



ICC-ES PMG Product Certificate



PMG-1840



Effective Date: September 2026

This listing is subject to re-examination in one year.

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CSI: DIVISION: 22 00 00 — PLUMBING
Section: 22 05 29 — Hangers and Supports for Plumbing Piping and Equipment

DIVISION: 23 00 00 — HEATING, VENTILATING AND AIR CONDITIONING (HVAC)
Section: 23 05 29 — Hangers and Supports for HVAC Piping and Equipment

Product certification system:

The ICC-ES product certification system includes testing samples taken from the market or supplier's stock, or a combination of both, to verify compliance with applicable codes and standards. The system also involves factory inspections, and assessment and surveillance of the supplier's quality system.

Product: Hangers for Pipe, Duct and Conduit Support

Listee: Simple Supports and Fixings, LLC
1470 Encinitas Blvd., #132
Encinitas, California 92024
www.SimpleSupports.com

Compliance with the following codes:

2024, 2021, 2018, 2015, 2012 and 2009 *International Fuel Gas Code*® (IFGC)
2024, 2021, 2018, 2015, 2012 and 2009 *International Mechanical Code*® (IMC)
2024, 2021, 2018, 2015, 2012 and 2009 *International Plumbing Code*® (IPC)
2024, 2021, 2018, 2015, 2012 and 2009 *International Residential Code*® (IRC)
2027, 2024, 2021, 2018, 2015, 2012 and 2009 *Uniform Mechanical Code*® (UMC)*
2027, 2024, 2021, 2018, 2015, 2012 and 2009 *Uniform Plumbing Code*® (UPC)*
2025, 2022, 2019, 2016, 2013 and 2010 *California Mechanical Code* (CMC)
2025, 2022, 2019, 2016, 2013 and 2010 *California Plumbing Code* (CPC)
2023, 2020 and 2017 *City of Los Angeles Mechanical Code*
2023, 2020 and 2017 *City of Los Angeles Plumbing Code*
2017, and 2013 *District of Columbia Plumbing Code*
2026, 2023, 2020 and 2017 *Florida Building Code – Mechanical*
2026, 2023, 2020 and 2017 *Florida Building Code – Plumbing*
2025, 2020 and 2015 *New York State Mechanical Code*
2025, 2020 and 2015 *New York State Plumbing Code*
2022 and 2014 *New York City Mechanical Code*
2022 and 2014 *New York City Plumbing Code*
2020 and 2015 *Minnesota Plumbing Code*
2021, 2018 and 2015 *Michigan Plumbing Code*
Municipal Code of Chicago Title 14M Interim Mechanical Code
Municipal Code of Chicago Title 14P Interim Plumbing Code
2023 and 2017 *Code of Massachusetts Regulation 248 CMR 10.00: Uniform State Plumbing Code*
2023 and 2017 *Massachusetts State Building Code 780 CMR Ninth Edition: Chapter 28*
2022 *Uniform Illustrated Plumbing Code – India* (UIPC-I)*
2025, 2020, 2015 and 2010 *National Plumbing Code of Canada*® (NPC)**

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** National Plumbing Code of Canada is a copyrighted publication of National Research Council Canada

Listings are not to be construed as representing aesthetics or any other attributes not specifically addressed, nor are they to be construed as an endorsement of the subject of the listing or a recommendation for its use. There is no warranty by ICC Evaluation Service, LLC, express or implied, as to any finding or other matter in this listing, or as to any product covered by the listing.



Compliance with the following standards:

ICC-ES PMG LC 1041 (February 2017) Listing Criteria for Pipe, Duct, Conduit Support and Hangers
MSS SP-58-2025, Pipe Hangers and Supports Materials, Design, Manufacture, Selection, Application, and Installation
MSS SP-163-2025, Cable Suspension Systems for Pipe
UL 2239, Hardware for the Support of Conduit, Tubing, and Cable (2nd Edition)
ASME B31.9-2025, Building Services Piping – Materials, Selection, Application, and Installation
IAPMO PS 95-2018e3, Drain, Waste, and Vent Hangers and Plastic Pipe Support Hooks
SMACNA HVAC Duct Construction Standards, 4th edition, Chapter 5, Table 5-1, 5-1M and 5-2

Identification:

The product or package must bear the manufacturer’s name, model number, and the ICC-ES PMG logo.

The product and/or its associated packaging or documentation shall identify the maximum load rating.

Installation:

Simple Supports and Fixings’ Rod Supports and Cable Supports recognized in this report shall be installed in accordance with the manufacturer’s published installation instructions, the applicable codes, and this listing report. Where there is a conflict, the most restrictive requirements shall govern.

The products recognized in this report are intended for use as supports for rigid metal conduit (RMC), intermediate metal conduit (IMC), electrical metallic tubing (EMT), service entrance cable (SER), metal-clad (MC) cable, data cabling, HVAC duct, and similar mechanical, plumbing, and electrical piping, duct, and conduit.

The Cable Support suspension devices (cable grippers and duct supports) are rated for loads applied at angles up to 60 degrees from vertical; capacities at intermediate angles are given in Table 2. End attachments and Y-fittings are rated for in-line (vertical) load only. Cable duct supports shall be installed in accordance with the SMACNA HVAC Duct Construction Standards.

The products are intended for use in dry locations only. Installation in wet locations and installation on grease or oil substrates is outside the scope of this certification listing. The products are not listed or intended for fire-protection (sprinkler) piping service.

Rated loads listed in Table 1 and Table 2 are for the support assembly only. The attachment to structure shall be evaluated separately by the registered design professional or the authority having jurisdiction.

Models:

Simple Supports and Fixings’ Rod Supports and Cable Supports have been evaluated and have demonstrated compliance with LC1041. Table 1 below identifies the product models and the maximum rated load for each, based on a minimum four-to-one (4:1) factor of safety. Rated loads in Table 1 are for the support assembly loaded vertically. Table 2 provides angled load ratings for the cable-suspension devices.

Table 1 — Rod Support and Cable Support Models and Maximum Rated Loads

Part No.	Description	Size Range	Maximum Rated Load *
Rod Support Assemblies			
100	Simple Straight Rod	6 - 120 in.	90 lbs (41 kg)
101	Simple Stacker	5/8 to 2-1/2 in.	90 lbs (41 kg)
101U	Simple Stacker	5/8 to 1-1/2 in.	70 lbs (32 kg)
101UR	Simple Stacker with Restraint	5/8 to 2-1/2 in.	90 lbs (41 kg)
102	Threaded Rod Support	3 - 120 in.	70 lbs (32 kg)
115	Simple Lasso	5/8 - 3 in.	50 lbs (23 kg)
120	Simple MC Trapeze	4 to 18 in. width	100 lbs (45 kg)
121	Simple Trapeze	4 to 18 in. width	100 lbs (45 kg)
122	Simple HD MC Trapeze	12 to 36 in. width	200 lbs (91 kg)
123	Simple HD MC Trapeze, 2-Tiered	12 to 36 in. width	200 lbs (91 kg)
130	Simple Locked-in Trapeze	12 to 36 in. width	100 lbs (45 kg)
140	Simple Pitchfork Stacker	5/8 to 1-1/2 in.	90 lbs (41 kg)
141	Simple Pitchfork	12 - 120 in.	90 lbs (41 kg)
195	Cantilever Trapeze	4 - 18 in. wings	100 lbs (45 kg)
380	Cast-in-Place Loop	3 - 120 in.	300 lbs (136 kg)
381	Cast-in-Place Straight Rod	3 - 120 in.	300 lbs (136 kg)
382	Cast-in-Place Threaded Rod	3 - 120 in.	300 lbs (136 kg)
Footprints			
S90	90° Footprint	1/4 in. Rod	90 lbs (41 kg)
S90T	90° Footprint with 1/4"-20 Threads	1/4"-20 or 3/8"-16 Thd. Rod	90 lbs (41 kg)
S180	Sidemount Footprint	1/4 in. Rod	90 lbs (41 kg)
Cable Grippers			
L23	Football Cable Gripper	#2 cable (3/32 in.)	175 lbs (79 kg)
L23	Football Cable Gripper	#3 cable (1/8 in.)	320 lbs (145 kg)
S3	Pylon Cable Gripper	#3 cable (1/8 in.)	320 lbs (145 kg)
S3X	Pylon Cable Gripper (Side Exit)	#3 cable (1/8 in.)	320 lbs (145 kg)
S4	Pylon Cable Gripper	#4 cable (3/16 in.)	630 lbs (286 kg)
S4X	Pylon Cable Gripper (Side Exit)	#4 cable (3/16 in.)	630 lbs (286 kg)
Cable Duct Supports			
DS23	Goalpost Duct Support	#2 cable (3/32 in.)	150 lbs (68 kg)
DS23	Goalpost Duct Support	#3 cable (1/8 in.)	250 lbs (113 kg)
DC	The Cleat	—	175 lbs (79 kg)
Cable Brackets			
SN25	Snap Cable Bracket, 0.250 in. anchor hole	—	800 lbs (363 kg)
SN38	Snap Cable Bracket, 0.375 in. anchor hole	—	800 lbs (363 kg)
Cable End Fixings			
L	Looped Cable Attachment	#2 cable (3/32 in.)	175 lbs (79 kg)
L	Looped Cable Attachment	#3 cable (1/8 in.)	320 lbs (145 kg)
L	Looped Cable Attachment	#4 cable (3/16 in.)	630 lbs (286 kg)
ST383	3/8 in. x 3 in. Threaded Stud	#3 cable (1/8 in.)	320 lbs (145 kg)
ST386	3/8 in. x 6 in. Threaded Stud	#3 cable (1/8 in.)	320 lbs (145 kg)
TGL	Toggle Assembly	#2 cable (3/32 in.)	160 lbs (73 kg)
SNK	Snaphook Assembly	#2 cable (3/32 in.)	175 lbs (79 kg)
CPL	Cast-in-Place Loop Assembly	#2 cable (3/32 in.)	175 lbs (79 kg)
CPL	Cast-in-Place Loop Assembly	#3 cable (1/8 in.)	320 lbs (145 kg)
Cable Y-Fittings			
YACT	Y-Accessory, Toggle	#2 cable (3/32 in.)	175 lbs (79 kg)
YACS	Y-Accessory, Snaphook	#2 cable (3/32 in.)	175 lbs (79 kg)
YAST	Y-Assembly, Toggle	#2 cable (3/32 in.)	175 lbs (79 kg)
YASS	Y-Assembly, Snaphook	#2 cable (3/32 in.)	175 lbs (79 kg)

* Maximum rated load is based on a minimum four-to-one (4:1) factor of safety applied to the ultimate tested capacity. Rated loads apply to the support assembly only; attachment to structure shall be evaluated separately.

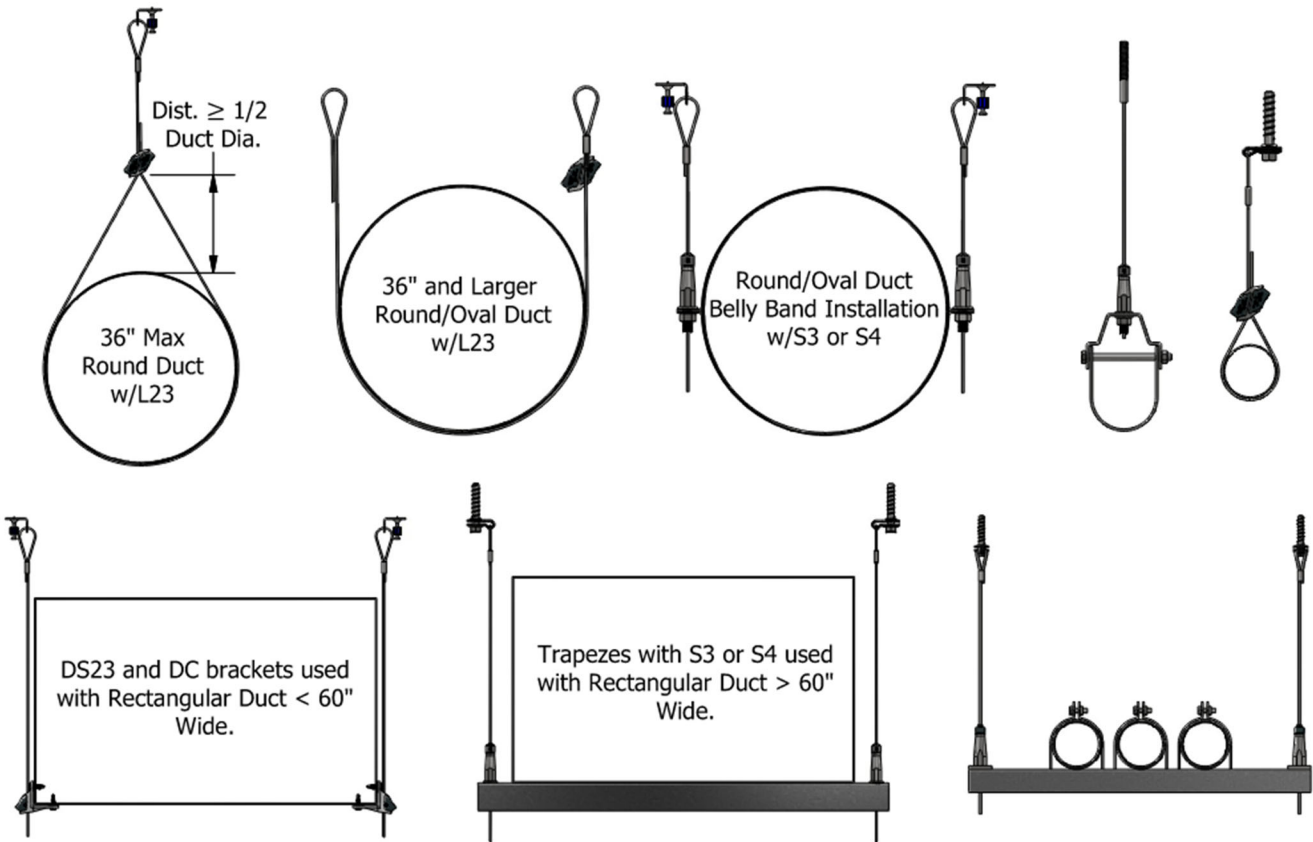
Notes: (1) The S90 and S180 footprints may be substituted for assemblies as noted in the manufacturer's installation instructions. (2) The suffix "M", "E", or "P" may be added to the end of a part number to distinguish trade use (mechanical, electrical, or plumbing); the rated load is unaffected. (3) Cable sizes are designated: #1 = 1/16 in., #2 = 3/32 in., #3 = 1/8 in., #4 = 3/16 in. (4) End attachments and Y-fittings are rated for in-line (vertical) load only and are not included in Table 2.

Table 2 — Cable Support Angled Load Ratings (lbs)

Part No.	Cable	0°	15°	30°	45°	60°
L23 (Football)	#2	175	165	150	120	85
L23 (Football)	#3	320	305	275	225	160
S3 (Pylon)	#3	320	305	275	225	160
S3X (Pylon)	#3	320	305	275	225	160
S4 (Pylon)	#4	630	605	545	445	315
S4X (Pylon)	#4	630	605	545	445	315
DS23 (Goalpost)	#2	150	140	125	105	75
DS23 (Goalpost)	#3	250	240	215	175	125

Angled load ratings are derived from the Table 1 vertical rating reduced by the cosine of the angle from vertical (per LC1041 §4.3 and MSS SP-163), rounded down to the nearest 5 lbs. Maximum installation angle is 60 degrees from vertical. Cable grippers and duct supports only; end attachments, brackets, and Y-fittings are rated for in-line (vertical) load and are not included.

Typical Installation Details for Pipe, Duct, Conduit and HVAC



Product Images

Representative product images for each model listed in Table 1 are provided below.

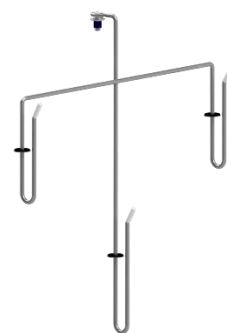
 100 Simple Straight Rod	 101 Simple Stacker	 101U Simple Stacker
 101UR Simple Stacker with Restraint	 102 Threaded Rod Support	 115 Simple Lasso
 120 Simple MC Trapeze	 121 Simple Trapeze	 122 Simple HD MC Trapeze



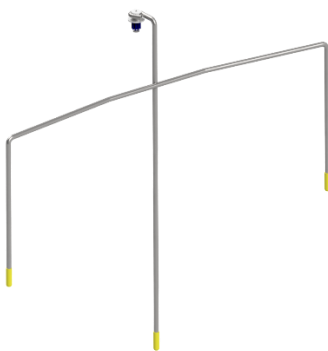
123
Simple HD MC Trapeze, 2-Tiered



130
Simple Locked-in Trapeze



140
Simple Pitchfork Stacker



141
Simple Pitchfork



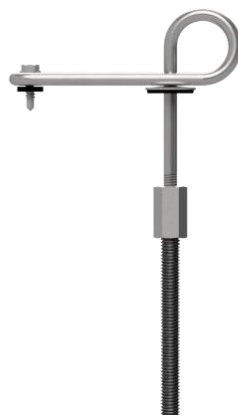
195
Cantilever Trapeze



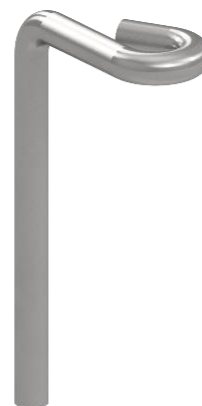
380
Cast-in-Place Loop



381
Cast-in-Place Straight Rod



382
Cast-in-Place Threaded Rod



S90
90° Footprint



S90T
90° Footprint with 1/4\"-20 Threads



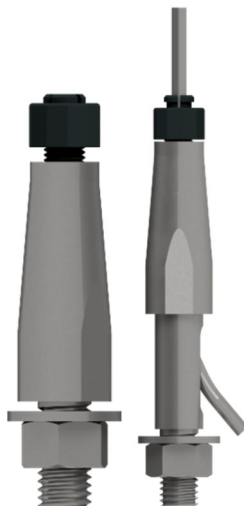
S180
Sidemount Footprint



L23
Football Cable Gripper



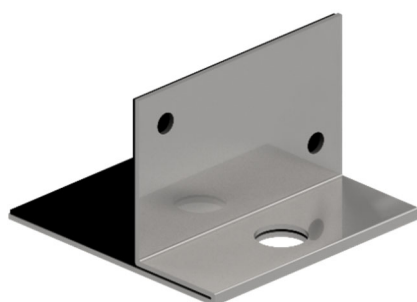
S3/S3X
Pylon Cable Gripper



S4/S4X
Pylon Cable Gripper



DS23
Goalpost Duct Support



DC
The Cleat



SN25
Snap Cable Bracket



SN38
Snap Cable Bracket



L
Looped Cable Attachment



ST383/ST386
Threaded Stud



TGL
Toggle Assembly



SNK
Snaphook Assembly



CPL
Cast-in-Place Loop Assembly



YACT
Y-Accessory, Toggle



YACS
Y-Accessory, Snaphook



YAST
Y-Assembly, Toggle



YASS
Y-Assembly, Snaphook

Conditions of listing

- 1) Seismic force calculations must be prepared by a registered design professional when required by the statutes of the jurisdiction in which the project is to be constructed.
- 2) For piping systems, the interval of support shall be engineered in accordance with the applicable local plumbing or mechanical code.
- 3) Cable-suspension devices shall be installed at angles not exceeding 60 degrees from vertical; see Table 2 for angled load ratings. End attachments and Y-fittings are rated for in-line (vertical) load only.
- 4) Cable duct supports shall be installed in accordance with the SMACNA HVAC Duct Construction Standards.
- 5) The products are intended for use in dry locations only. Installation in wet locations or on grease or oil substrates is outside the scope of this certification listing.
- 6) The products are not listed or intended for fire-protection (sprinkler) piping service.
- 7) Rated loads listed in Table 1 and Table 2 are for the support assembly only. Attachment to structure shall be evaluated separately.
- 8) Simple Supports and Fixings' Rod Supports and Cable Supports shall be installed in accordance with the manufacturer's published installation instructions and applicable codes.
- 9) Simple Supports and Fixings' Rod Supports and Cable Supports are manufactured under a quality control system with annual surveillance inspection by ICC-ES.