

How to Use Your New...

7/8 in. Break-Away Swivel



Disassembly Procedure

The following disassembly operation will deal with small parts. Disassembly and re-assembly should be done in an area where parts will not be lost if accidentally dropped.

1. Retrieve both halves of the broken swivel.
2. Loosen the #6-32 x 1/4 in. set screw located in the swivel body with the 1/8 in. Allen wrench provided and back it off 2-3 turns.
3. Unscrew and remove the remnant stud of the broken tension bolt.
4. Unscrew the stationary body where it joins the housing and remove the head of the broken tension bolt and the five thrust washers.
5. Place the five thrust washers on a new tension bolt of the desired tension value, making sure to follow this sequence: steel, plastic, steel, plastic, steel. Now check to see that every other washer is steel.
6. Replace the O-ring (if missing) where the swivel body mates with the housing.
7. place the new tension bolt with washers through the housing and screw the bolt into the swivel body.
IMPORTANT: Do not over tighten the tension bolt, because premature fracture may occur. Tighten the bolt lightly until it bottoms (don't use excessive force) ... then, unscrew 1/2 turn to achieve proper bearing clearance and swivel action.



Do not apply torque to the head of the tension bolt as over-stressing the bolt may cause a lower breaking point.

8. Re-tighten the set screw into the side of the swivel body.
9. Screw the stationary body and housing together and tighten.

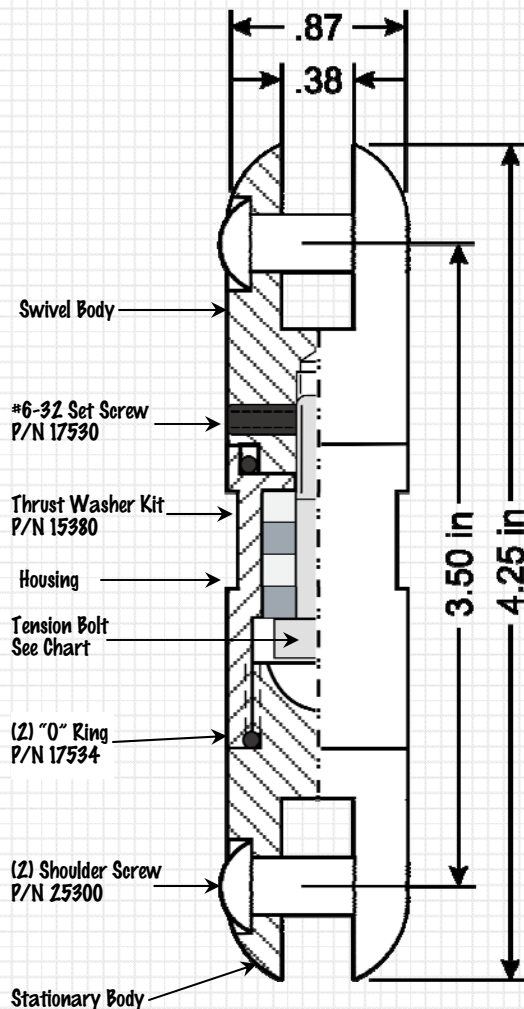
Questions? Comments? Call us!

We want you to be completely satisfied with cable placing products you get from GMP.

If you have a problem or need additional information, please call us at 1-800-345-6009 (in AK, HI, PA and outside the USA: call 1-215-357-5500 Ext: 251) from 8:00 AM to 5:00 PM EST on any USA business day; you can also send us a facsimile message any time at 1-215-357-6216. We would be happy to help!

How to Service Your Break-Away Swivel

7/8 in. Break-Away Swivel



IMPORTANT NOTICE

Users are cautioned to ensure appropriate safeguards exist especially during aerial cable placing. Should the swivel break there must be sufficient support to prevent the cable from reversing direction and creating slack in an uncontrolled and potentially hazardous manner. This is critically important when crossing rights-of-way such as roadways, waterways or power lines. Refer to your employer's work practices or consult the factory for detailed information pertaining to this most important safety procedure.

All personnel should stand clear of the pulling line when using any break-away swivel, in the event that excessive pulling resistance causes the swivel to break apart and possibly exit the duct at great speed.

Notes:

1. Breaking tolerance $\pm 5\%$
2. Warning!! Do not over tighten the tension bolt, because premature fracture may occur. Tighten the bolt lightly until it bottoms (not using excessive force). Then unscrew $\frac{1}{2}$ turn to achieve proper bearing clearance and swivel action.
3. See other side for disassembly procedure.

Aluminum 7/8 in. (22.2mm) Diameter Break-Away Swivel

Break Point			Part Number	
lbs.	kgs	Color Code	Swivel	Repl Bolt
340	154	White	53700	30332
450	204	Orange	53701	34786
500	277	Violet	53706	34787
600	272	Yellow	53702	34341
800	364	Blue	53703	34342
1000	454	Green	53704	34343
1200	544	Red	53705	34344

P/N 15380 Replacement Ball Bearing Kit



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