

# Breakaway Swivels



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*Click on image above for a larger view of the Breakaway Swivels*



[How to service your 7/8" Break-Away Swivel](#)

[How to service your 5/8" Break-Away Swivel](#)



**For more information or to place an order, please contact Supply Solutions at 866-978-7759.**

**Courtesy of :  
General Machine Products.**

**Our Break-away Swivels give you invaluable protection when pulling either fiber optic or coaxial cable.**

- These simple tools provide an inexpensive fracture point between the pulling line and cable avoiding costly cable damage if the cable's rated pulling capacity is exceeded
- The swivels are available in two diameters; 7/8 in. (22.23 mm) made from high quality aluminum and 5/8 in. (15.88 mm) made from steel
- The 5/8 in. size is extremely convenient when working with innerduct sizes below 1-5/8 in. in diameter

• The design of the swivels incorporates a replaceable tension bolt that joins the barrel eye and swivel body. The bolt separates when pulling loads on the cable reach +/-5%. The damaged bolt can then be replaced in seconds using an Allen Wrench (included) and screwdriver.

- The swivel and bolt head are color-coded for fast load identification



GMP uses a steel thrust washer and bushing in the larger break-away swivel and four (4) ball bearings in the smaller version. Both designs provide smooth rotation under load and help to keep twisting forces from reaching the cable.

The larger break-away swivel, 7/8 in. x 4-5/8 in. (22.2mm x 114.3 mm) is machined from aluminum alloy with a black anodized finish for wear resistance. We offer six (6) standard bolt strengths ranging from 340 lbs. (154 kgs) to 1200 lbs. (544 kgs).

The smaller break-away swivel, 5/8 in. x 3-3/4 in. (15.9 mm x 95.2 mm) is made of steel with a zinc plating finish for wear resistance. We offer eleven (11) standard bolt strengths ranging from 200 lbs. (91 kgs) to 700 lbs. (317 kgs).

When placing fiber optic cable, 600 lbs. (272 kgs) has been the industry standard for maximum load tension on the cable.

With the inclusion of Fiber Optic cable in new OSP designs for broadband construction such as FTTx, you can choose from our list of appropriate break points matching the cable manufacturer's

specification. When ordering a swivel(s) please keep in mind the need to also order a few replacement bolts. This will avoid delays in work if the bolt supplied with the swivel(s) breaks. Delays can then occur while waiting for replacement bolt(s) to be ordered from the factory.

Note: The bolt design of the 5/8 in. swivel is slightly different from the bolt of the 7/8 in. swivel. Therefore, the bolts are not interchangeable between the two (2) sizes of swivels. Please consult the factory for a breaking strength not listed among our standard sizes.

### Ordering Information

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

Break Point Lbs.	kgs	Color Code	Part Number Swivel	Part Number Repl Bolt
340	154	White	53700	30332
450	204	Orange	53701	34786
600	272	Yellow	53702	34341
800	364	Blue	53703	34342
1,000	454	Green	53704	34343
1,200	544	Red	53705	34344

**P/N 15380** Replacement Thrust Washer Kit

#### Steel 5/8 in. (15.9 mm) Diameter Break-Away Swivel

Break Point Lbs.	kgs	Color Code	Part Number Swivel	Part Number Repl Bolt
200	91	Orange/ White	71399	26309
220	100	Red/ White	71400	26310
295	134	Green/ White	71401	26305
340	154	White	71402	30333
400	181	Blue/ White	71403	26306
420	190	Yellow/ White	71404	26307
435	197	Violet/ White	71405	26308
450	204	Orange	71406	25494
500	226	Violet	70188	26325
600	272	Yellow	71408	25493
700	317	Brown	70191	26326

**P/N 30149** Replacement Ball Bearing Kit

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Courtesy of General Machine Products.