QUICK RELEASE PINS & ACCESSORIES

Quick Release Ball Lock Pins
Detent Style
Industrial Grade

These quick release ball lock pins provide high pull out force and are used for applications that do not require a positive locking ball feature. They have a no button/spindle feature required to be pressed for a pin release.
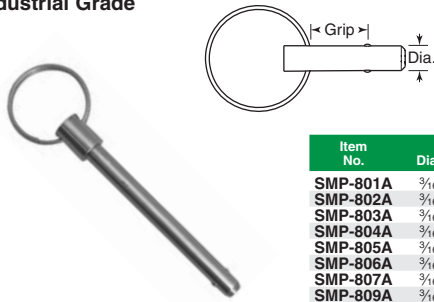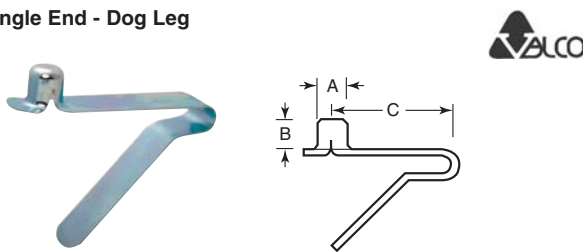
Item No.	Dia.	Grip	Pack Qty.
SMP-801A	³⁄₁₆	½	1
SMP-802A	³⁄₁₆	¾	1
SMP-803A	³⁄₁₆	1	1
SMP-804A	³⁄₁₆	1¼	1
SMP-805A	³⁄₁₆	1½	1
SMP-806A	³⁄₁₆	1¾	1
SMP-807A	³⁄₁₆	2	1
SMP-809A	³⁄₁₆	2½	1
SMP-811A	³⁄₁₆	3	1
SMP-813A	¼	½	1
SMP-814A	¼	¾	1
SMP-816A	¼	1¼	1
SMP-817A	¼	1½	1
SMP-818A	¼	1¾	1
SMP-819A	¼	2	1
SMP-821A	¼	2½	1
SMP-823A	¼	3	1
SMP-827A	¼	4	1
SMP-830A	⁵⁄₁₆	¾	1
SMP-831A	⁵⁄₁₆	1	1
SMP-833A	⁵⁄₁₆	1½	1
SMP-839A	⁵⁄₁₆	3	1
SMP-846A	⁵⁄₁₆	¾	1
SMP-850A	⅜	1	1
SMP-866A	½	1	1
SMP-869A	½	1¾	1
SMP-872A	½	2.5	1

Recessed Style

Item No.	Dia.	Grip	Pack Qty.	Item No.	Dia.	Grip	Pack Qty.
SMP-400A	³⁄₁₆	½	1	SMP-515A	⁵⁄₁₆	4	1
SMP-405A	³⁄₁₆	¾	1	SMP-516A	⁵⁄₁₆	5	1
SMP-410A	³⁄₁₆	1	1	SMP-519A	⅜	½	1
SMP-415A	³⁄₁₆	1¼	1	SMP-520A	⅜	¾	1
SMP-420A	³⁄₁₆	1½	1	SMP-525A	⅜	1	1
SMP-421A	³⁄₁₆	1¾	1	SMP-530A	⅜	1¼	1
SMP-425A	³⁄₁₆	2	1	SMP-535A	⅜	1½	1
SMP-427A	³⁄₁₆	2½	1	SMP-536A	⅜	1¾	1
SMP-435A	¼	½	1	SMP-540A	⅜	2	1
SMP-440A	¼	¾	1	SMP-541A	⅜	2¼	1
SMP-445A	¼	1	1	SMP-542A	⅜	5	1
SMP-450A	¼	1¼	1	SMP-543A	⅜	6	1
SMP-455A	¼	1½	1	SMP-545A	⅜	2½	1
SMP-460A	¼	1¾	1	SMP-550A	⅜	3	1
SMP-465A	¼	2	1	SMP-561A	½	½	1
SMP-470A	¼	2½	1	SMP-562A	½	¾	1
SMP-475A	¼	3	1	SMP-563A	½	1	1
SMP-484A	⁵⁄₁₆	½	1	SMP-564A	½	1¼	1
SMP-485A	⁵⁄₁₆	¾	1	SMP-565A	½	1½	1
SMP-490A	⁵⁄₁₆	1	1	SMP-566A	½	1¾	1
SMP-495A	⁵⁄₁₆	1¼	1	SMP-570A	½	2	1
SMP-500A	⁵⁄₁₆	1½	1	SMP-575A	½	2½	1
SMP-505A	⁵⁄₁₆	2	1	SMP-585A	½	4	1
SMP-507A	⁵⁄₁₆	2½	1	SMP-592A	½	5	1
SMP-510A	⁵⁄₁₆	3	1	SMP-593A	½	6	1

Bead Chain

Stainless steel chain with ³⁄₁₆" ID terminals at each end.

Item No.	Lgth.	Pack Qty.
FPB-3	3	1
FPB-4	4	1
FPB-6	6	1
FPB-8	8	1
FPB-12	12	1

Split Ring

Steel rings are made from hard drawn wire, zinc plated. Stainless are type 316.

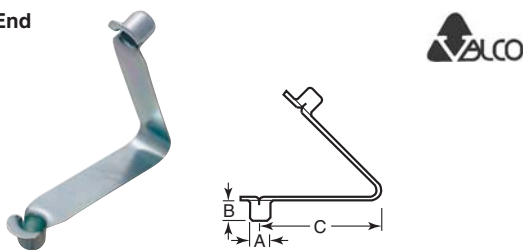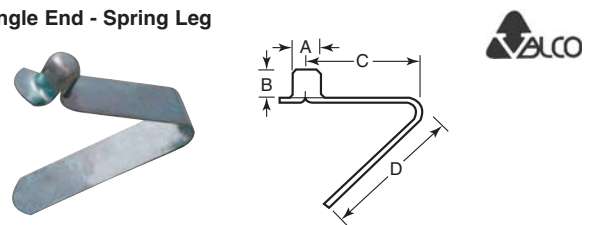| Steel Item No.	Stainless Item No.	Wire Dia.	ID	OD	Pack Qty.
SRH-10	SRH-110	.070	.930	1.076	1
SRH-20	SRH-120	.090	1.160	1.340	1
SRH-30	SRH-130	.105	1.395	1.605	1

Fasteners for telescoping tubing help reduce assembly time while improving your product. Eliminates the need for rivets and screws. Quickly snap into place in round or square tubing. Snap buttons are made from 1050 spring steel, heat treated and .0002" zinc plated minimum.

Single End - Dog Leg

Item No.	A	B	Material Size Thickness	Material Size Width	C	Use With Tubing Round	Use With Tubing Square	Pack Qty.
VA-2160	.365	.37	.025	.510	1.80	.60 - 1.12	.52 - 1.12	1

Single End - Spring Leg

Item No.	A	B	Material Size Thickness	Material Size Width	C	D	Use With Tubing Round	Use With Tubing Square	Pack Qty.
VA-1130	.250	.28	.018	.365	1.17	1.45	.45 - .87	.42 - .87	1
VA-1140	.302	.37	.020	.440	1.65	1.91	.59 - 1.25	.49 - 1.25	1
VA-1161	.365	.37	.025	.510	1.81	2.13	.68 - 1.37	.52 - 1.37	1

Double End

Item No.	A	B	Material Size Thickness	Material Size Width	C	Use With Tubing Round	Use With Tubing Square	Pack Qty.
VA-4131	.250	.28	.018	.365	1.52	.62 - .87	.62 - .87	1
VA-4150	.312	.37	.020	.440	2.05	.82 - 1.12	.82 - 1.12	1
VA-4182	.375	.44	.025	.530	2.82	1.00 - 1.87	1.00 - 1.87	1

Flat Type
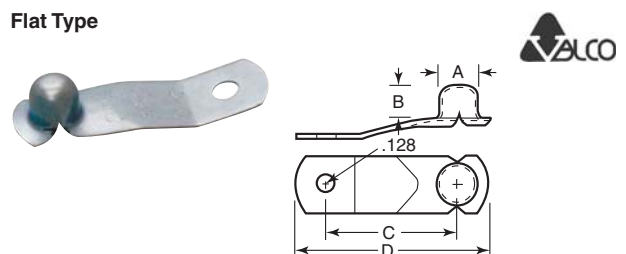
Item No.	A	B	Material Size Thickness	Material Size Width	Hole Dia.	C	D	Pack Qty.
VA-6130	.250	.21	.018	.365	.128	.84	1.25	1

Note: Overall length D is for flat position.

Lanyards

Style A

Style B

Style C

Style D

.20
.50
1.25
Style A

.210
Style C and D
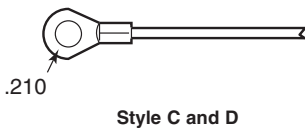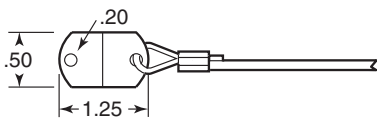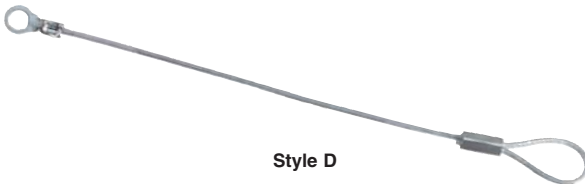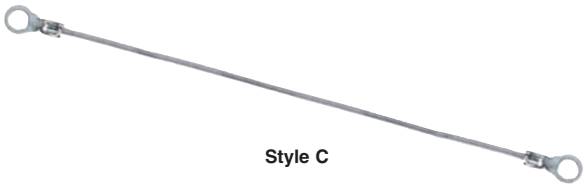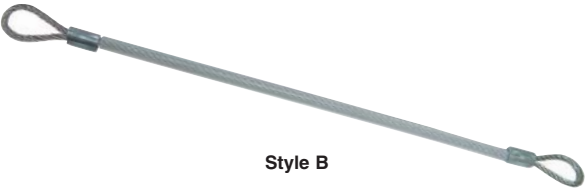
These lanyards have a wide variety of uses for attaching pins and small parts. Style A and B are stainless steel cable with nylon coating to ⅛". Tab on Style A is stainless. Style C and D are galvanized steel with nylon coating to 1/16".

Style A Item No.	Style B Item No.	Style C Item No.	Style D Item No.	Lgth.	Pack Qty.
FPC-6	FPC-6N	FPC-105	FPC-205	6	1
FPC-8	FPC-8N	FPC-110	FPC-210	8	1
FPC-10	FPC-10N	FPC-115	FPC-215	10	1
FPC-12	FPC-12N	FPC-120	FPC-220	12	1
—	PNC-1*	—	—	12	1
FPC-18	FPC-18N	FPC-125	FPC-225	18	1
FPC-24	FPC-24N	FPC-130	FPC-230	24	1
FPC-1	—	—	—	Tab Only	1

*PNC-1 is 12" cut length. Cable is 1/16 diameter, and made of galvanized steel. Cable is uncrimped on one end for custom installation.

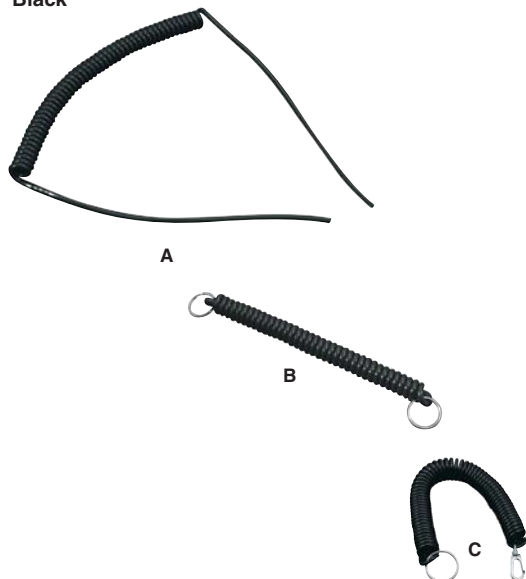## Bulk Lanyards Polyurethane Assorted Colors

Tool tethers are made from Fre-Thane, a high-quality ether-based polyurethane. This abrasion resistant material is highly flexible and has excellent memory. Fre-Thane will stretch and flex but will return to its original shape, even after continuous use. Bulk lanyards have no hardware fittings or looped ends.

Item No.	O.D. (in.)	Retracted Length (in.)	Working Length (ft.)	Color	Pack Qty.
FLWC-25	.080	27	22	Clear	1
FLWC-30	.080	27	20	Black	1
FLWC-35	.090	27	18.5	Black	1
FLWC-40	.090	27	18.5	Clear	1
FLWC-45	.090	27	18.5	White	1
FLWC-50	.115	27	15.75	Black	1
FLWC-55	.115	27	15.75	Silver	1
FLWC-60	.115	27	15.75	Red	1
FLWC-65	.115	27	15.75	Green	1
FLWC-70	.115	27	15.75	Blue	1
FLWC-75	.115	27	15.75	Yellow	1
FLWC-80	.115	27	15.75	Orange	1
FLWC-85	.115	27	15.75	Clear	1
FLWC-90	.115	27	15.75	White	1
FLWC-95	.115	27	15.75	Purple	1
FLWC-105	.187	30	15.75	Black	1
FLWC-100	.156	30	28	Black	1

Tool Lanyards Polyurethane Black

A

B

C

These tool lanyards are made from Fre-Thane, a high-quality ether-based polyurethane. This abrasion resistant material is highly flexible and has excellent memory. The tethers will stretch and flex but will return to its original shape, even after continuous use. Available in black only.

- Style A comes with 4.5" perpendicular tails on each end and no hardware.
- Style B comes with a ¾" split ring on each end.
- Style C comes with a 1" split ring on one end and a snap swivel on the other.

Item No.	Style	O.D. (in.)	Retracted Length (in.)	Working Length (ft.)	Pack Qty.
FLWC-15	A	.115	6	3.8	1
FLWC-20	B	.178	3.2	3.2	1
FLWC-10	C	.156	10	8.2	1

TOOL OR KEY RETRACTORS, LANYARDS & LANYARD KITS

24" Retractor
Stainless Steel Chain

KEY-BAK. *THE BEST... SINCE 1948*

WCC
WEST COAST CORPORATION

24" stainless steel chain. 1⅛" I.D. split ring and 8-10 ounces of retraction force. Will hold up to 15 keys or other small tools. Pocket watch size and lightweight 2½ oz. Textured chrome case.

Item No.	Description	Pack Qty.
KG-5	Tool or Key Retractor W/Standard Clip	1

24" Chuck Key Retractor
Stainless Steel Chain

KEY-BAK. *THE BEST... SINCE 1948*

WCC
WEST COAST CORPORATION

Chuck key retractor. 24" stainless steel chain. Holds a chuck key or other small tool 8-10 ounces to prevent loss or misplacement. Mounts to surface with two threaded ⁵⁄₃₂" screws (not included). Textured chrome case.

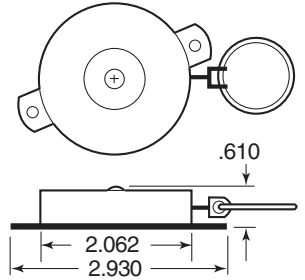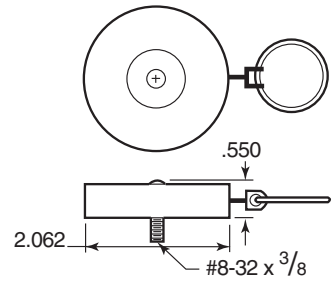| Item No.	Description	Pack Qty.
KG-7	Tool or Key Retractor W/Mounting Bracket	1

Lanyard Assembly Kits

Using miniature stainless cable, you can make your own lanyards, cable assemblies, control cable etc. Each kit contains two sizes of nylon coated stainless steel cable, 15 loop sleeves, 15 ball plugs, 30 threaded plugs and a crimping tool. It is recommended that all assemblies be tested for strength before use.

Item No.	Wire Dia.	Coating O.D.	Strand	Length (Feet)	Pack Qty.
CBL-8020	.036 & .036	.044 & .046	7 x 7 & 7 x 19	25 & 25	1
CBL-8025	³⁄₆₄ & ³⁄₆₄	¹⁄₁₆ & ¹⁄₁₆	7 x 7 & 7 x 19	15 & 15	1

48 Inch Retractor
Stainless Steel Cable or Kevlar® Cord

KEY-BAK. *THE BEST... SINCE 1948*

WCC
WEST COAST CORPORATION

.610
2.062
2.930

Retractor w/Mounting Bracket

.550
2.062
#8-32 x ³⁄₈

Retractor w/Threaded Stud

48 inch nylon covered stainless steel cable. 8-10 ounces of retractor force. Includes 1⅛ inch diameter split ring for holding keys or gauges. Available with mounting bracket, threaded stud or belt clip. Textured chrome case.

Item No.	Description	Pack Qty.
KG-1	Tool or key retractor w/mounting bracket	1
KG-2	Tool or key retractor w/Kevlar™ Cord and belt clip	1
KG-3	Tool or key retractor w/threaded stud	1

Nylon Lanyards

A one-piece, molded retainer designed for light duty retention. A customer assembled loop is used with a fastener. Made from 100% ⅝ nylon in ultraviolet stabilized black.

Item No.	Eyelet ID	Assembled Length (In.)	Pack Qty.
PPL-226	.260	10	1

ABE
Above Board Electronics, Inc.

Request Info
1-800-453-1692
www.aboveboardelectronics.com

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