



Rod Hanging System for Concrete, Wood & Steel



Hangermate[®]+



THREAD PROFILE

low torque,
fast installation,
full concrete
engagement

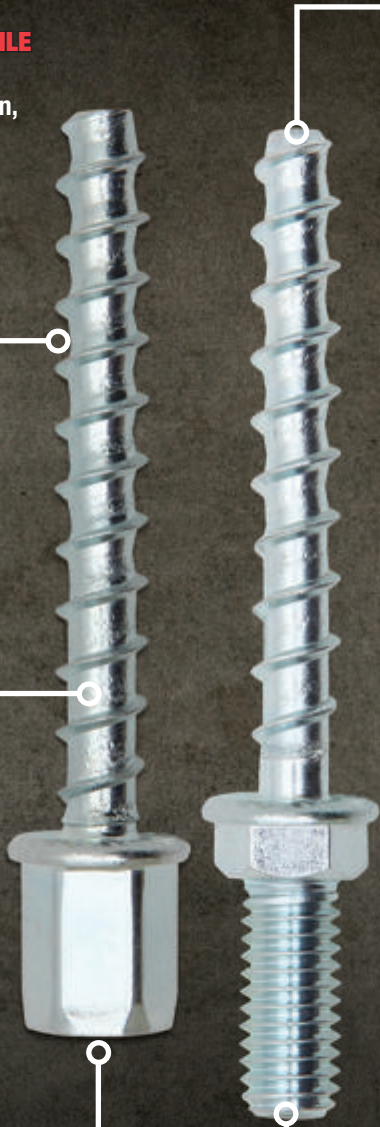
**STANDARD
1/4" BIT**

no need for
specialty bit for
installation

**HARDENED
STEEL**
installs in hard
concrete and
remains ductile

THREADED ROD
available in 1/4"
or 3/8" rod sizes

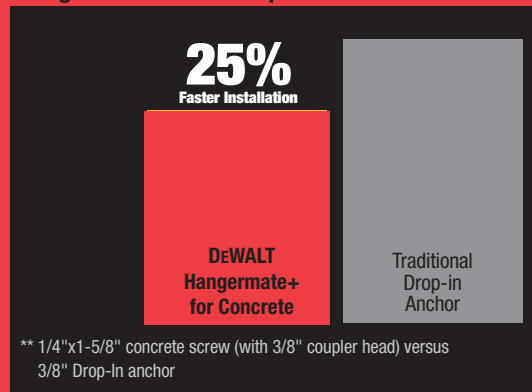
**EXTERNAL
3/8" THREAD**
for attaching
directly to
anchor



	DeWALT Hangermate+	ITW Buildex Sammys®
Approved Embedments	1-5/8" x 2-1/2"	2-1/4"
Bit Size	1/4" ANSI	Specialty
Pullout, N _{p,cr} *	1412 lbs	857 lbs

* for 2-1/2" embedment
Sammys® is a registered trademark of Illinois Tool Works Inc.

**Faster Installation
Hangermate+ VS Drop-In Anchor****



Installation Driver and Bit Reference			
PECO #	Description	Driver	Bit
Hangermate+ Concrete - Internally Threaded			
CVH7171J*	1/4" x 1-5/8"	CDS7195	TPSDS-14X6
CVH7173J*	1/4" x 1-5/8"	CDS7197	TPSDS-14X6
CVH7175J*	1/4" x 2-1/2"	CDS7197	TPSDS-14X6
Pivot For Concrete - Angled Applications			
38CPHMJ*	1/4" x 1-5/8"	PDS7199	TP3920
Suspender For Concrete - Dual Directional			
ZG730-IJ	5/16" x 2-1/4"	SDS7200	TPSDS-14X6
Hangermate+ Concrete - Externally Threaded			
Available - Special Order			

*Driver Included



Hangermate[®]+ Rod Hanging Anchors for Concrete

	PECO #	Description	SAMMYS [®] Model #	Hang	Rod Size	QTY
Hangermate+ Concrete - Internally Threaded						
	CVH7171J*	1/4" x 1-5/8"	CST 200	Vertical	1/4"	20
	CVH7173J*	1/4" x 1-5/8"	CST 20	Vertical	3/8"	20
	CVH7175J*	1/4" x 2-1/2"	CCST 516	Vertical	3/8"	20
Pivot For Concrete - Angled Applications						
	38CPHMJ*	1/4" x 1-5/8"	SH-GST/CST 20	Variable	3/8"	25
Suspender For Concrete - Dual Directional						
	ZG730-IJ	5/16" x 2-1/4	N/A	Vert. & Horiz.	3/8"	50
Hangermate+ Concrete - Externally Threaded						
	Available - Special Order					

The Complete Anchoring Solution - Installation Accessories and Tools

	PECO #	Description	Hangermate [®] +	QTY
	CDS7195	1/4" Socket Driver	Concrete Rod Hanger	1
	CDS7197	3/8" Socket Driver	Concrete Rod Hanger	1
	Special Order	1/2" Drive Socket	Externally Threaded Hanger	-
	SDS7200	Suspender Driver	Suspender	1
	PDS7199	Pivot Driver	Pivot	1
	Special Order	1/2" Impact Deep Socket	External	-
	Special Order	1/4" Hex to 1/2" Square Adapter		-
	TPSDS-14X6	1/4" x 6 SDS Drill Bit		1
	TP3920	3/16" X 5-1/2"	Masonry Bit	1
	Special Order	3/8" To 1/2" Rod Adapter	Rod Adapter	-





UL & FM FULL LISTING
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TYPE 17 GIMLET
easy material
removal, no
pre-drilling
required

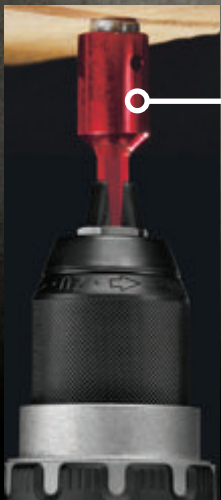
**SINGLE PIECE
DESIGN†**
allows removal
and adjustment

† Available on PFM2251000,
PFM2251100 & PFM2261100



**SIDE MOUNT
OPTION**
for horizontal
applications

WOOD DRIVER
spin off feature helps
reduce over driving



	DeWALT Hangermate+	ITW Buildex Sammys®
Dual Head	Suspender	No
Point Style	Type 17 Gimlet	Gimlet Only
Single Piece Design	Select Sizes	All 2-piece

Type 17 Gimlet Helps Reduce Splitting*

*Compared to Sammys® drilled 2" into pressure treated lumber with DEWALT DCD790D2

DeWALT
1/4" x 2"



Sammys®
1/4" x 2"



Sammys® is a registered trademark of Illinois Tool Works Inc.

Installation Driver Reference

PECO #	Description	Driver
Hangermate+ Wood - Vertical		
WVH7163J*	1/4" x 2"	UDS7187
WVH7203J*	1/4" x 1"	UDS7187
WVH7165J*	1/4" x 2"	UDS7187
WVH7162J*	5/16" x 2-1/2"	UDS7187
WVH7167J*	1/4" x 3"	UDS7187
WVH7169J*	1/4" x 4"	UDS7187
WVH7164J*	5/16" x 2-1/2"	UDS7187
Hangermate+ Wood - Horizontal		
Special Order	1/4" x 1"	UDS7187
WSH7205J*	1/4" x 1"	UDS7187
WSH7170J*	1/4" x 2"	UDS7187
Special Order	5/16" x 2-1/2"	UDS7187
Pivot For Wood - Angled Application		
38WPHMJ*	1/4" x 2"	PDS7199
Suspender For Wood - Dual-Directional		
Special Order	5/16" x 2-1/4"	SDS7200
Wood - Acoustical Ceiling Screw Eyelet		
Special Order	1/4" x 3"	Special Order

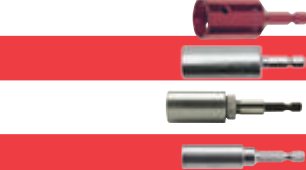

*Driver Included



Hangermate®+ Rod Hanging Anchors for Wood

	PECO #	Description	SAMMYS® Model #	Hang	Rod Size	QTY
Hangermate+ Wood - Vertical						
	WVH7163J*	1/4" x 2"	GST 200	Vertical	1/4"	20
	WVH7203J*	1/4" x 1"	GST 10	Vertical	3/8"	20
	WVH7165J*	1/4" x 2"	GST 200	Vertical	3/8"	20
	WVH7162J*	5/16" x 2-1/2"	GST 25-380	Vertical	3/8"	20
	WVH7167J*	1/4" x 3"	GST 30	Vertical	3/8"	20
	WVH7169J*	1/4" x 4"	-	Vertical	3/8"	20
	WVH7164J*	5/16" x 2-1/2"	GST 2	Vertical	1/2"	20
Hangermate+ Wood - Horizontal						
	Special Order	1/4" x 1"	SWG 200	Horizontal	1/4"	-
	WSH7205J*	1/4" x 1"	SWG 10	Horizontal	3/8"	20
	WSH7170J*	1/4" x 2"	SWG 20	Horizontal	3/8"	20
	Special Order	5/16" x 2-1/2"	SGW 25-380	Horizontal	3/8"	-
Pivot For Wood - Angled Application						
	38WPHMJ*	1/4" x 2"	SH-GST 20	Variable	3/8"	25
Suspender For Wood - Dual-Directional						
	Special Order	5/16" x 2-1/4"	-	Vert. & Horiz.	3/8"	-
Wood - Acoustical Ceiling Screw Eyelet						
	Special Order	1/4" x 3"	CWSD 15	Vert. & Horiz.	Eyelet Hole 3/16"	-

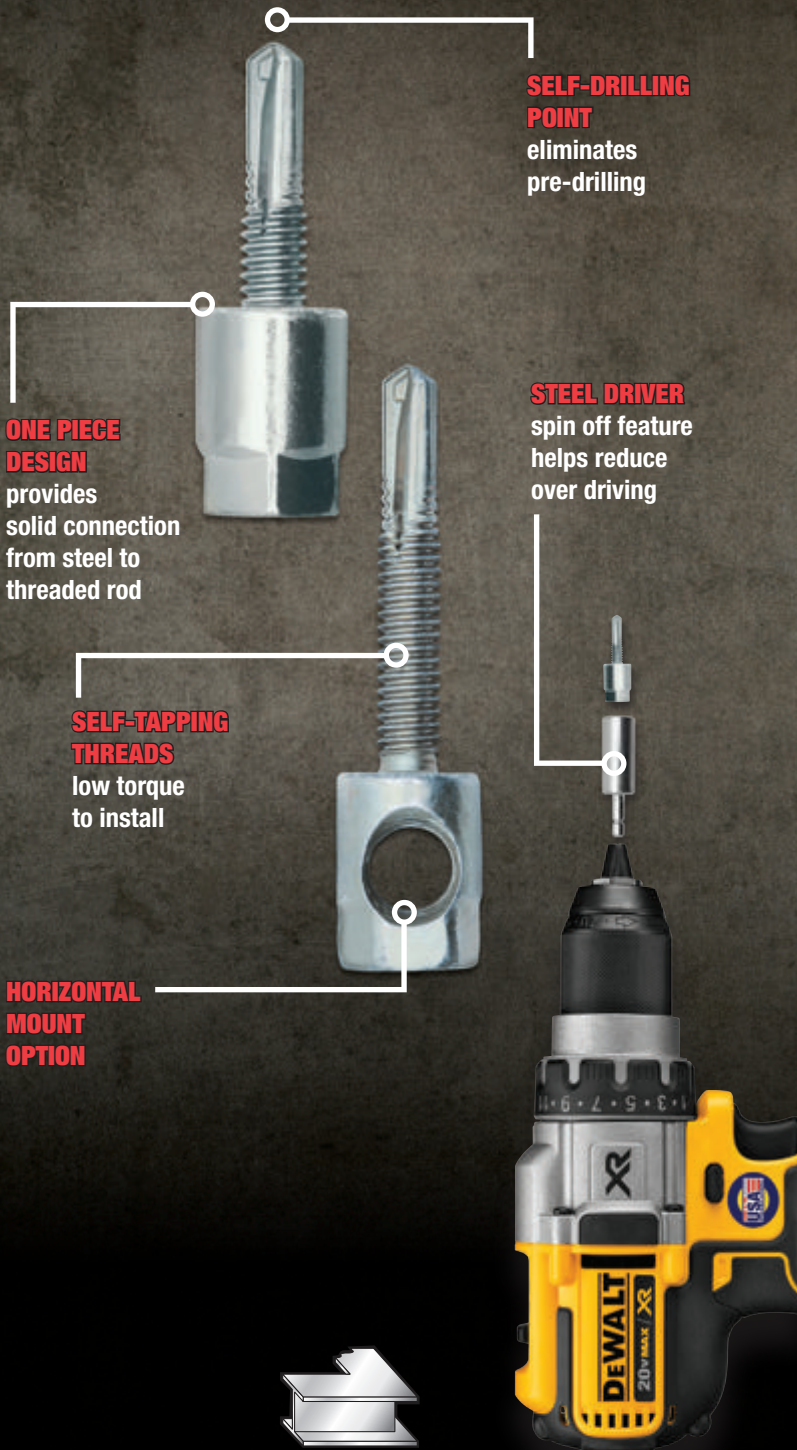
The Complete Anchoring Solution - Installation Accessories and Tools

	PECO #	Description	Hangermate®+	QTY
	UDS7187	Wood Socket Driver	Rod Hanger	1
	SDS7200	Suspender Driver	Suspender	1
	PDS7199	Pivot Driver	Pivot	1
	Special Order	Ceiling Screw Eyelet Driver	Acoustical	-
	Special Order	Pole Tool Kit	Rod Hanger	-

* Maximum initial battery voltage (measured without a workload) is 20 volts. Nominal voltage is 18.



UL & FM FULL LISTING
PAGES 10-11



SELF-DRILLING POINT
eliminates pre-drilling

ONE PIECE DESIGN
provides solid connection from steel to threaded rod

STEEL DRIVER
spin off feature helps reduce over driving

SELF-TAPPING THREADS
low torque to install

HORIZONTAL MOUNT OPTION



	DeWALT Hangermate+	ITW Buildex Sammys®
Dual Head	Suspender	No
Single Piece Design	Yes	All 2-piece
UL Approved Range*	12 SKUs	8 SKUs

*On select sizes with coupling nut
Sammys is a registered trademark of Illinois Tool Works Inc.

Installation Driver Reference

PECO #	Description	Driver
Hangermate®+ Steel - Vertical		
SVH7155J*	1/4-20 X 1" #3	SDS7187
Special Order	1/4-20 X 1" #3	SDS7187
SVH7158J*	1/4-20 X 1" #3 / nut	SDS7187
Special Order	1/4-20 X 1-1/2" #5	SDS7187
SVH7154J*	1/4-20 X 1-1/2" #5 / nut	SDS7187
Special Order	1/4-20 X 1-1/2" #3	SDS7187
SVH7160J*	1/4-20 X 1-1/2" #3 / nut	SDS7187
SVH7157J*	1/4-20 X 2" #3	SDS7187
Hangermate®+ Steel- Horizontal		
Special Order	1/4-20 X 1" #3	SDS7187
SSH7184J*	1/4-20 X 1" #3 / nut	SDS7187
Special Order	1/4-20 X 1-1/2" #3	SDS7187
SSH7186J*	1/4-20 X 1-1/2" #3 / nut	SDS7187
Special Order	1/4-20 X 1-1/2" #5	SDS7187
SSH7201J*	1/4-20 X 1-1/2" #5 / nut	SDS7187
Hangermate®+ Pivot For Steel - Angled Application		
38SPHMJ	1/4-20 X 1" #3	PDS7199
38SPHMT5J	12-20 X 1-3/4" #5	PDS7199
Special Order	1/4-14 X 1" #3	PDS7199
Hangermate®+ Suspender For Steel - Dual-Directional		
Special Order	1/4-20 X 1" #3 / nut	SDS7200
Special Order	1/4-20 X 1-1/2" #3 / nut	SDS7200
Special Order	1/4-20 X 1-1/2" #5 / nut	SDS7200
Hangermate®+ Steel - Acoustical Ceiling Screw Eyelet		
Special Order	1/4" X 3"	Special Order
Special Order	1/4" X 3-1/4"	Special Order

*Driver Included



Hangermate®+ Rod Hanging Anchors for Steel

	Cat #	Description	SAMMYS® Model #	Hang	Rod Size	QTY
Hangermate®+ Steel - Vertical						
	SVH7155J*	1/4-20 X 1" #3	DSTR 100	Vertical	1/4"	20
	Special Order	1/4-20 X 1" #3	-	Vertical	3/8"	-
	SVH7158J*	1/4-20 X 1" #3 / nut	DSTR 1	Vertical	3/8"	20
	Special Order	1/4-20 X 1-1/2" #5	DSTR 1-1/2	Vertical	3/8"	-
	SVH7154J*	1/4-20 X 1-1/2" #5 / nut	DSTR 1	Vertical	3/8"	20
	Special Order	1/4-20 X 1-1/2" #3	-	Vertical	3/8"	-
	SVH7160J*	1/4-20 X 1-1/2" #3 / nut	DST 15	Vertical	3/8"	20
	SVH7157J*	1/4-20 X 2" #3	DST 20	Vertical	3/8"	20
Hangermate®+ Steel- Horizontal						
	Special Order	1/4-20 X 1" #3	SDW 10	Horizontal	3/8"	-
	SSH7184J*	1/4-20 X 1" #3 / nut	SDWR 1	Horizontal	3/8"	20
	Special Order	1/4-20 X 1-1/2" #3	-	Horizontal	3/8"	-
	SSH7186J*	1/4-20 X 1-1/2" #3 / nut	-	Horizontal	3/8"	20
	Special Order	1/4-20 X 1-1/2" #5	SWT 15	Horizontal	3/8"	-
	SSH7201J*	1/4-20 X 1-1/2" #5 / nut	SWDR 1-1/2	Horizontal	3/8"	20
Hangermate®+ Pivot For Steel - Angled Application						
	38SPHMJ	1/4-20 X 1" #3	SH-DSTR 1	Variable	3/8"	25
	38SPHMT5J	12-20 X 1-3/4" #5	SH-TEK 50	Variable	3/8"	25
	Special Order	1/4-14 X 1" #3	-	Variable	3/8"	-
Hangermate®+ Suspender For Steel - Dual-Directional						
	Special Order	1/4-20 X 1" #3 / nut	-	Vert. & Horiz.	3/8"	-
	Special Order	1/4-20 X 1-1/2" #3 / nut	-	Vert. & Horiz.	3/8"	-
	Special Order	1/4-20 X 1-1/2" #5 / nut	-	Vert. & Horiz.	3/8"	-
Hangermate®+ Steel - Acoustical Ceiling Screw Eyelet						
	Special Order	1/4" X 3"	CWSD 1	Vert. & Horiz.	Eyelet Hole 3/16"	-
	Special Order	1/4" X 3-1/4"	CWSD 2	Vert. & Horiz.	Eyelet Hole 3/16"	-

Recommended 1300 to 2000 rpms for proper installation.

The Complete Anchoring Solution - Installation Accessories and Tools

	PECO #	Description	Hangermate®+	QTY
	SDS7187	Steel Socket	Rod Hanger	1
	SDS7200	Suspender Driver	Suspender	1
	PDS7199	Pivot Driver	Pivot	1
	Special Order	Ceiling Screw Eyelet Driver	Acoustical	-
	Special Order	Pole Tool Kit	Rod Hanger	1
	Special Order	Adapter for Hanging 1/2" Rod	3/8" to 1/2" Adapter	1

* Maximum initial battery voltage (measured without a workload) is 20 volts. Nominal voltage is 18.

Pivot™

THREADS
designed for
concrete

HARDENED STEEL
specially engineered
and designed to cut
through hard materials

**ROTATIONAL
HEAD**
almost 90 degrees
of rotation for
flexible positioning

THREADS
designed
for wood

THREADS
designed
for steel



Installation Driver Reference

PECO #	Description	Driver	Drill Bit
Pivot For Concrete			
38CPHMJ	1/4" X 2	PDS7199	TP3920
Pivot For Wood			
38WPHMJ	1/4" X 2	PDS7199	**
Pivot For Steel			
38SPHMJ	1/4-20 X 1" #3	PDS7199	**
38SPHMT5J	12-20 X 1-3/4" #5	PDS7199	**
Special Order	1/4-14 X 1" #3	PDS7199	**

* Driver Included ** No Pre-Drilling Necessary



◀ **STAR DRIVE T-25**
full engagement
driving through
tough materials





Hangermate® + Specialty Rod Hanging Anchors

Suspender™



UL & FM FULL LISTING
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APPROVED

**MULTIPLE
THREADS**
different thread
and point styles

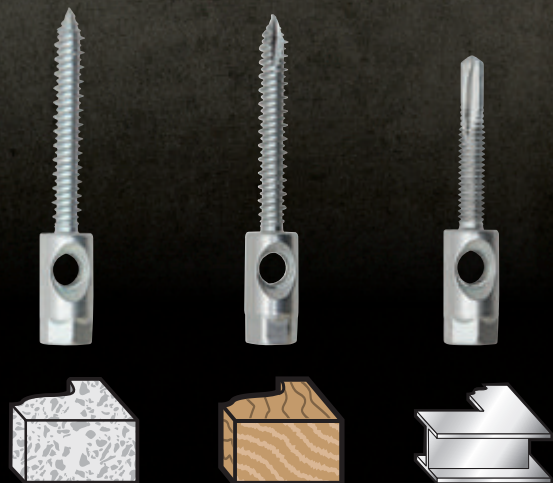
**TWIN LEAD
THREAD**
for thread
engagement
(concrete &
wood)

**DUAL DIRECTIONAL
THREAD**
one part for vertical or
horizontal application

Installation Driver Reference

PECO #	Description	Driver	Drill Bit
Suspender For Concrete			
ZG730-IJ	5/16" x 2-1/4"	SDS7200	TPSDS-14X6
Suspender For Wood			
Special Order	5/16" x 2-1/4"	SDS7200	**
Suspender For Steel			
Special Order	1/4-20 X 1" #3 / Nut	SDS7200	**
Special Order	12-20 X 1-1/2" #3 / Nut	SDS7200	**
Special Order	1/4-14 X 1" #5 / Nut	SDS7200	**

* Driver Included ** No Pre-Drilling Necessary





APPROVALS

Cat #	Description	Driver	SAMMYS® Model #	Hang	Rod Size	QTY	Ultimate Tensile Load (LBS)**	Pipe Size	Load	Pipe Size	Load	ICC-ES
Hangermate+ Concrete - Internally Threaded												
CVH7171J*	1/4" x 1-5/8"	CDS7195	CST 200	Vertical	1/4"	20	2,835	-	-	4"	1,475	ESR-3889
CVH7173J*	1/4" x 1-5/8"	CDS7197	CST 20	Vertical	3/8"	20	2,835	-	-	4"	1,475	ESR-3889
CVH7175J*	1/4" x 2-1/2"	CDS7197	CCST 516	Vertical	3/8"	20	3,650	-	-	4"	1,475	ESR-3889
Hangermate+ Concrete - Externally Threaded												
Available - Special Order	1/4" x 1-5/8"	-	-	Vertical	3/8"	-	2,835	-	-	4"	1,475	ESR-3889
Available - Special Order	1/4" x 2-1/2"	-	-	Vertical	3/8"	-	3,650	-	-	4"	1,475	ESR-3889
Pivot For Concrete - Angled Applications												
38CPHMJ*	1/4" x 1-5/8"	PDS7199	SH-GST/CST 20	Variable	3/8"	25	2830 (Vert.) 990 (45°)	-	-	-	-	-
Suspender For Concrete - Dual Directional												
ZG730-IJ	5/16" x 2-1/4"	SDS7200	N/A	Vert. & Horiz.	3/8"	50	3650***	-	-	4"	1,475	-

* Driver Included ** In 2,500psi uncracked concrete *** In 3,650psi uncracked concrete

Cat #	Description	Driver	SAMMYS® Model #	Hang	Rod Size	QTY	Ultimate Tensile Load (LBS)**	Pipe Size	Load	Pipe Size	Load	ICC-ES
Hangermate+ Wood - Vertical												
WVH7163J*	1/4" x 2"	UDS7187	GST 200	Vertical	1/4"	20	1,510	-	-	-	-	-
WVH7203J*	1/4" x 1"	UDS7187	GST 10	Vertical	3/8"	20	685	-	-	-	-	-
WVH7165J*	1/4" x 2"	UDS7187	GST 200	Vertical	3/8"	20	1,510	3"	1,050	-	-	-
WVH7162J*	5/16" x 2-1/2"	UDS7187	GST 25-380	Vertical	3/8"	20	2,670	4"	1,050	4"	1,475	-
WVH7167J*	1/4" x 3"	UDS7187	GST 30	Vertical	3/8"	20	2,075	3"	1,050	-	-	-
WVH7169J*	1/4" x 4"	UDS7187	-	Vertical	3/8"	20	2,075	3"	1,050	-	-	-
WVH7164J*	5/16" x 2-1/2"	UDS7187	GST 2	Vertical	1/2"	20	2,670	-	-	-	-	-
Hangermate+ Wood - Horizontal												
Special Order	1/4" x 1"	UDS7187	SWG 200	Horizontal	1/4"	-	685	-	-	-	-	-
WSH7205J*	1/4" x 1"	UDS7187	SWG 10	Horizontal	3/8"	20	685	-	-	-	-	-
WSH7170J*	1/4" x 2"	UDS7187	SWG 20	Horizontal	3/8"	20	1,800	3"	1,050	-	-	-
Special Order	5/16" x 2-1/2"	UDS7187	SGW 25-380	Horizontal	3/8"	-	1,450	3"	1,050	-	-	-
Pivot For Wood - Angled Application												
38WPHMJ*	1/4" x 2"	PDS7199	SH-GST 20	Variable	3/8"	25	1,470 (Vert.) 1,154 (45°)	-	-	-	-	-
Suspender For Wood - Dual-Directional												
Special Order	5/16" x 2-1/4"	SDS7200	-	Vert. & Horiz.	3/8"	-	-	4"	1,475	-	-	-
Wood - Acoustical Ceiling Screw Eyelet												
Special Order	1/4" x 3"	Special Order	CWSD 15	Vert. & Horiz.	Eyelet Hole 3/16"	-	-	-	-	-	-	-

* Driver Included ** Ultimate Loads In Douglas Fir



Hangermate®+

Rod Hanging Anchors Approvals

APPROVALS



Cat #	Description	Driver	SAMMYS® Model #	Hang	Rod Size	QTY	Min. Thick.	Max. Thick.	Ultimate Tensile Load (LBS)**	UL Load Direction	UL Pipe Size	UL Thick.	Pipe Size	FM Thick.
Hangermate®+ Steel - Vertical														
SVH7155J*	1/4-20 X 1" #3	SDS7187	DSTR 100	Vertical	1/4"	20	0.060	0.250	2,370 (0.125")	-	-	-	-	-
Special Order	1/4-20 X 1" #3	SDS7187	-	Vertical	3/8"	-	0.060	0.250	2,370 (0.125")	V	4"	0.060"	-	-
SVH7158J*	1/4-20 X 1" #3 / nut	SDS7187	DSTR 1	Vertical	3/8"	20	0.060	0.250	4,690 (0.125")	V	4"	0.125"	4"	12 ga.
Special Order	1/4-20 X 1-1/2" #5	SDS7187	DSTR 1-1/2	Vertical	3/8"	-	0.188	0.250	3,675 (0.188")	V	4"	0.060"	4"	16 ga.
SVH7154J*	1/4-20 X 1-1/2" #5 / nut	SDS7187	DSTR 1	Vertical	3/8"	20	0.060	0.250	5,810 (0.188")	V	4"	0.125"	4"	12 ga.
Special Order	1/4-20 X 1-1/2" #3	SDS7187	-	Vertical	3/8"	-	0.188	0.250	2,370 (0.125")	V	4"	0.060"	-	-
SVH7160J*	1/4-20 X 1-1/2" #3 / nut	SDS7187	DST 15	Vertical	3/8"	20	0.060	0.250	4,690 (0.125")	V	4"	0.060"	-	-
SVH7157J*	1/4-20 X 2" #3	SDS7187	DST 20	Vertical	3/8"	20	0.060	0.250	2,370 (0.125")	V	4"	0.125"	-	-
Hangermate®+ Steel- Horizontal														
Special Order	1/4-20 X 1" #3	SDS7187	SDW 10	Horizontal	3/8"	-	0.060	0.250	2,570 (0.111")	H	-	-	-	-
SSH7184J*	1/4-20 X 1" #3 / nut	SDS7187	SDWR 1	Horizontal	3/8"	20	0.060	0.250	2,810 (0.111")	H	4"	0.060"	4"	16 ga.
Special Order	1/4-20 X 1-1/2" #3	SDS7187	-	Horizontal	3/8"	-	0.060	0.250	2,570 (0.111")	H	-	-	-	-
SSH7186J*	1/4-20 X 1-1/2" #3 / nut	SDS7187	-	Horizontal	3/8"	20	0.060	0.250	2,810 (0.111")	H	4"	0.060"	4"	16 ga.
Special Order	1/4-20 X 1-1/2" #5	SDS7187	SWT 15	Horizontal	3/8"	-	0.060	0.250	3,530 (0.188")	H	-	-	-	-
SSH7201J*	1/4-20 X 1-1/2" #5 / nut	SDS7187	SWDR 1-1/2	Horizontal	3/8"	20	0.060	0.250	2,810 (0.111")	H	4"	0.060"	4"	16 ga.
Hangermate®+ Pivot For Steel - Angled Application														
38SPHMJ	1/4-20 X 1" #3	PDS7199	SH-DSTR 1	Variable	3/8"	25	0.060	0.188	3,210 (0.188")	V	-	-	-	-
									975 (0.188")	45°	-	-	-	-
38SPHMT5J	12-20 X 1-3/4" #5	PDS7199	SH-TEK 50	Variable	3/8"	25	0.110	0.188	3,270 (0.188")	V	-	-	-	-
									975 (0.188")	45°	-	-	-	-
Special Order	1/4-14 X 1" #3	PDS7199	-	Variable	3/8"	-	0.188	0.500	2,875 (0.188")	V	-	-	-	-
									875 (0.188")	45°	-	-	-	-
Hangermate®+ Suspender For Steel - Dual-Directional														
Special Order	1/4-20 X 1" #3 / nut	SDS7200	-	Vert. & Horiz.	3/8"	-	0.060	0.210	4,690 (0.125")	Vert. & Horiz.	4"	0.060	4"	16 ga.
Special Order	1/4-20 X 1-1/2" #3 / nut	SDS7200	-	Vert. & Horiz.	3/8"	-	0.060	0.210	4,690 (0.125")	Vert. & Horiz.	4"	0.060	4"	16 ga.
Special Order	1/4-20 X 1-1/2" #5 / nut	SDS7200	-	Vert. & Horiz.	3/8"	-	0.188	0.500	4,690 (0.125")	Vert. & Horiz.	4"	0.060	4"	16 ga.
Hangermate®+ Steel - Acoustical Ceiling Screw Eyelet														
Special Order	1/4" X 3"	Special Order	CWSD 1	Vert. & Horiz.	Eyelet Hole 3/16"	-	-	0.060	590 (0.188")	-	-	-	-	-
Special Order	1/4" X 3-1/4"	Special Order	CWSD 2	Vert. & Horiz.	Eyelet Hole 3/16"	-	-	0.060	590 (0.188")	-	-	-	-	-

* Driver Included ** Loads vary depending on steel thickness.



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