

RETAINER EXPRESS

WHEN RETAINERS ARE REQUIRED...FAST!



GET "EXPRESS" SERVICE ON YOUR RETAINERS, AVAILABLE FOR SHIPPING WITHIN 4 WEEKS

Retainer Express service provides rapid delivery turnarounds in a matter of weeks. Featuring our most popular models, including shafted and shaftless, three segment and five segment designs – all with various finishes, options and lengths available, we likely have a retainer to meet your individual requirements.

KEY FEATURES

- **4 Week Lead Time** for quantities less than 1000 (500 for the L260 and LE260); plus 2 weeks for first time builds
- **16 series of CARD-LOK™- and WEDGE-LOK™** eligible
- **Shafted or shaftless models** available
- **Three or five segments** available
- **Multiple finish options available**, including gold or clear chem film, black or hard black anodized, hard black with dry film, nickel or electroless nickel
- **Various lengths** to accommodate diverse applications, including shafted up to 13-in. and shaftless up to 7-in.
- **Optional features** include the addition of visual indicators, lock and flat washers, a lock nut, lock patch or captive screw
- **First article inspection (FAI)** plus 1 week
- **Source inspection** (includes FAI) plus 2 weeks

APPLICATIONS INCLUDE:

- Telecommunications
- Security and defense
- Test and measurement
- Medical
- Aerospace
- Industrial automation

Schroff®

DESIGN WITH CONFIDENCE™

RETAINER EXPRESS

SELECTING YOUR SOLUTION

To select the appropriate retainer for your application, follow these easy steps:

1. Determine retainer model; each model has different features and dimensions
2. Select your preferred mounting option
3. Identify the finish
4. Customize your CARD-LOK or WEDGE-LOK with additional performance options

Schroff retainers are designed to provide secure, reliable protection to printed circuit boards (PCBs). With a wide range of configurations available, Schroff retainers ensure a complete protection solution for diverse applications, including cold wall and sheet metal designs.



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SELECTING YOUR SOLUTION

1. SELECT YOUR MODEL

Brand	Model	Actuation	Segments	Design	Profile (W" x H")	Min Length	Max Length
Calmark	260	Screw	5	Shafted	.250 x .270	2.15"	7.00"
Calmark	263	Screw	5	Shafted	.250 x .293	2.15"	7.00"
Calmark	265	Screw	5	Shafted	.225 x .230	2.15"	7.00"
Calmark	267	Screw	5	Shafted	.250 x .197	2.15"	7.00"
Calmark	280	Screw	5	Shafted	.365 x .380	2.40"	7.00"
Birtcher	40-5	Screw	5	Shaftless	.225 x .260	5.00"	12.99"
Birtcher	42-5	Screw	5	Shaftless	.225 x .225	5.00"	12.99"
Calmark	231	Screw	5	Shaftless	.220 x .225	4.80"	12.99"
Calmark	236	Screw	5	Shaftless	.230 x .288	5.80"	12.99"
Calmark	261	Screw	3	Shafted	.250 x .270	2.15"	7.00"
Calmark	264	Screw	3	Shafted	.250 x .293	2.15"	7.00"
Calmark	281	Screw	3	Shafted	.365 x .380	2.40"	7.00"
Birtcher	40	Screw	3	Shaftless	.225 x .260	2.00"	12.99"
Birtcher	42	Screw	3	Shaftless	.225 x .225	2.00"	12.99"
Calmark	266	Screw	3	Shafted	.225 x .230	2.15"	7.00"
Birtcher	41	Screw	3	Shaftless	.240 x .180	2.00"	12.99"
Calmark	225	Screw	3	Shaftless	.225 x .270	2.15"	12.99"
Calmark	230	Screw	3	Shaftless	.220 x .225	2.15"	12.99"
Calmark	240	Screw	3	Shaftless	.240 x .180	2.15"	12.99"
Calmark	L260	Lever	5	Shafted	.250 x .270	2.15"	7.00"
Calmark	LE260	Lever	5	Shafted	.250 x .270	2.15"	7.00"

2. SELECT YOUR MOUNTING OPTION

Brand	Model	No Mounting Holes	Ø.068/.073 hole thru c'sink 100° x .60 deep	Ø.067 hole thru c'sink 100° x Ø.140 c'bore Ø.156 x .165 deep	Ø.134/.139 hole thru c'sink 60° x Ø.150	0-80 Tapped Hole	2-56 Tapped Hole	4-40 Tapped Hole	M2 x 0.40 Tapped Hole	M2.5 x 0.45 Tapped Hole	M3 x 0.50 Tapped Hole	Indexing Pins 0.062 x 0.040
Calmark	260		•			•	•		•	•		
Calmark	263		•			•	•		•	•		
Calmark	265		•			•	•		•	•		
Calmark	267		•			•	•		•	•		
Calmark	280				•			•			•	
Birtcher	40-5	•		•		•	•		•	•		•
Birtcher	42-5	•		•		•	•		•	•		•
Calmark	231	•		•		•	•		•	•		
Calmark	236	•				•	•		•	•		
Calmark	261		•			•	•		•	•		
Calmark	264		•			•	•		•	•		
Calmark	281				•			•			•	
Birtcher	40	•		•		•	•		•	•		•
Birtcher	42	•		•		•	•		•	•		•
Calmark	266		•			•	•		•	•		
Birtcher	41	•		•		•	•		•	•		•
Calmark	225	•		•		•	•		•	•		
Calmark	230	•		•		•	•		•	•		
Calmark	240	•		•		•	•		•	•		
Calmark	L260						•		•	•		
Calmark	LE260					•	•		•	•		

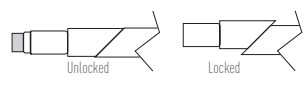
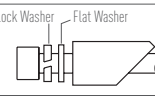
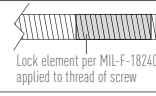
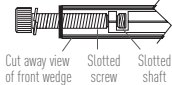
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3. SELECT YOUR FINISH

Brand	Model	Gold Chem Film (MIL-C-5541)	Clear Chem Film (MIL-C-5541)	Black Anodize (MIL-A-8625, Type II, Class 2)	Hard Black Anodize (MIL-A-8625, Type III, Class 2)	Hard Black Anodize with Dry Film Lube (MIL-L46010)	Nickel Plate (QQ-N 290, Class 1, Grade G, Bright)	Electroess Nickel (MIL-C-26074, Class 4, Grade B, Bright)
Birtcher	Wedge Loks (All)	•	•	•	•	•	•	•
Calmark	Card Loks (All)	•	•	•		•	•	
Calmark	Lever Loks (L260 & LE260)					•		

4. SELECT YOUR OPTIONAL FEATURES

Brand	Model	Visual Indicator	Lock Washer/ Flat Washer	Lock Patch	Captive Screw	Lock Nut	Stainless Steel Lock Nut
Calmark	260	•		•	•		
Calmark	263	•		•	•		
Calmark	265	•		•	•		
Calmark	267	•		•	•		
Calmark	280	•		•	•		
Birtcher	40-5	•	•	•		•	
Birtcher	42-5	•	•	•		•	
Calmark	231	•	•	•	•	•	
Calmark	236						
Calmark	261	•		•	•		
Calmark	264	•		•	•		•
Calmark	281	•		•	•		
Birtcher	40	•	•	•		•	
Birtcher	42	•	•	•		•	
Calmark	266	•		•	•		
Birtcher	41		•			•	
Calmark	225	•	•	•	•	•	
Calmark	230	•	•	•	•	•	•
Calmark	240		•	•		•	
Calmark	L260						
Calmark	LE260						

Option	Description	Image
Visual Indicator	Visual indication of when the unit is locked.	
Lock Washer/ Flat Washer	Added resistance to loosening from shock and vibration.	
Lock Patch	Lock tight locking element applied to the thread of the screw to provides further resistance to loosening from shock and vibration.	
Captive Screw	Slotted screw and slotted shaft to prevent unintentional disassembly of screw from rear wedge.	
Lock Nut	Reduces the possibility of unintentional disassembly of the screw from rear wedge. If the customer requires stainless steel, a "CR" suffix is available with some models.	