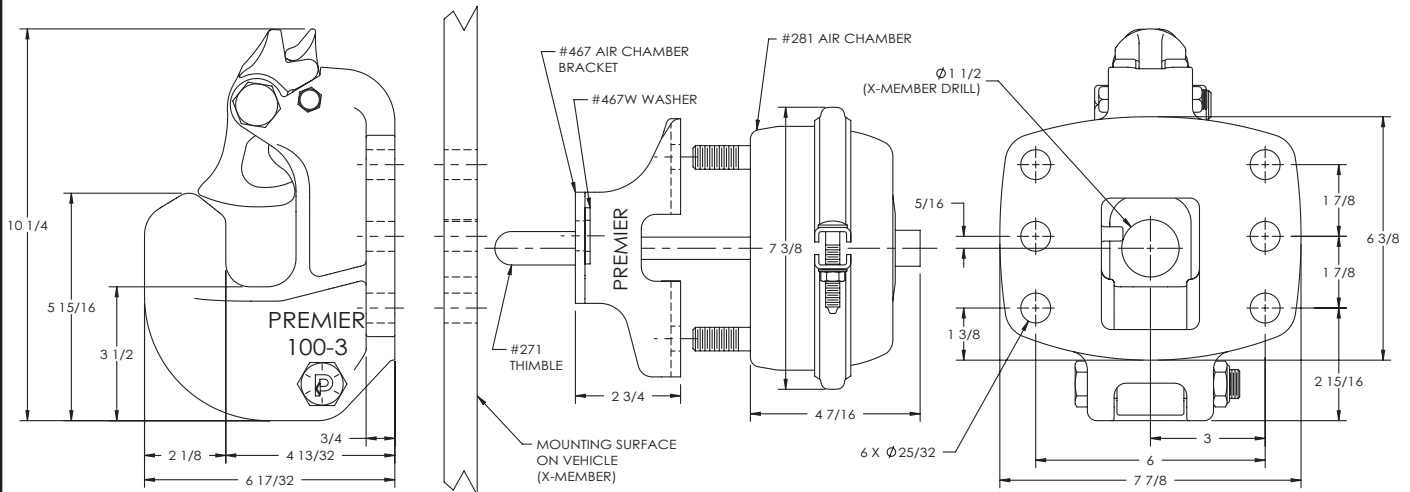
### Optional Accessories:

- **Air Chamber 282 Type-30 (page 76):** Provides a larger diaphragm for greater shoe force compared to 281 Air Chamber
- **Air Chamber Brackets (page 76):** 467H (3/4 in. / 19 mm), 467F (5 1/2 in. / 140 mm)
- **Thimbles (page 76):** 271B (4 3/8 in. / 111 mm), 271C (5 1/2 in. / 140 mm)
- **Wear Gage 14014 (page 75):** To determine hook wear limits
- **Latch Gage 14026 (page 75):** To determine latch gap limit
- **Bolt Kit 502 (page 77):** Bolts (4) 2 1/2 in. (2) 2 3/4 in., Locknuts (6)

## SPECIFICATIONS

<b>Maximum Gross Trailer Weight:</b>	100,000 lbs.	(45,359 kg)
<b>Maximum Tongue Weight:</b>	18,000 lbs.	(8,164 kg)
<b>Ultimate Latch Capacity:</b>	20,000 lbs.	(9,071 kg)
<b>Maximum Eye X-Section:</b>	1 13/16 in.	(46 mm)
<b>Minimum Eye Opening:</b>	2 3/8 in.	(60 mm)
<b>Unit Weight:</b>	28 lbs.	(12.8 kg)

## STANDARD INSTALLATION DRAWING

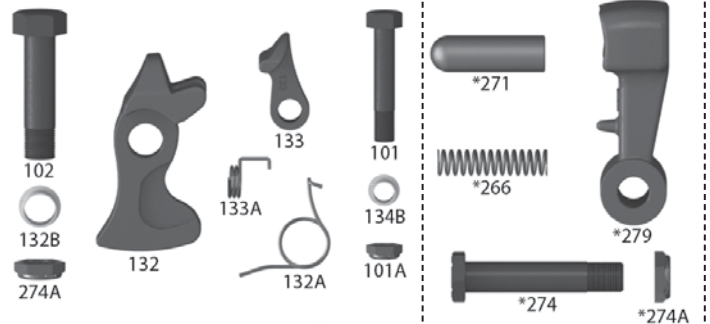


Pushrod length is 3 1/8 in. (79 mm) plus thickness of mounting structure for standard installations as illustrated.

## REPLACEMENT PART INFORMATION

### 100PK Parts Kit Includes:

101: Bolt	*266: Spring
101A: Locknut	*271: Thimble
102: Bolt	*274: Bolt
132: Latch	*274A: Locknut
132A: Spring	*279: Shoe
132B: Bushing	
133: Latch Lock	
133A: Spring	
134B: Bushing	
274A: Locknut	



\*Not included in 100PK Parts Kit, available as 279PK Parts Kit.

## IMPORTANT GUIDELINES that apply to all Premier Slack Reducing Couplings

- Do not weld on any coupling assembly
- Always use Grade-8 fasteners properly torqued
- Do not apply lubricants to the coupling hook
- Air service chamber must be Type-24 or Type-30 with 90-120 PSI air supply
- Clean & inspect coupling for damage & excessive wear prior to each and every use
- Lubricate all coupling components at a minimum of 90 day intervals
- Do not bind-up (Jackknife) any application as stresses can cause damage to products or components, resulting in failure and detachment of the trailer while in use

