

# XT<sup>for</sup> Fixed Cartridge Filters



## Applications:

- Rotating Equipment
- Hydraulic Systems
- Gas & Diesel Engines
- For most cartridge filters

Order part # based on outside diameter of filter housing

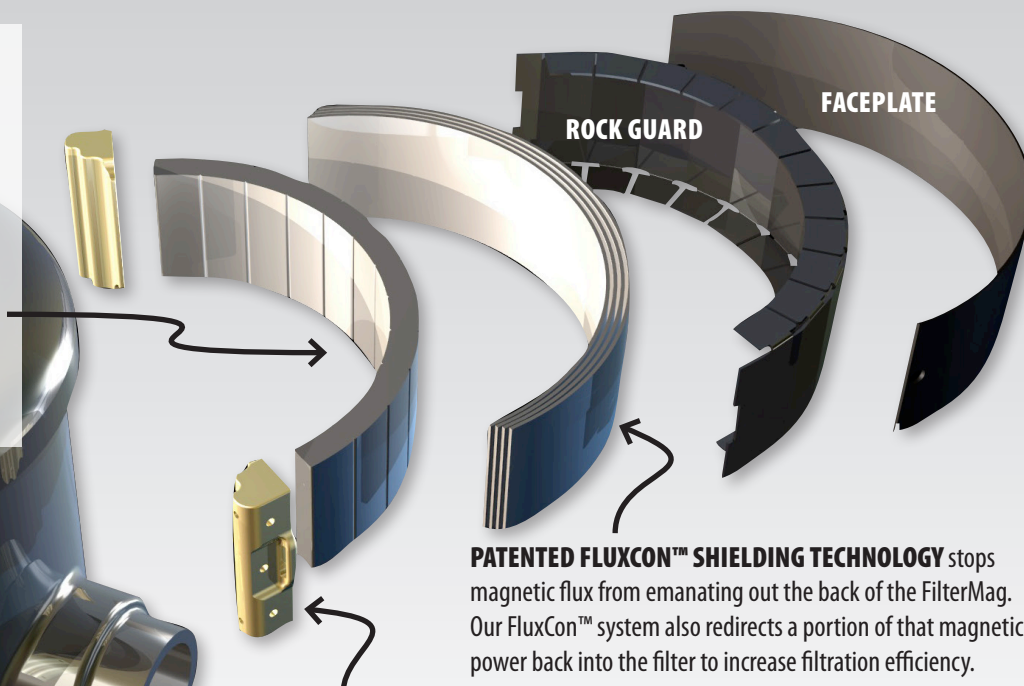
Pairs		Fits Outside Housing Diameters		Dimensions			
Part#	Qty.	Minimum	Maximum*	Height: Faceplate/Endcap	Thickness: Faceplate/Endcap	Arc (Max)	Weight
XT4PR	2-ea.	3.8 in (96 mm)	4.8 in (122 mm)	2.7" (68mm)/3.24" (82mm)	.9"(23mm)/1.4" (36mm)	330°	7.0 lb (3.2 kg)
XT5PR	2-ea.	4.8 in (122 mm)	5.8 in (147 mm)	2.7" (68mm)/3.24" (82mm)	.9"(23mm)/1.4" (36mm)	340°	9.0 lb (4.1 kg)
XT6PR	2-ea.	5.8 in (147 mm)	6.8 in (173 mm)	2.7" (68mm)/3.24" (82mm)	.9"(23mm)/1.4" (36mm)	344°	11.0 lb (5.0 kg)
XT7PR	2-ea.	6.8 in (173 mm)	7.8 in (198 mm)	2.7" (68mm)/3.24" (82mm)	.9"(23mm)/1.4" (36mm)	348°	13.0 lb (5.9 kg)
XT8PR	2-ea.	7.8 in (198 mm)	8.8 in (224 mm)	2.7" (68mm)/3.24" (82mm)	.9"(23mm)/1.4" (36mm)	350°	15.0 lb. (6.8 kg)
<b>Single Replacement—Special Order</b>							
XT4	1-ea.	3.8 in (96 mm)	4.8 in (122 mm)	2.7" (68mm)/3.24" (82mm)	.9"(23mm)/1.4" (36mm)	165°	3.5 lb (1.6 kg.)
XT5	1-ea.	4.8 in (122 mm)	5.8 in (147 mm)	2.7" (68mm)/3.24" (82mm)	.9"(23mm)/1.4" (36mm)	170°	4.5 lb (3.0 kg.)
XT6	1-ea.	5.8 in (147 mm)	6.8 in (173 mm)	2.7" (68mm)/3.24" (82mm)	.9"(23mm)/1.4" (36mm)	172°	5.5 lb (3.5 kg.)
XT7	1-ea.	6.8 in (173 mm)	7.8 in (198 mm)	2.7" (68mm)/3.24" (82mm)	.9"(23mm)/1.4" (36mm)	174°	6.5 lb (2.9 kg.)
XT8	1-ea.	7.8 in (198 mm)	8.8 in (224 mm)	2.7" (68mm)/3.24" (82mm)	.9"(23mm)/1.4" (36mm)	175°	7.5 lb. (3.4 kg.)

**Operating Temperature Range:** -40F to +302F (-40C to +150C) • **Magnet Type:** N42SH (High Temperature Nd-Fe-B alloy) with Ni-Cu-Ni plating

\*Maximum size may be significantly less on Aluminum and Plastic Housings.

## FilterMag XT: Powerful—Focused—Magnetic Field Technology

**XTREMELY POWERFUL, HEAT-RESISTANT NEODYMIUM ALLOY MAGNETS** are engineered to focus a magnetic field inside your filter through even the thickest canister walls. Specifically formulated to remain effective in the most extreme environments, our magnets are guaranteed to remove particles from oil operating at up to 300°F while most magnets start losing magnetism at 180°F. **CAUTION: FilterMag XT magnets are so powerful that any installation on steel filter canisters should be considered permanent.**

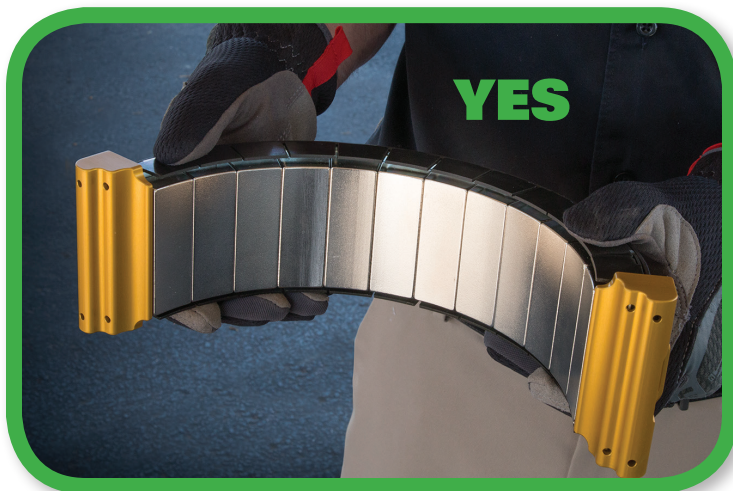


**PATENTED FLUXCON™ SHIELDING TECHNOLOGY** stops magnetic flux from emanating out the back of the FilterMag. Our FluxCon™ system also redirects a portion of that magnetic power back into the filter to increase filtration efficiency.

**SECURITY END CAPS** integrate all the parts of a FilterMag XT while allowing enough flexibility to fit a range of filter housing sizes. Our proprietary anchoring technology ensures component integrity even under extended periods of extreme vibration. Built in slots for use with stainless steel band clamps allow attachment to aluminum filter housings or for redundant security when used in an overhead environment.

# XT Installation Instructions

## How to hold the XT during installation



Correct way to hold the XT during installation.



Don't let your fingers get between the magnets and the filter housing or serious injury could result.

1. The **FilterMag XT Series** is designed for **permanent installation** on cartridge



style oil filter housings with diameters from 3.8"–8.8" (96mm–224mm). **NEVER ATTEMPT TO PRY OFF A FILTERMAG WITH A SCREWDRIVER.**

2. Choose a location for installation near the open end of the oil filter housing. Installation location should be free of obstructions, debris and dirt.

**WEAR SAFETY GLASSES.**

3. Hold the XT by the edges as shown. Position the XT near the intended installation location. As you get close to the oil filter housing, the powerful magnets of the FilterMag will suddenly pull the XT onto the housing. **CAUTION! EXTREME MAGNETIC ENERGY! Objects, clothing, gloves, and fingers can become permanently trapped between the FilterMag XT and the oil filter housing during installation.**

4. **Aluminum Housings**—Use a band clamp through the slots on the XT's end caps to position and secure the XT to the housing.

5. **Clean Out**—When replacing the filter cartridge, reach inside the housing with a clean, lint free, damp cloth and wipe away the wear causing particles captured by the FilterMag XT.



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## FilterMag Limited Industrial Product Warranty

We warrant this FilterMag to be free from manufacturing defects for a period of five years from the date of purchase for CT or XT Series products or other FilterMag products specifically designated for use in industrial applications. All implied warranties are only valid for the same periods. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. At our discretion we will repair or replace, at no charge to you, any FilterMag found to be defective in materials or workmanship within the specified coverage period. This warranty does not apply to damage from improper handling resulting in damage to the plating of magnetic surfaces. This warranty does not apply to damage resulting from accident, abnormal use, misuse, abuse, neglect, or failure to follow the manufacturer's instructions. We specifically disclaim all warranties whether implied or expressed when FilterMag industrial products are used in consumer or personal use applications. We will not be liable for damages whether incidental, consequential or otherwise, resulting from a defective FilterMag. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights and you may also have other rights which vary from state to state. To file a warranty claim please contact us: [Returns@FilterMag.com](mailto>Returns@FilterMag.com)

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# CT for Spin-on Filters



## Applications:

- Gas & Diesel Engines
- Rotating Equipment
- Hydraulic Systems
- Diesel Fuel Filtration
- For most spin-on filter applications

Order part # based on oil filter diameter

Pairs		Fits Spin-on Filter Diameters		Dimensions			
Part #	Qty.	Minimum	Maximum*	Height	Thickness	Arc (Max)	Weight
CT3.2PR	2-ea.	2.9 in (74 mm)	3.5 in (89 mm)	2.65 in (67 mm)	.34 in (8.6 mm)	360°	18 oz (.52 kg)
CT3.8PR	2-ea.	3.6 in (91 mm)	4.3 in (109 mm)	2.65 in (67 mm)	.35 in (8.9 mm)	360°	28 oz (.80 kg)
CT4.9PR	2-ea.	4.4 in (112 mm)	5.5 in (140 mm)	2.95 in (75 mm)	.36 in (9.1 mm)	360°	38 oz (1.08 kg)
<b>Single Replacement—Special Order</b>							
CT3.2	1-ea.	2.9 in (74 mm)	3.5 in (89 mm)	2.65 in (67 mm)	.34 in (8.6 mm)	180°	9 oz (.26 kg)
CT3.8	1-ea.	3.6 in (91 mm)	4.3 in (109 mm)	2.65 in (67 mm)	.35 in (8.9 mm)	180°	14 oz (.40 kg)
CT4.9	1-ea.	4.4 in (112 mm)	5.5 in (140 mm)	2.95 in (75 mm)	.36 in (9.1 mm)	180°	19 oz (.54 kg)

**Operating Temperature Range:** -40F to +302F (-40C to +150C) • **Magnet Type:** N42SH (High Temperature Nd-Fe-B alloy) with Ni-Cu-Ni plating

\*Maximum size may be significantly less on Aluminum and Plastic Housings.

## SNAP ON • SLIDE OFF • REUSE

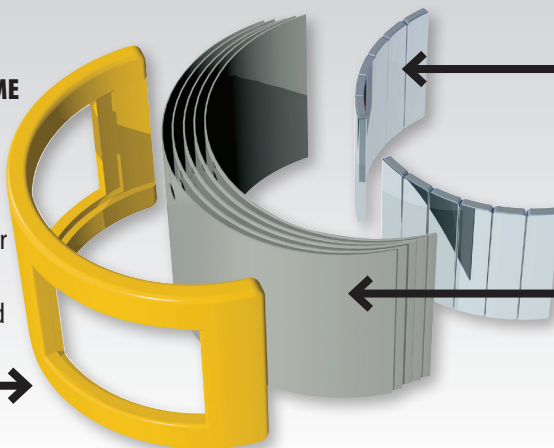


1. Install two or more FilterMags on each spin-on filter opposite each other near the threaded end.  
**Wear safety glasses.**
2. Re-use FilterMags by sliding them off the old filter and snapping them on a new one when the filter is changed.
3. **Never attempt to pry off a FilterMag.**

## FilterMag CT: Powerful—Focused—Magnetic Field Technology

### 1. RUGGED FLEXIBLE FRAME

encases and protects the elements of a FilterMag while providing enough flexibility to fit a range of filter diameters. Our proprietary design and materials are rated for temperatures from -40°F to +300°F.



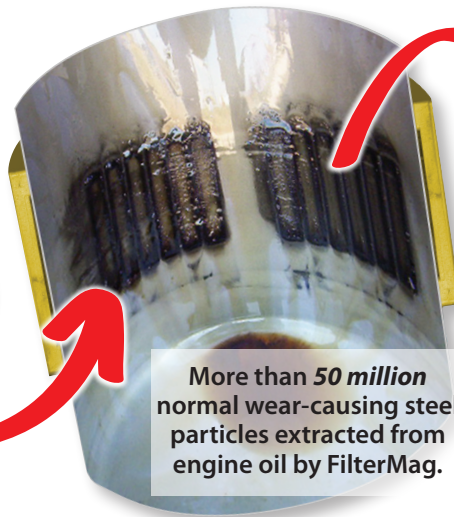
### 2. POWERFUL, HEAT-RESISTANT NEODYMIUM ALLOY

**MAGNETS** are engineered to focus a magnetic field inside your filter. Specifically formulated to remain effective in the most extreme environments, our magnets are guaranteed to remove particles from oil operating at up to 300°F while most magnets start losing magnetism at 180°F.

**3. PATENTED FLUXCON™ SHIELDING TECHNOLOGY** stops magnetic flux which could damage electronic components. Not even a paper clip will stick to the outside of a FilterMag. Our FluxCon™ system also redirects a portion of that magnetic power back into the filter to increase filtration efficiency.



# If Lubrication Were Perfect, Nothing Would Ever Wear Out.



More than 50 million normal wear-causing steel particles extracted from engine oil by FilterMag.

Microscopic Equipment Killers



## ***FILTERMAG®*** ***RESULTS*** ***Outside—*** ***Inside***

Magnified view of damaging steel particles small enough to pass through any standard filter.  
***All captured by FilterMag.***

Within the tight tolerances of today's equipment, normal wear generates tiny steel particles that remain suspended in oil. These particles are so small they pass through the most advanced oil filtration systems.

When the oil circulates back into the equipment, these same particles are carried into every lubricated space. This particle laden oil will continue to lubricate, but it will also cause an exponential increase in wear while it circulates. The longer oil remains in the system, the greater the wear.

**FilterMag extracts normal, wear causing, steel particles from oil with its powerful, focused, magnetic field technology**

These particles are permanently trapped on the inside wall of the filter and are thrown away when you change the filter. Slide the FilterMag off the old filter; snap it onto a new one and it goes right back to work protecting your equipment.

**FilterMag's multi-patented technologies have been shown to reduce wear, increase reliability, lower maintenance costs, and extend equipment life by 30%, 60% or more.**



### **FilterMag Limited Industrial Product Warranty**

We warrant this FilterMag to be free from manufacturing defects for a period of five years from the date of purchase for CT or XT Series products or other FilterMag products specifically designated for use in industrial applications. All implied warranties are only valid for the same periods. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. At our discretion we will repair or replace, at no charge to you, any FilterMag found to be defective in materials or workmanship within the specified coverage period. This warranty does not apply to damage from improper handling resulting in damage to the plating of magnetic surfaces. This warranty does not apply to damage resulting from accident, abnormal use, misuse, abuse, neglect, or failure to follow the manufacturer's instructions. We specifically disclaim all warranties whether implied or expressed when FilterMag industrial products are used in consumer or personal use applications. We will not be liable for damages whether incidental, consequential or otherwise, resulting from a defective FilterMag. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights and you may also have other rights which vary from state to state. To file a warranty claim please contact us: [Returns@FilterMag.com](mailto>Returns@FilterMag.com)

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