

Panel and Stanchion Fittings

Quick Change (QC)

Inch Thread

Metric Thread

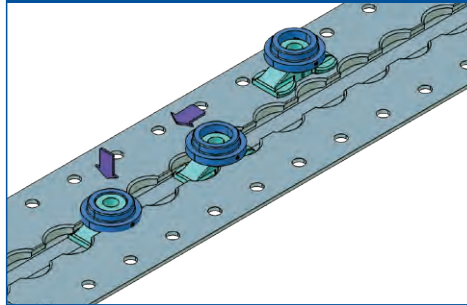


Panel and Stanchion fittings are used for all type of installations on seat and cargo tracks of fixed wing airplanes and helicopters, either for commercial or military use.

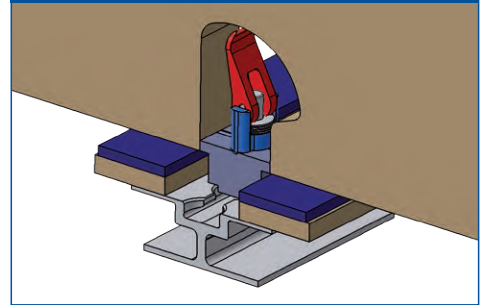
In addition to the wide range of standard seat track fittings allsafe JUNGFALK is constantly expanding its portfolio with innovative solutions.

Future cabin interior will need more and more integration of the attachment functions. allsafe JUNGFALK is listening to the customer's requirements and prepared to support you - **from the early design phase until full qualification of serial products.** Benefit from our expertise and consult us for your coming projects!

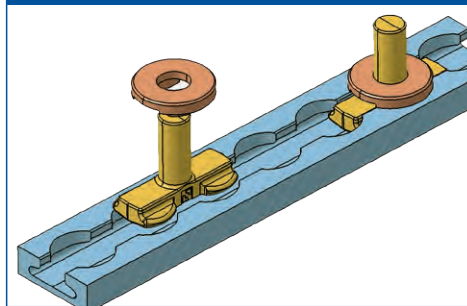
Installation of no-loose-parts fitting



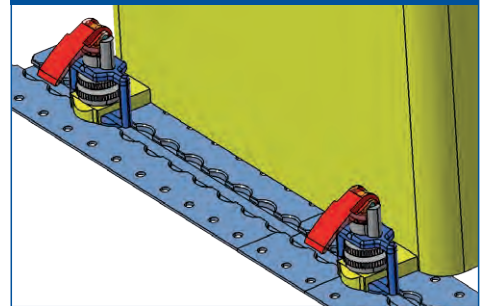
QC fitting for monuments



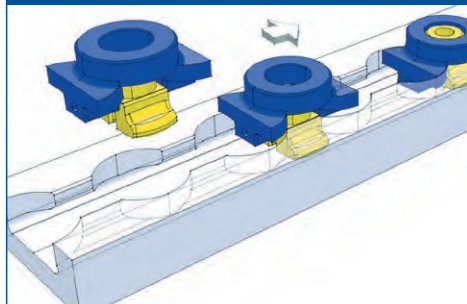
Installation of stud fitting with retainer



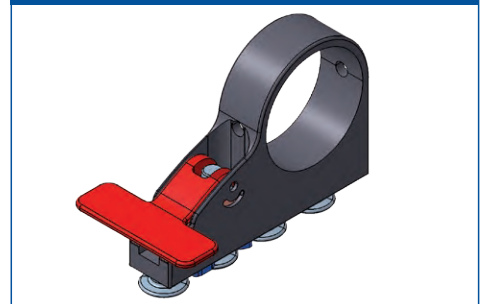
QC seat track attachment for box



Installation of no-loose-parts fitting P/N 11057



QC Track Fitting



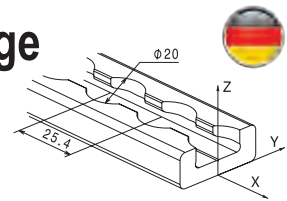
If you do not find
it in the catalogue –
ask us!


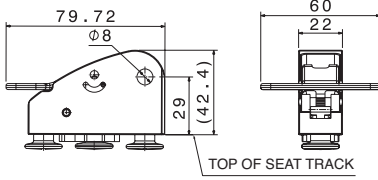

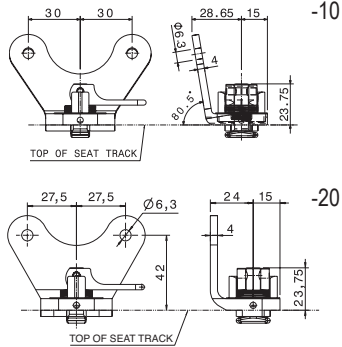

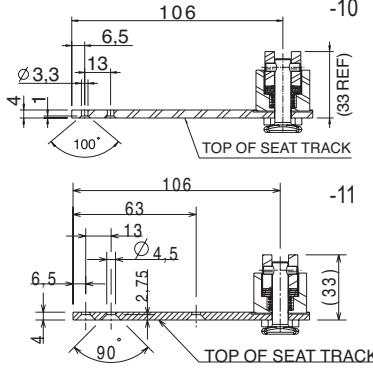

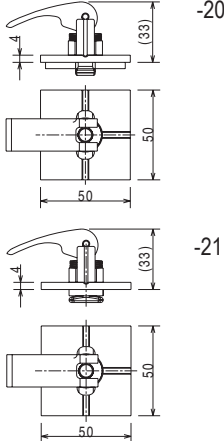

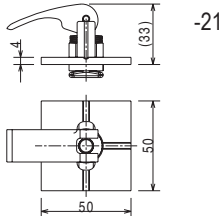

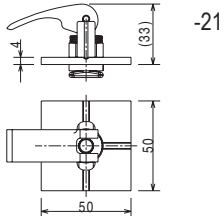

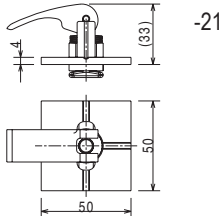
2.3 Panel and Stanchion Fittings

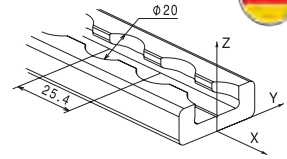
Panel and Stanchion Fittings · Quick Change

Gives you reliable and easy to lock and unlock connection for almost all applications.
Please ask our staff for adaptations and load specifications.


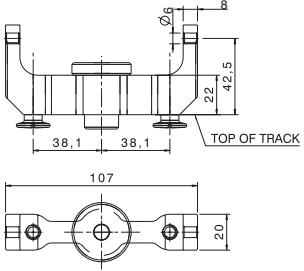

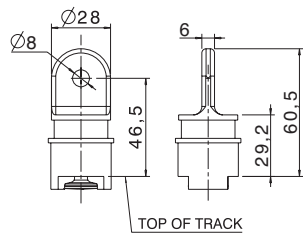

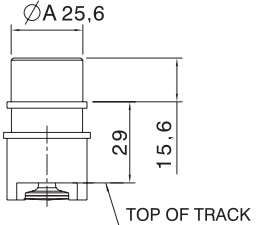
► Tool-less operation



	Description	Material	Weight	Order code
 	Triple Stud QC Fitting Triple stud fitting For stretchers and similar applications, tool-less operation	CRES and aluminium	172 grs.	110095-10
 	Single Stud QC Fitting Single stud fitting For lateral attachments, tool-less operation	CRES and aluminium	84 grs.	110099- -10
 	Single Stud QC Fitting Fitting with bracket, tool-less operation	CRES and aluminium	87 grs.	110088- -10
 	Single Stud QC Fitting Fitting with bracket, tool-less operation	CRES and aluminium	87 grs.	110088- -11
 	Single Stud QC Fitting Fitting with bracket, tool-less operation	CRES and aluminium	86 grs.	110099- -20
 	Single Stud QC Fitting Fitting with bracket, tool-less operation	CRES and aluminium	77 grs.	110088- -20
 	Single Stud QC Fitting Fitting with bracket, tool-less operation	CRES and aluminium	77 grs.	110088- -21



► Tool-less operation

	Description	Material	Weight	Order code
 	Double Stud QC Fitting Double stud fitting Quick connect / disconnect function (tool-less), plunger spring-loaded Ultimate load: * $F_x > 27.0 \text{ kN} / 6000 \text{ lbf}$ $F_y > 10.0 \text{ kN} / 2250 \text{ lbf}$ $F_z > 20.0 \text{ kN} / 4500 \text{ lbf}$	Body: aluminium, anodized Stud and plunger: CRES passivated	220 grs.	110068-10
 	Single Stud QC Flange Fitting Single stud flange fitting Quick connect / disconnect function (tool-less), plunger spring-loaded Ultimate load: * $F_x > 5.0 \text{ kN}$ $F_y > 5.0 \text{ kN}$ $F_z > 17.8 \text{ kN} / 4000 \text{ lbf}$	Body and stud: CRES passivated Retainer: aluminium, anodized	150 grs.	110059-10
 	Single Stud QC Tube Fitting Single stud tube fitting Quick connect / disconnect function (tool-less), plunger spring-loaded Ultimate load: * $F_x > 5.0 \text{ kN}$ $F_y > 5.0 \text{ kN}$ $F_z > 17.8 \text{ kN} / 4000 \text{ lbf}$	Body and stud: CRES passivated Retainer: aluminium, anodized	130 grs.	110065-10

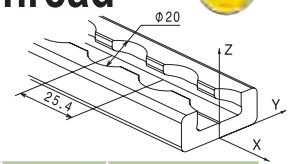
* when installed in heavy duty track according to AS33601 with appropriate fasteners, loads applied individually


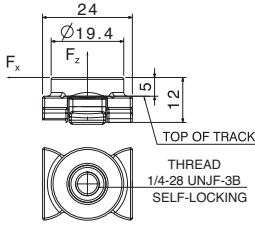

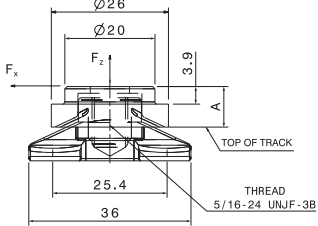

2.3 Panel and Stanchion Fittings

Panel and Stanchion Fittings · Female Inch Thread

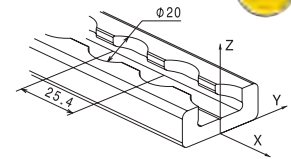
Compact and standardized design meets high load capacity and excellent corrosion resistance for all type of cabin installations.

► Female Thread


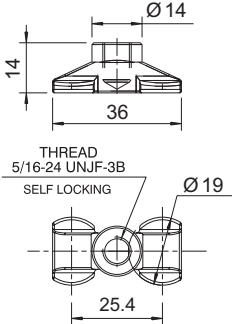

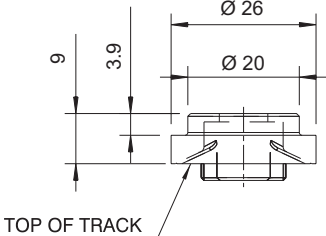

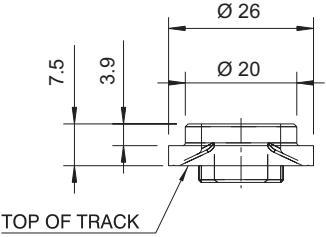



		Description	Material	Weight	Order code
Single Stud 1/4" F Fitting NLP					110057-10
		Single stud no loose parts Thread: 1/4-28 UNJF-3B (blind hole), self-locking (re-usable), Ultimate loads: * $F_x > 16.0 \text{ kN} / 3500 \text{ lbf}$ $F_y > 16.0 \text{ kN} / 3500 \text{ lbf}$ $F_z > 16.0 \text{ kN} / 3500 \text{ lbf}$	Fitting and retainer: CRES, cad-plated (other finish available upon request)	27 grs.	
Double Stud 5/16" F Fitting TL					110120 -
 zinc-plated	 self-locking thread	Double stud fitting Thread: 5/16-24 UNJF-3B (blind hole), self-locking (re-usable) Also available as no-loose-parts assembly Ultimate loads: * $F_x > 27.0 \text{ kN} / 6000 \text{ lbf}$ $F_y > 16.0 \text{ kN} / 3500 \text{ lbf}$ $F_z > 35.0 \text{ kN} / 8000 \text{ lbf}$	Fitting and retainer: CRES finish: see table		
 cad-plated + primer					
		A			
		9.0	thread-lock	cad-plated + primer	47 grs. -20
		7.5	thread-lock	cad-plated + primer	41 grs. -21
		9.0	thread-lock, no-loose-parts	zinc-plated	47 grs. -32
		7.5	thread-lock, no-loose-parts	zinc-plated	41 grs. -33
		9.0	thread-lock	zinc-plated	47 grs. -50
		7.5	thread-lock	zinc-plated	41 grs. -51

* when installed in heavy duty track according to AS33601 with appropriate fasteners, loads applied individually



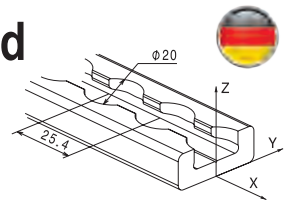
► according to AIRBUS standard

	Description	Material	Weight	Order code
 	Double Stud 5/16" F Fitting Double stud fitting Thread: 5/16-24 UNJF-3B (blind hole), self-locking (re-usable) Ultimate loads: * $F_x > 27.0 \text{ kN} / 6000 \text{ lbf}$ $F_y > 16.0 \text{ kN} / 7500 \text{ lbf}$ $F_z > 35.0 \text{ kN} / 8000 \text{ lbf}$ in conjunction with ABS1262C020 or C030	CRES, cad-plated + primer especially for use in wet area (galley, lavatory)	29 grs.	ABS1262F010
 	Spacer To be used with P/N ABS1262F010	CRES, cad-plated + primer	22 grs.	ABS1262C020
 	Spacer To be used with P/N ABS1262F010	CRES, cad-plated + primer	17 grs.	ABS1262C030
	Plastic Cap For thread 5/16 or M8 Protects thread from pollution and fixes retainer to fitting when placed in seat-track and before installation of the monument. Easy to install / remove.	Plastic, yellow	5 grs.	120166-10

* when installed in heavy duty track according to AS33601 with appropriate fasteners, loads applied individually

Panel and Stanchion Fittings · Inch Thread

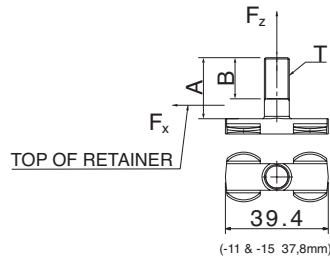
Standard fitting for medium and high loads for all type of cabin installations.



► Double Stud Fitting



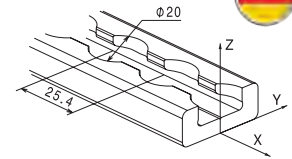
Double Stud Fitting




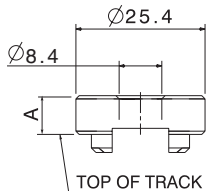
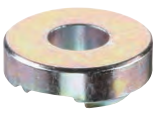
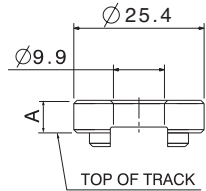
Description			Material	Weight	Order code
<p>Double stud fitting</p> <p>Thread:</p> <p>5/16-24 UNJF-3A</p> <p>Ultimate load: *</p> <p>$F_x > 24.0 \text{ kN} / 5400 \text{ lbf}$</p> <p>$F_y > 24.0 \text{ kN} / 5400 \text{ lbf}$</p> <p>$F_z > 28.9 \text{ kN} / 6500 \text{ lbf}$</p> <p>(when installed with retainer P/N 41 475, load point top of retainer)</p>			Forged steel, heat-treated and zinc-plated		40 361-
A	B	T			
50.8	19.1	5/16-24		42 grs.	-10
22.9	20.8	5/16-24		30 grs.	-11
27.2	19.1	5/16-24		32 grs.	-12
33.3	19.1	5/16-24		35 grs.	-13
45.7	19.1	5/16-24		40 grs.	-14
19.1	16.9	5/16-24		28 grs.	-15
32.5	30.4	5/16-24		34 grs.	-23
45.2	43.1	5/16-24		39 grs.	-25
23.9	11.2	5/16-24		31 grs.	-26
23.9	19.8	5/16-24		31 grs.	-27
31.8	12.7	5/16-24		34 grs.	-28
23.4	13.7	5/16-24		31 grs.	-38
50.8	48.7	5/16-24		42 grs.	-42
36.6	19.1	5/16-24		36 grs.	-58
<p>Double stud fitting</p> <p>Thread:</p> <p>3/8-24 UNJF-3A</p> <p>Ultimate load: *</p> <p>$F_x > 28.9 \text{ kN} / 6500 \text{ lbf}$</p> <p>$F_y > 28.9 \text{ kN} / 6500 \text{ lbf}$</p> <p>$F_z > 28.9 \text{ kN} / 6500 \text{ lbf}$</p> <p>(when installed with retainer P/N 43 356, load point top of retainer)</p>					
28.4	16.5	3/8-24		38 grs.	-16
23.4	15.8	3/8-24		35 grs.	-17
44.2	15.8	3/8-24		47 grs.	-18
36.6	15.8	3/8-24		42 grs.	-19
30.5	15.8	3/8-24		39 grs.	-20
25.9	20.6	3/8-24		36 grs.	-21
45.2	43.1	3/8-24		47 grs.	-22
64.3	62.2	3/8-24		58 grs.	-33
30.5	28.5	3/8-24		39 grs.	-34
44.2	22.4	3/8-24		47 grs.	-35
19.3	17.2	3/8-24		33 grs.	-36
19.6	9.7	3/8-24		33 grs.	-37
17.5	11.2	3/8-24		32 grs.	-39
56.1	54.0	3/8-24		53 grs.	-40
54.0	16.5	3/8-24		52 grs.	-47
24.6	22.5	3/8-24		36 grs.	-51

* when installed in heavy duty track according to AS33601 with appropriate fasteners, loads applied individually


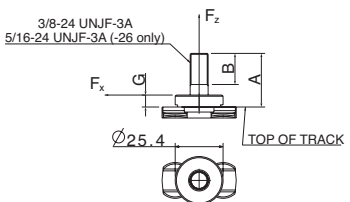
other dimensions upon request



► Retainer for Double Stud Fitting

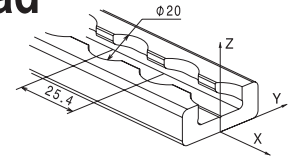
Description		Material	Weight	Order code
Retainer 5/16"				41 475-
 	For locking in track direction, to be used with fittings type 40 361 with thread 5/16"	Steel, zinc-plated		
	A			
	7.6		27 grs.	-10
	3.8		13 grs.	-11
Retainer 3/8"				43 356-
 	For locking in track direction, to be used with fittings type 40 361 with thread 3/8"	Steel, zinc-plated		
	A			
	6.4		20 grs.	-10
	3.8		12 grs.	-11
	4.3		15 grs.	-16

► Double Stud Fitting Assembly


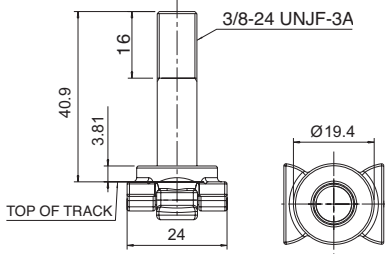

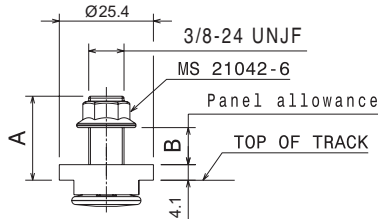

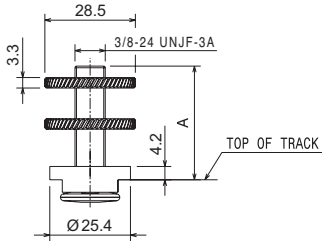




Description		Material	Weight	Order code
Double Stud Assy				40 191-
 	Double stud assembly Thread: 3/8-24 UNJF-3A Ultimate load: * $F_x > 28.9 \text{ kN} / 6500 \text{ lbf}$ $F_y > 28.9 \text{ kN} / 6500 \text{ lbf}$ $F_z > 28.9 \text{ kN} / 6500 \text{ lbf}$	Body: forged steel, heat-treated and zinc-plated Retainer: alloy steel, zinc-plated Other surface treatment available upon request		
A	B	G		
23.4	15.7	6.4	57 grs.	- 10
44.2	15.7	6.4	69 grs.	- 11
36.6	15.7	6.4	64 grs.	- 12
30.5	15.7	6.4	61 grs.	- 13
25.9	20.6	3.8	49 grs.	- 15
36.6	15.7	3.8	55 grs.	- 18
44.2	15.7	3.8	60 grs.	- 19
45.0	43.2	6.4	69 grs.	- 20
64.0	62.0	6.4	80 grs.	- 22
44.2	22.4	6.4	69 grs.	- 23
19.6	9.7	3.8	46 grs.	- 25
55.9	54.1	3.8	66 grs.	- 27
30.5	28.4	3.8	52 grs.	- 29
23.4	15.7	3.8	48 grs.	- 32
30.5	15.7	3.8	52 grs.	- 33
45.0	43.2	3.8	60 grs.	- 34
19.3	17.0	3.8	46 grs.	- 37
19.3	17.0	3.8	41 grs.	- 26
		Thread: 3/8-24 UNJF-3A Ultimate load: * $F_x > 24.0 \text{ kN} / 5400 \text{ lbf}$ $F_y > 24.0 \text{ kN} / 5400 \text{ lbf}$ $F_z > 28.9 \text{ kN} / 6500 \text{ lbf}$		

Panel and Stanchion Fittings · Inch Thread

Single Stud Assys for almost all applications – including corrosion protected surface.



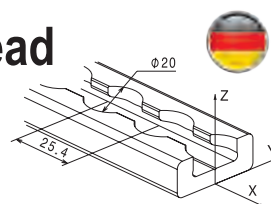
▶ Single Stud Fitting Assembly

	Description	Material	Weight	Order code										
	Single Stud 3/8" Assy NLP 	Single stud assembly no loose parts Thread: 3/8-24 UNJF-3A Ultimate loads: * $F_x > 16.0 \text{ kN} / 3500 \text{ lbf}$ $F_y > 16.0 \text{ kN} / 3500 \text{ lbf}$ $F_z > 16.0 \text{ kN} / 3500 \text{ lbf}$	Fitting and retainer: CRES, cad-plated (other finish available upon request)	46 grs.										
				110067-10										
	Single Stud 3/8" Assy with Nut 	Single stud assembly anti-rotating Thread: 3/8-24 UNJF Ultimate loads: * $F_x > 17.8 \text{ kN} / 4000 \text{ lbf}$ $F_y > 17.8 \text{ kN} / 4000 \text{ lbf}$ $F_z > 17.8 \text{ kN} / 4000 \text{ lbf}$	Stud and retainer: steel, heat-treated Finish: zinc-plated	40 351 -										
	<table><thead><tr><th>A</th><th>B</th></tr></thead><tbody><tr><td>19.3</td><td>6.0</td></tr><tr><td>22.9</td><td>10.0</td></tr><tr><td>34.3</td><td>21.0</td></tr><tr><td>38.1</td><td>25.0</td></tr></tbody></table>	A	B	19.3	6.0	22.9	10.0	34.3	21.0	38.1	25.0			
A	B													
19.3	6.0													
22.9	10.0													
34.3	21.0													
38.1	25.0													
			69 grs.	- 10										
			71 grs.	- 11										
			78 grs.	- 12										
			80 grs.	- 13										
	Single Stud 3/8" Assy with Knurled Nut 	Single stud assembly anti-rotating, supplied with knurled or hex nut Thread: 3/8-24 UNJF-3A Ultimate loads: * $F_x > 17.8 \text{ kN} / 4000 \text{ lbf}$ $F_y > 17.8 \text{ kN} / 4000 \text{ lbf}$ $F_z > 17.8 \text{ kN} / 4000 \text{ lbf}$	Stud and retainer: steel, heat-treated Finish: zinc-plated	40 073 -										
	<table><thead><tr><th>A</th></tr></thead><tbody><tr><td>16.9</td></tr><tr><td>24.2</td></tr><tr><td>29.6</td></tr><tr><td>36.0</td></tr><tr><td>26.3</td></tr></tbody></table>	A	16.9	24.2	29.6	36.0	26.3							
A														
16.9														
24.2														
29.6														
36.0														
26.3														
			51 grs.	- 10										
			57 grs.	- 11										
			76 grs.	- 12										
			81 grs.	- 13										
			55 grs.	- 31										
 	Self Locking Nut 5/16" acc. MS 21042-5		4 grs.	MS 21042-5										
 	Self Locking Nut 3/8" acc. MS 21042-6		5 grs.	MS 21042-6										


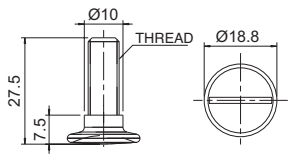

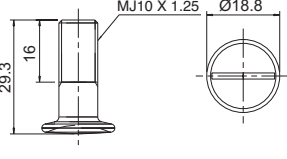

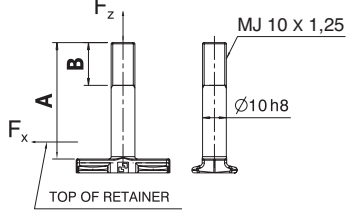

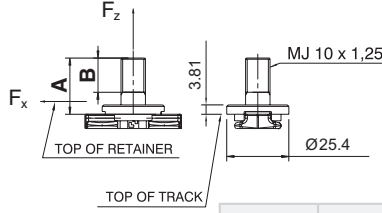

* when installed in heavy duty track according to AS33601 with appropriate fasteners, loads applied individually

Panel and Stanchion Fittings · Metric Thread

Combining intelligent surface with metric thread – ideal for A400M and NH90.



► Single- and Double Stud Fittings

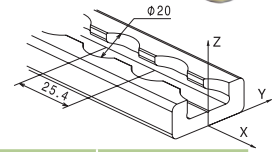
	Description	Material	Weight	Order code											
	Single Stud MJ8x1 / MJ8x1.25 Fitting			120107 -											
	 <p>Single stud fitting Thread: -10: MJ8x1.25 -11: MJ8x1 Ultimate load: * $F_z > 17.8 \text{ kN} / 4000 \text{ lbf}$</p>	CRES, passivated	17 grs.	-10 -11											
	Single Stud MJ10 Fitting			120108 -10											
	 <p>Single stud fitting Thread: MJ10x1.25 Ultimate load: * $F_z > 17.8 \text{ kN} / 4000 \text{ lbf}$</p>	CRES, passivated	22 grs.												
	Double Stud MJ10 Fitting			120160 -											
	 <table><thead><tr><th>A</th><th>B</th></tr></thead><tbody><tr><td>23.0</td><td>14.0</td></tr><tr><td>29.0</td><td>13.0</td></tr><tr><td>29.0</td><td>27.0</td></tr><tr><td>49.0</td><td>18.0</td></tr><tr><td>36.0</td><td>14.0</td></tr></tbody></table> <p>Double stud fitting Thread: MJ10x1.25 Ultimate load: * $F_x > 29.5 \text{ kN} / 6640 \text{ lbf}$ $F_y > 29.5 \text{ kN} / 6640 \text{ lbf}$ $F_z > 29.5 \text{ kN} / 6640 \text{ lbf}$ (when installed with retainer P/N 120161-10, load point top of retainer)</p>	A	B	23.0	14.0	29.0	13.0	29.0	27.0	49.0	18.0	36.0	14.0	Stud steel forging, heat-treated and zinc-plated	
A	B														
23.0	14.0														
29.0	13.0														
29.0	27.0														
49.0	18.0														
36.0	14.0														
	Double Stud MJ10 Assy			110066 -											
	 <table><thead><tr><th>A</th><th>B</th></tr></thead><tbody><tr><td>23.0</td><td>14.0</td></tr><tr><td>29.0</td><td>13.0</td></tr><tr><td>29.0</td><td>27.0</td></tr><tr><td>49.0</td><td>18.0</td></tr><tr><td>36.0</td><td>14.0</td></tr></tbody></table> <p>Double stud assembly Thread: MJ10x1.25 Ultimate load: * $F_x > 29.5 \text{ kN} / 6640 \text{ lbf}$ $F_y > 29.5 \text{ kN} / 6640 \text{ lbf}$ $F_z > 29.5 \text{ kN} / 6640 \text{ lbf}$ (load point top of retainer)</p>	A	B	23.0	14.0	29.0	13.0	29.0	27.0	49.0	18.0	36.0	14.0	Stud steel forging, heat treated and zinc plated, retainer alloy steel, zinc plated	
A	B														
23.0	14.0														
29.0	13.0														
29.0	27.0														
49.0	18.0														
36.0	14.0														
	Nut Hexagon MJ10			EN3536 -100											
	Self-locking nut to be used with thread MJ10x1.25		6 grs.												

* when installed in heavy duty track according to AS33601 with appropriate fasteners, loads applied individually


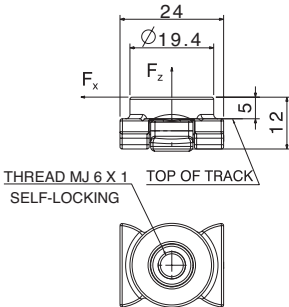

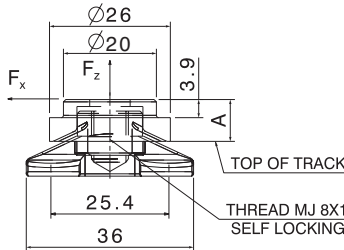
Panel and Stanchion Fittings · Female Metric Thread



Compact and standardized design meets high load capacity and excellent corrosion resistance for all cabin installations.



► Single- and Double Stud Assemblies

	Description	Material	Weight	Order code										
<div><div><div>NEW!</div></div><div></div></div>	Single Stud MJ6 F NLP Assy Single stud assembly Thread: MJ6x1 (blind hole), self-locking (re-usable), no loose parts Ultimate loads: * $F_x > 16.0 \text{ kN} / 3500 \text{ lbf}$ $F_y > 16.0 \text{ kN} / 3500 \text{ lbf}$ $F_z > 16.0 \text{ kN} / 3500 \text{ lbf}$	Fitting and retainer: CRES, zinc-plated	27 grs.	110188-10										
<div><div></div><div></div></div>	Double Stud MJ8 F TL Assy Double stud assembly Thread: MJ8x1 (blind hole), self-locking (re-usable) Ultimate loads: * $F_x > 27.0 \text{ kN} / 6000 \text{ lbf}$ $F_y > 16.0 \text{ kN} / 3500 \text{ lbf}$ $F_z > 35.0 \text{ kN} / 8000 \text{ lbf}$	Body and retainer: CRES finish: see table	13 grs.	110189-										
	<table><tr><th>A</th><th></th></tr><tr><td>9.0</td><td>thread-lock, no-loose-parts</td></tr><tr><td>7.5</td><td>thread-lock, no-loose-parts</td></tr><tr><td>9.0</td><td>thread-lock</td></tr><tr><td>7.5</td><td>thread-lock</td></tr></table>	A		9.0	thread-lock, no-loose-parts	7.5	thread-lock, no-loose-parts	9.0	thread-lock	7.5	thread-lock			
A														
9.0	thread-lock, no-loose-parts													
7.5	thread-lock, no-loose-parts													
9.0	thread-lock													
7.5	thread-lock													
	zinc-plated	47 grs.	-32											
	zinc-plated	41 grs.	-33											
	zinc-plated	47 grs.	-50											
	zinc-plated	41 grs.	-51											

* when installed in heavy duty track according to AS33601 with appropriate fasteners, loads applied individually