

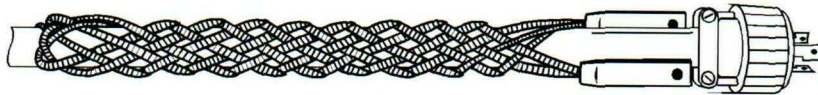
I Grips

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I Grips are used to secure plug bodies and provide strain relief and arc of bend control. Constructed of galvanized steel mesh, these grips are designed for indoor use.

Also available in stainless steel.

Cable Range	Catalog Numbers	Description	Length	
			Eye	Mesh
.32- .43	7310-001	1-032	1 1/2"	4
.43- .56	7310-002	1-043	1 1/4"	4 ^{3/4}
.56- .73	7310-003	1-056	1 1/2 "	6
.73- .85	7310-004	1-073	1 'A	6/2
.85-1.00	7310-005	1-085	1 1/2 "	8
1.00-1.25	7310-006	1-100	1 1/2 "	10



Wide Range Strain Relief Grips

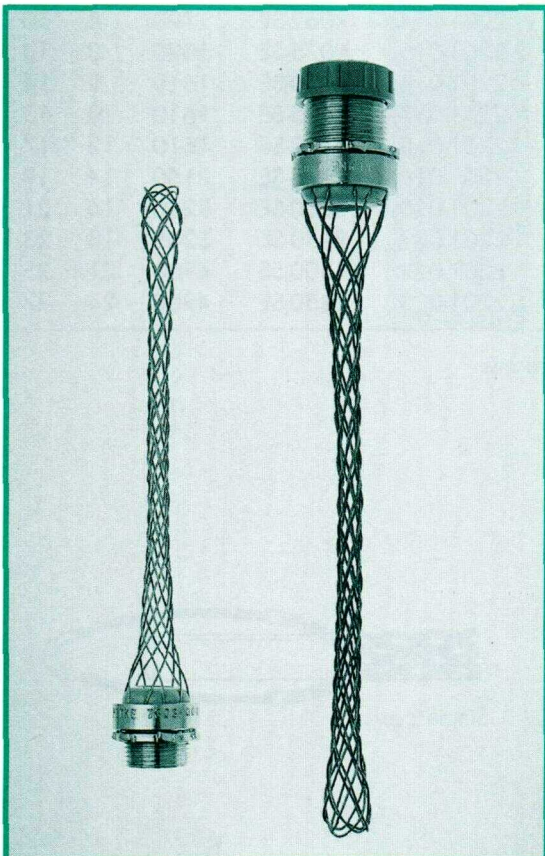
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Strain Relief Grips are used on cable to prevent pull-out, damage resulting from flexing and to control arc of bend.

Grips are made with a single weave, galvanized steel mesh and aluminum fittings. A gasket is used to provide a seal from dust, filings and other foreign material.

Cable Range	Catalog Numbers	Description	Fitting Thread Size	Mesh Length
Non-Insulated—NPT Thread				
.22- .32	7303-001	SR-022	1/2"	3 1/4
.30- .43	7303-002	SR-030	1/2"	3 1/4
.40- .54	7303-003	SR-040	1/2"	4 ^{3/4}
.52- .73	7303-004	SR-052	3/4"	5 3/4
.70- .97	7303-005	SR-070	1"	7"
.94-1.25	7303-006	SR-094	1 1/2"	9"
Insulating Bushing — NFS Thread				
.22- .32	7303-008	SRP-022	1/2"	3 1/4
.30- .43	7303-009	SRP-030	1/2"	3 1/4
.40- .54	7303-010	SRP-040	1/2"	4 3/4
.52- .73	7303-011	SRP-052	3/4"	5 3/4
.70- .97	7303-012	SRP-070	1"	7
.94-1.25	7303-013	SRP-094	1 1/4"	9
1.20-1.50	7303-014	SRP-120	1 1/2"	11 1/4
1.50-1.70	7303-015	SRP-140	2"	13 1/4
1.70-2.00	7303-016	SRP-162	2 1/2"	13 1/2
2.00-2.45	7303-017	SRP-200	2 1/2"	13 3/4

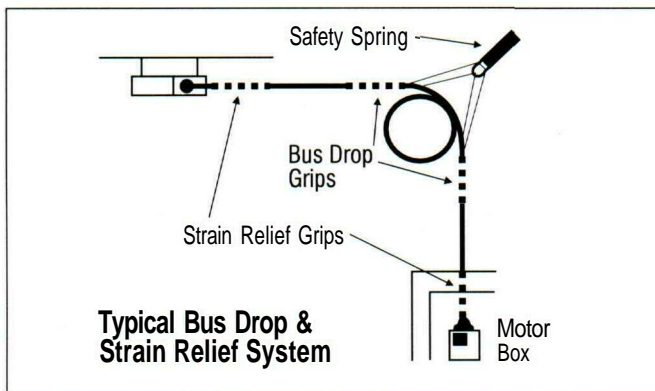
Add suffix -A after catalog number for insulated bushing.



bending of the cable. They are used primarily where flexible cable connects electrical equipment to bus duct. They are also used to support or restrain air hose and water hose.

Double Bus Drop Grips store excess cable neatly.

Bus Drop Grips with Safety Springs and Strain Relief Grips can provide a complete flexible cord system which adapts to any layout. The Strain Relief Grips relieve the strain on the terminals. The Bus Drop Grips provide positive permanent support which, unlike rigid conduit systems, can be adjusted instantly if equipment is repositioned. Almost any system can be installed quickly even in cases where equipment and bus duct are distantly located or awkwardly positioned.



Material

The standard mesh material is galvanized steel which has high tensile strength and corrosion resistance (more than adequate for most indoor applications).

Optional stainless steel grips are available.

All Bus Drop Grips are "Wide Range" (to accept more cable per size) with strand equalizers which uniformly distribute compressive force over a large area of the cable for maximum gripping strength with minimum concentration of force without pinching the cable.

Features/Benefits

- Few Grips are needed to fit many cable sizes.
- Readily installed, adjusted, repositioned, removed or reused which saves time and money when relocating plant wiring or machines.
- Easily attached to both open and closed end structures.
- Automatically adjust their gripping to hold the required load.
- No special installer skill or special tools required.
- Increases safety to personnel working in the application area.

Working Load/Safety Factor

This is an abbreviated version of the more detailed information on catalog page 28. The approximate breaking strength of the Remke grip represents an average calculation based on test factors which have been determined in our engineering labs using NEW grips and metal rods. As a rule of thumb the working load may be considered 1/10 of the

approximate breaking strength listed in the catalog.

CAUTION: The broad application of Remke grips requires adequate safety factors be used to establish a SAFE working load. Refer to specific catalog pages for more information.

Single Eye Grips employ a single eye for each attachment to open hooks or other open end structural members. The formed eye tube assures long, trouble-free resistance to wear. Can be used with SAFETY SPRINGS.

Universal Bail Grips employ a flexible "universal" bail eye for each attachment around closed-end structures such as pipe, columns or through closed eyes. The universal bail is a secure, self-locking attachment and is reusable. Removal is simple and quick. Can be used with SAFETY SPRINGS.

Safety Springs can be used with either SINGLE EYE or UNIVERSAL BAIL GRIPS to relieve sudden tensions exerted on cable system. When used with single eye grip, disassemble drawbar from coil, placing drawbar through eye of grip, then replace drawbar.

Liqua-Seal Mesh Connectors

Liqua-Seal Mesh Connectors prevent pullout and provide strain relief when connecting liquid-tight flexible metal conduit to electrical enclosures.

Material

The standard mesh design is single weave, corrosion free stainless steel, these mesh grips are available with fittings made of steel (3/8"-1" straight connectors) or ductile iron (1-1/4"-2" straight connectors and all 45° and 90° connectors), with or without insulated throat.

Features/Benefits

- The mesh exerts a uniformly distributed compressive force over a large area of the conduit for maximum gripping without pinching the conduit.
- An endless weave conforms to the conduit, eliminating wedging or crushing of the conduit at that point.
- Mesh material has high tensile strength and corrosion resistance.
- Readily installed, adjusted, repositioned, removed or reused.
- Automatically adjust their gripping to hold the required load.
- No special installer skills or special tools required.

Working Load/Safety Factor

(see Wide Range Strain Relief Grips)

Standard Strain Relief Connector Grips

Standard Strain Relief Connector Grips are used in conduit hubs or knock-outs at the point where the portable electrical cable is to be terminated. They provide an environmental seal against dirt, moisture, coolants, corrosive fumes, etc. and provide strain relief where undue strain on the cable would otherwise cause loosening or pull-out at the individual wire terminals. Primary applications are in the wiring of portable power tools, power centers and bus drop cable systems.



Standard Support Grips Cross Reference (continued)

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Closed Mesh—Double Eye—Single Weave

Cable Range	Remke	(Bryant) Economy	Pass & Seymour Slater/Flexcor	(Hubbell) Kellems	Woodhead
.50- .62	2201-001	SPC050-DE	FC050-UU	022-01-001	35001
.63- .74	2201-002	SPC062-DE	FC062-UU	022-01-002	35002
.75- .99	2201-003	SPC075-DE	FC075-UU	022-01-003	35003
1.00-1.24	2201-004	SPC100-DE	FC100-UU	022-01-005	35004
1.25-1.49	2201-005	SPC125-DE	FC125-UU	022-01-006	35005
1.50-1.74	2201-006	SPC150-DE	FC150-UU	022-01-007	35006
1.75-1.99	2201-007	SPC175-DE	FC175-UU	022-01-008	35007
2.00-2.49	2201-008	SPC200-DE	FC200-UU	022-01-009	35008
2.50-2.99	2201-009	SPC250-DE	FC250-UU	022-01-010	35009
3.00-3.49	2201-010	SPC300-DE	FC300-UU	022-01-011	35010
3.50-3.99	2201-011	SPC350-DE	FC350-UU	022-01-012	35011

Closed Mesh—Single Eye—Single Weave

Cable Range	Remke	(Bryant) Economy	Pass & Seymour Slater/Flexcor	(Hubbell) Kellems	Woodhead
.50- .62	2201-013	SPC050-U	FC050-U	022-01-013	35030
.63- .74	2201-014	SPC062-U	FC062-U	022-01-014	35031
.75- .99	2201-015	SPC075-U	FC075-U	022-01-015	35032
1.00-1.24	2201-016	SPC100-U	FC100-U	022-01-017	35033
1.25-1.49	2201-017	SPC125-U	FC125-U	022-01-018	35034
1.50-1.74	2201-018	SPC150-U	FC150-U	022-01-019	35035
1.75-1.99	2201-019	SPC175-U	FC175-U	022-01-020	35036
2.00-2.49	2201-020	SPC200-U	FC200-U	022-01-021	35037
2.50-2.99	2201-021	SPC250-U	FC250-U	022-01-022	35038
3.00-3.49	2201-022	SPC300-U	FC300-U	022-01-023	35039
3.50-3.99	2201-023	SPC350-U	FC350-U	022-01-024	35040

Wide Range Strain Relief Grips Cross Reference

AWWWW

Non-Insulated-NPT Thread

Cable Range	Remke	(Bryant) Economy	Pass & Seymour Slater/Flexcor	(Hubbell) Kellems	Woodhead
.22- .32	7303-001	BDSR25	BOX22	073-03-1200	—
.30- .43	7303-002	BDSR37	BOX30	073-03-1201	—
.40- .54	7303-003	BDSR50	BOX40	073-03-1202	—
.52- .73	7303-004	BDSR62	BOX52	073-03-1203	—
.70- .97	7303-005	BDSR87	BOX70	073-03-1204	—
.94- 1.25	7303-006	BDSR100	BOX94	073-03-1205	—

Insulated Bushing-NPS Thread

Cable Range	Remke	(Bryant) Economy	Pass & Seymour Slater/Flexcor	(Hubbell) Kellems	Woodhead
.22- .32	7303-008	BDSR25-B	BOX22	073-03-1206	36501
.30- .43	7303-009	BDSR37-B	BOX30	073-03-1207	36503
.40- .54	7303-010	BDSR-50-B	BOX40	073-03-1208	36505
.52- .73	7303-011	BDSR-62-B	BOX52	073-03-1209	36508
.70- .97	7303-012	BDSR-87-B	BOX70	073-03-1210	36512
.94-1.25	7303-013	BDSR-118-B	BOX94	073-03-1211	36515
1.20-1.50	7303-014	BDSR-125-B	BOX 120	073-03-1212	36516
1.40- 1.75	7303-015	BDSR-150-B	BOX 140	073-03-1213	36517
1.62-2.00	7303-016	BDSR-175-B	—	073-03-1214	36518
2.00-2.45	7303-017	BDSR-200-B	—	073-03-1215	36519