

New! Cargo/Seat Track and Hardware

Browline Style Seat Tracks/Cargo Tracks

- Perfect for homebuilt or experimental projects
- Slotted extrusion with 0.785" diameter openings every one inch.
- Dimension meet MS33601 except thinner for reduced weight.
- Compatible with common MS33601 cargo tie down and seat stud fittings. (see below)
- Precision machined and quality controlled
- Aerospace grade 7075-T6511 aluminum with full traceability

Standard Lengths

P/N 6656-L (L = the minimum length in inches)

Anodized for corrosion protection.

Available in 6, 12, 18, 24, 36, 48, 160 and 179 inch lengths.

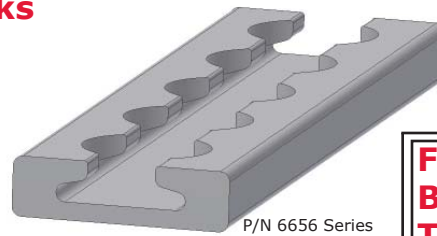
P/N STE105

Slotted extrusion without machined 0.785" diameter openings.

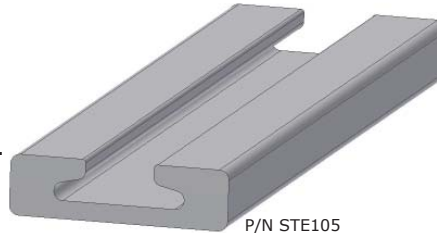
Non-anodized. Available by the inch.

Custom Tracks

Custom lengths and machining available. Call for details.



P/N 6656 Series



P/N STE105

Filler Strip for Browline Style Track

P/N FE200751

- Provides a finished look
- Keeps debris out of the track
- May be cut to length



Browline Style Anchor Plate

P/N 40000-11

- For use with single stud fittings
- Small and low profile, providing damage protection to cargo and baggage
- An ideal way to support single location fastening of nets, straps, or other equipment
- NSN Number 1560-01-286-1030
- Aluminum alloy, anodized

Working load limit:

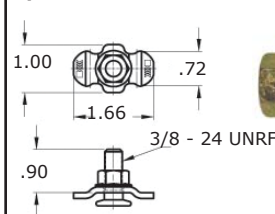
4000 lbs @ 0° vertical pull

2000 lbs @ 90° horizontal pull



Threaded Single Stud Fitting with Nut for Browline Style Track

P/N FE200744



Specifications

Material: Carbon Steel

Finish: Zinc Plated

Working Load Limit:

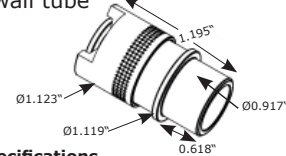
5000 lbs @ 0° vertical pull

2000 lbs @ 90° horizontal pull

Chair Leg Stud Quick Release Anchor

P/N MC41528-14

- Use with Browline style track
- Spring loaded fitting snaps securely into place and can be easily moved to different positions.
- Designed to mate with 1" O.D. 0.035" wall tube



Specifications

Material: 7075 Aluminum

Working load limit:

4000 lbs @ 0° vertical pull

2000 lbs @ 90° horizontal pull



Cargo Tie Down Fittings for Browline Style Track

- Use with Browline style track (McFarlane P/N series 6656) or other MS33601 compatible track - sometimes called L-track
- Perfect for net or strap restraint applications
- Spring loaded fitting snaps securely into place and can be easily moved to different positions.



P/N 32401



P/N 40340-20



P/N 40340-21



P/N 47556-11



P/N 32505



P/N 32507

P/N	Description	Figure	A	B	C	D	E	F	0° Vertical Working Load Limit lbs.	90° Horizontal Pull Angle Working Load Limit lbs.
32401	Single Stud Fitting with Ring	1	1.99"	0.93"	1.18"	0.19"	0.63"	1.23"	1333	1000
40340-20 ¹	Single Stud Fitting with Ring	1	1.87"	0.87"	1.12"	0.19"	0.71"	1.43"	1000	500
40340-21 ²	Single Stud Fitting with D-Ring	2	2.00"	1.09"		0.19"	0.71"	1.43"	1000	500
47556-11	Double Stud Fitting with Ring	3	1.75"	.450"					1666	1666
47556-13	Double Stud Fitting	4		.450"					1666	1666
32505 ³	Triple Stud Fitting without Ring	5	1.12"	0.90"	2.60"				2167	1670
32507 ³	Triple Stud Fitting with Pear Shaped Ring, Heavy Duty	6	1.12"	0.90"	1.16"	0.25"	4.90"		2000	1670

¹ NSN Number 1670-01-243-8877

² NSN Number 1670-01-261-0567

³ 60° Pull angle working load limit = 2000 lbs.

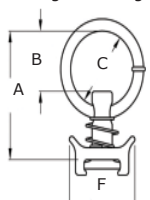


Figure 1

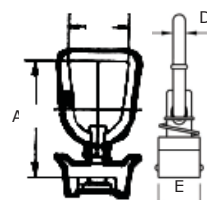


Figure 2

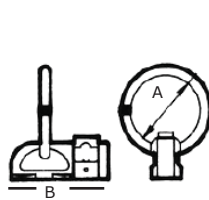


Figure 3



Figure 4

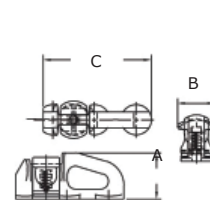


Figure 5

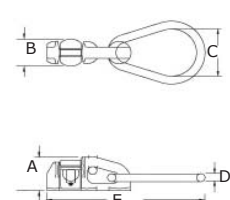
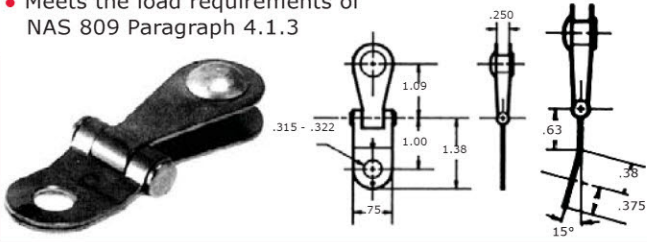


Figure 6

Seat Belt Shackles

P/N 41713-10 and 41713-11

- High strength, low profile design
- Made especially for today's lightweight seats
- Stainless steel, cad plated
- Meets the load requirements of NAS 809 Paragraph 4.1.3



Cargo Tie Downs

- Clamps to seat rails to provide tie down points to secure cargo
- 4 required per every 100 lbs of cargo
- Anodized aluminum for durability
- PMA-STC

Note: This product is not to be used as a seat stop

P/N	Aircraft Model Eligibility
8006	Cessna 150 thru 210
TDC-208	Cessna 208, 208A, and 208B
TDP-31	Piper PA31, PA31-300,-325,-350, PA31P, PA31P-350, PA31-T, PA31-T1,T2,T3



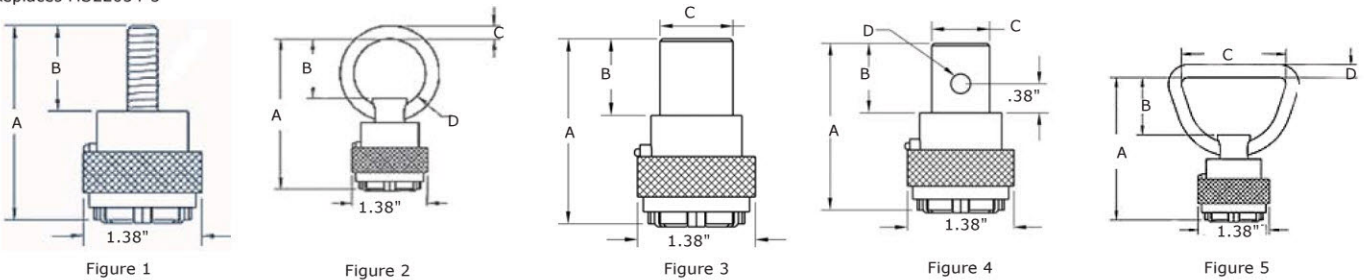
12-Jaw Seat/Cargo Tie Down Quick Disconnect Adapters (MS22034 style)

- Use with MS21234/MS21235/AN7516 style seat attach or cargo studs (see P/N 34003-59 below).
- Spring loaded ring locks jaws around stud, and spring loaded lock pin prevents accidental release.



P/N	Description	Figure	A	B	C	D	0° Vertical Breaking Strength lbs.	90° Pull Angle Breaking Strength lbs.
33115	12-Jaw with 1" x 3/8-24UNF Threaded Stud	1	2.26"	1.00"			5475	2300
33116	12-Jaw with 3/4" x 3/8-24UNF Threaded Stud	1	2.01"	.75"			5475	2300
32326	12-Jaw with Round Ring	2	2.85"	1.13"	.25"	1.31"	5475	2300
32334	12-Jaw Chair Leg Stud Fitting	3	2.16"	.90"	.85"		N/A	2300
32336	12-Jaw Chair Leg Stud Fitting with 1/4" Cross Hole X .088"	4	2.16"	.90"	.88"	.25"	5475	2300
32340	12-Jaw Chair Leg Stud Fitting with 1/4" Cross Hole X .085"	4	2.16"	.90"	.85"	.25"	5475	2300
32343	12-Jaw with Delta Ring	5	2.82"	1.1"	2.01"	.25"	5475	2300
32367	12-Jaw Chair Leg Stud Fitting with 3/8" Hole	4	2.32"	1.06"	.75"	.375"	5475	2300

- ① Replaces MS22034-2
- ② Replaces MS22034-1
- ③ Replaces MS22034-3



Threaded Stud for 12-Jaw Quick Disconnect Adapters

P/N 34003-59

- Standard head geometry compatible with 12-Jaw quick disconnect adapters
- 11/16" X 3/8-24 UNF thread
- 5/8" hex



Seat Rail Extrusion

Ideal for the home built aircraft! For custom projects McFarlane offers eight design types. Blank extrusion can be cut to most any length and is sold by the inch. We can also custom machine to your specifications.



P/N STE101	P/N STE102	P/N STE103	P/N STE104	P/N STE108	P/N STE109	P/N STE105	P/N 6656
1 1/2" X 7/10" X 1/2"	2 3/10" X 7/10" X 1/2"	1 1/2" X 1/2" X 1/2"	2 3/10" X 1/2" X 1/2"	1 3/4" X 5/8" X 1/2"	2 3/10" X 3/4" X 1"	1.34" X 0.37"	1.34" X 0.37"