

merchandising solutions



single sided floor standing merchandiser

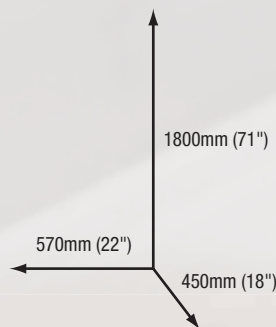
The PowerCoil floor standing merchandiser is the ideal marketing tool for distributors requiring a wide range of sizes and a strong visual presence.

This merchandiser is shipped with simple and easy to follow assembly instructions. No tools are required. You'll be ready to sell PowerCoil's range of wire thread inserts and kits within 15 minutes.



This merchandiser features;

- Strong visual presence
- Informative header card illustrating the 4 simple steps for successful thread repair
- Holds a large range of stock
- Both PowerCoil kit racks feature moveable hooks for simple range customisation
- Handy shelf for displaying range kits and other items that don't hang sell
- Heavy duty tubular steel construction
- Simple to assemble
- Adjustable levelling feet at the front
- Locking casters at the back

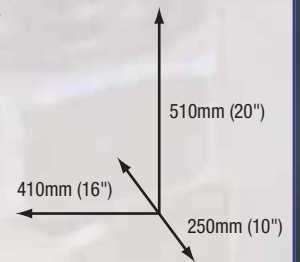


double sided bench merchandiser



A compact, double sided, free standing bench top merchandiser offering flexible stocking options.

- Moveable hooks simplify the merchandising of customised ranges
- Bright and eye catching double sided backing card
- Flat packs for easy transportation
- Heavy duty construction

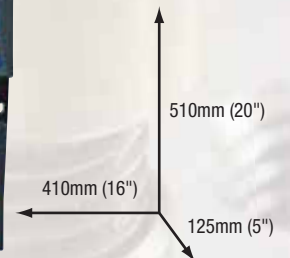


slat wall or peg board wall merchandiser



A compact, merchandising rack offering flexible stocking options. Supplied with universal brackets to attached to either slat wall or peg board.

- Moveable hooks simplify the merchandising of customised ranges
- Bright and eye catching backing card
- Heavy duty construction



SIZE	KIT PART #	INSERT PART #
METRIC		
M2-0.4	3520-2.00K	3520-2.00X1.5D
M2.2-0.4	3520-2.20K	3520-2.20X1.5D
M2.5-0.45	3520-2.50K	3520-2.50X1.5D
M3-0.5	3520-3.00K	3520-3.50X1.5D
M3.5-0.6	3520-3.50K	3520-3.50X1.5D
M4-0.7	3520-4.00K	3520-4.00X1.5D
M5-0.8	3520-5.00K	3520-5.00X1.5D
M6-1.0	3520-6.00K	3520-6.00X1.5D
M7-1.0	3520-7.00K	3520-7.00X1.5D
M8-1.25	3520-8.00K	3520-8.00X1.5D
M8-1.0	3521-8.00K	3521-8.00X1.5D
M9-1.25	3520-9.00K	3520-9.00X1.5D
M10-1.5	3520-10.00K	3520-10.00X1.5D
M10-1.25	3521-10.00K	3521-10.00X1.5D
M10-1.0	3523-10.00K	3523-10.00X1.5D
M11-1.5	3520-11.00K	3520-11.00X1.5D
M11-1.25	3521-11.00K	3521-11.00X1.5D
M11-1.0	3523-11.00K	3523-11.00X1.5D
M12-1.75	3520-12.00K	3520-12.00X1.5D
M12-1.5	3521-12.00K	3521-12.00X1.5D
M12-1.25	3523-12.00K	3523-12.00X1.5D
M12-1.0	3524-12.00K	3524-12.00X1.5D
M14-2.0	3520-14.00K	3520-14.00X1.5D
M14-1.5	3521-14.00K	3521-14.00X1.5D
M14-1.25	3523-14.00K	3523-14.00X1.5D
M14-1.0	3524-14.00K	3524-14.00X1.5D
M16-2.0	3520-16.00K	3520-16.00X1.5D
M16-1.5	3521-16.00K	3521-16.00X1.5D
M18-2.5	3520-18.00K	3520-18.00X1.5D
M18-2.0	3521-18.00K	3521-18.00X1.5D
M18-1.5	3523-18.00K	3523-18.00X1.5D
M20-2.5	3520-20.00K	3520-20.00X1.5D
M20-2.0	3521-20.00K	3521-20.00X1.5D
M20-1.5	3523-20.00K	3523-20.00X1.5D
M22-2.5	3520-22.00K	3520-22.00X1.5D
M22-2.0	3521-22.00K	3521-22.00X1.5D
M22-1.5	3523-22.00K	3523-22.00X1.5D
M24-3.0	3520-24.00K	3520-24.00X1.5D
M24-2.0	3521-24.00K	3521-24.00X1.5D
M24-1.5	3523-24.00K	3523-24.00X1.5D
M26-1.5	3523-26.00K	3523-26.00X1.5D
M27-3.0	3520-27.00K	3520-27.00X1.5D
M27-2.0	3521-27.00K	3521-27.00X1.5D
M27-1.5	3523-27.00K	3523-27.00X1.5D
M28-1.5	3523-28.00K	3523-28.00X1.5D
M30-3.5	3520-30.00K	3520-30.00X1.5D
M30-2.0	3521-30.00K	3521-30.00X1.5D
M30-1.5	3523-30.00K	3523-30.00X1.5D
M33-3.5	3520-33.00K	3520-33.00X1.5D
M33-2.0	3521-33.00K	3521-33.00X1.5D
M36-4.0	3520-36.00K	3520-36.00X1.5D
M36-3.0	3521-36.00K	3521-36.00X1.5D
M36-2.0	3523-36.00K	3523-36.00X1.5D
M36-1.5	3524-36.00K	3524-36.00X1.5D

SIZE	KIT PART #	INSERT PART #
UNC		
2-56	3532-2GK	3532-2GX1.5D
4-40	3532-4GK	3532-4GX1.5D
5-40	3532-4GK	3532-5GX1.5D
6-32	3532-6GK	3532-6/32X1.5D
8-32	3532-8GK	3532-8/32X1.5D
10-24	3532-10GK	3532-10/24X1.5D
12-24	3532-12GK	3532-12GX1.5D
1/4-20	3532-1/4K	3532-1/4X1.5D
5/16-18	3532-5/16K	3532-5/16X1.5D
3/8-16	3532-3/8K	3532-3/8X1.5D
7/16-14	3532-7/16K	3532-7/16X1.5D
1/2-13	3532-1/2K	3532-1/2X1.5D
9/16-12	3532-9/16K	3532-9/16X1.5D
5/8-11	3532-5/8K	3532-5/8X1.5D
3/4-10	3532-3/4K	3532-3/4X1.5D
7/8-9	3532-7/8K	3532-7/8X1.5D
1-8	3532-1K	3532-1X1.5D
1 1/8-7	3532-1.1/8K	3532-1.1/8X1.5D
1 1/4-7	3532-1.1/4K	3532-1.1/4X1.5D
1 3/8-6	3532-1.3/8K	3532-1.3/8X1.5D
1 1/2-6	3532-1.1/2K	3532-1.1/2X1.5D

SIZE	KIT PART #	INSERT PART #
UNF		
4-48	3534-4GK	3534-4GX1.5D
6-40	3534-6GK	3534-6GX1.5D
8-36	3534-8GK	3534-8GX1.5D
10-32	3534-10GK	3534-10/32X1.5D
1/4-28	3534-1/4K	3534-1/4X1.5D
5/16-24	3534-5/16K	3534-5/16X1.5D
3/8-24	3534-3/8K	3534-3/8X1.5D
7/16-20	3534-7/16K	3534-7/16X1.5D
1/2-20	3534-1/2K	3534-1/2X1.5D
9/16-18	3534-9/16K	3534-9/16X1.5D
5/8-18	3534-5/8K	3534-5/8X1.5D
3/4-16	3534-3/4K	3534-3/4X1.5D
7/8-14	3534-7/8K	3534-7/8X1.5D
1-12	3534-1K	3534-1X1.5D
1-14	3535-1K	3535-1X1.5D
1 1/8-12	3534-1.1/8K	3534-1.1/8X1.5D
1 1/4-12	3534-1.1/4K	3534-1.1/4X1.5D
1 3/8-12	3534-1.3/8K	3534-1.3/8X1.5D
1 1/2-12	3534-1.1/2K	3534-1.1/2X1.5D

SIZE	KIT PART #	INSERT PART #
SPARK PLUG		
M10-1.0	3522-10.00K	3522-10.00X1/2
		3522-10.00X.339
M12-1.25	3522-12.00K	3522-12.00X1/2
		3522-12.00X3/4
M14-1.25	3532-14.00K1	3522-14.00X3/8
		3522-14.00X1/2
		3522-14.00X3/4

SIZE	KIT PART #	INSERT PART #
BFS		
3/16-32	3530-3/16K	3530-3/16X1.5D
1/4-26	3530-1/4K	3530-1/4X1.5D
5/16-22	3530-5/16K	3530-5/16X1.5D
3/8-20	3530-3/8K	3530-3/8X1.5D
7/16-18	3530-7/16K	3530-7/16X1.5D
1/2-16	3530-1/2K	3530-1/2X1.5D
9/16-16	3530-9/16K	3530-3/16X1.5D
5/8-14	3530-5/8K	3530-5/8X1.5D
3/4-12	3530-3/4K	3530-3/4X1.5D
7/8-11	3530-7/8K	3530-7/8X1.5D
1-10	3530-1K	3530-1X1.5D

SIZE	KIT PART #	INSERT PART #
BSP		
1/8-28	3546-1/8K	3546-1/8X1.5D
1/4-19	3546-1/4K	3546-1/4X1.5D
3/8-19	3546-3/8K	3546-3/8X1.5D
1/2-14	3546-1/2K	3546-1/2X1.5D
5/8-14	3546-5/8K	3546-5/8X1.5D
3/4-14	3546-3/4K	3546-3/4X1.5D
7/8-14	3546-7/8K	3546-7/8X1.5D
1-11	3545-1K	3545-1X1.5D

SIZE	KIT PART #	INSERT PART #
BSW		
3/16-24	3528-3/16K	3528-3/16X1.5D
1/4-20	3528-1/4K	3528-1/4X1.5D
5/16-18	3528-5/16K	3528-5/16X1.5D
3/8-16	3528-3/8K	3528-3/8X1.5D
7/16-14	3528-7/16K	3528-7/16X1.5D
1/2-12	3528-1/2K	3528-1/2X1.5D
9/16-12	3528-9/16K	3528-9/16X1.5D
5/8-11	3528-5/8K	3528-5/8X1.5D
3/4-10	3528-3/4K	3528-3/4X1.5D
7/8-9	3528-7/8K	3528-7/8X1.5D
1-8	3528-1K	3528-1X1.5D

SIZE	KIT PART #	INSERT PART #
NPT		
1/8-27	3552-1/8K	3552-1/8X1.5D
1/4-18	3552-1/4K	3552-1/4X1.5D
3/8-18	3552-3/8K	3552-3/8X1.5D
1/2-14	3552-1/2K	3552-1/2X1.5D
3/4-14	3552-3/4K	3552-3/4X1.5D
1-11 1/2	3552-1K	3552-1X1.5D

SIZE	KIT PART #	INSERT PART #
8-PITCH		
1.1/8-8	3570-1.1/8K	3570-1.1/8X1.5D
1.1/4-8	3570-1.1/4K	3570-1.1/4X1.5D
1.3/8-8	3570-1.3/8K	3570-1.3/8X1.5D
1.1/2-8	3570-1.1/2K	3570-1.1/2X1.5D
1.5/8-8	3570-1.5/8K	3570-1.5/8X1.5D
1.3/4-8	3570-1.3/4K	3570-1.3/4X1.5D
1.7/8-8	3570-1.7/8K	3570-1.7/8X1.5D
2-8	3570-2K	3570-2X1.5D

SIZE	KIT PART #
UNC RANGE KIT	
1/4-20, 5/16-18, 3/8-16,	3532-WK1
7/16-14, 1/2-13	

SIZE	KIT PART #
UNF RANGE KIT	
1/4-28, 5/16-24, 3/8-24,	3534-WK1
7/16-20, 1/2-20	

SIZE	KIT PART #
METRIC RANGE KIT	
M5-8, M6-1, M8-1.25,	3520-WK1
M10-1.5, M12-1.75	

SIZE	KIT PART #
METRIC RANGE KIT	
M5-8, M6-1, M8-1.25,	3522-WK4
M10-1.5, M12-1.75,	
M14-1.25 SPARKPLUG	



Manufactured from high quality chromium nickel stainless steel, PowerCoil Wire Thread Inserts provide high strength internal threads that resist the effects of temperature and corrosion. Their unique design ensures superior threads whose compound performance cannot be reproduced by any other single fastening method. Available in two basic forms, free running or screw locking, they are much lighter and less expensive than any other equivalent type of thread insert and because of their compact size they can generally be incorporated into existing designs where no previous provision has been made.

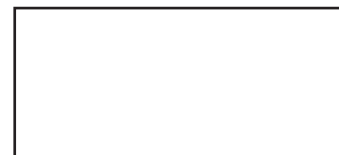
Free Running

Produced from precision profiled austenitic stainless steel wire wound into a helical spiral, PowerCoil free running inserts have a spring like appearance. When installed, using any one of a variety of manual or automatic tools, they provide strong permanent internal threads which resist heat and corrosion. Once fitted, their position is maintained by the action of radial pressure between their coils and the flanks of the tapped hole. This pressure exists because their free diameter is larger by a calculated amount, than their installed diameter.

Screw Locking

Screw locking (or prevailing torque) inserts are of particular value in applications subject to the effects of cyclic vibration or impact. In addition to the benefits afforded by free running inserts, PowerCoil screw locking inserts offer the additional security of prevailing locking torque. This is achieved by the action of one or more polygonal grip coils positioned within the insert's length, which exert radial pressure on the male thread. Each grip coil consists of a number of tangential locking chords which protrude inside the minor diameter of the normal free running coils. As the male thread passes through these grip coils, the locking flats are displaced thus exerting radial pressure or prevailing torque on the male thread. On removal of the male thread, the locking coils relax to their original form permitting repeated assembly whilst retaining a measurable level of prevailing torque.

Note It is recommended that only close fit plated or lubricated bolts or screws are used with screw locking inserts.



Features & Benefits

For many years, helically coiled wire thread inserts have been vastly underestimated. The popular misconception that they were designed for the repair of damaged threads has given this unique fastener a false image.

They are much lighter and less expensive than any other equivalent type of thread insert and because of their compact size, can generally be introduced into

existing designs where no previous provision has been made. Unlike many other economic measures, their introduction increases quality and performance whilst reducing overall product cost. Their introduction may result in the use of thinner sections or lighter parent materials without sacrificing thread strength.

They protect tapped threads against failures due to stripping, seizing, corrosion and wear. PowerCoil wire thread inserts are produced from austenitic stainless steel wire which is work hardened to a tensile

strength above 200,000psi and a hardness of Rc43-50. The inserts have an exceedingly smooth surface finish which virtually eliminates friction-induced thread erosion.

The continuous helically coiled design negates the need for thick wall structures to support the internal and external threads - the diamond profile wire coil IS the thread. PowerCoil wire thread inserts can be installed in reduced size bosses or flanges and within constricted areas - saving space and weight while

providing high strength. A boss radius equal to the nominal bolt diameter is usually sufficient.

A complete range of installation tools are available to suit specific production techniques. A range of hand tools exist for small runs and repairs; electric and pneumatic tools are available for high volume production requirements.