

Suspension Hardware

Knife Thread Insert

- Designed as a removable thread
- Will not crush wood fiber

Cat #	Size	Threads per Inch
H25373/16	3/16"	24
H25371/4	1/4"	20
H25373/8	3/8"	16



Eye Nut

(Dimensions in inches)

Cat #	Bolt Size	I.D. Eye
H367914	1/4-20	3/4 x 7/8
H367938	3/8-16	7/8 X 1 1/4
H367912	1/2-13	1 1/4 X 1 1/2



Tee-Nut

- Puts steel thread into wood. Ideal for use with stove bolts, machine screws or threaded rod

Cat #	Size	Threads per Inch
H25383/16	3/16	24
H25381/4	1/4	20
H25385/16	5/16	18
H25383/8	3/8	16



Threaded Rod

- Wrought steel rod with a continuous thread

Cat #	Length	Size Wire	Threads per Inch
H7713610	36"	10	24
H7717210	72"	10	24
H7713614	36"	1/4	20
H7717214	72"	1/4	20
H7713638	36"	3/8	16
H7717238	72"	3/8	16
H7713612	36"	1/2	13
H7717212	72"	1/2	13
H7713658	36"	5/8	11
H7717258	72"	5/8	11
H7713634	36"	3/4	10
H7717234	72"	3/4	10
H771361	36"	1	8
H771721	72"	1	8



Hanger Flange

- Used for fastening a threaded rod to a ceiling

- Made of malleable iron

Cat #	Size
HR18538	3/8"
HR18512	1/2"



Adjustable Beam Clamps

Cat #	Made to Grip Flange
HR2698	4" to 8"
HR2798	5" to 9"



Picture represents HR2698 and HR2798

HR2058	2 1/2" to 6"
HR2059	5 1/2" to 10"
HR2059L	10" to 16"



Picture represents HR2058 - HR2059L



#HR15958L

Adjustable Rod Beam Clamp

- Eyenut with bolt sold separately

Cat. #	Size	Adjust.	Max. Rec Load	#HR15958L
HR15958	5/8"	3 1/2" to 8"	1000 lbs	
HR15958L	5/8"	5" to 14"	1000 lbs	



Scissor Beam Clamp

- Eyenut with bolt sold separately

Cat. #	Weight	Flange Adjust.	Maximum Recommended Load
HRSBC1	8 lbs.	3" to 9"	1 ton
HRSBC2	10.5 lbs.	3" to 9"	2 ton



McGyver Clamp

- Created in our shop by our head rigger (who very often is McGiver like), this clamp allows you to fasten a pipe as close to the iron superstructure as possible, giving you the maximum amount of pipe height.
- Adjustable Rod Beam Clamp joined to half pipe clamp
- Can handle 1 1/4" or 1 1/2" pipe

Cat. #	Size	Adjust.	Max. Rec Load
HR15958MC	5/8"	3 1/2" to 8"	1000 lbs
HR15958MCL	5/8"	5" to 14"	1000 lbs



Pipe Clamps

Steel Batten Clamp

Cat #	For Pipe Size
HR841	1"
HR84114	1 1/4"
HR84112	1 1/2"
HR842	2" (silver color)



Ultimate Tensile

Cat#	Force (lbs.)	Safety Factor	Working Load Limit
HR84	6,149	8	750 lbs.
Failure Type - Pipe Pullout			
Pipe Size Tested- 1 1/4" & 1 1/2"			

Steel Half Batten Clamp

Cat #	For Pipe Size
HR85112	1 1/2"



Aluminum Adjustable Pipe Clamp #HR2019A

- This light weight pipe clamp enables you to attach two pieces of 1 1/2" or 2" pipe at any angle because it has a pin that makes the clamp rigid or swivel.
- No free pipe end needed.
- Fits on 2" truss.



Half Aluminum Pipe Clamp #HR2019A1/2

- This light weight half pipe clamp with 1/2" flat head socket bolt.
- Excellent for mounting Unistrut track to truss.
- Comes with Nylock Nut.



Cross Over Pipe Clamp

- Used to build quick, rigid structures
- Each pipe size plate is compatible with each other allowing you to attach a 1 1/4" pipe at a right angle to a 1 1/2" pipe.
- Uses 4 - 3/8" bolts grade 5 (supplied).

Cat #	For Pipe Size
HR2019C112	1 1/2" to 1 1/2"
HR2019C114	1 1/4" to 1 1/4"
HR2019MX	Mixed one of each 1 1/2" to 1 1/4"



Adjustable Swivel Drop Forged Pipe Clamp #HR2019F

- A heavy duty pipe clamp that enables you to attach two pieces of 1 1/4" or 1 1/2" pipe at any angle
- No free pipe end needed



Ultimate Tensile

Cat#	Force (lbs.)	Safety Factor	Working Load Limit
HR2019F	16,934	8	2000 lbs.
Failure Type - Pin Connector Hole			

Adjustable Rigid Drop Forged Pipe Clamp #HR2019FNS

- A heavy duty pipe clamp that enables you to attach two pieces of 1 1/4" or 1 1/2" pipe at a right angle
- No free pipe end needed



Ultimate Tensile

Cat#	Force (lbs.)	Safety Factor	Working Load Limit
HR2019FNS	17,153	8	2125 lbs.
Failure Type - Pin Connector Hole			

Adjustable Half Pipe Clamp #HR2019F1/2

- Allows you to use a 1/2" bolt through the center of pipe ranging from 1 1/2" to 2"
- No free pipe end needed.
- Fits on 1 1/4 or 1 1/2" pipe



Rota-Lock Pipe Clamp

- Used to build quick, rigid structures



Cat #	Size	Inside Diameter	Outside Diameter	Weight
HR2072114	1 1/4" x 1 1/4"	1.380"	1.660"	1.11 lbs
HR2072112	1 1/2" x 1 1/2"	1.610"	1.900"	1.26 lbs

Ultimate Tensile

Cat#	Force (lbs.)	Safety Factor	Working Load Limit
HR2072	31,073	10	3000 lbs.
Failure Type - Bend near weld			

Pipes & Pipe Sleeves

Pipe End Safety Cap

- Avoid brian damage with these handy thick vinyl end caps
- Makes the end of a pipe batten visible

Cat. #	Size
HRSC	1 1/2"



Trimming Chain

- Used to connect the pipe batten and hanging iron to the flat
- Height can be varied by removing or doubling up on chain links

Cat. #	Length	Description
HR206524	24"	Snap & Ring
HR206530	30"	Snap & Ring
HR206536	36"	Snap & Ring



Pipe Batten

- Standard black pipe length - 21 feet long (can be sleeved together to make longer battens)
- Pipe is sold by inside pipe diameter...not outside. Understand this and you will always order the correct pipe size! Use pipe section below to help determine the outside diameter but use the inside diameter when ordering.

Schedule 40 - Standard Pipe Batten

Cat #	Inside Pipe Diameter	Outside Pipe Diameter	Wall Thickness	Weight per foot
HBP1/2	1/2"	.840"	.109"	.8510
HBP3/4	3/4"	1.050"	.113"	1.131
HBP1	1"	1.315"	.133"	1.679
HBP11/4	1 1/4"	1.660"	.140"	2.273
HBP11/2	1 1/2"	1.900"	.145"	2.718
HBP2	2"	2.375	.154"	3.653

Schedule 80 - Heavy Duty Pipe Batten

Cat #	Inside Pipe Diameter	Outside Pipe Diameter	Wall Thickness	Weight per foot
HBP8011/4	1 1/4"	1.660"	.191"	2.997
HBP8011/2	1 1/2"	1.900"	.200"	3.631

Speed-Rail Pipe

- Standard aluminum pipe length - 20 feet long (can be sleeved together to make longer battens)
- Pipe is sold by inside pipe diameter...not outside. Understand this and you will always order the correct pipe size! Use pipe sections listed here to help determine the outside diameter but use the inside diameter when ordering.

Schedule 40 - Standard

Cat #	Inside Pipe Diameter	Outside Pipe Diameter	Wall Thickness	Weight per foot
SRP34	3/4"	1.050"	.113"	1.131
SRP1	1"	1.315"	.133"	1.679
SRP11/4	1 1/4"	1.660"	.140"	2.273
SRP11/2	1 1/2"	1.900"	.145"	2.718
SRP2	2"	2.375	.154"	3.653

Schedule 80 - Heavy Duty

Cat #	Inside Pipe Diameter	Outside Pipe Diameter	Wall Thickness	Weight per foot
SRP8011/4	1 1/4"	1.660"	.191"	2.997
SRP8011/2	1 1/2"	1.900"	.200"	3.631

Pipe Batten Sleeves

- Inside sleeve splice 18"
- Assemble pipe sections to achieve the desired batten length
- Pipe not included, must drill your own holes.

Cat #	Inside Pipe Diameter	Schedule
HR84011/4	1 1/4"	40
HR84011/2	1 1/2"	40
HR84011/280	1 1/2"	80



12" Modern Pipe Sleeves

- Faster and stronger way to sleeve pipes together
- Contains 4 tightening set screws

Cat. #	Size
GPME010-2019	1"
GPME010-2024	1 1/4"
GPME010-2030	1 1/2"



2" I.P.S.
(2.375 O.D.)

1 1/2" I.P.S.
(1.900 O.D.)

1 1/4" I.P.S.
(1.660 O.D.)

1" I.P.S.
(1.315 O.D.)

3/4" I.P.S.
(1.050 O.D.)

1/2" I.P.S.
(.840 O.D.)

Mutual fabricates custom pipe lengths & custom threading. Contact a sales representative for pricing.