

# HKS OIL FILTER

## エンジンに強い!!

## HKSが創る最強オイルフィルター

Trust Us With Your Engine!! The Greatest Oil Filter from HKS

**エンジンを守る! 集塵力大幅アップ** Protect the Engine!  
Outstanding Filtration Performance.

■強力ネオジウム磁石で鉄粉を捕獲

より強力な磁石で微細な鉄粉も確実に捕獲

**Neodymium Magnet**

Powerful neodymium magnet collects ferrous metal deposits.

■超高効率フィルター

HKS独自開発高効率濾紙で集塵性を大幅アップ

**High Efficiency Filter**

Bespoke high efficiency filter enhances particle collection performance.

■スーパーステルスフレーム

よりスムーズな油流と高剛性を両立

**Super Stealth Frame**

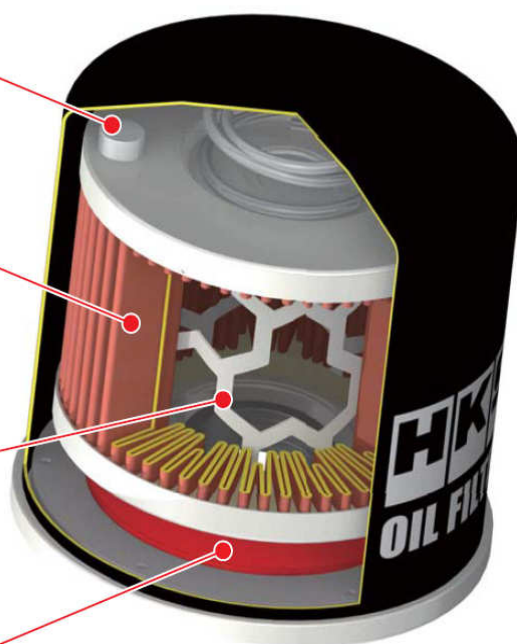
Smooth oil flow & high structural rigidity.

■シリコンベースフラップ

オイルの逆流を防止し異物の流出を防ぐ

**Silicon Base Flap**

Backflow of oil and outflow of foreign objects are properly prevented.



Utilizing the filter original designed for HKS Oil Filter and increasing its filter surface area by 15%, compared with a conventional product, greatly improved particle collection performance. HKS Oil Filter's minimum particle size is 20 $\mu$  compared with 25 $\mu$  of JIS standard which corresponds to the filtration performance requirement of most engines. It is recommended to replace a filter every 10,000 km or 6 months under the normal driving environment. For sports and/or race use, it is recommend to replace a filter every 3,000 km - 5,000km.

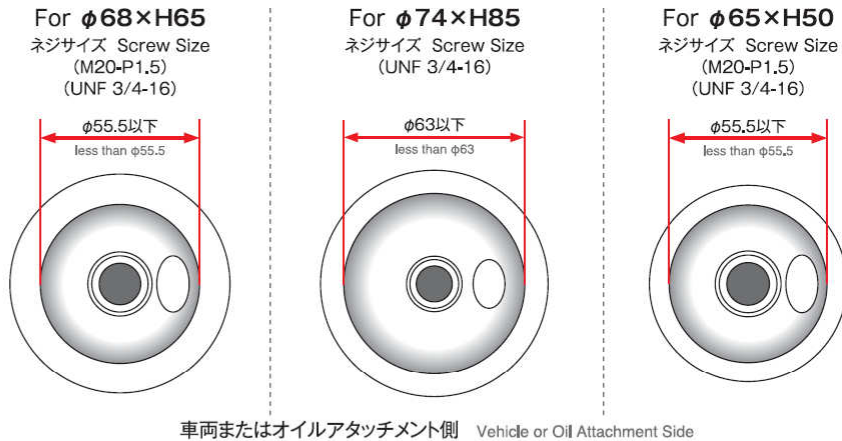
$\phi$ 65 x H50 is newly released. This new size filter is available for the latest Kei cars and vehicle equipped with an oil cooler that needs a low height filter. (A sandwich type attachment is required to install HKS Oil Filter.)

TYPE	SIZE	SCREW PITCH	CODE NO.	PRICE	REMARKS
TYPE 1	$\phi$ 68 x H65	M20 x P1.5	52009-AK005		
TYPE 2	$\phi$ 68 x H65	UNF3/4-16	52009-AK006		
TYPE 3	$\phi$ 74 x H85	UNF3/4-16	52009-AK007		To be released in April
TYPE 4	$\phi$ 65 x H50	M20 x P1.5	52009-AK008		
TYPE 5	$\phi$ 65 x H50	UNF3/4-16	52009-AK009		

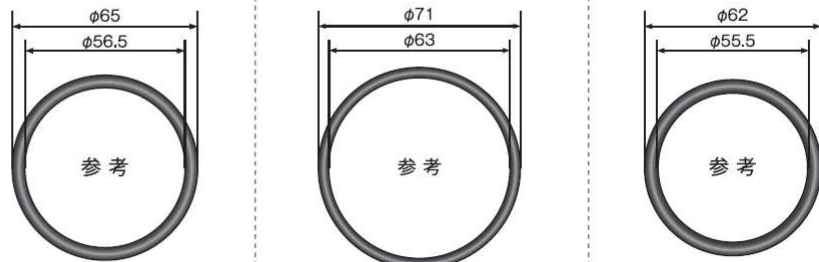
## オイルフィルター装着条件 Compatibility Condition

■あらかじめフィルター本体サイズ  
φ68×H65 / φ74×H85 /  
φ65×H50およびネジサイズの  
確認をしてください。

■Please confirm that the filter unit size  
of φ68×H65 / φ80×H70 / φ65×H50  
and screw size.



車両またはオイルアタッチメント側 Vehicle or Oil Attachment Side



フィルター本体Oリングサイズ Size of Filter O-Ring

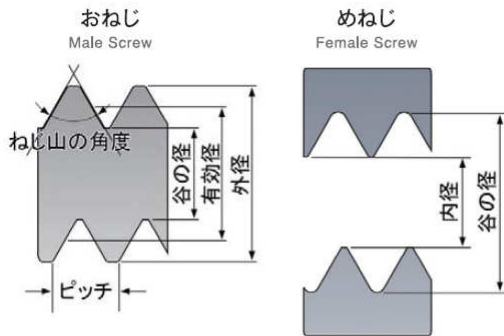
### WARNING

上記条件を満たさない車両に取り付けると、最悪の場合オイル漏れによるエンジン破損の恐れがあります。

Installation to a vehicle which does not meet the above conditions may result in engine damage due to leakage of oil.

## オイルフィルターネジ径について Diameter of Oil Filter Screw

	ピッチ (mm) Pitch	外径 (mm) External Diameter	谷の径 (mm) Root Diameter	有効径 (mm) Effective Diameter	ネジ山角度 Crest Angle	採用メーカー Compatible Vehicle Manufacturers
UNF3/4-16	1.5875	19.011	17.063	18.019	60°	TOYOTA, NISSAN, SUZUKI, DAIHATSU
M20 P=1.5	1.500	20.000	18.376	19.026	60°	NISSAN, HONDA, MITSUBISHI, MAZDA



■上記サイズは非常に近いので、UNFサイズのセンターボルトでもM20タイプフィルターが装着できてしまいます。ただし、ガタが多くオイル漏れの危険性もありますので、十分適合情報を確認してください。

■UNFネジとは？

ISOで規定された汎用のインチ三角ねじである。ねじ山の角度60度。接尾記号「UN」で識別される。ねじ山は角度60度。汎用として、呼び径に対するピッチの細かさにより「並目」(UNC)、「細目」(UNF)、「極細目」(UNEF)が規定される他、航空宇宙機器用 (UNJ) がある。日本では航空機、自動車などごく一部の採用にとどまるが、米国では広範に使用されている。日本のJISには並目と細目のみが採用されている。アメリカ・イギリス・カナダの3国が軍事上の必要から協定してきたネジ。

■Make sure to select a proper oil filter screw size. Since both screw sizes are very close, M20 filter fits on UNF center bolt. If improper screw size is selected, it may cause the leakage of oil.

■What is UNF screw?

It is a triangular thread form by inch in the ISO standard, The thread angle is 60 degrees. It is classified by the suffix "UN".  
The type of screw is described by a pitch as "Coarse" (UNC), "Fine" (UNF), "Extra fine" (UNEF). There is also one for aerospace equipment (UNJ). In Japan, use of this screw type is limited only for aircraft and automobiles, but it is widely used in the United States.  
JIS employs only coarse (UNC) and fine (UNF) pitches.  
This screw was initially designed for the military needs by the United States, the UK, and Canada.