



# Hang-Fast

Quality and Versatile Hanging System

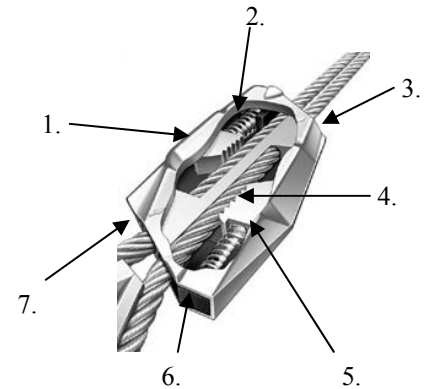
## Specifications

- No special tools required
- Meets all mechanical codes
- Dramatically reduces installation time
- Patented
- No welding required
- Available in a variety of sizes



## Packaging

Product	Shelf Life	Qty per Case
#1 Hang-Fast 5 ft.	10	150
#1 Hang-Fast 10ft.	10	100
#1 Hang-Fast 15ft.	10	80
#1 Hang-Fast 30ft.	10	50
#2 Hang-Fast 5 ft.	10	100
#2 Hang-Fast 10ft.	10	100
#2 Hang-Fast 15ft.	10	100
#2 Hang-Fast 30ft.	10	50
#3 Hang-Fast 5 ft.	10	100
#3 Hang-Fast 10ft.	10	50
#3 Hang-Fast 15ft.	10	50
#3 Hang-Fast 30ft.	5	25
#4 Hang-Fast 5 ft.	10	50
#4 Hang-Fast 10ft.	5	25
#4 Hang-Fast 15ft.	5	20
#4 Hang-Fast 30ft.	5	10
#5 Hang-Fast 5 ft.	2	20
#5 Hang-Fast 10ft.	1	10
#5 Hang-Fast 15ft.	1	8
#5 Hang-Fast 30ft.	1	6



1. **Zing Housing**- Provides anti-corrosion properties with strength and consistent manufacturing quality.
2. **Stainless Springs**- Type 302 S26. One spring in each channel.
3. **Setting Key**- Entry hole.
4. **Serrated Teeth**- Enables a strong grip on the wire rope without sacrificing wire rope strength. Found in each wire rope channel.
5. **Locking Wedges**- Provides a locking type grip on the wire rope which only allows one way entry.
6. **End-Cap**-Plastic end-cap holds the spring in place.
7. **Setting Key** - Entry hole.

**W**  
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## Technical Information

### Hang-Fast

- Housing - Zinc grade ZA2
- Wedges - Hardened sintered steel
- Springs - Stainless steel type 302 S26
- End Cap - UV stabilized homopolymer polypropylene

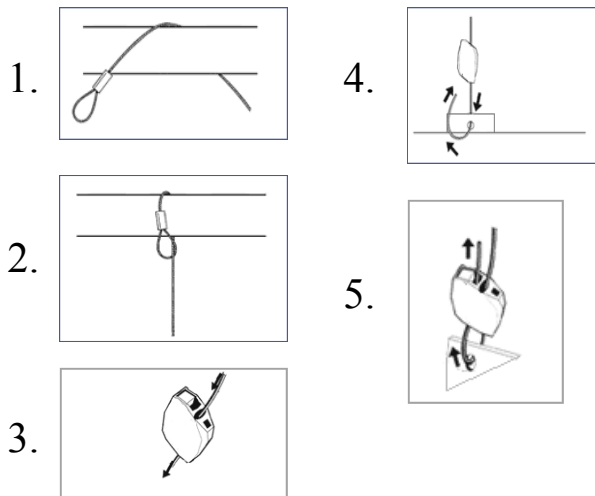
### Wire Rope

- Manufactured from galvanized steel wire rope. Minimum specifications as follows:

Size	Min. Breaking Load	Rope Construction	Tensile Strength
1			
2	572 lbs.	7x7 (6/1)	256,717 psi
3	1,276 lbs.	7x7 (6/1)	256,717 psi
4	3,300 lbs.	7x19 (12/6/1)	256,717 psi
5	4,752 lbs.	7x19 (12/6/1)	256,717 psi

Maximum Load (lbs.)					
Size	Vertical	15°	30°	45°	60°
1	22	21	18	15	11
2	77	74	66	53	38
3	176	168	151	123	88
4	495	475	425	346	247
5	715	686	614	500	357
Load %	100	96	86	70	50

## Installation Instructions



## Testing

- Hang-Fast has been independently tested and carries a safety factor of 5:1.

Sample Description	Working load range (min-max, lbs)	Sample No.	Slippage @ Gripple Grip (in) at max. working load limit	Failure Load (lbs)	Description of failure
#2 Hang-Fast System	15-77 lbs.	1	0.000	660.9	Rope @ Gripple Grip
		2	0.000	611.6	Rope @ Gripple Grip
		3	0.000	602.9	Rope @ Gripple Grip
		4	0.000	605.9	Rope @ Gripple Grip
		5	0.000	545.6	Rope @ Gripple Grip
Average Failure Load: 605.4 lbs.					

Sample Description	Working load range (min-max, lbs)	Sample No.	Slippage @ Gripple Grip (in) at max. working load limit	Failure Load (lbs)	Description of failure
#3 Hang-Fast System	77-176 lbs.	1	0.000	1,118	Rope @ Gripple Grip
		2	0.000	1,111.1	Rope @ Gripple Grip
		3	0.000	1,146.2	Rope @ Gripple Grip
		4	0.000	1,228.6	Rope @ Gripple Grip
		5	0.000	1,035.6	Rope @ Gripple Grip
Average Failure Load: 1,127.9 lbs.					

Sample Description	Working load range (min-max, lbs)	Sample No.	Slippage @ Gripple Grip (in) at max. working load limit	Failure Load (lbs)	Description of failure
#4 Hang-Fast System	176-495 lbs.	1	0.000	2,437.4	Rope @ Gripple Grip
		2	0.000	2,597.7	Rope @ Gripple Grip
		3	0.000	2,640.4	Rope @ Gripple Grip
		4	0.000	2,490	Rope @ Gripple Grip
		5	0.000	2,294	Rope @ Gripple Grip
Average Failure Load: 2,491.9 lbs.					