



**AUTOMOTIVE
FASTENING
SOLUTIONS
POSITIONING
BUNDLING
SECURING
LOCATING**



STELLANTIS CROSS REFERENCES

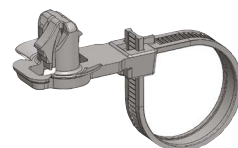
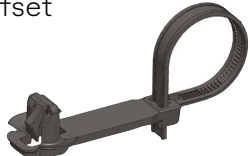
| Fir Tree - Straight | | |
|---|---|---|
| 20154-0 ^{1,2} (Black, LIFT) 20154-N (Natural)  Hole: M6 Threaded Panel: 0.6 - 7.0mm Bundle Ø: 1.6 - 38.0mm | 10710-0 (Black)  Hole: M6 Threaded Panel: 0.6 - 7.0mm Bundle Ø: 1.6 - 45.0mm | 20106-0 ¹ (Black) 20106-N (Natural)  Hole: Ø 6.35mm Panel: Manifold Cover Bundle Ø: 1.6 - 45.0mm |
| FC00AAX68226 TC2 (Black) | FC00AAA89505 TC1 FC00ABF11283 TC2 | FC00AAA89716 TC1 (Black) FC00ABE78713 TC2 (Black) |
| 20120-0 ^{1,2} (Black, LIFT)  Hole: Ø 6.6mm ±0.25mm Panel: 0.6 - 3.0mm Bundle Ø: 1.6 - 38.0mm | 20042-0 ^{1,2} (Black) 20002-0 (Gray) 20042-N (Natural)  Hole: Ø 6.6mm ±0.25mm Panel: 0.6 - 3.0mm Bundle Ø: 1.6 - 45.0mm | 20299-0 ^{1,2} Std Strap (Black, LIFT)  Hole: Ø 6.2-7mm x 12-13mm Panel: 0.6 - 7.0mm Bundle Ø: 44.5mm (7.5" Strap) |
| FC00ABM36193 TC2 | FC00AAA67836 TC1 (Black) FC00ABG11657 TC2 (Black) | Click Image for Demonstration |
| 20297-0 ^{1,2} HD Strap (Black, LIFT)  Hole: Ø 6.2-7mm x 12-13mm Panel: 0.6 - 7.0mm Bundle Ø: 101.6mm (14.5" Strap) | 20318-0 Std Strap (Black, LIFT)  Hole: Ø 6.2-7mm x 12-13mm Panel: 0.6 - 16.0mm Bundle Ø: 44.5mm (7.5" Strap) | 20317-0 HD Strap (Black, LIFT)  Hole: Ø 6.2-7mm x 12-13mm Panel: 0.6 - 16.0mm Bundle Ø: 101.6mm (14.5" Strap) |
| Click Image for Demonstration | Click Image for Demonstration | Click Image for Demonstration |
| 20185-0 ^{1,2} (Black, LIFT) 20185-N (Natural)  Hole: Ø 6.2-7mm x 12-13mm Panel: 0.6 - 7.0mm Bundle Ø: 1.6 - 38.1mm | 20276-0 ^{1,2} (Black, LIFT) 20276-N (Natural)  Hole: Ø 6.2-7mm x 12-13mm Panel: 0.6 - 7.0mm Bundle Ø: 1.6 - 50.0mm | |
| FC00ABP29820 TC2 | | |

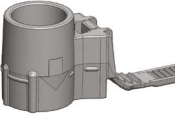

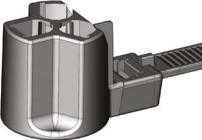
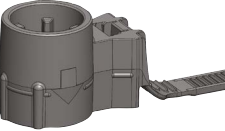
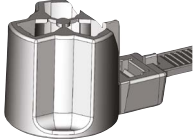
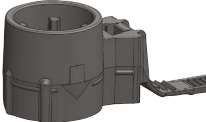
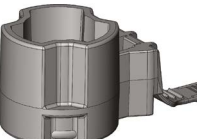
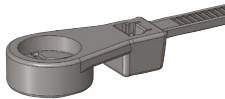
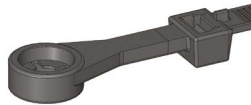
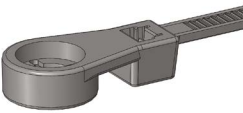
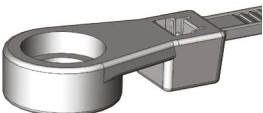

| Fir Tree - Straight | | |
|---|--|---|
| 20171-0 ^{1,2} (Black, LIFT)  Hole: Ø 6.1-6.85mm/M8 Threaded Panel: 0.6 - 7.0mm Bundle Ø: 1.6 - 30.0mm | 20140-0 ^{1,2} (Black, LIFT)  Hole: Ø 6.6mm ±0.25mm Panel: 0.6 - 7.0mm Bundle Ø: 1.6 - 35.0mm | 20098-0 ^{1,2} (Black, LIFT) 20105-0 (Gray, LIFT) 20098-N (Natural, LIFT)  Hole: Ø 6.6mm ±0.25mm Panel: 0.6 - 7.0mm Bundle Ø: 1.6 - 45.0mm |
| FC00ABN14505 TC2 | FC00AAQ12408 TC1 FC00AAQ12408 TC2 | FC00AAA20219 TC1 (Black) FC00ABE78545 TC2 (Black) |
| 10711-0 (Black) 10719-0 (Gray)  Hole: Ø 6.6mm ±0.25mm Panel: 0.6 - 7.0mm Bundle Ø: 6.35 - 47.0mm | 10709-0 (Black) 10709-N (Natural)  Hole: Ø 6.6mm ±0.25mm Panel: 0.6 - 7.0mm Bundle Ø: 1.6 - 45.0mm | 20049-0 (Black) 20050-0 (Gray)  Hole: Ø 8.0mm ±.25mm / M10 Threaded Panel: 0.6 - 3.0mm Bundle Ø: 1.6 - 45.0mm |
| FC00AAF79259 TC1 (Black) FC00ABF11284 TC2 (Black) | FC00AAA88825 TC1 (Black) FC00ABF11277 TC2 (Black) | FC00AAA89458 TC1 (Black) FC00ABG11664 TC2 (Black) |
| 20086-0 (Brown, stopper)  Hole: Ø 8.0mm ±0.25mm Panel: 0.6 - 3.0mm Bundle Ø: 22.2 - 45.0mm | 20094-0 ² (Black)  Hole: Ø 8.0mm ±0.25mm Panel: 0.6 - 3.0mm Bundle Ø: 1.6 - 45.0mm | 20117-0 ^{1,2} (Black) 20127-0 (Natural)  Hole: Ø 8.0mm ±0.25mm Panel: 0.6 - 7.0mm Bundle Ø: 1.6 - 45.0mm |
| | FC00AAD47477 TC1 FC00ABE78465 TC2 | FC00AAA89462 TC1 (Black) FC00ABE85626 TC2 (Black) |
| 20103-0 ¹ (Black, LIFT)  Hole: Ø 10.0mm ±0.25m Panel: 0.6 - 5.0mm Bundle Ø: 1.6 - 45.0mm | 20110-0 (Black, LIFT) 20110-N (Natural)  Hole: Ø 11.5mm ±0.25mm Panel: 0.6 - 8.50mm Bundle Ø: 1.6 - 45.0mm | |
| FC00AAB21265 TC1 FC00ABE78682 TC2 | FC00AAD75586 TC1 (Black) FC00ABE82095 TC2 (Black) | |

| Fir Tree - Offset | | |
|--|--|--|
| <p>20136-0² (Black, 15mm)</p>  <p>Hole: M6 Threaded Panel: 0.6 - 6.0mm Bundle Ø: 1.6 - 45.0mm</p> <p>FC00AAM58977 TC1 FC00AAM58977 TC2</p> | <p>20137-0 (Gray, 15mm)</p>  <p>Hole: M6 Threaded Panel: 0.6 - 6.0mm Bundle Ø: 1.6 - 45.0mm</p> <p>FC00AAY80845 TC2</p> | <p>20058-0 (Black, 25mm)</p>  <p>Hole: M6 Threaded Panel: 0.6 - 6.0mm Bundle Ø: 1.6 - 45.0mm</p> <p>FC00AAA89580 TC1 FC00AAA89580 TC2</p> |
| <p>20066-0 (Gray, 25mm)</p>  <p>Hole: M6 Threaded Panel: 0.6 - 6.0mm Bundle Ø: 1.6 - 45.0mm</p> <p>FC00AAD27059 TC1 FC00ABE78366 TC2</p> | <p>20289-0^{1,2} (Black, 12.5mm)</p>  <p>Hole: Ø 6.2 - 7mm x 12-13mm Panel: 0.6 - 7.0mm Bundle Ø: 1.6 - 50.0mm</p> <p>FC00ACB15794 TC1</p> | <p>20291-0^{1,2} (Black, 25mm)</p>  <p>Hole: Ø 6.2 - 7mm x 12-13mm Panel: 0.6 - 7.0mm Bundle Ø: 1.6 - 50.0mm</p> <p>FC00ACF31871 TC1</p> |
| <p>20293-0^{1,2} (Gray, 12.5mm)</p>  <p>Hole: Ø 6.2 - 7mm x 12-13mm Panel: 0.6 - 7.0mm Bundle Ø: 1.6 - 50.0mm</p> <p>FC00ACB40753 TC1</p> | <p>20295-0^{1,2} (Gray, 25mm)</p>  <p>Hole: Ø 6.2 - 7mm x 12-13mm Panel: 0.6 - 7.0mm Bundle Ø: 1.6 - 50.0mm</p> <p>FC00SAA78646 TC1 1/20319/87 TC2</p> | <p>20159-0 (Black, 15mm)</p>  <p>Hole: Ø 6.6mm ±0.25mm Panel: 0.6 - 7.0mm Bundle Ø: 1.6 - 38.0mm</p> |
| <p>20135-0² (Black, 15mm)</p>  <p>Hole: Ø 6.6mm ±0.25mm Panel: 0.6 - 7.0mm Bundle Ø: 1.6 - 45.0mm</p> <p>FC00AAI23490 TC1 FC00AAI23490 TC2</p> | <p>20161-0¹ (Gray, 15mm)</p>  <p>Hole: Ø 6.6mm ±0.25mm Panel: 0.6 - 7.0mm Bundle Ø: 1.6 - 38.0mm</p> <p>FC00AAV57201 TC1 FC00AAV57201 TC2</p> | <p>20129-0² (Gray, 15mm)</p>  <p>Hole: Ø 6.6mm ±0.25mm Panel: 0.6 - 7.0mm Bundle Ø: 1.6 - 45.0mm</p> <p>FC00AAH07864 TC1 FC00ABB05796 TC2</p> |

| Fir Tree - Offset | | |
|--|--|--|
| <p>20160-0² (Black, 25mm)</p>  <p>Hole: Ø 6.6mm ±0.25mm Panel: 0.6 - 7.0mm Bundle Ø: 1.6 - 38.0mm</p> <p>FC00AAV56099 TC1 FC00AAV56099 TC2</p> | <p>20132-0¹ (Black, 25mm)</p>  <p>Hole: Ø 6.6mm ±0.25mm Panel: 0.6 - 7.0mm Bundle Ø: 1.6 - 45.0mm</p> <p>FC00AAH14295 TC1 FC00ABD79529 TC2</p> | <p>20162-0 (Gray, 25mm)</p>  <p>Hole: Ø 6.6mm ±0.25mm Panel: 0.6 - 7.0mm Bundle Ø: 1.6 - 38.0mm</p> <p>FC00AAX75261 TC1 FC00AAX75261 TC2</p> |
| <p>20133-0¹ (Gray, 25mm)</p>  <p>Hole: Ø 6.6mm ±0.25mm Panel: 0.6 - 7.0mm Bundle Ø: 1.6 - 45.0mm</p> <p>FC00AAI04987 TC1 FC00AAI04987 TC2</p> | <p>20121-0 (Black, 25mm)</p>  <p>Hole: Ø 8.0 mm ±0.25mm / M10 Threaded Panel: 0.6 - 7.0mm Bundle Ø: 1.6 - 45.0mm</p> | <p>20122-0¹ (Gray, 25mm)</p>  <p>Hole: Ø 8.0 mm ±0.25mm / M10 Threaded Panel: 0.6 - 7.0mm Bundle Ø: 1.6 - 45.0mm</p> <p>FC00AAZ04704 TC2</p> |
| <p>20032-0 (Black, 25mm)</p>  <p>Hole: Ø 9.5mm ±0.25mm Panel: 0.6 - 5.0mm Bundle Ø: 1.6 - 45.0mm</p> <p>FC00AAA90409 TC1 FC00ABG11636 TC2</p> | <p>20073-0 (Gray, 25mm)</p>  <p>Hole: Ø 9.5mm ±0.25mm Panel: 0.6 - 5.0mm Bundle Ø: 1.6 - 45.0mm</p> | |

| Arrow Tie | | |
|---|---|---|
| 10691-2 (Black)  Hole: Ø 4.8mm Panel: 0.6 - 2.4mm Bundle Ø: 1.6 - 22.0mm | 08445-0 (Black) 08414-0 (Natural)  Hole: Ø 6.35mm Panel: 0.6 - 3.2mm Bundle Ø: 1.6 - 45.0mm | 20131-0 ^{1,2} (Black)  Hole: Ø 6.35mm-Ø 7.00mm Panel: 0.6 - 3.5mm Bundle Ø: 1.6 - 38.0mm |
| | | 1/19159/87 TC2 |
| 20087-0 (Black)  Hole: Ø 6.6mm ±0.25mm Panel: 5.0mm Max. Bundle Ø: 6.35 - 45.0mm | 20060-0 (Black)  Hole: Ø 9.6mm ±0.4mm Panel: 2.0 - 10.0mm Max. Bundle Ø: 6.4 - 19.0mm | 20179-0 ¹ (Black)  Hole: Ø 6.2-7mm x 12-12.2mm Panel: 0.6 - 3.6mm Bundle Ø: 1.6 - 38.0mm |
| FC00AAD47501 TC1 FC00ABE78441 TC2 | FC00AAA88402 TC1 | 1/20134/87 TC2 |
| 20115-0 ^{1,2} (Black) 20123-0 (Gray) 20115-N (Natural)  Hole: 7mm x 12+mm Panel: 0.6 - 3.6mm Bundle Ø: 1.6 - 38.0mm | | |
| FC00AAF35099 TC1 (Black) FC00ABE83044 TC2 (Black) | | |
| | | |
| | | |

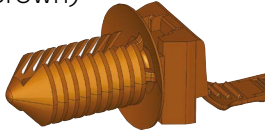
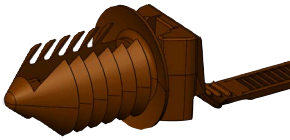
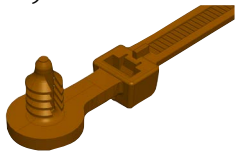
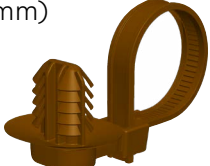
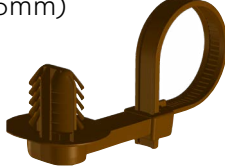


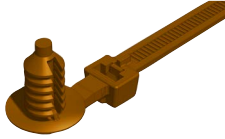
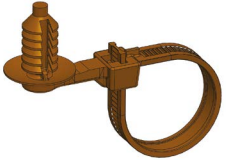
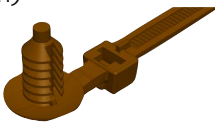
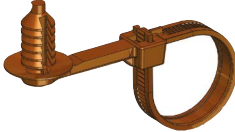
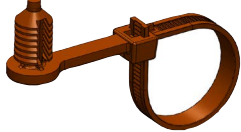
| Arrow Tie – Offset | | |
|--|--|--|
| 20142-0 (Black, 15mm offset)  Hole: 7mm x 12+mm Panel: 0.6 - 3.0mm Bundle Ø: 1.6 - 38.0mm | 20143-0 ² (Gray, 15mm offset)  Hole: 7mm x 12+mm Panel: 0.6 - 3.0mm Bundle Ø: 1.6 - 38.0mm | 20144-0 (Black, 25mm offset)  Hole: 7mm x 12+mm Panel: 0.6 - 3.0mm Bundle Ø: 1.6 - 38.0mm |
| FC00AAQ79519 TC1 FC00ABE88250 TC2 | FC00AAQ79521 TC1 FC00ABE88282 TC2 | FC00AAQ81156 TC1 FC00ABG11591 TC2 |
| 20147-0 (Gray, 25mm offset)  Hole: 7mm x 12+mm Panel: 0.6 - 3.0mm Bundle Ø: 1.6 - 38.0mm | 20148-0 (Black, 35mm offset)  Hole: 7mm x 12+mm Panel: 0.6 - 3.0mm Bundle Ø: 1.6 - 38.0mm | 20149-0 ¹ (Gray, 35mm offset)  Hole: 7mm x 12+mm Panel: 0.6 - 3.0mm Bundle Ø: 1.6 - 38.0mm |
| FC00AAR13251 TC1 FC00ABG11592 TC2 | FC00AAQ79242 TC1 FC00ABG11632 TC2 | FC00AAQ79241 TC1 FC00ABG11633 TC2 |
| | | |
| | | |
| | | |

| Bolt Mount | | |
|--|---|--|
| <p>20145-0 (Gray)</p>  <p>Hole: M5 / T5 Min. Bolt Height: 3.0mm Bundle Ø: 1.6 - 38.0mm</p> <p>FC00AAW45425 TC1 FC00AAW45425 TC2</p> | <p>20146-0^{1,2} (Black) 20146-N (Natural)</p>  <p>Hole: M5 / M6 Min. Bolt Height: 3.0mm Bundle Ø: 1.6 - 38.0mm</p> <p>FC00AAM35469 TC1 (Black) FC00AAM35469 TC2 (Black)</p> | <p>10708-0^{1,2} (Black)</p>  <p>Hole: M5 / M6 Min. Bolt Height: 8.0mm Bundle Ø: 1.6 - 45.0mm</p> <p>FC00AAA20287 TC1 FC00ABE65772 TC2</p> |
| <p>20152-0¹ (Black)</p>  <p>Hole: M8 Min. Bolt Height: 4.0mm Bundle Ø: 1.6 - 38.0mm</p> <p>FC00AAT20465 TC1 FC00AAT20465 TC2</p> | <p>20011-0 (Black) 20013-0 (Gray)</p>  <p>Hole: M8 Min. Bolt Height: 9.0mm Bundle Ø: 1.6 - 45.0mm</p> <p>FC00AAB61765 TC1 (Black) FC00ABF11528 TC2 (Black)</p> | <p>20153-0¹ (Black)</p>  <p>Hole: M10 Min. Bolt Height: 4.0mm Bundle Ø: 1.6 - 38.0mm</p> <p>FC00AAX08444 TC1 FC00AAX08444 TC2</p> |
| <p>20116-0 (Black)</p>  <p>Hole: 7mm x 12+mm Panel: 0.6 - 3.6mm Bundle Ø: 1.6 - 38.0mm</p> <p>FC00AAD99524 TC1 FC00ABE83813 TC2</p> | <p>20051-0 (Black) 20062-0 (Natural)</p>  <p>Hole: M5 / M6 Min. Bolt Height: 5.0mm Bundle Ø: 1.6 - 45.0mm</p> <p>FC00AAA68059 TC1 (Black) FC00ABE78133 TC2 (Black)</p> | <p>20065-0 (Black, 25mm)</p>  <p>Hole: M5 / M6 Min. Bolt Height: 5.0mm Bundle Ø: 1.6 - 45.0mm</p> <p>FC00AAC85450 TC1 FC00ABE78346 TC2</p> |
| <p>20045-0 (Black)</p>  <p>Hole: M6 Min. Bolt Height: 5.0mm Bundle Ø: 1.6 - 45.0mm</p> <p>FC00AAE01601 TC1 FC00ABG11662 TC2</p> | <p>20044-0² (Gray)</p>  <p>Hole: M8 Min. Bolt Height: 5.0mm Bundle Ø: 1.6 - 45.0mm</p> <p>FC00AAC85455 TC1 FC00ABG11660 TC2</p> | <p>20139-0 (Black)</p>  <p>Hole: M10 Min. Bolt Height: 5.0mm Bundle Ø: 1.6 - 45.0mm</p> <p>FC00AAT49013 TC1 FC00AAT49013 TC2</p> |

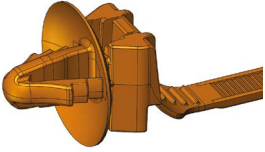
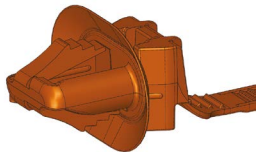
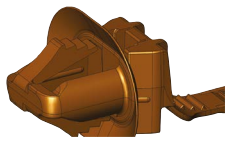
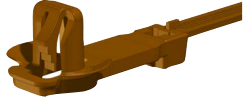
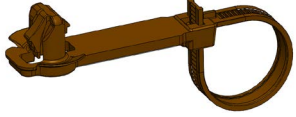
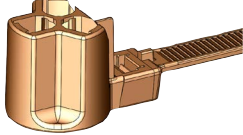
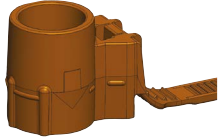
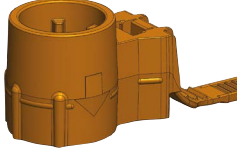
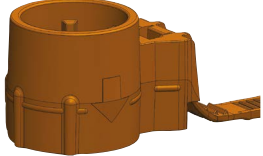
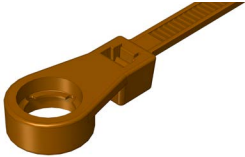
| Bolt Mount | | |
|--|---|--|
| <p>08443-0 (Black)</p>  <p>Hole: #10 Screw Bundle Ø: 1.6 - 45.0mm</p> | <p>20085-0 (Natural)</p>  <p>Hole: 1/4" Screw Bundle Ø: 1.6 - 45.0mm</p> | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

Available in ¹PA66 High Heat Resin (150°) ² PA66 Heat Stable Resin

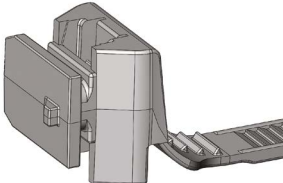
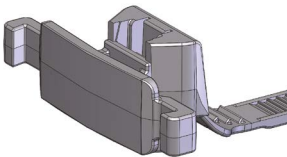
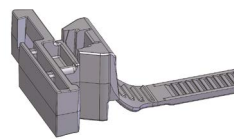
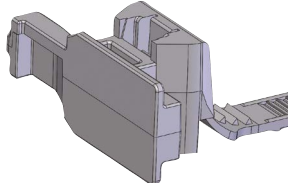
| High Temperature | | |
|--|--|--|
| <p>20154-HHBN (Brown, LIFT)</p>  <p>Hole: Ø M6 Threaded Panel: 0.6 - 7.0mm Bundle Ø: 1.6 - 38.0mm</p> | <p>20106-HHBN (Brown, LIFT)</p>  <p>Hole: Ø 6.6mm ±0.25mm Panel: Manifold Cover Bundle Ø: 1.6 - 45.0mm</p> | <p>20120-HHBN (Brown, LIFT)</p>  <p>Hole: Ø 6.6mm ±0.25mm Panel: 0.6 - 3.0mm Bundle Ø: 1.6 - 38.0mm</p> |
| | | |
| <p>20042-HHBN (Brown, LIFT)</p>  <p>Hole: Ø 6.6mm ±0.25mm Panel: 0.6 - 3.0mm Bundle Ø: 1.6 - 45.0mm</p> | <p>20299-HHBN Std Strap (Brown, LIFT)</p>  <p>Hole: Ø 6.2 -7mm x 12-13mm Panel: 0.6 - 7.0mm Bundle Ø: 44.5mm (7.5" Strap)</p> | <p>20297-HHBN HD Strap (Brown, LIFT)</p>  <p>Hole: Ø 6.2 -7mm x 12-13mm Panel: 0.6 - 7.0mm Bundle Ø: 101.6mm (14.5" Strap)</p> |
| | Click Image for Demonstration | Click Image for Demonstration |
| <p>20185-HHBN (Brown, LIFT)</p>  <p>Hole: Ø 6.2-7mm x 12-13mm Panel: 0.6 - 7.0mm Bundle Ø: 1.6 - 38.1mm</p> | <p>20276-HHBN (Brown, LIFT)</p>  <p>Hole: Ø 6.2-7mm x 12-13mm Panel: 0.6 - 7.0mm Bundle Ø: 1.6 - 50.0mm</p> | <p>20171-HHBN (Brown, LIFT)</p>  <p>Hole: Ø 6.1mm -6.85mm/M8 Panel: 0.6 - 7.0mm Bundle Ø: 1.6 - 30.0mm</p> |
| FC00ABP29813 TC2 Ridbul: 1/18302/87 TC2 | | Ridbull: 1/18602/87 TC2 |
| <p>20140-HHBN (Brown, LIFT)</p>  <p>Hole: Ø 6.6mm ±0.25mm Panel: 0.6 - 7.0mm Bundle Ø: 1.6 - 35.0mm</p> | <p>20098-HHBN (Brown, LIFT)</p>  <p>Hole: Ø 6.6mm ±0.25mm Panel: 0.6 - 7.0mm Bundle Ø: 1.6 - 45.0mm</p> | <p>20094-HHBN (Brown)</p>  <p>Hole: Ø 8.0mm ±0.25mm Panel: 0.6 - 3.0mm Bundle Ø: 1.6 - 45.0mm</p> |
| FC00AAY65400 TC2 | FC00ABA75821 TC2 | |

| High Temperature | | |
|--|---|--|
| <p>20117-HHBN (Brown)</p>  <p>Hole: Ø 8.0mm ±0.25mm Panel: 0.6 - 7.0mm Bundle Ø: 1.6 - 45.0mm</p> | <p>20103-HHBN (Brown, LIFT)</p>  <p>Hole: Ø 10.0mm ±0.25mm Panel: 0.6 - 5.0mm Bundle Ø: 1.6 - 45.0mm</p> | <p>20136-HHBN (Brown, 15mm)</p>  <p>Hole: M6 Threaded Panel: 0.6 - 6.0mm Bundle Ø: 1.6 - 45.0mm</p> |
| FC00AAY16910 TC2 | | |
| <p>20289-HHBN (Brown, 12.5mm)</p>  <p>Hole: Ø 6.2-7mm x 12-13mm Panel: 0.6 - 7.0mm Bundle Ø: 1.6 - 50.0mm</p> | <p>20291-HHBN (Brown, 25mm)</p>  <p>Hole: Ø 6.2-7mm x 12-13mm Panel: 0.6 - 7.0mm Bundle Ø: 1.6 - 50.0mm</p> | <p>20293-HHBN (Brown, 12.5mm)</p>  <p>Hole: Ø 6.2-7mm x 12-13mm Panel: 0.6 - 7.0mm Bundle Ø: 1.6 - 50.0mm</p> |
| FC00ACF28544 TC1 | FC00ACF31895 TC1 | FC00ACF29996 TC1 |
| <p>20295-HHBN (Brown, 25mm)</p>  <p>Hole: Ø 6.2-7mm x 12-13mm Panel: 0.6 - 7.0mm Bundle Ø: 1.6 - 50.0mm</p> | <p>20135-HHBN (Brown, 15mm)</p>  <p>Hole: Ø 6.6mm ±0.25mm Panel: 0.6 - 7.0mm Bundle Ø: 1.6 - 45.0mm</p> | <p>20161-HHBN (Brown)</p>  <p>Hole: Ø 6.6mm ±0.25mm Panel: 0.6 - 7.0mm Bundle Ø: 1.6 - 38.0mm</p> |
| FC00ACF30915 TC1 | | |
| <p>20129-HHBN (brown, 15mm)</p>  <p>Hole: 6.6mm x mm ±0.25mm Panel: 0.6 - 7.0mm Bundle Ø: 1.6 - 45.0mm</p> | <p>20133-HHBN (Brown 25mm, offset)</p>  <p>Hole: Ø 6.6mm ±0.25mm Panel: 0.6 - 7.0mm Bundle Ø: 1.6 - 45.0mm</p> | <p>20122-HHBN (Brown, 25mm Offset)</p>  <p>Hole: Ø 8.0mm ±0.25mm/M1 Panel: 0.6 - 7.0mm Bundle Ø: 1.6 - 45.0mm</p> |
| | | |

High Temperature

| | | |
|--|--|--|
| <p>20131-HHBN (Brown)</p>  <p>Hole: 6.35mm - 7.0mm Panel: 0.6 - 3.6mm Bundle Ø: 1.6 - 38.0mm</p> | <p>20179-HHBN (Brown)</p>  <p>Hole: Ø 6.2-7mm x 12-12.2mm Panel: 0.6 - 3.6mm Bundle Ø: 1.6 - 38.0mm</p> | <p>20115-HHBN (Brown)</p>  <p>Hole: 7mm x 12+mm Panel: 0.6 - 3.6mm Bundle Ø: 1.6 - 35.0mm</p> |
| <p>FC00ABN85221 TC2</p> | | |
| <p>20143-HHBN (Brown, 15mm Offset)</p>  <p>Hole: Ø 7.0mm x 12.0mm Panel: 0.6 - 3.0mm Bundle Ø: 1.6 - 38.0mm</p> | <p>20149-HHBN (Brown, 35mm Offset)</p>  <p>Hole: Ø 7.0mm x 12.0mm Panel: 0.6 - 7.0mm Bundle Ø: 1.6 - 45.0mm</p> | <p>10708-HHBN (Brown)</p>  <p>Hole: Ø M5/M6 Min. Bolt Height: 8.0mm Bundle Ø: 1.6 - 45.0mm</p> |
| <p>20146-HHBN (Brown)</p>  <p>Hole: M6 Min. Bolt Height: 3.0mm Bundle Ø: 1.6 - 38.0mm</p> | <p>20152-HHBN (Brown)</p>  <p>Hole: M8 Min. Bolt Height: 4.0mm Bundle Ø: 1.6 - 38.0mm</p> | <p>20153-HHBN (Brown)</p>  <p>Hole: M10 Min. Bolt Height: 4.0mm Bundle Ø: 1.6 - 38.0mm</p> |
| <p>20044-HHBN (Brown)</p>  <p>Hole: M8 Min. Bolt Height: 5.0mm Bundle Ø: 1.6 - 45.0mm</p> | | |
| | | |

Connector

| | | |
|--|--|---|
| <p>20101-0 (Black)</p>  <p>Connector: T-Slot Bundle Ø: 1.6 - 45.0mm</p> | <p>20111-0 (Black)</p>  <p>Connector: ADAPEX Bundle Ø: 1.6 - 45.0mm</p> | <p>20113-0 (Black) 20113-N (Natural)</p>  <p>Connector: ADGT Bundle Ø: 1.6 - 45.0mm</p> |
| <p>FC00AAA89889 TC1 FC00ABE78559 TC2</p> | <p>FC00AAC85453 TC1 FC00AAC85453 TC2</p> | <p>FC00AAG38593 TC1 (Black) FC00ABE83015 TC2 (Black)</p> |
| <p>20124-0 (Black)</p>  <p>Connector: ADFM Bundle Ø: 1.6 - 45.0mm</p> | | |
| <p>FC00AAF72349 TC1 FC00ABE87672 TC2</p> | | |

Gasket

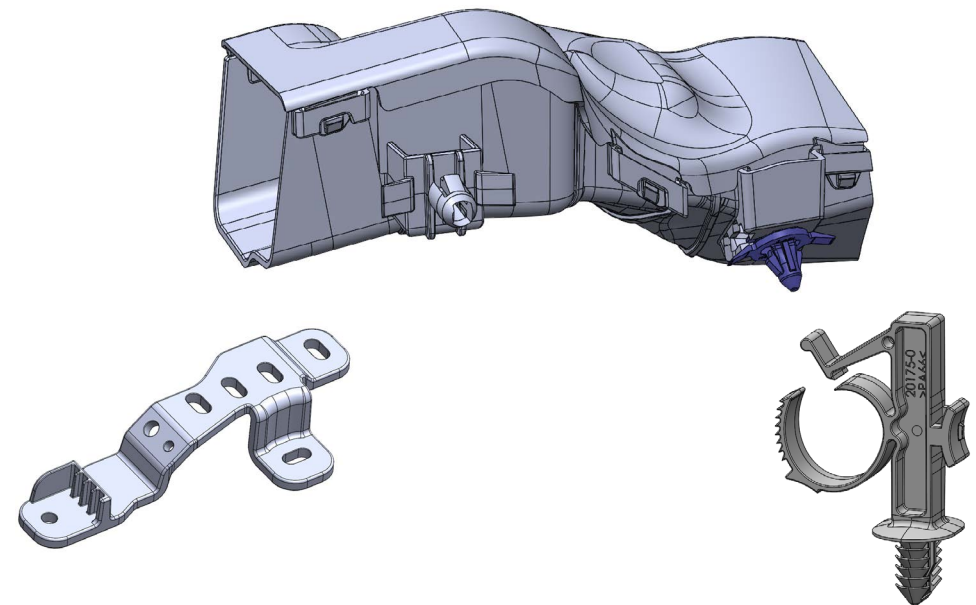
| | |
|---|---|
| <p>20042-GSK (Black)</p>  <p>Hole: Ø 6.6mm ±0.25mm Panel: 0.6 - 3.0mm Bundle Ø: 1.6mm - 45.0mm</p> | <p>20098-GSK (Black, LIFT)</p>  <p>Hole: Ø 6.6mm ±0.25mm Panel: 0.6 - 7.0mm Bundle Ø: 1.6mm - 45.0mm</p> |
| | |

Custom-Molded Parts

When a fastener or tie won't provide the protection or security for your application, a custom-molded part may be the solution.

We specialize in providing plastic retainers, fasteners, clips, and ties used in wire harness, fluid management, and electronic component applications. Our ergonomic solutions have been proven in underhood (engine), chassis, body, and interior settings such as seating and other electronic control systems. We fully understand the process and demand challenges automotive OEMs and Tiers face and can help to remove assembly or production obstacles you may encounter. Custom molded parts call for the same level of performance as engineered fasteners. These parts are used in tight spaces, survive in varying environments, require tight tolerances, and must be easy to use during assembly.

We've designed and manufactured channels, brackets, and clips.



Put our design and manufacturing experience to work for you. Build a smarter and more efficient custom molded part by discussing your concept with our team early in the design stage.

Manual Cable Tie Installation Tool



Pneumatic Cable Tie Installation Tool



Cable Tie Tools

| | Item # | Description |
|----------------|---------|---|
| Straight Blade | 12001-1 | Manual Tool |
| | 12010-0 | Manual Tool + 3mm Extension |
| | 12011-0 | Manual Tool + 3mm Extension + Tension Lock |
| | 12008-0 | Manual Tool + 5mm Blade Cover Extension |
| | 12009-0 | Manual Tool + 5mm Blade Cover Extension + Tension Knob Adjustment Lock |
| | 12500-1 | Pneumatic Tool |
| | 12510-0 | Pneumatic Tool + Straight Blade + 3mm Extension |
| | 12511-0 | Pneumatic Tool + Straight Blade + 3mm Extension + Tension Lock |
| | 12508-0 | Pneumatic Tool + 5mm Blade Cover Extension |
| Curved Blade | 12509-0 | Pneumatic Tool + 5mm Blade Cover Extension + Tension Knob Adjustment Lock |
| | 12012-0 | Manual Tool + Curved Blade + 3mm Extension |
| | 12013-0 | Manual Tool + Curved Blade + 3mm Extension + Tension Lock |
| | 12014-0 | Manual Tool + Curved Blade + 5mm Extension |
| | 12015-0 | Manual Tool + Curved Blade + 5mm Extension + Tension Lock |
| | 12512-0 | Pneumatic Tool + Curved Blade + 3mm Extension |
| | 12513-0 | Pneumatic Tool + Curved Blade + 3mm Extension + Tension Lock |
| | 12514-0 | Pneumatic Tool + Curved Blade + 5mm Extension |
| | 12515-0 | Pneumatic Tool + Curved Blade + 5mm Extension + Tension Lock |

Replacement Parts

| Item # | Description | Kit Contents |
|---------|--|-------------------------------------|
| 12002-1 | Straight Blade Replacement | 1 Blade, 1 Screw |
| 12003-1 | Trigger Replacement Kit | 1 Trigger, 1 Trigger Pin |
| 12004-1 | Blade Cover Replacement Kit (No Extension) | 1 Cover, 1 Cover Screw |
| 12017-0 | Straight Blade 3mm Extension Kit | 1 Cover Extension, 1 Cover Screw |
| 12005-1 | Straight Blade 5mm Extension Kit | 1 Cover Extension, 1 Cover Screw |
| 12016-0 | Curved Blade Replacement | 1 Blade, 1 Screw |
| 12018-0 | Curved Blade 3mm Extension Kit | 1 Cover Extension, 1 Cover Screw |
| 12019-0 | Curved Blade 5mm Extension Kit | 1 Cover Extension, 1 Cover Screw |
| 12006-0 | Tension Knob Adjustment Lock Kit | 1 Tension Lock, 1 Screw, 1 Washer |
| 12007-0 | Tension Knob Replacement Kit | 1 Knob, 1 Screw, 1 Washer, 1 Spring |

The information contained herein is believed to be reliable but Avery Dennison makes no representations concerning the accuracy or correctness of the data. This product, like any other should be tested by the customer/user thoroughly under end user conditions to ensure the product meets the particular requirements. Independent results may vary. Avery Dennison and the logo are registered trademarks of Avery Dennison Corp. Third party trademarks and/or trade names used herein are the property of their respective owner(s).
© 2022 Avery Dennison Corporation. All Rights Reserved.

Standard Cable Ties

| Item # | Type | Length (mm) | Color | Max. ø Bundle (mm) | Min. Tensile Strength(N) | | Team Center 1 Item # | Team Center 2 Item # |
|---------|----------------|-------------|----------------|--------------------|--------------------------|--|----------------------|----------------------|
| 08404-0 | Standard Tie | 102 | Black | 22 | 80 | | FC00AAB23174 | FC00ABF11274 |
| 08432-0 | Standard Tie | 102 | Natural | 22 | 80 | | | |
| 08376-0 | Standard Tie | 140 | Natural | 32 | 178 | | | |
| 08400-0 | Standard Tie | 140 | Black | 32 | 178 | | FC00AAX76404 | FC00AAX76404 |
| 20097-0 | Stopper Tie | 140 | Gray | 17 - 32 | 178 | | FC00AAK53235 | FC00ABE78493 |
| 10392-0 | Standard Tie | 152 | Black | 38 | 80 | | | |
| 08472-0 | Ladder Tie | 178 | Black | 45 | 178 | | | |
| 08387-0 | Standard Tie | 191 | Natural | 45 | 222 | | | |
| 08402-0 | Standard Tie | 191 | Black, Natural | 45 | 222 | | FC00AAD99832 (Black) | FC00ABF11275 (Black) |
| 10003-0 | Standard Tie | 191 | Black | 45 | 222 | | FC00AAD99833 | FC00ABE65768 |
| 10424-0 | Doublehead Tie | 191 | Natural | 38 or 2 x 19 | 222 | | | |
| 10425-0 | Doublehead Tie | 191 | Black | 38 or 2 x 19 | 222 | | FC00AAA58433 | FC00ABE65769 |
| 20093-0 | Convolute Tie | 191 | Black | 45 | 222 | | FC00AAA89532 | FC00ABE78454 |
| 08377-0 | Standard Tie | 203 | Natural | 54 | 178 | | | |
| 08401-0 | Standard Tie | 203 | Black | 54 | 178 | | FC00AAB23620 | FC00AAB23620 |
| 10325-0 | Standard Tie | 203 | Natural | 54 | 80 | | | |
| 10326-0 | Standard Tie | 203 | Black | 54 | 80 | | | |
| 08056-0 | Standard Tie | 279 | Black | 76 | 222 | | FC00AAM68437 | FC00ABE64102 |
| 08471-0 | Ladder Tie | 279 | Natural | 76 | 178 | | | |
| 08473-0 | Ladder Tie | 279 | Black | 76 | 178 | | FC00AAB23853 | FC00ABF11272 |
| 08600-0 | Standard Tie | 279 | Natural | 76 | 222 | | FC00AAF41674 | FC00ABE65767 |
| 10431-0 | Doublehead Tie | 279 | Black, Natural | 76 or 2 x 35 | 222 | | FC00AAE18549 | FC00ABE65770 |
| 10660-0 | Stopper Tie | 279 | Black | 50 - 76 | 222 | | | |
| 08403-0 | Standard Tie | 368 | Black | 102 | 534 | | | |
| 10038-0 | Standard Tie | 368 | Natural | 102 | 534 | | | |
| 08416-0 | Standard Tie | 381 | Black | 102 | 222 | | | |
| 10008-0 | Standard Tie | 381 | Black | 102 | 222 | | | |
| 10036-0 | Standard Tie | 381 | Natural | 102 | 222 | | | |
| 10408-0 | Standard Tie | 381 | Black | 102 | 222 | | | |
| 10607-0 | Standard Tie | 533 | Black | 152 | 534 | | | |

Non-Engine Compartment Applications - cost-effective alternatives of the automotive ties featured in this booklet can be provided by manufacturing these in different material compositions.



**AUTOMOTIVE
FASTENING
SOLUTIONS
POSITIONING
BUNDLING
SECURING
LOCATING**

We engineer a full line of fasteners to help keep, wires, hoses, cables and components quiet and secure. High quality polymers and ergonomic performance designs improve installation efficiencies and work in hard-to-reach places for a variety of fastening applications. Our fasteners meet many OEM specifications.

NORTH AMERICA

224 Industrial Road
Fitchburg, MA 01420
Tel +978 345 8100
Tel **+888 255 8802**
Tel +800 225 5913
Fax +800 848 2169

ASIA/PACIFIC

No. 7 Chun Ying Street
Tseung Kwan O Industrial Estate
New Territories, Hong Kong
Tel +852 2372 3000
Fax +852 2873 6436

Tokyo, Japan
Gyeonggi-do, South Korea

EUROPE

1 Thomas Road
Wooburn Green
Bucks HP10 0PE
Tel +(44) 1628 859 500
Fax +(44) 1628 859 567

LATIN AMERICA

Aristóteles #123
Parque Industrial Kalos
Apodaca, Nuevo León
66600 México
Tel +52 (81) 3348 0700
Fax + 52 (81) 8864 4101



For an updated reference guide on Stellantis (FCA) approved parts please visit this site page

