



# MU 1189

Tyyppi / type:  
Öljynsuodatinpatruunat / Cartridge oil filters

## Kokotiedot / dimensions:

### Ulko-Ø / outside-Ø:

83 / mm

### Sisä-Ø / inside-Ø:

25 / 37 mm

### Korkeus / height:

160 mm



## SOVELTUVUUS / APPLICATIONS:

ALPINA	3-SERIES	M60 B30 (308S1K)	04/93
	3-SERIES	M60 B30 (308S6K)	04/96
	3-SERIES	M60 B30 (308S)	04/96
	5-SERIES	M62 B46 (468S72)	12/96
	5-SERIES	M62 B46 (468S72)	01/97
	5-SERIES	M62 B46 (468S72)	10/98
	5-SERIES	M52 B28 (286S7T)	02/99
	5-SERIES	M52 B28 (286S7T)	01/99
	5-SERIES	M62 B46 (468S4K)	03/94
	5-SERIES	M60 B40 (408S1K)	04/93
	7-SERIES	M70 B50 (5012KA)	07/88
	7-SERIES	M70 B57 (5714K2)	12/95
BMW	8-SERIES	M70 B50 (5012KA)	06/90
	5-SERIES	M62 B44 (448S1), M62 B44 (448S2)	03/96
	5-SERIES	M62 B35 (358S1)	06/96
	5-SERIES	M62 B44 (448S1), M62 B44 (448S2)	04/97
	5-SERIES	S62 B50 (508S1)	10/98

	5-SERIES	M62 B35 (358S2)	09/98
	5-SERIES	M60 B40 (408S1)	09/92
	5-SERIES	M60 B30 (308S1)	09/92
	5-SERIES	M60 B40 (408S1)	09/93
	7-SERIES	M70 B50 (5012A)	09/87
	7-SERIES	M60 B40 (408S1)	03/94
	7-SERIES	M62 B44 (448S1), M62 B44 (448S2)	02/96
	7-SERIES	M60 B30 (308S1)	03/94
	7-SERIES	M62 B35 (358S1)	03/96
	7-SERIES	M60 B40 (408S1)	05/92
	7-SERIES	M62 B35 (358S2)	09/98
	7-SERIES	M60 B30 (308S1)	04/92
	7-SERIES	M60 B30 (308S1)	10/94
	7-SERIES	M73 B54 (54122), M73 B54 (54121)	11/94
	8-SERIES	M60 B40 (408S1)	03/93
	8-SERIES	M62 B44 (448S1)	03/96
	8-SERIES	M70 B50 (5012A)	01/90
	8-SERIES	S70 B56 (56121)	11/92
	8-SERIES	M73 B54 (54121)	09/94
	X5	M62 B44 (448S2)	01/00
	X5	M62 B46 (468S1)	10/01
	Z8	S62 B50 (508S1)	01/00
LANDROVER	RANGE	M62 B44	03/02
PORSCHE	MACAN	MCT.MA	02/14

## **VERTAILUNUMEROT / CROSS REFERENCES:**

**BMW:** 11421745390, 11427510717

**CLEAN:** ML089

**FIAAM:** F5439, FA5439

**FILTRON:** OE649/3

**FRAM:** CH8213

**HENGST:** D34E202H, E202H01D34

**MAHLE-KNECHT:** OX152/1D, OX152D

**MANN & HUMMEL:** HU938/3x, HU938/4x

**PURFLUX:** L293

**PUROLATOR:** L38212

**TEHO:** 5521

**WIX:** WL7234