

THIMBLES, FERRULES & WIRE ROPE GRIPS



WIRE ROPE GRIP



COPPER FERRULE



THIMBLE



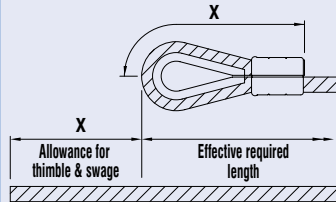
SAILMAKER'S THIMBLE

Stainless Steel thimbles and Copper ferrules are used to create eyes in wire rigging.

Sailmaker's thimbles are particularly resistant to compression under high loads.

Ronstan's Copper ferrules are Nickel plated for aesthetic appearance and long-term weather resistance.

Stainless Steel wire rope grips require no special tools for assembly and can be disassembled and reused.

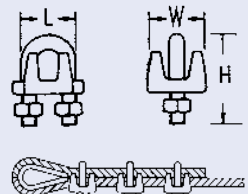
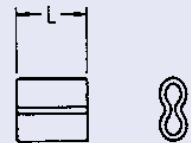
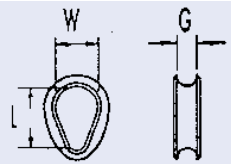
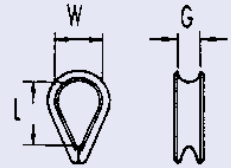


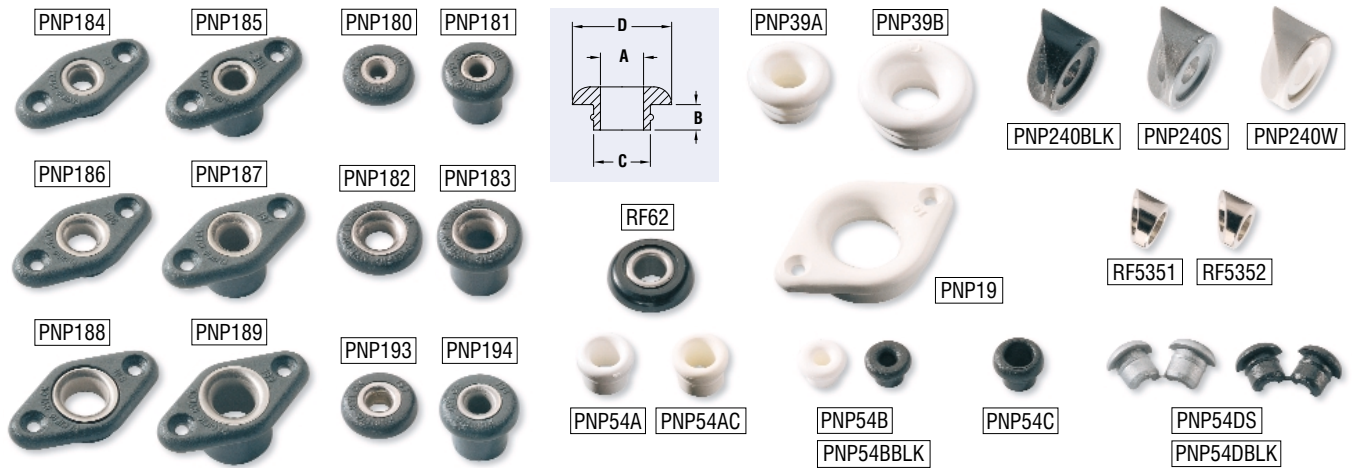
WIRE ALLOWANCE FOR THIMBLE AND FERRULE USE

WIRE DIAM. mm (in.)	THIMBLE PROD. No.	FERRULE PROD. No.	WIRE ALLOWANCE 'X' mm (in.)
2.5 (3/32)	RF481	RF3171	41 (1 5/8)
3 (1/8)	RF482	RF3172	47 (1 7/8)
4 (5/32)	RF483	RF3173	55 (2 3/16)
5 (3/16)	RF484	RF3174	63.5 (2 1/2)

STAINLESS STEEL HARDWARE

PRODUCT No.	SUGGESTED WIRE DIAM. mm (in.)	W mm (in.)	L mm (in.)	G mm (in.)	WEIGHT g (oz)
Thimbles – Stainless Steel					
RF481	2.5 (3/32)	9 (11/32)	16 (5/8)	3 (1/8)	2 (0.1)
RF482	3 (1/8)	10 (3/8)	18 (23/32)	4 (5/32)	2 (0.1)
RF483	4 (5/32)	11 (7/16)	19 (3/4)	5 (3/16)	5 (0.2)
RF484	5 (3/16)	13 (1/2)	23 (29/32)	6 (1/4)	5 (0.2)
RF485	6 (1/4)	15 (19/32)	28 (1 1/8)	7.5 (9/32)	15 (0.5)
RF486	8 (5/16)	21 (13/16)	38 (1 1/2)	10.5 (13/32)	25 (0.9)
RF487	10 (3/8)	27 (1 1/16)	53 (2 1/16)	11.5 (7/16)	40 (1.4)
RF2488	12 (1/2)	29 (1 1/8)	55 (2 3/16)	15.5 (5/8)	65 (2.3)
RF2490	16 (5/8)	40 (1 9/16)	67 (2 5/8)	20 (25/32)	125 (4.4)
RF2492	20 (3/4)	51 (2)	87 (3 7/16)	22 (7/8)	275 (9.7)
RF2494	26 (1)	65 (2 1/2)	115 (4 1/2)	29 (1 1/8)	615 (22.0)
Sailmaker's Thimbles – Stainless Steel					
RF2180	3 (1/8)	9 (11/32)	16 (5/8)	4.5 (3/16)	3 (0.1)
RF2181	4 (5/32)	11 (7/16)	20 (25/32)	5.5 (7/32)	5 (0.2)
RF2182	5 (3/16)	17 (21/32)	27 (1 1/16)	6.3 (1/4)	10 (0.4)
RF2183	6 (1/4)	21 (13/16)	33 (1 5/16)	8.5 (11/32)	20 (0.7)
RF2184	8 (5/16)	26 (1)	40 (1 9/16)	11 (7/16)	40 (1.4)
Copper Ferrules					
RF3169	1.5 (1/16)	-	8 (5/16)	-	2 (0.1)
RF3170	2 (5/64)	-	10 (3/8)	-	2 (0.1)
RF3171	2.5 (3/32)	-	11 (7/16)	-	3 (0.1)
RF3172	3 (1/8)	-	14 (9/16)	-	5 (0.2)
RF3173	4 (5/32)	-	18.5 (23/32)	-	10 (0.4)
RF3174	5 (3/16)	-	19 (3/4)	-	15 (0.5)
RF3175	6 (1/4)	-	20 (25/32)	-	22 (0.8)
Wire Rope Grip					
RF1685-2	2 (5/64)	15 (19/32)	14 (9/16)	17 (11/16)	10 (0.3)
RF1685-4	4 (5/32)	18 (23/32)	19 (3/4)	24 (15/16)	20 (0.7)
RF1685-5	5 (3/16)	21 (13/16)	22 (7/8)	28 (11/8)	30 (1.0)
RF1685-6	6 (1/4)	23 (29/32)	28 (1 1/8)	32 (11/4)	40 (1.4)
RF1685-8	8 (5/16)	28 (1 1/8)	34 (1 3/8)	41 (1 5/8)	80 (2.8)
RF1685-10	10 (3/8)	36 (1 13/32)	45 (1 3/4)	50 (2)	140 (4.9)
RF1685-12	12 (1/2)	38 (1 1/2)	51 (2)	61 (2 13/32)	220 (7.7)





Nylon bushes provide chafe protection where lines pass through decks, bulkheads or spars.

Bushes with Stainless Steel liners offer increased abrasion resistance. They are available for various line diameters and wall thicknesses. Low profile versions without

mounting screws may be glued or pressed into place.

PNP54AC, PNP54B and PNP54C are suitable for mounting on round or curved surfaces, and allow threaded swage terminals for 3mm (1/8") and 4mm (5/32") to pass through.

Split bushes can be installed or replaced without removing the rope or wire from the hole.

Bevelled washers are used to compensate for angled balustrading terminations in applications such as stairways.

PRODUCT No.	MATERIAL	D mm	D (in.)	A mm	A (in.)	B mm	B (in.)	C mm	C (in.)	WEIGHT g	WEIGHT (oz)
Nylon Bushes – Screw Mount											
PNP19	Nylon	-	-	19.0	(3/4)	8.0	(5/16)	34.0	(1 3/8)	8	(0.3)
PNP184	Nylon, Stainless Steel Lined	-	-	6.0	(7/32)	5.0	(3/16)	15.0	(5/8)	4	(0.1)
PNP185	Nylon, Stainless Steel Lined	-	-	6.0	(7/32)	14.0	(9/16)	14.0	(5/8)	6	(0.2)
PNP186	Nylon, Stainless Steel Lined	-	-	7.0	(9/32)	5.0	(3/16)	16.0	(5/8)	5	(0.2)
PNP187	Nylon, Stainless Steel Lined	-	-	7.0	(9/32)	14.0	(9/16)	16.0	(5/8)	8	(0.3)
PNP188	Nylon, Stainless Steel Lined	-	-	11.0	(7/16)	5.0	(3/16)	20.0	(3/4)	5	(0.2)
PNP189	Nylon, Stainless Steel Lined	-	-	11.0	(7/16)	14.0	(9/16)	19.0	(3/4)	10	(0.4)
Nylon Bushes – Push/Glue In											
PNP39A	Nylon	22.0	(7/8)	10.0	(3/8)	13.0	(1/2)	16.0	(5/8)	3	(0.1)
PNP39B	Nylon	31.0	(1 1/4)	12.5	(1/2)	13.0	(1/2)	25.5	(1)	4	(0.1)
PNP54A	Nylon	16.0	(5/8)	8.0	(5/16)	9.0	(3/8)	12.5	(1/2)	1	(0.1)
PNP54AC	Nylon	16.0	(5/8)	8.0	(5/16)	10.5	(13/32)	12.7	(1/2)	1	(0.1)
PNP54B	Nylon	11.5	(7/16)	4.5	(5/32)	6.3	(1/4)	8.0	(5/16)	1	(0.1)
PNP54BBLK	Nylon	11.5	(7/16)	4.5	(5/32)	6.3	(1/4)	8.0	(5/16)	1	(0.1)
PNP54C	Nylon	13.0	(1/2)	7.2	(9/32)	7.2	(9/32)	9.0	(23/64)	1	(0.1)
PNP54DBLK	Nylon	13.0	(1/2)	4.0	(5/32)	7.0	(9/32)	8.0	(5/16)	1	(0.1)
PNP54DS	Nylon	13.0	(1/2)	4.2	(5/32)	7.5	(9/32)	9.0	(11/32)	1	(0.1)
PNP180	Nylon, Stainless Steel Lined	18.5	(3/4)	4.0	(5/32)	5.0	(3/16)	13.0	(1/2)	3	(0.1)
PNP181	Nylon, Stainless Steel Lined	18.5	(3/4)	4.0	(5/32)	14.0	(9/16)	13.0	(1/2)	5	(0.1)
PNP182	Nylon, Stainless Steel Lined	22.0	(7/8)	7.0	(9/32)	5.0	(3/16)	16.0	(5/8)	4	(0.1)
PNP183	Nylon, Stainless Steel Lined	22.0	(7/8)	7.0	(9/32)	14.0	(9/16)	16.0	(5/8)	7	(0.3)
PNP193	Nylon	20.0	(3/4)	5.8	(7/32)	4.8	(3/16)	14.5	(9/16)	3	(0.1)
PNP194	Nylon	20.0	(3/4)	5.8	(7/32)	13.5	(17/32)	14.5	(9/16)	6	(0.2)
RF62	Nylon, Stainless Steel Lined	22.5	(7/8)	8.0	(5/16)	6.5	(1/4)	13.0	(1/2)	5	(0.2)
PRODUCT No.	MATERIAL	WASHER OD mm (in.)		WASHER ID mm (in.)		ANGLE Degrees		WEIGHT g (oz)			
Bevelled Washers											
PNP240BLK	Nylon	18.6	(23/32)	6.8	(1/4)	37		2 (0.1)			
PNP240S	Nylon	18.6	(23/32)	6.8	(1/4)	37		2 (0.1)			
PNP240W	Nylon	18.6	(23/32)	6.8	(1/4)	37		2 (0.1)			
RF5351	Stainless Steel	11.0	(7/16)	7.9	(5/16)	30		2 (0.1)			
RF5352	Stainless Steel	11.0	(7/16)	6.4	(1/4)	30		2 (0.1)			