

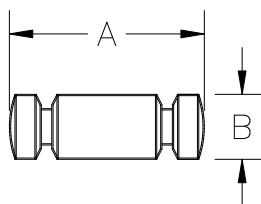
OPERATING SPECIFICATIONS



**Design &
Manufacturing Ltd.**

SERIES 00535 BREAKAWAY PIN KIT

1. These pins are used in conjunction with part # 00530-010 breakaway connector or 00550-010 breakaway swivel as mechanical overload protection when installing fiber optic cable. They may also be used with marine grade versions 00530-010S breakaway connector and 00550-010S breakaway swivel.
2. The pins are color coded on one end for ease of identification.
3. The pins are sold in kits of ten pins and ten retaining clips.



Part Number	Breakaway Connector	Breakaway Swivel	Nominal Failure Load	Minimum Failure Load	Maximum Failure Load	A	B	Color Code	Net Kit Weight
00535-002	00530-010	00550-010	200 lb 0.89 kN	180 lb 0.80 kN	220 lb 0.98 kN	3/4" 19 mm	1/4" 6.3 mm	White	0.08 lb 0.04 kg
00535-003	00530-010	00550-010	300 lb 1.34 kN	270 lb 1.20 kN	330 lb 1.47 kN	3/4" 19 mm	1/4" 6.3 mm	Purple	0.08 lb 0.04 kg
00535-004	00530-010	00550-010	400 lb 1.78 kN	360 lb 1.61 kN	440 lb 1.96 kN	3/4" 19 mm	1/4" 6.3 mm	Yellow	0.08 lb 0.04 kg
00535-005	00530-010	00550-010	500 lb 2.22 kN	450 lb 2.00 kN	550 lb 2.45 kN	3/4" 19 mm	1/4" 6.3 mm	Green	0.08 lb 0.04 kg
00535-006	00530-010	00550-010	600 lb 2.68 kN	540 lb 2.41 kN	660 lb 2.94 kN	3/4" 19 mm	1/4" 6.3 mm	Orange	0.08 lb 0.04 kg
00535-006S	00530-010	00550-010	600 lb 2.68 kN	540 lb 2.41 kN	660 lb 2.94 kN	3/4" 19 mm	1/4" 6.3 mm	Blue	0.08 lb 0.04 kg
00535-008	00530-010	00550-010	800 lb 3.57 kN	720 lb 3.21 kN	880 lb 3.92 kN	3/4" 19 mm	1/4" 6.3 mm	Grey	0.08 lb 0.04 kg
00535-008S	00530-010	00550-010	800 lb 3.57 kN	720 lb 3.21 kN	880 lb 3.92 kN	3/4" 19 mm	1/4" 6.3 mm	Black	0.08 lb 0.04 kg
00535-010	00530-010	00550-010	1,000 lb 4.46 kN	900 lb 4.01 kN	1,100 lb 4.91 kN	3/4" 19 mm	1/4" 6.3 mm	Red	0.08 lb 0.04 kg

The breakaway pins are designed to break within +/- 10% of their nominal failure load.

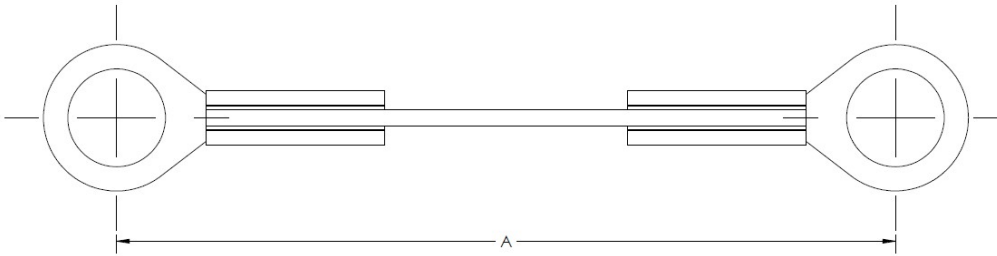
OPERATING SPECIFICATIONS



**Design &
Manufacturing Ltd.**

SERIES 00536 BREAKAWAY PIN KIT

1. These wires are used in conjunction with part # 00531-010 breakaway connector or 00551-010 breakaway swivel as mechanical overload protection.
2. The wires are color coded on one end for ease of identification.
3. The wires are sold in kits of ten wires.



Part Number	Breakaway Connector	Breakaway Swivel	Nominal Failure Load	Minimum Failure Load	Maximum Failure Load	A	Color Code	Net Kit Weight
00536-022	00531-010	00551-010	22 lb .10 kN	20 lb .09 kN	24 lb .11 kN	2" 51 mm	Orange	0.05 lb 0.02 kg
00536-040	00531-010	00551-010	40 lb .18 kN	45 lb .16 kN	55 lb .20 kN	2" 51 mm	White	0.05 lb 0.02 kg
00536-050	00531-010	00551-010	50 lb .22 kN	45 lb .20 kN	55 lb .24 kN	2" 51 mm	Brown	0.05 lb 0.02 kg
00536-065	00531-010	00551-010	65 lb .29 kN	58 lb .26 kN	72 lb .32 kN	2" 51 mm	Green	0.05 lb 0.02 kg
00536-080	00531-010	00551-010	80 lb .36 kN	72 lb .32 kN	88 lb .39 kN	2" 51 mm	Purple	0.05 lb 0.02 kg
00536-100	00531-010	00551-010	100 lb .44 kN	90 lb .40 kN	110 lb .49 kN	2" 51 mm	Red	0.05 lb 0.02 kg
00536-120	00531-010	00551-010	120 lb .53 kN	108 lb .48 kN	132 lb .59 kN	2" 51 mm	Blue	0.05 lb 0.02 kg
00536-140	00531-010	00551-010	140 lb .62 kN	126 lb .56 kN	154 lb .69 kN	2" 51 mm	Turquoise	0.05 lb 0.02 kg
00536-185	00531-010	00551-010	185 lb .82 kN	166 lb .74 kN	204 lb .91 kN	2" 51 mm	Pink	0.05 lb 0.02 kg
00536-200	00531-010	00551-010	200 lb .89 kN	180 lb .80 kN	220 lb .98 kN	2" 51 mm	Grey	0.05 lb 0.02 kg

The breakaway pins are designed to break within +/- 10% of their nominal failure load.

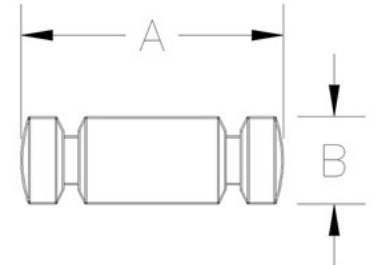
OPERATING SPECIFICATIONS



**Design &
Manufacturing Ltd.**

SERIES 00555 BREAKAWAY PIN KIT

1. These pins are used in conjunction with part #s 00550-005 and 00550-020 breakaway swivels, and 00530-020 breakaway connector as mechanical overload protection when installing cable.
2. The pins are color coded on one end for ease of identification.
3. The pins come in kits and the number of pins in each kit varies with the pin size (see chart below). Retaining clips are included in the kits.



Part Number	Breakaway Connector	Breakaway Swivel	Nominal Failure Load	Minimum Failure Load	Maximum Failure Load	A	B	Color Code	Kit Qty	Net Kit Weight
00555-00100	N/A	00550-005	100 lb 0.44 kN	85 lb 0.38 kN	115 lb 0.51 kN	9/16" 14 mm	1/4" 6.3 mm	Purple	10	0.08 lb 0.04 kg
00555-00125	N/A	00550-005	125 lb 0.55 kN	107 lb 0.47 kN	143 lb 0.64 kN	9/16" 14 mm	1/4" 6.3 mm	Green	10	0.08 lb 0.04 kg
00555-0015	N/A	00550-005	150 lb 0.66 kN	128 lb 0.57 kN	172 lb 0.76 kN	9/16" 14 mm	1/4" 6.3 mm	Black	10	0.08 lb 0.04 kg
00555-002	N/A	00550-005	200 lb 0.89 kN	170 lb 0.75 kN	230 lb 1.02 kN	9/16" 14 mm	1/4" 6.3 mm	White	10	0.08 lb 0.04 kg
00555-0034	N/A	00550-005	340 lb 1.50 kN	305 lb 1.35 kN	375 lb 1.65 kN	9/16" 14 mm	1/4" 6.3 mm	Red	10	0.08 lb 0.04 kg
00555-004	N/A	00550-005	400 lb 1.78 kN	360 lb 1.61 kN	440 lb 1.96 kN	9/16" 14 mm	1/4" 6.3 mm	Yellow	10	0.08 lb 0.04 kg
00555-0045	N/A	00550-005	450 lb 2.00 kN	405 lb 1.80 kN	495 lb 2.20 kN	9/16" 14 mm	1/4" 6.3 mm	Blue	10	0.08 lb 0.04 kg
00555-0045C	N/A	00550-005	450 lb 2.00 kN	405 lb 1.80 kN	495 lb 2.20 kN	9/16" 14 mm	1/4" 6.3 mm	Blue	10	0.08 lb 0.04 kg
00555-006	N/A	00550-005	600 lb 2.68 kN	540 lb 2.41 kN	660 lb 2.94 kN	9/16" 14 mm	1/4" 6.3 mm	Orange	10	0.08 lb 0.04 kg
00555-006C	N/A	00550-005	600 lb 2.68 kN	540 lb 2.41 kN	660 lb 2.94 kN	9/16" 14 mm	1/4" 6.3 mm	Orange	10	0.08 lb 0.04 kg
00555-007	N/A	00550-005	675 lb 3.00 kN	610 lb 2.71 kN	745 lb 3.31 kN	9/16" 14 mm	1/4" 6.3 mm	Black	10	0.08 lb 0.04 kg
00555-013	00530-020	00550-020	1370 lb 6.09 kN	1230 lb 5.47 kN	1510 lb 6.72 kN	1-5/32" 29 mm	3/8" 9.5 mm	White	5	0.14 lb 0.06 kg
00555-018	00530-020	00550-020	1800 lb 8.03 kN	1620 lb 7.22 kN	1980 lb 8.83 kN	1-5/32" 29 mm	3/8" 9.5 mm	Green	5	0.14 lb 0.06 kg
00555-018S	00530-020	00550-020	1800 lb 8.03 kN	1620 lb 7.22 kN	1980 lb 8.83 kN	1-5/32" 29 mm	3/8" 9.5 mm	Orange	5	0.14 lb 0.06 kg
00555-020	00530-020	00550-020	2000 lb 8.92 kN	1800 lb 8.03 kN	2200 lb 9.81 kN	1-5/32" 29 mm	3/8" 9.5 mm	Blue	5	0.14 lb 0.06 kg
00555-024	00530-020	00550-020	2400 lb 10.66 kN	2160 lb 9.61 kN	2640 lb 11.74 kN	1-5/32" 29 mm	3/8" 9.5 mm	Purple	5	0.14 lb 0.06 kg
00555-027	00530-020	00550-020	2700 lb 12.01 kN	2430 lb 10.81 kN	2970 lb 13.21 kN	1-5/32" 29 mm	3/8" 9.5 mm	Black	5	0.14 lb 0.06 kg
00555-032	00530-020	00550-020	3200 lb 14.23 kN	2880 lb 12.81 kN	3520 lb 15.66 kN	1-5/32" 29 mm	3/8" 9.5 mm	Orange	5	0.14 lb 0.06 kg
00555-036	00530-020	00550-020	3600 lb 16.01 kN	3240 lb 14.41 kN	3960 lb 17.61 kN	1-5/32" 29 mm	3/8" 9.5 mm	Yellow	5	0.14 lb 0.06 kg
00555-040	00530-020	00550-020	4000 lb 17.79 kN	3600 lb 16.01 kN	4400 lb 19.57 kN	1-5/32" 29 mm	3/8" 9.5 mm	Red	5	0.14 lb 0.06 kg

- The breakaway pins are designed to break within +/- 10% of their nominal failure load.
- The 00555-00100, -00125, -0015 and -002 pins are design to break within $\pm$ 15% of their nominal load.
- Pins with the suffix "C" are aluminum pins with marine grade retaining rings.