

# HMEC Wheel Hub Units Catalogue

**Part Number: 512001**



Attribute	Value
Flange Diameter (A)	5.43
Bolt Circle Diameter (B)	3.94
Bolt Circle Diameter Metric (B)	100.00
Bolt Size (C)	M12X1.5
Bolt Quantity	5
Wheel Pilot Diameter (D)	2.24
Brake Pilot Diameter (E)	2.26
Flange Offset (F)	2.56
Hub Pilot Diameter (G)	2.40
Hub Bolt Circle Diameter (H)	1.75
Bolt Hole MET (I)	11.00
Bolt Hole qty	4
Number of Splines	-
Flange Shape (K)	OFFSET TRAPEZOID
ABS Sensor	Has ABS with Integral Sensor
Location	Rear Wheel

## Vehicle Application:

BUICK	
1991-1998 SKYLARK	
CHEVROLET	
1992-1996 BERETTA	1992-1996 CORSICA
1992-2005 CAVALIER	2002 SILVERADO 2500 HD
OLDSMOBILE	
1992-1998 ACHIEVA	
PONTIAC	
1991-1998 GRAND AM	1995-2005 SUNFIRE



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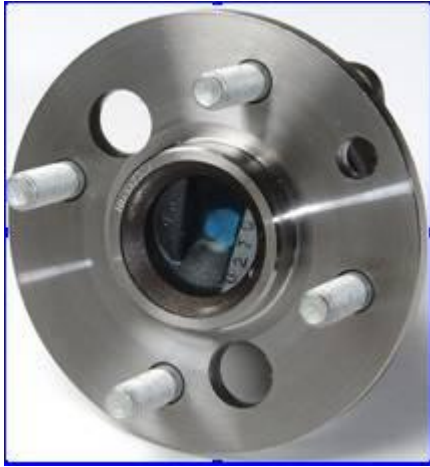
# HMEC Wheel Hub Units Catalogue

1992-1994 SUNBIRD	
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# HMEC Wheel Hub Units Catalogue

**Part Number: 512002**



Attribute	Value
Flange Diameter (A)	5.43
Bolt Circle Diameter (B)	3.94
Bolt Circle Diameter Metric (B)	100.00
Bolt Size (C)	M12X1.5
Bolt Quantity	5
Wheel Pilot Diameter (D)	2.24
Brake Pilot Diameter (E)	2.26
Flange Offset (F)	2.56
Hub Pilot Diameter (G)	2.40
Hub Bolt Circle Diameter (H)	1.75
Bolt Hole MET (I)	11.00
Bolt Hole qty	4
Number of Splines	-
Flange Shape (K)	OFFSET TRAPEZOID
ABS Sensor	Has ABS with Integral Sensor
Location	Rear Wheel

**Vehicle Application:**

SATURN	
1991-2002 SC SERIES	1993-2001 SW SERIES
1991-2002 SL SERIES	



# HMEC Wheel Hub Units Catalogue

**Part Number: 512003**



Attribute	Value
Flange Diameter (A)	5.93
Bolt Circle Diameter (B)	4.53
Bolt Circle Diameter Metric (B)	115.00
Bolt Size (C)	M12X1.5
Bolt Quantity	5
Wheel Pilot Diameter (D)	2.76
Brake Pilot Diameter (E)	2.78
Flange Offset (F)	2.56
Hub Pilot Diameter (G)	2.83
Hub Bolt Circle Diameter (H)	1.98
Bolt Hole MET (I)	11.94
Bolt Hole qty	4
Number of Splines	-
Flange Shape (K)	RECTANGULAR
ABS Sensor	Has ABS with Integral Sensor
Location	Rear Wheel

## Vehicle Application:

BUICK	
2000-2005 LESABRE	1991-1993 RIVIERA
1997-2005 PARK AVENUE	1995-1999 RIVIERA
CADILLAC	
1991-1992 ALLANTE	1991-1992 SEVILLE
2000-2005 DEVILLE	1998-2004 SEVILLE
1991-1992 ELDORADO	
CHEVROLET	



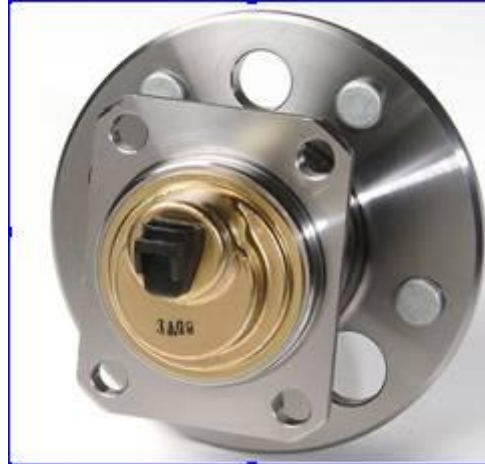
# HMEC Wheel Hub Units Catalogue

1997-2000 MALIBU	
OLDSMOBILE	
1995-1999 AURORA	1997 CUTLASS SUPREME
2001-2003 AURORA	1991-1992 TORONADO
1997-1999 CUTLASS	
PONTIAC	
2000-2005 BONNEVILLE	1999-2000 GRAND AM



# HMEC Wheel Hub Units Catalogue

**Part Number: 512004**



Attribute	Value
Flange Diameter (A)	5.91
Bolt Circle Diameter (B)	4.53
Bolt Circle Diameter Metric (B)	115.00
Bolt Size (C)	M12X1.5
Bolt Quantity	5
Wheel Pilot Diameter (D)	2.76
Brake Pilot Diameter (E)	2.78
Flange Offset (F)	2.56
Hub Pilot Diameter (G)	2.83
Hub Bolt Circle Diameter (H)	1.97
Bolt Hole MET (I)	12.00
Bolt Hole qty	4
Number of Splines	-
Flange Shape (K)	RECTANGULAR
ABS Sensor	Has ABS with Integral Sensor
Location	Rear Wheel

## Vehicle Application:

BUICK	
1992-1996 REGAL	
CHEVROLET	
1992-1996 LUMINA	
OLDSMOBILE	
1992-1996 CUTLASS SUPREME	
PONTIAC	
1992-1996 GRAND PRIX	



# HMEC Wheel Hub Units Catalogue

**Part Number: 512009**



Attribute	Value
Flange Diameter (A)	-
Bolt Circle Diameter (B)	-
Bolt Circle Diameter Metric (B)	-
Bolt Size (C)	-
Bolt Quantity	5
Wheel Pilot Diameter (D)	-
Brake Pilot Diameter (E)	-
Flange Offset (F)	2.04
Hub Pilot Diameter (G)	2.95
Hub Bolt Circle Diameter (H)	3.9
Bolt Hole qty	4
Number of Splines	-
Flange Shape (K)	-
Location	Rear Wheel

## Vehicle Application:

LEXUS	
1992-2001 ES300	1999-2003 RX300
TOYOTA	
1995-1999 AVALON	1987-2001 CAMRY



# HMEC Wheel Hub Units Catalogue

**Part Number: 512011**



Attribute	Value
Flange Diameter (A)	5.51
Bolt Circle Diameter (B)	4.41
Bolt Circle Diameter Metric (B)	112
Bolt Size (C)	M12X1.5
Bolt Quantity	5
Wheel Pilot Diameter (D)	2.64
Brake Pilot Diameter (E)	3.5
Hub Bolt Circle Diameter (H)	-
Bolt Hole MET (I)	-
Bolt Hole qty	-
Number of Splines	-
Flange Shape (K)	-
Location	Rear Wheel

## Vehicle Application:

EAGLE	
1990-1994 TALON	
MITSUBISHI	
1992-1996 DIAMANTE	1990-1994 ECLIPSE
PLYMOUTH	
1990-1994 LASER	



# HMEC Wheel Hub Units Catalogue

**Part Number: 512016**



Attribute	Value
Flange Diameter (A)	5.843
Bolt Circle Diameter (B)	5.4
Bolt Circle Diameter Metric (B)	137.16
Bolt Size (C)	M12X1.5
Bolt Quantity	4
Wheel Pilot Diameter (D)	2.5957
Brake Pilot Diameter (E)	2.6760
Flange Offset (F)	1.929
Hub Pilot Diameter (G)	2.886
Hub Bolt Circle Diameter (H)	-
Bolt Hole MET (I)	-
Bolt Hole qty	-
Number of Splines	-
Flange Shape (K)	-
Location	Rear Wheel

**Vehicle Application:**

NISSAN	
1993-2001 ALTIMA	1990-1992 STANZA
1990 AXXESS	



# HMEC Wheel Hub Units Catalogue

**Part Number: 512018**



Attribute	Value
Flange Diameter (A)	5.51
Bolt Circle Diameter (B)	3.94
Bolt Circle Diameter Metric (B)	100.00
Bolt Size (C)	M12X1.5
Bolt Quantity	4
Wheel Pilot Diameter (D)	2.13
Brake Pilot Diameter (E)	2.17
Flange Offset (F)	2.94
Hub Pilot Diameter (G)	2.40
Hub Bolt Circle Diameter (H)	3.82
Bolt Hole MET (I)	11.00
Bolt Hole qty	4
Number of Splines	-
Flange Shape (K)	OFFSET TRAPEZOID
Location	Rear Wheel

## Vehicle Application:

CHEVROLET	
1998-2002 PRIZM	
GEO	
1993-1997 PRIZM	
TOYOTA	
1993-2002 COROLLA	



# HMEC Wheel Hub Units Catalogue

**Part Number: 512019**



Attribute	Value
Flange Diameter (A)	5.51
Bolt Circle Diameter (B)	3.94
Bolt Circle Diameter Metric (B)	100.00
Bolt Size (C)	M12X1.5
Bolt Quantity	4
Wheel Pilot Diameter (D)	2.13
Brake Pilot Diameter (E)	2.17
Flange Offset (F)	2.94
Hub Pilot Diameter (G)	2.40
Hub Bolt Circle Diameter (H)	3.82
Bolt Hole MET (I)	11.00
Bolt Hole qty	4
Number of Splines	-
Flange Shape (K)	OFFSET TRAPEZOID
ABS Sensor	Has ABS with Tone Ring Sensor
Location	Rear Wheel

## Vehicle Application:

GEO	
1993-1995 PRIZM	
TOYOTA	
1993-1995 COROLLA	



# HMEC Wheel Hub Units Catalogue

**Part Number: 512020**



Attribute	Value
Flange Diameter (A)	5.984
Bolt Circle Diameter (B)	4.504
Bolt Circle Diameter Metric (B)	114.30
Bolt Size (C)	M12X1.5
Bolt Quantity	4
Wheel Pilot Diameter (D)	2.244
Brake Pilot Diameter (E)	2.2864
Flange Offset (F)	2.205
Hub Pilot Diameter (G)	2.598
Hub Bolt Circle Diameter (H)	-
Bolt Hole MET (I)	-
Bolt Hole qty	-
Number of Splines	-
Flange Shape (K)	-
ABS Sensor	Has ABS with Tone Ring Sensor
Location	Rear Wheel

**Vehicle Application:**

HONDA	
1994-1997 ACCORD	



# HMEC Wheel Hub Units Catalogue

**Part Number: 512021**



Attribute	Value
Flange Diameter (A)	5.31
Bolt Circle Diameter (B)	3.94
Bolt Circle Diameter Metric (B)	100.00
Bolt Size (C)	M12X1.5
Bolt Quantity	4
Wheel Pilot Diameter (D)	2.24
Brake Pilot Diameter (E)	2.26
Flange Offset (F)	2.06
Hub Pilot Diameter (G)	2.6
Hub Bolt Circle Diameter (H)	-
Bolt Hole MET (I)	-
Bolt Hole qty	-
Number of Splines	-
Flange Shape (K)	-
ABS Sensor	Has ABS with Tone Ring Sensor
Location	Rear Wheel

## Vehicle Application:

DODGE	
1995 NEON	
PLYMOUTH	
1995 NEON	



# HMEC Wheel Hub Units Catalogue

**Part Number: 512022**



Attribute	Value
Flange Diameter (A)	5.472
Bolt Circle Diameter (B)	4.500
Bolt Circle Diameter Metric (B)	114.30
Bolt Size (C)	M12X1.7
Bolt Quantity	4
Wheel Pilot Diameter (D)	2.52
Brake Pilot Diameter (E)	2.52
Flange Offset (F)	2.350
Hub Pilot Diameter (G)	2.764
Hub Bolt Circle Diameter (H)	-
Bolt Hole MET (I)	-
Bolt Hole qty	-
Number of Splines	-
Flange Shape (K)	-
ABS Sensor	Has ABS with Tone Ring Sensor
Location	Rear Wheel

**Vehicle Application:**

HONDA	
1992-1996 PRELUDE	



# HMEC Wheel Hub Units Catalogue

**Part Number: 512025**



Attribute	Value
Flange Diameter (A)	5.472
Bolt Circle Diameter (B)	4.500
Bolt Circle Diameter Metric (B)	114.30
Bolt Size (C)	M12X1.7
Bolt Quantity	4
Wheel Pilot Diameter (D)	2.52
Brake Pilot Diameter (E)	2.52
Flange Offset (F)	2.350
Hub Pilot Diameter (G)	2.764
Hub Bolt Circle Diameter (H)	-
Bolt Hole MET (I)	-
Bolt Hole qty	-
Number of Splines	-
Flange Shape (K)	-
ABS Sensor	Has ABS with Tone Ring Sensor
Location	Rear Wheel

## Vehicle Application:

NISSAN	
1995-1998 200SX	1991-1999 SENTRA



# HMEC Wheel Hub Units Catalogue

**Part Number: 512029**



Attribute	Value
Flange Diameter (A)	5.52
Bolt Circle Diameter (B)	4.50
Bolt Circle Diameter Metric (B)	114.30
Bolt Size (C)	M12X1.5
Bolt Quantity	5
Wheel Pilot Diameter (D)	2.81
Brake Pilot Diameter (E)	2.89
Flange Offset (F)	1.62
Hub Pilot Diameter (G)	3.15
Hub Bolt Circle Diameter (H)	-
Bolt Hole MET (I)	-
Bolt Hole qty	-
Number of Splines	-
Flange Shape (K)	-
ABS Sensor	Has ABS with Tone Ring Sensor
Location	Rear Wheel

## Vehicle Application:

CHRYSLER	
1999-2004 300M	1994-1997 LHS
1993-2004 CONCORDE	1999-2001 LHS
2000-2001 INTREPID	1994-1996 NEW YORKER
DODGE	
1993-2004 INTREPID	
EAGLE	



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# HMEC Wheel Hub Units Catalogue

1993-1997 VISION	
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# HMEC Wheel Hub Units Catalogue

**Part Number: 512032**



Attribute	Value
Flange Diameter (A)	5.984
Bolt Circle Diameter (B)	4.500
Bolt Circle Diameter Metric (B)	114.30
Bolt Size (C)	M12X1.5
Bolt Quantity	4
Wheel Pilot Diameter (D)	2.5232
Brake Pilot Diameter (E)	2.5232
Flange Offset (F)	2.205
Hub Pilot Diameter (G)	-
Hub Bolt Circle Diameter (H)	-
Bolt Hole MET (I)	-
Bolt Hole qty	-
Number of Splines	-
Flange Shape (K)	-
ABS Sensor	Has ABS with Tone Ring Sensor
Location	Rear Wheel

## Vehicle Application:

HONDA

1991-1993 ACCORD



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# HMEC Wheel Hub Units Catalogue

**Part Number: 512033**



Attribute	Value
Flange Diameter (A)	4.92
Bolt Circle Diameter (B)	3.94
Bolt Circle Diameter Metric (B)	100.00
Bolt Size (C)	M12X1.5
Bolt Quantity	4
Wheel Pilot Diameter (D)	2.205
Brake Pilot Diameter (E)	2.52
Flange Offset (F)	2.22
Hub Pilot Diameter (G)	-
Hub Bolt Circle Diameter (H)	-
Bolt Hole MET (I)	-
Bolt Hole qty	-
Number of Splines	-
Flange Shape (K)	-
Location	Rear Wheel

## Vehicle Application:

DODGE	
1993-1994 COLT	
EAGLE	
1993-1996 SUMMIT	
MITSUBISHI	
1993-1996 MIRAGE	
PLYMOUTH	



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# HMEC Wheel Hub Units Catalogue

1993-1994 COLT	
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# HMEC Wheel Hub Units Catalogue

**Part Number: 512034**



Attribute	Value
Flange Diameter (A)	5.534
Bolt Circle Diameter (B)	3.937
Bolt Circle Diameter Metric (B)	100.00
Bolt Size (C)	M12X1.5
Bolt Quantity	4
Wheel Pilot Diameter (D)	2.0283
Brake Pilot Diameter (E)	2.4016
Flange Offset (F)	2.146
Hub Pilot Diameter (G)	2.5984
Hub Bolt Circle Diameter (H)	-
Bolt Hole MET (I)	-
Bolt Hole qty	-
Number of Splines	-
Flange Shape (K)	-
Location	Rear Wheel

**Vehicle Application:**

ACURA	
1994-2001 INTEGRA	
HONDA	
1992-2000 CIVIC	1993-1997 CIVIC DEL SOL



# HMEC Wheel Hub Units Catalogue

**Part Number: 512036**



Attribute	Value
Flange Diameter (A)	4.961
Bolt Circle Diameter (B)	3.937
Bolt Circle Diameter Metric (B)	100.00
Bolt Size (C)	M12X1.5
Bolt Quantity	5
Wheel Pilot Diameter (D)	2.2030
Brake Pilot Diameter (E)	2.2831
Flange Offset (F)	2.545
Hub Pilot Diameter (G)	2.480
Hub Bolt Circle Diameter (H)	-
Bolt Hole MET (I)	-
Bolt Hole qty	-
Number of Splines	-
Flange Shape (K)	-
Location	Rear Wheel

Vehicle Application:	
SUBARU	
1993-1995 IMPREZA	1990-1996 LEGACY



# HMEC Wheel Hub Units Catalogue

**Part Number: 512078**



Attribute	Value
Flange Diameter (A)	5.93
Bolt Circle Diameter (B)	4.53
Bolt Circle Diameter Metric (B)	115.00
Bolt Size (C)	M12X1.5
Bolt Quantity	5
Wheel Pilot Diameter (D)	2.76
Brake Pilot Diameter (E)	2.78
Flange Offset (F)	2.56
Hub Pilot Diameter (G)	2.83
Hub Bolt Circle Diameter (H)	1.98
Bolt Hole MET (I)	11.94
Bolt Hole qty	4
Number of Splines	-
Flange Shape (K)	RECTANGULAR
ABS Sensor	Has ABS with Integral Sensor
Location	Rear Wheel

## Vehicle Application:

BUICK	
1994-1996 CENTURY	
CHEVROLET	
1992-1996 LUMINA APV	1997-2004 VENTURE
OLDSMOBILE	
1995-1996 CIERA	1992-2004 SILHOUETTE
1994 CUTLASS CIERA	
PONTIAC	



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# HMEC Wheel Hub Units Catalogue

1999-2004 MONTANA

1992-1998 TRANS SPORT



# HMEC Wheel Hub Units Catalogue

**Part Number: 512105**



Attribute	Value
Flange Diameter (A)	5.492
Bolt Circle Diameter (B)	4.250
Bolt Circle Diameter Metric (B)	107.95
Bolt Size (C)	M12X1.5
Bolt Quantity	5
Wheel Pilot Diameter (D)	2.4906
Brake Pilot Diameter (E)	2.5362
Flange Offset (F)	2.286
Hub Pilot Diameter (G)	2.953
Hub Bolt Circle Diameter (H)	-
Bolt Hole MET (I)	-
Bolt Hole qty	-
Number of Splines	-
Flange Shape (K)	-
ABS Sensor Location	Has ABS with Tone Ring Sensor
Location	Rear Wheel

**Vehicle Application:**

FORD	
1990-1992 TAURUS	
LINCOLN	
1990-1992 CONTINENTAL	
MERCURY	
1990-1992 SABLE	



# HMEC Wheel Hub Units Catalogue

**Part Number: 512106**



Attribute	Value
Flange Diameter (A)	5.492
Bolt Circle Diameter (B)	4.250
Bolt Circle Diameter Metric (B)	107.95
Bolt Size (C)	M12X1.5
Bolt Quantity	5
Wheel Pilot Diameter (D)	2.4906
Brake Pilot Diameter (E)	2.5362
Flange Offset (F)	2.274
Hub Pilot Diameter (G)	2.913
Hub Bolt Circle Diameter (H)	-
Bolt Hole MET (I)	-
Bolt Hole qty	-
Number of Splines	-
Flange Shape (K)	-
Location	Rear Wheel

## Vehicle Application:

FORD	
1990-2000 TAURUS	
MERCURY	
1990-2000 SABLE	



# HMEC Wheel Hub Units Catalogue

**Part Number: 512107**



Attribute	Value
Flange Diameter (A)	5.492
Bolt Circle Diameter (B)	4.250
Bolt Circle Diameter Metric (B)	107.95
Bolt Size (C)	M12X1.5
Bolt Quantity	5
Wheel Pilot Diameter (D)	2.4906
Brake Pilot Diameter (E)	2.5362
Flange Offset (F)	2.149
Hub Pilot Diameter (G)	2.953
Hub Bolt Circle Diameter (H)	-
Bolt Hole MET (I)	-
Bolt Hole qty	-
Number of Splines	-
Flange Shape (K)	-
ABS Sensor	Has ABS with Tone Ring Sensor
Location	Rear Wheel

## Vehicle Application:

FORD	
1993-2007 TAURUS	
LINCOLN	
1993-2002 CONTINENTAL	
MERCURY	
1993-1999 SABLE	2001-2005 SABLE



# HMEC Wheel Hub Units Catalogue

**Part Number: 512118**



Attribute	Value
Flange Diameter (A)	5.512
Bolt Circle Diameter (B)	4.500
Bolt Circle Diameter Metric (B)	114.30
Bolt Size (C)	M12X1.5
Bolt Quantity	5
Wheel Pilot Diameter (D)	2.6358
Brake Pilot Diameter (E)	2.8346
Flange Offset (F)	2.331
Hub Pilot Diameter (G)	2.795
Hub Bolt Circle Diameter (H)	-
Bolt Hole MET (I)	-
Bolt Hole qty	-
Number of Splines	-
Flange Shape (K)	-
ABS Sensor	Has ABS with Tone Ring Sensor
Location	Front/Rear Wheel

## Vehicle Application:

FORD	
1993-1997 PROBE	
MAZDA	
1993-1997 626	1993-1997 MX-6
1995-2000 MILLENIA	1993-1995 RX-7



# HMEC Wheel Hub Units Catalogue

**Part Number: 512123**



Attribute	Value
Flange Diameter (A)	5.768
Bolt Circle Diameter (B)	4.567
Bolt Circle Diameter Metric (B)	116.00
Bolt Size (C)	M12X1.5
Bolt Quantity	5
Wheel Pilot Diameter (D)	2.5232
Brake Pilot Diameter (E)	2.7594
Flange Offset (F)	2.435
Hub Pilot Diameter (G)	2.874
Hub Bolt Circle Diameter (H)	-
Bolt Hole MET (I)	-
Bolt Hole qty	-
Number of Splines	-
Flange Shape (K)	-
ABS Sensor	Has ABS with Tone Ring Sensor
Location	Rear Wheel

## Vehicle Application:

ACURA	
1996-2004 RL	
HONDA	
1998 ODYSSEY	
ISUZU	
1998 OASIS	



# HMEC Wheel Hub Units Catalogue

**Part Number: 512133**



Attribute	Value
Flange Diameter (A)	5.33
Bolt Circle Diameter (B)	3.94
Bolt Circle Diameter Metric (B)	100.00
Bolt Size (C)	M12X1.5
Bolt Quantity	5
Wheel Pilot Diameter (D)	2.24
Brake Pilot Diameter (E)	2.24
Flange Offset (F)	2.32
Hub Pilot Diameter (G)	2.76
Hub Bolt Circle Diameter (H)	-
Bolt Hole MET (I)	-
Bolt Hole qty	-
Number of Splines	-
Flange Shape (K)	-
ABS Sensor	Has ABS with Tone Ring Sensor
Location	Rear Wheel

## Vehicle Application:

CHRYSLER	
1995-1997 CIRRUS	1996-1997 SEBRING
DODGE	
1995-1997 STRATUS	
PLYMOUTH	
1996-1997 BREEZE	



# HMEC Wheel Hub Units Catalogue

**Part Number: 512136**



Attribute	Value
Flange Diameter (A)	5.420
Bolt Circle Diameter (B)	3.74
Bolt Circle Diameter Metric (B)	95.07
Bolt Size (C)	M12X1.5
Bolt Quantity	5
Wheel Pilot Diameter (D)	2.24
Brake Pilot Diameter (E)	2.28
Flange Offset (F)	2.4
Hub Pilot Diameter (G)	2.4
Hub Bolt Circle Diameter (H)	3.5433
Bolt Hole MET (I)	M10X1.25
Bolt Hole qty	4
Number of Splines	-
Flange Shape (K)	RECTANGULAR
ABS Sensor	Has ABS with Tone Ring Sensor
Location	Rear Wheel

## Vehicle Application:

CHRYSLER	
1995-2005 SEBRING	
DODGE	
1995-2000 AVENGER	2001-2005 STRATUS
EAGLE	
1995-1998 TALON	
MITSUBISHI	



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# HMEC Wheel Hub Units Catalogue

1995-2004 ECLIPSE

1996-2003 GALANT



# HMEC Wheel Hub Units Catalogue

**Part Number: 512137**



Attribute	Value
Flange Diameter (A)	-
Bolt Circle Diameter (B)	-
Bolt Circle Diameter Metric (B)	-
Bolt Size (C)	-
Bolt Quantity	-
Wheel Pilot Diameter (D)	-
Brake Pilot Diameter (E)	-
Flange Offset (F)	2.06
Hub Bolt Circle Diameter (H)	-
Bolt Hole MET (I)	.41
Bolt Hole qty	4
Number of Splines	-
Flange Shape (K)	RECTANGULAR
Location	Rear Wheel

Vehicle Application:	
TOYOTA	
1994-1999 CELICA	

# HMEC Wheel Hub Units Catalogue

<b>Part Number: 512143</b>	



# HMEC Wheel Hub Units Catalogue

**Part Number: 512144**



Attribute	Value
Flange Diameter (A)	5.984
Bolt Circle Diameter (B)	4.500
Bolt Circle Diameter Metric (B)	114.30
Bolt Size (C)	M12x1.5
Bolt Quantity	5
Wheel Pilot Diameter (D)	2.523
Brake Pilot Diameter (E)	2.523
Flange Offset (F)	2.199
Hub Pilot Diameter (G)	2.5984
Hub Bolt Circle Diameter (H)	-
Bolt Hole MET (I)	-
Bolt Hole qty	-
Number of Splines	-
Flange Shape (K)	-
ABS Sensor	Has ABS with Tone Ring Sensor
Location	Rear Wheel

## Vehicle Application:

HONDA

1997-2001 PRELUDE



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# HMEC Wheel Hub Units Catalogue

**Part Number: 512149**



Attribute	Value
Flange Diameter (A)	5.47
Bolt Circle Diameter (B)	4.25
Bolt Circle Diameter Metric (B)	107.95
Bolt Size (C)	M12X1.5
Bolt Quantity	5
Wheel Pilot Diameter (D)	2.49
Brake Pilot Diameter (E)	2.53
Flange Offset (F)	2.15
Hub Pilot Diameter (G)	2.91
Hub Bolt Circle Diameter (H)	-
Bolt Hole MET (I)	-
Bolt Hole qty	-
Number of Splines	-
Flange Shape (K)	-
ABS Sensor	Has ABS with Tone Ring Sensor
Location	Rear Wheel

**Vehicle Application:**

FORD	
1997-2003 WINDSTAR	



# HMEC Wheel Hub Units Catalogue

**Part Number: 512150**



Attribute	Value
Flange Diameter (A)	5.93
Bolt Circle Diameter (B)	4.53
Bolt Circle Diameter Metric (B)	115.00
Bolt Size (C)	M12X1.5
Bolt Quantity	5
Wheel Pilot Diameter (D)	2.76
Brake Pilot Diameter (E)	2.78
Flange Offset (F)	2.56
Hub Pilot Diameter (G)	2.83
Hub Bolt Circle Diameter (H)	1.98
Bolt Hole MET (I)	11.94
Bolt Hole qty	4
Number of Splines	-
Flange Shape (K)	RECTANGULAR
ABS Sensor	Has ABS with Integral Sensor
Location	Rear Wheel

## Vehicle Application:

BUICK	
1997-2002 CENTURY	1997-2002 REGAL
CHEVROLET	
1998-2005 VENTURE	
OLDSMOBILE	
1998-2002 INTRIGUE	
PONTIAC	
1997-2002 GRAND PRIX	1997-1998 TRANS SPORT



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# HMEC Wheel Hub Units Catalogue

1999-2005 MONTANA	
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# HMEC Wheel Hub Units Catalogue

**Part Number: 512151**



Attribute	Value
Flange Diameter (A)	5.92
Bolt Circle Diameter (B)	4.528
Bolt Circle Diameter Metric (B)	115.0112
Bolt Size (C)	M12X1.5
Bolt Quantity	5
Wheel Pilot Diameter (D)	2.76
Brake Pilot Diameter (E)	2.78
Flange Offset (F)	2.565
Hub Pilot Diameter (G)	2.83
Bolt Hole qty	4
Number of Splines	-
Flange Shape (K)	RECTANGULAR
ABS Sensor	Has ABS with Integral Sensor
Location	Rear Wheel

## Vehicle Application:

BUICK	
1997-2003 CENTURY	1996-2003 REGAL
CHEVROLET	
1996-2001 LUMINA	1995-1999 MONTE CARLO
OLDSMOBILE	
1997 CUTLASS SUPREME	



# HMEC Wheel Hub Units Catalogue

**Part Number: 512152**



Attribute	Value
Flange Diameter (A)	5.93
Bolt Circle Diameter (B)	4.53
Bolt Circle Diameter Metric (B)	115.00
Bolt Size (C)	M12X1.5
Bolt Quantity	5
Wheel Pilot Diameter (D)	2.76
Brake Pilot Diameter (E)	2.78
Flange Offset (F)	2.56
Hub Pilot Diameter (G)	2.83
Hub Bolt Circle Diameter (H)	1.98
Bolt Hole MET (I)	11.94
Bolt Hole qty	4
Number of Splines	-
Flange Shape (K)	RECTANGULAR
ABS Sensor	Has ABS with Integral Sensor
Location	Rear Wheel

## Vehicle Application:

CHEVROLET	
2004-2005 CLASSIC	2001-2003 MALIBU
OLDSMOBILE	
1999-2004 ALERO	2004 SILHOUETTE
PONTIAC	
1999-2005 GRAND AM	



# HMEC Wheel Hub Units Catalogue

**Part Number: 512154**



Attribute	Value
Flange Diameter (A)	5.32
Bolt Circle Diameter (B)	3.74
Bolt Circle Diameter Metric (B)	95.07
Bolt Size (C)	M12X1.5
Bolt Quantity	4
Wheel Pilot Diameter (D)	2.24
Brake Pilot Diameter (E)	2.25
Hub Pilot Diameter (G)	2.6
Hub Bolt Circle Diameter (H)	-
Bolt Hole MET (I)	-
Bolt Hole qty	-
Number of Splines	-
Flange Shape (K)	-
Location	Rear Wheel

## Vehicle Application:

CHRYSLER	
1995-2000 CIRRUS	1996-2000 SEBRING
DODGE	
1995-2006 STRATUS	
PLYMOUTH	
1996-2000 BREEZE	



# HMEC Wheel Hub Units Catalogue

**Part Number: 512155**



Attribute	Value
Flange Diameter (A)	4.96
Bolt Circle Diameter (B)	3.94
Bolt Circle Diameter Metric (B)	100.00
Bolt Size (C)	M12X1.5
Bolt Quantity	5
Wheel Pilot Diameter (D)	2.24
Brake Pilot Diameter (E)	2.26
Flange Offset (F)	1.89
Hub Pilot Diameter (G)	3.39
Hub Bolt Circle Diameter (H)	-
Bolt Hole MET (I)	M12X1.5
Bolt Hole qty	4
Number of Splines	-
Flange Shape (K)	RECTANGULAR
ABS Sensor	Has ABS with Tone Ring Sensor
Location	Rear Wheel

## Vehicle Application:

CHRYSLER	
2000 GRAND VOYAGER	2000 VOYAGER
1996-2000 TOWN & COUNTRY	
DODGE	
1996-2001 CARAVAN	1996-2001 GRAND CARAVAN
PLYMOUTH	
1996-2000 GRAND VOYAGER	1996-2000 VOYAGER



# HMEC Wheel Hub Units Catalogue

**Part Number: 512156**



Attribute	Value
Flange Diameter (A)	5.51
Bolt Circle Diameter (B)	4.50
Bolt Circle Diameter Metric (B)	114.30
Bolt Size (C)	M12X1.5
Bolt Quantity	4
Wheel Pilot Diameter (D)	2.81
Brake Pilot Diameter (E)	2.83
Flange Offset (F)	1.89
Hub Pilot Diameter (G)	3.39
Hub Bolt Circle Diameter (H)	-
Bolt Hole MET (I)	M12X1.5
Bolt Hole qty	4
Number of Splines	-
Flange Shape (K)	RECTANGULAR
ABS Sensor	Has ABS with Tone Ring Sensor
Location	Rear Wheel

## Vehicle Application:

CHRYSLER	
2000 GRAND VOYAGER	2000 VOYAGER
1996-2000 TOWN & COUNTRY	
DODGE	
1996-2001 CARAVAN	1996-2001 GRAND CARAVAN
PLYMOUTH	
1996-2000 GRAND VOYAGER	1996-2000 VOYAGER



# HMEC Wheel Hub Units Catalogue

**Part Number: 512158**

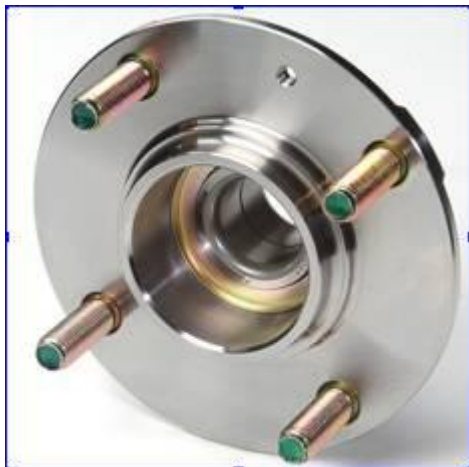


Attribute	Value
Flange Diameter (A)	5.51
Bolt Circle Diameter (B)	-
Bolt Circle Diameter Metric (B)	-
Bolt Size (C)	-
Bolt Quantity	4
Wheel Pilot Diameter (D)	-
Brake Pilot Diameter (E)	-
Flange Offset (F)	-
Hub Pilot Diameter (G)	-
Hub Bolt Circle Diameter (H)	-
Bolt Hole MET (I)	-
Bolt Hole qty	-
Number of Splines	-
Flange Shape (K)	-
Location	Rear Wheel

<b>Vehicle Application:</b>	
MITSUBISHI	
1989-1993 GALANT	

# HMEC Wheel Hub Units Catalogue

**Part Number: 512165**



Attribute	Value
Flange Diameter (A)	5.47
Bolt Circle Diameter (B)	4.50
Bolt Circle Diameter Metric (B)	114.30
Bolt Size (C)	M12X1.5
Bolt Quantity	4
Wheel Pilot Diameter (D)	2.64
Brake Pilot Diameter (E)	2.99
Flange Offset (F)	1.99
Hub Pilot Diameter (G)	2.48
Hub Bolt Circle Diameter (H)	-
Bolt Hole MET (I)	-
Bolt Hole qty	-
Number of Splines	-
Flange Shape (K)	-
ABS Sensor	Has ABS with Tone Ring Sensor
Location	Rear Wheel

## Vehicle Application:

HYUNDAI

1997-1999 ACCENT



# HMEC Wheel Hub Units Catalogue

**Part Number: 512172**



Attribute	Value
Flange Diameter (A)	5.98
Bolt Circle Diameter (B)	4.50
Bolt Circle Diameter Metric (B)	114.30
Bolt Size (C)	M12X1.5
Bolt Quantity	4
Wheel Pilot Diameter (D)	2.52
Brake Pilot Diameter (E)	2.52
Flange Offset (F)	2.20
Hub Pilot Diameter (G)	2.80
Hub Bolt Circle Diameter (H)	-
Bolt Hole MET (I)	-
Bolt Hole qty	-
Number of Splines	-
Flange Shape (K)	-
ABS Sensor	Has ABS with Tone Ring Sensor
Location	Rear Wheel

## Vehicle Application:

ACURA	
1997-1999 CL	
HONDA	
1994-1997 ACCORD	



# HMEC Wheel Hub Units Catalogue

**Part Number: 512176**



Attribute	Value
Flange Diameter (A)	5.98
Bolt Circle Diameter (B)	4.50
Bolt Circle Diameter Metric (B)	114.30
Bolt Size (C)	M12X1.5
Bolt Quantity	4
Wheel Pilot Diameter (D)	2.52
Brake Pilot Diameter (E)	2.52
Flange Offset (F)	2.20
Hub Pilot Diameter (G)	2.60
Hub Bolt Circle Diameter (H)	-
Bolt Hole MET (I)	-
Bolt Hole qty	-
Number of Splines	-
Flange Shape (K)	-
ABS Sensor	Has ABS with Tone Ring Sensor
Location	Rear Wheel

Vehicle Application:	
HONDA	
1998-2002 ACCORD	

# HMEC Wheel Hub Units Catalogue

**Part Number: 512178**



Attribute	Value
Flange Diameter (A)	5.98
Bolt Circle Diameter (B)	4.50
Bolt Circle Diameter Metric (B)	114.30
Bolt Size (C)	M12X1.5
Bolt Quantity	4
Wheel Pilot Diameter (D)	2.52
Brake Pilot Diameter (E)	2.52
Flange Offset (F)	2.20
Hub Pilot Diameter (G)	2.60
Hub Bolt Circle Diameter (H)	-
Bolt Hole MET (I)	-
Bolt Hole qty	-
Number of Splines	-
Flange Shape (K)	-
ABS Sensor	Has ABS with Tone Ring Sensor
Location	Rear Wheel

**Vehicle Application:**

HONDA	
1998-2002 ACCORD	



# HMEC Wheel Hub Units Catalogue

**Part Number: 512179**



Attribute	Value
Flange Diameter (A)	5.98
Bolt Circle Diameter (B)	4.50
Bolt Circle Diameter Metric (B)	114.30
Bolt Size (C)	M12X1.5
Bolt Quantity	5
Wheel Pilot Diameter (D)	2.52
Brake Pilot Diameter (E)	2.52
Flange Offset (F)	2.20
Hub Pilot Diameter (G)	2.60
Hub Bolt Circle Diameter (H)	-
Bolt Hole MET (I)	-
Bolt Hole qty	-
Number of Splines	-
Flange Shape (K)	-
ABS Sensor	Has ABS with Tone Ring Sensor
Location	Rear Wheel

## Vehicle Application:

ACURA	
1999-2003 TL	
HONDA	
1998-2002 ACCORD	



# HMEC Wheel Hub Units Catalogue

**Part Number: 512195**



Attribute	Value
Flange Diameter (A)	5.47
Bolt Circle Diameter (B)	4.50
Bolt Circle Diameter Metric (B)	114.30
Bolt Size (C)	M12X1.5
Bolt Quantity	4
Wheel Pilot Diameter (D)	2.64
Brake Pilot Diameter (E)	2.99
Flange Offset (F)	1.85
Hub Pilot Diameter (G)	2.91
Hub Bolt Circle Diameter (H)	-
Bolt Hole MET (I)	-
Bolt Hole qty	-
Number of Splines	-
Flange Shape (K)	-
ABS Sensor	Has ABS with Tone Ring Sensor
Location	Rear Wheel

## Vehicle Application:

HYUNDAI	
2001-2006 ELANTRA	
KIA	
2004-2007 SPECTRA	2006-2007 SPECTRA5



# HMEC Wheel Hub Units Catalogue

**Part Number: 512198**



Attribute	Value
Flange Diameter (A)	5.47
Bolt Circle Diameter (B)	4.50
Bolt Circle Diameter Metric (B)	114.30
Bolt Size (C)	M12X1.5
Bolt Quantity	5
Wheel Pilot Diameter (D)	2.64
Brake Pilot Diameter (E)	2.99
Flange Offset (F)	1.99
Hub Pilot Diameter (G)	3.38
Hub Bolt Circle Diameter (H)	-
Bolt Hole MET (I)	-
Bolt Hole qty	-
Number of Splines	-
Flange Shape (K)	-
ABS Sensor	Has ABS with Tone Ring Sensor
Location	Rear Wheel

**Vehicle Application:**

HYUNDAI	
2003-2007 TIBURON	



# HMEC Wheel Hub Units Catalogue

**Part Number: 512225**



Attribute	Value
Flange Diameter (A)	4.88
Bolt Circle Diameter (B)	4.17
Bolt Circle Diameter Metric (B)	106.00
Bolt Size (C)	M10
Bolt Quantity	-
Wheel Pilot Diameter (D)	3.54
Brake Pilot Diameter (E)	3.54
Flange Offset (F)	1.46
Hub Pilot Diameter (G)	3.46
Hub Bolt Circle Diameter (H)	-
Bolt Hole MET (I)	-
Bolt Hole qty	4
Number of Splines	-
Flange Shape (K)	-
ABS Sensor	Has ABS with Sensor not on Hub
Location	Rear Wheel

## Vehicle Application:

BMW	
2001-2007 525I	1997-2003 540I
1997-2000 528I	1999-2000 540IT
2008 528I	2004-2005 545I
1999-2000 528IT	2006-2008 550I
2001-2007 530I	2004-2005 645CI
2008 535I	2000-2003 M5
2008 535XI	



# HMEC Wheel Hub Units Catalogue

**Part Number: 513009**



Attribute	Value
Flange Diameter (A)	5.78
Bolt Circle Diameter (B)	4.75
Bolt Circle Diameter Metric (B)	120.65
Bolt Size (C)	M12X1.5
Bolt Quantity	5
Wheel Pilot Diameter (D)	2.76
Brake Pilot Diameter (E)	2.78
Flange Offset (F)	2.72
Hub Pilot Diameter (G)	2.83
Bolt Hole MET (I)	11.45
Bolt Hole qty	4
Number of Splines	-
Flange Shape (K)	RECTANGULAR
Location	Rear Wheel

## Vehicle Application:

BUICK	
1979-1985 RIVIERA	
CADILLAC	
1979-1985 ELDORADO	1980-1985 SEVILLE
OLDSMOBILE	
1979-1985 TORONADO	



# HMEC Wheel Hub Units Catalogue

**Part Number: 513011K**



Attribute	Value
Flange Diameter (A)	4.921
Bolt Circle Diameter	3.937
Bolt Circle Diameter Metric (B)	100.00
Bolt Size (C)	M12X1.5
Bolt Quantity	5
Wheel Pilot Diameter (D)	2.244
Brake Pilot Diameter (E)	2.274
Flange Offset (F)	1.660
Hub Pilot Diameter (G)	2.795
Hub Bolt Circle Diameter (H)	4.016
Bolt Hole MET (I)	12.96
Bolt Hole qty	3
Number of Splines	33
Flange Shape (K)	MODIFIED TRIANGLE
Location	Front/Rear Wheel

## Vehicle Application:

BUICK	
1982-1989 CENTURY	1980-1985 SKYLARK
CHEVROLET	
1982-1989 CELEBRITY	1980-1985 CITATION
OLDSMOBILE	
1982-1989 CUTLASS CIERA	1980-1984 OMEGA
PONTIAC	



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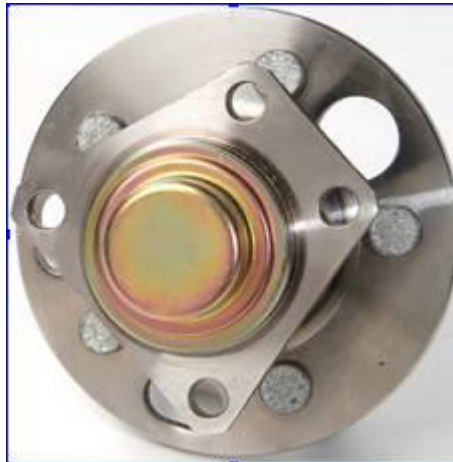
# HMEC Wheel Hub Units Catalogue

1982-1989 6000	1980-1984 PHOENIX
1984-1988 FIERO	



# HMEC Wheel Hub Units Catalogue

**Part Number: 513012**



Attribute	Value
Flange Diameter (A)	5.43
Bolt Circle Diameter (B)	3.94
Bolt Circle Diameter Metric (B)	100.00
Bolt Size (C)	M12X1.5
Bolt Quantity	5
Wheel Pilot Diameter (D)	2.24
Brake Pilot Diameter (E)	2.26
Flange Offset (F)	2.56
Hub Pilot Diameter (G)	2.40
Bolt Hole MET (I)	10.73
Bolt Hole qty	4
Number of Splines	-
Flange Shape (K)	OFFSET TRAPEZIOD
Location	Rear Wheel

## Vehicle Application:

BUICK	
1982-1989 SKYHAWK	1985-1987 SOMERSET
1980-1991 SKYLARK	
CADILLAC	
1982-1988 CIMARRON	
CHEVROLET	
1987-1991 BERETTA	1980-1985 CITATION
1982-1991 CAVALIER	1987-1991 CORSICA



# HMEC Wheel Hub Units Catalogue

2003-2005 CAVALIER	
OLDSMOBILE	
1985-1987 CALAIS	1982-1988 FIRENZA
1988-1991 CUTLASS CALAIS	1980-1984 OMEGA
PONTIAC	
1985-1991 GRAND AM	1985-1991 SUNBIRD
1982-1984 J2000	2003-2005 SUNFIRE
1980-1984 PHOENIX	



# HMEC Wheel Hub Units Catalogue

**Part Number: 513013**



Attribute	Value
Flange Diameter (A)	5.69
Bolt Circle Diameter	4.75
Bolt Circle Diameter Metric (B)	120.65
Bolt Size (C)	M12X1.5
Bolt Quantity	5
Wheel Pilot Diameter (D)	2.76
Brake Pilot Diameter (E)	2.78
Flange Offset (F)	1.86
Hub Pilot Diameter (G)	3.21
Hub Bolt Circle Diameter (H)	4.75
Bolt Hole MET (I)	M12X1.75
Bolt Hole qty	3
Number of Splines	27
Flange Shape (K)	MODIFIED TRIANGLE
Location	Front Wheel

## Vehicle Application:

BUICK	
1979-1985 RIVIERA	
CADILLAC	
1979-1985 ELDORADO	1980-1985 SEVILLE
CHEVROLET	
1983-1994 S10 BLAZER	1983-1994 S10 PICKUP
GMC	



# HMEC Wheel Hub Units Catalogue

1983-1994 S15 JIMMY	1991 SYCLONE
1983-1990 S15 PICKUP	1992-1993 TYPHOON
1991-1994 SONOMA	
OLDSMOBILE	
1979-1985 TORONADO	



# HMEC Wheel Hub Units Catalogue

**Part Number: 513016K**



Attribute	Value
Flange Diameter (A)	5.787
Bolt Circle Diameter	4.528
Bolt Circle Diameter Metric (B)	115.00
Bolt Size (C)	M12X1.5
Bolt Quantity	5
Wheel Pilot Diameter (D)	2.761
Brake Pilot Diameter (E)	2.781
Flange Offset (F)	1.660
Hub Pilot Diameter (G)	3.545
Hub Bolt Circle Diameter (H)	4.567
Bolt Hole MET (I)	12.96
Bolt Hole qty	3
Number of Splines	27
Flange Shape (K)	MODIFIED TRIANGLE
Location	Front/Rear Wheel

**Vehicle Application:**

BUICK	
1983-1993 CENTURY	1991 PARK AVENUE
1985-1990 ELECTRA	1988 REATTA
1986-1991 LESABRE	1986-1988 RIVIERA
CADILLAC	
1987-1990 ALLANTE	1985-1991 FLEETWOOD
1985-1991 DEVILLE	1986-1988 SEVILLE
1986-1988 ELDORADO	



# HMEC Wheel Hub Units Catalogue

CHEVROLET	
1983-1990 CELEBRITY	1990-1991 LUMINA APV
OLDSMOBILE	
1985-1991 98	1990-1991 SILHOUETTE
1983-1993 CUTLASS CIERA	1986-1988 TORONADO
1986-1991 DELTA 88	
PONTIAC	
1983-1991 6000	



# HMEC Wheel Hub Units Catalogue

**Part Number: 513017K**



Attribute	Value
Flange Diameter (A)	4.921
Bolt Circle Diameter	3.937
Bolt Circle Diameter Metric (B)	100.00
Bolt Size (C)	M12X1.5
Bolt Quantity	5
Wheel Pilot Diameter (D)	2.244
Brake Pilot Diameter (E)	2.295
Flange Offset (F)	1.749
Hub Pilot Diameter (G)	2.894
Hub Bolt Circle Diameter (H)	3.858
Bolt Hole MET (I)	12.96
Bolt Hole qty	3
Number of Splines	33
Flange Shape (K)	MODIFIED TRIANGLE
Location	Front Wheel

## Vehicle Application:

BUICK	
1984-1989 SKYHAWK	1985-1987 SOMERSET
1986-1998 SKYLARK	
CADILLAC	
1984-1988 CIMARRON	
CHEVROLET	
1987-1996 BERETTA	1987-1996 CORSICA



# HMEC Wheel Hub Units Catalogue

1984-2005 CAVALIER	2002 SILVERADO 2500 HD
OLDSMOBILE	
1992-1998 ACHIEVA	1988-1991 CUTLASS CALAIS
1985-1987 CALAIS	1984-1988 FIRENZA
PONTIAC	
1985-1998 GRAND AM	1985-1994 SUNBIRD
1984 J2000	1995-2005 SUNFIRE



# HMEC Wheel Hub Units Catalogue

**Part Number: 513018**



Attribute	Value
Flange Diameter (A)	5.906
Bolt Circle Diameter (B)	4.528
Bolt Circle Diameter Metric (B)	115
Bolt Size (C)	M12X1.5
Bolt Quantity	5
Wheel Pilot Diameter (D)	2.761
Brake Pilot Diameter (E)	2.781
Flange Offset (F)	2.565
Hub Pilot Diameter (G)	2.827
Bolt Hole MET (I)	11.94
Bolt Hole qty	4
Number of Splines	-
Flange Shape (K)	RECTANGULAR
Location	Rear Wheel

## Vehicle Application:

CADILLAC	
1985-1993 DEVILLE	1985-1993 FLEETWOOD
1986-1990 ELDORADO	1986-1990 SEVILLE
CHEVROLET	
1983-1990 CELEBRITY	1990-1991 LUMINA APV
2000-2001 IMPALA	1995-2001 MONTE CARLO
1990-2001 LUMINA	



# HMEC Wheel Hub Units Catalogue

OLDSMOBILE	
1985-1990 98	1986-1992 DELTA 88
1983-1993 CUTLASS CIERA	1990-1991 SILHOUETTE
1988-1993 CUTLASS SUPREME	1986-1990 TORONADO



# HMEC Wheel Hub Units Catalogue

**Part Number: 513019**



Attribute	Value
Flange Diameter (A)	5.78
Bolt Circle Diameter (B)	4.75
Bolt Circle Diameter Metric (B)	120.65
Bolt Size (C)	M12X1.5
Bolt Quantity	5
Wheel Pilot Diameter (D)	2.76
Brake Pilot Diameter (E)	2.78
Flange Offset (F)	2.72
Hub Pilot Diameter (G)	2.83
Bolt Hole MET (I)	11.94
Bolt Hole qty	4
Number of Splines	-
Flange Shape (K)	RECTANGULAR
ABS Sensor	Has ABS with Tone Ring Sensor
Location	Front Wheel

## Vehicle Application:

CHEVROLET	
1984-1990 CORVETTE	
EXCALIBUR	
1984-1989 PHAETON	



# HMEC Wheel Hub Units Catalogue

**Part Number: 513020**



Attribute	Value
Flange Diameter (A)	5.689
Bolt Circle Diameter	4.750
Bolt Circle Diameter Metric (B)	120.65
Bolt Size (C)	M12X1.5
Bolt Quantity	5
Wheel Pilot Diameter (D)	2.761
Brake Pilot Diameter (E)	2.781
Flange Offset (F)	1.861
Hub Pilot Diameter (G)	3.209
Hub Bolt Circle Diameter (H)	4.750
Bolt Hole MET (I)	M12X1.75
Bolt Hole qty	3
Number of Splines	27
Flange Shape (K)	MODIFIED TRIANGLE
Location	Rear Wheel

**Vehicle Application:**

CHEVROLET	
1984-1996 CORVETTE	
EXCALIBUR	
1984-1986 PHAETON	



# HMEC Wheel Hub Units Catalogue

**Part Number: 513029**



Attribute	Value
Bore (B)	1.1024
Outer Diameter (D)	1.98
Width (W)	0.6584
Stand Out (S)	0.2384
Cone Length (C)	0.6584
Cup Length (L)	0.42
Cone Radius (R1)	0.14
Series	513000

## Vehicle Application:

DODGE	
1985-1990 COLT	
EAGLE	
1989-1990 SUMMIT	
MITSUBISHI	
1985-1988 MIRAGE	
PLYMOUTH	
1985-1990 COLT	



# HMEC Wheel Hub Units Catalogue

**Part Number: 513030**



Attribute	Value
Flange Diameter (A)	4.803
Bolt Circle Diameter (B)	3.937
Bolt Circle Diameter Metric (B)	100.00
Bolt Size (C)	M12X1.5
Bolt Quantity	4
Wheel Pilot Diameter (D)	2.124
Brake Pilot Diameter (E)	2.1654
Flange Offset (F)	2.213
Hub Pilot Diameter (G)	2.558
Hub Bolt Circle Diameter (H)	-
Bolt Hole MET (I)	-
Bolt Hole qty	-
Number of Splines	-
Flange Shape (K)	-
Location	Rear Wheel

## Vehicle Application:

FORD	
1991-2002 ESCORT	1998-2003 ZX2
MAZDA	
1990-1994 323	1990-2002 PROTEGE
1992-1996 MX-3	2002 PROTEGE5
MERCURY	
1991-1999 TRACER	



# HMEC Wheel Hub Units Catalogue

**Part Number: 513033**



Attribute	Value
Flange Diameter (A)	5.354
Bolt Circle Diameter (B)	3.941
Bolt Circle Diameter Metric (B)	100.10
Bolt Size (C)	M12X1.5
Bolt Quantity	4
Wheel Pilot Diameter (D)	2.0108
Brake Pilot Diameter (E)	2.4016
Flange Offset (F)	2.154
Hub Pilot Diameter (G)	2.598
Hub Bolt Circle Diameter (H)	-
Bolt Hole MET (I)	-
Bolt Hole qty	-
Number of Splines	-
Flange Shape (K)	-
Location	Rear Wheel

## Vehicle Application:

ACURA	
1990-1993 INTEGRA	
HONDA	
1986-1989 ACCORD	1988-1991 CIVIC



# HMEC Wheel Hub Units Catalogue

**Part Number: 513035**



Attribute	Value
Flange Diameter (A)	5.276
Bolt Circle Diameter (B)	3.937
Bolt Circle Diameter Metric (B)	100.00
Bolt Size (C)	M12X1.5
Bolt Quantity	4
Wheel Pilot Diameter (D)	2.2083
Brake Pilot Diameter (E)	2.4016
Flange Offset (F)	1.951
Hub Pilot Diameter (G)	2.469
Hub Bolt Circle Diameter (H)	-
Bolt Hole MET (I)	-
Bolt Hole qty	-
Number of Splines	-
Flange Shape (K)	-
Location	Rear Wheel

## Vehicle Application:

ACURA	
2000 EL	
HONDA	
1985-2000 CIVIC	1985-1991 CRX
1993-1997 CIVIC DEL SOL	1986-1987 WAGOVAN



# HMEC Wheel Hub Units Catalogue

**Part Number: 513041**



Attribute	Value
Flange Diameter (A)	5.93
Bolt Circle Diameter (B)	4.53
Bolt Circle Diameter Metric (B)	115.00
Bolt Size (C)	M12X1.5
Bolt Quantity	5
Wheel Pilot Diameter (D)	2.76
Brake Pilot Diameter (E)	2.78
Flange Offset (F)	2.56
Hub Pilot Diameter (G)	2.83
Bolt Hole MET (I)	11.50
Bolt Hole qty	4
Number of Splines	-
Flange Shape (K)	RECTANGULAR
ABS Sensor	Has ABS with Tone Ring Sensor
Location	Rear Wheel

## Vehicle Application:

BUICK	
1987-1990 ELECTRA	1988-1990 REATTA
1988-1990 LESABRE	1988-1990 RIVIERA
CADILLAC	
1988-1990 ALLANTE	1987-1990 FLEETWOOD
1987-1990 DEVILLE	1988-1990 SEVILLE
1988-1990 ELDORADO	



# HMEC Wheel Hub Units Catalogue

OLDSMOBILE	
1987-1990 98	1987-1990 TORONADO
1987-1990 DELTA 88	
PONTIAC	
1987-1990 BONNEVILLE	



# HMEC Wheel Hub Units Catalogue

**Part Number: 513042**



Attribute	Value
Flange Diameter (A)	5.93
Bolt Circle Diameter (B)	4.53
Bolt Circle Diameter Metric (B)	115.00
Bolt Size (C)	M12X1.5
Bolt Quantity	5
Wheel Pilot Diameter (D)	2.76
Brake Pilot Diameter (E)	2.78
Flange Offset (F)	2.56
Hub Pilot Diameter (G)	2.83
Bolt Hole MET (I)	11.50
Bolt Hole qty	4
Number of Splines	-
Flange Shape (K)	RECTANGULAR
ABS Sensor	Has ABS with Tone Ring Sensor
Location	Rear Wheel

## Vehicle Application:

BUICK	
1988-1991 REGAL	
OLDSMOBILE	
1988-1991 CUTLASS SUPREME	
PONTIAC	
1988-1991 GRAND PRIX	



# HMEC Wheel Hub Units Catalogue

**Part Number: 513044**



Attribute	Value
Flange Diameter (A)	5.689
Bolt Circle Diameter	4.528
Bolt Circle Diameter Metric (B)	115.00
Bolt Size (C)	M12X1.5
Bolt Quantity	5
Wheel Pilot Diameter (D)	2.761
Brake Pilot Diameter (E)	2.781
Flange Offset (F)	1.772
Hub Pilot Diameter (G)	3.583
Hub Bolt Circle Diameter (H)	5.748
Bolt Hole MET (I)	M10X1.50
Bolt Hole qty	4
Number of Splines	33
Flange Shape (K)	RECTANGULAR
Location	Front Wheel

## Vehicle Application:

BUICK	
1988-1996 REGAL	
CHEVROLET	
1990-2001 LUMINA	1995-1999 MONTE CARLO
OLDSMOBILE	
1988-1997 CUTLASS SUPREME	
PONTIAC	



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# HMEC Wheel Hub Units Catalogue

1988-1996 GRAND PRIX	
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# HMEC Wheel Hub Units Catalogue

**Part Number: 513050**



Attribute	Value
Flange Diameter (A)	5.28
Bolt Circle Diameter (B)	3.94
Bolt Circle Diameter Metric (B)	100.00
Bolt Size (C)	M12X1.5
Bolt Quantity	4
Wheel Pilot Diameter (D)	2.20
Brake Pilot Diameter (E)	2.40
Flange Offset (F)	1.95
Hub Pilot Diameter (G)	2.50
Hub Bolt Circle Diameter (H)	-
Bolt Hole MET (I)	-
Bolt Hole qty	-
Number of Splines	-
Flange Shape (K)	-
Location	Rear Wheel

**Vehicle Application:**

ACURA

1986-1989 INTEGRA



# HMEC Wheel Hub Units Catalogue

**Part Number: 513059**



Attribute	Value
Flange Diameter (A)	5.768
Bolt Circle Diameter	4.528
Bolt Circle Diameter Metric (B)	115.00
Bolt Size (C)	M12X1.5
Bolt Quantity	5
Wheel Pilot Diameter (D)	2.761
Brake Pilot Diameter (E)	2.781
Flange Offset (F)	1.660
Hub Pilot Diameter (G)	3.545
Hub Bolt Circle Diameter (H)	4.567
Bolt Hole MET (I)	12.96
Bolt Hole qty	3
Number of Splines	33
Flange Shape (K)	MODIFIED TRIANGLE
Location	Front Wheel

## Vehicle Application:

BUICK	
1989-1991 REATTA	1989-1991 RIVIERA
CADILLAC	
1991-1992 ALLANTE	1989-1991 SEVILLE
1989-1991 ELDORADO	
OLDSMOBILE	
1989-1991 TORONADO	



# HMEC Wheel Hub Units Catalogue

**Part Number: 513061**



Attribute	Value
Flange Diameter (A)	5.69
Bolt Circle Diameter	4.75
Bolt Circle Diameter Metric (B)	120.65
Bolt Size (C)	M12X1.5
Bolt Quantity	5
Wheel Pilot Diameter (D)	2.76
Brake Pilot Diameter (E)	2.78
Flange Offset (F)	2.93
Hub Pilot Diameter (G)	3.21
Hub Bolt Circle Diameter (H)	4.75
Bolt Hole MET (I)	M12X1.75
Bolt Hole qty	3
Number of Splines	27
Flange Shape (K)	MODIFIED TRIANGLE
ABS Sensor	Has ABS with Tone Ring Sensor
Location	Front Wheel

## Vehicle Application:

CHEVROLET	
1995-1997 BLAZER	1990-1997 S10 PICKUP
1990-1994 S10 BLAZER	
GMC	
1995-1997 JIMMY	1991-1997 SONOMA
1990-1994 S15 JIMMY	1991 SYCLONE
1990 S15 PICKUP	1992-1993 TYPHOON



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# HMEC Wheel Hub Units Catalogue

OLDSMOBILE	
1991-1994 BRAVADA	1996-1997 BRAVADA



# HMEC Wheel Hub Units Catalogue

**Part Number: 513062**



Attribute	Value
Flange Diameter (A)	5.91
Bolt Circle Diameter (B)	4.53
Bolt Circle Diameter Metric (B)	115.00
Bolt Size (C)	M12X1.5
Bolt Quantity	5
Wheel Pilot Diameter (D)	2.76
Brake Pilot Diameter (E)	2.78
Flange Offset (F)	2.56
Hub Pilot Diameter (G)	2.83
Bolt Hole MET (I)	11.94
Bolt Hole qty	4
Number of Splines	-
Flange Shape (K)	RECTANGULAR
ABS Sensor	Has ABS with Integral Sensor
Location	Rear Wheel

## Vehicle Application:

BUICK	
1991-1999 LESABRE	1991-1996 PARK AVENUE
CADILLAC	
1991-1993 DEVILLE	1991-1993 FLEETWOOD
OLDSMOBILE	
1991-1996 98	1996-1999 LSS
1991-1999 DELTA 88	1997-1998 REGENCY



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# HMEC Wheel Hub Units Catalogue

PONTIAC	
1991-1999 BONNEVILLE	



# HMEC Wheel Hub Units Catalogue

**Part Number: 513074**



Attribute	Value
Flange Diameter (A)	5.51
Bolt Circle Diameter	4.50
Bolt Circle Diameter Metric (B)	114.30
Bolt Size (C)	M12X1.5
Bolt Quantity	5
Wheel Pilot Diameter (D)	2.81
Brake Pilot Diameter (E)	2.89
Flange Offset (F)	1.48
Hub Pilot Diameter (G)	3.39
Hub Bolt Circle Diameter (H)	4.41
Bolt Hole MET (I)	M10X1.5
Bolt Hole qty	4
Number of Splines	26
Flange Shape (K)	RECTANGULAR
Location	Front Wheel

## Vehicle Application:

CHRYSLER	
1990-1995 TOWN & COUNTRY	
DODGE	
1989-1995 CARAVAN	2003 GRAND CARAVAN
1989-1995 GRAND CARAVAN	
PLYMOUTH	
1989-1995 GRAND VOYAGER	1989-1995 VOYAGER



# HMEC Wheel Hub Units Catalogue

**Part Number: 513075**



Attribute	Value
Flange Diameter (A)	4.96
Bolt Circle Diameter	3.94
Bolt Circle Diameter Metric (B)	100.00
Bolt Size (C)	M12X1.5
Bolt Quantity	5
Wheel Pilot Diameter (D)	2.23
Brake Pilot Diameter (E)	2.39
Flange Offset (F)	1.47
Hub Pilot Diameter (G)	3.43
Hub Bolt Circle Diameter (H)	4.41
Bolt Hole MET (I)	M10X1.5
Bolt Hole qty	4
Number of Splines	26
Flange Shape (K)	RECTANGULAR
Location	Front Wheel

## Vehicle Application:

CHRYSLER	
1990-1993 IMPERIAL	1989-1993 NEW YORKER
1989-1995 LEBARON	1991-1995 TOWN & COUNTRY
DODGE	
1991-1995 CARAVAN	2003 GRAND CARAVAN
1989-1993 DAYTONA	1991-1994 SHADOW
1989-1993 DYNASTY	1991-1995 SPIRIT
1991-1995 GRAND CARAVAN	



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# HMEC Wheel Hub Units Catalogue

PLYMOUTH	
1991-1995 ACCLAIM	1991-1994 SUNDANCE
1991-1995 GRAND VOYAGER	1991-1995 VOYAGER



# HMEC Wheel Hub Units Catalogue

**Part Number: 513076**



Attribute	Value
Flange Diameter (A)	5.47
Bolt Circle Diameter (B)	4.25
Bolt Circle Diameter Metric (B)	107.95
Bolt Size (C)	M12X1.5
Bolt Quantity	5
Wheel Pilot Diameter (D)	2.49
Brake Pilot Diameter (E)	2.54
Flange Offset (F)	2.05
Hub Pilot Diameter (G)	3.94
Hub Bolt Circle Diameter (H)	-
Bolt Hole MET (I)	-
Bolt Hole qty	-
Number of Splines	-
Flange Shape (K)	-
ABS Sensor	Has ABS with Tone Ring Sensor
Location	Front Wheel

**Vehicle Application:**

FORD	
1989-1990 THUNDERBIRD	
MERCURY	
1989-1990 COUGAR	



# HMEC Wheel Hub Units Catalogue

**Part Number: 513077**



Attribute	Value
Flange Diameter (A)	5.47
Bolt Circle Diameter (B)	4.25
Bolt Circle Diameter Metric (B)	107.95
Bolt Size (C)	M12X1.5
Bolt Quantity	5
Wheel Pilot Diameter (D)	2.49
Brake Pilot Diameter (E)	2.54
Flange Offset (F)	2.05
Hub Pilot Diameter (G)	3.27
Hub Bolt Circle Diameter (H)	-
Bolt Hole MET (I)	-
Bolt Hole qty	-
Number of Splines	-
Flange Shape (K)	-
Location	Front Wheel

## Vehicle Application:

FORD	
1989-1990 THUNDERBIRD	
MERCURY	
1989-1990 COUGAR	



# HMEC Wheel Hub Units Catalogue

**Part Number: 513079**



Attribute	Value
Flange Diameter (A)	5.984
Bolt Circle Diameter (B)	4.504
Bolt Circle Diameter Metric (B)	114.40
Bolt Size (C)	M12X1.5
Bolt Quantity	4
Wheel Pilot Diameter (D)	2.2864
Brake Pilot Diameter (E)	2.5232
Flange Offset (F)	2.205
Hub Pilot Diameter (G)	2.598
Hub Bolt Circle Diameter (H)	-
Bolt Hole MET (I)	-
Bolt Hole qty	-
Number of Splines	-
Flange Shape (K)	-
Location	Rear Wheel

## Vehicle Application:

HONDA

1990-1991 ACCORD



# HMEC Wheel Hub Units Catalogue

**Part Number: 513080**



Attribute	Value
Flange Diameter (A)	5.984
Bolt Circle Diameter (B)	4.504
Bolt Circle Diameter Metric (B)	114.40
Bolt Size (C)	M12X1.5
Bolt Quantity	4
Wheel Pilot Diameter (D)	2.2864
Brake Pilot Diameter (E)	2.5232
Flange Offset (F)	2.205
Hub Pilot Diameter (G)	2.598
Hub Bolt Circle Diameter (H)	-
Bolt Hole MET (I)	-
Bolt Hole qty	-
Number of Splines	-
Flange Shape (K)	-
Location	Rear Wheel

## Vehicle Application:

HONDA

1990-1997 ACCORD



# HMEC Wheel Hub Units Catalogue

**Part Number: 513081**



Attribute	Value
Flange Diameter (A)	5.984
Bolt Circle Diameter (B)	4.504
Bolt Circle Diameter Metric (B)	114.40
Bolt Size (C)	M12X1.5
Bolt Quantity	4
Wheel Pilot Diameter (D)	2.5232
Brake Pilot Diameter (E)	2.5232
Flange Offset (F)	2.205
Hub Pilot Diameter (G)	2.764
Hub Bolt Circle Diameter (H)	-
Bolt Hole MET (I)	-
Bolt Hole qty	-
Number of Splines	-
Flange Shape (K)	-
ABS Sensor	Has ABS with Tone Ring Sensor
Location	Rear Wheel

**Vehicle Application:**

HONDA	
1990-1993 ACCORD	



# HMEC Wheel Hub Units Catalogue

**Part Number: 513082**



Attribute	Value
Flange Diameter (A)	5.67
Bolt Circle Diameter	4.50
Bolt Circle Diameter Metric (B)	114.30
Bolt Size (C)	1/2-20
Bolt Quantity	5
Wheel Pilot Diameter (D)	2.81
Brake Pilot Diameter (E)	2.89
Flange Offset (F)	2.115
Hub Pilot Diameter (G)	3.39
Hub Bolt Circle Diameter (H)	-
Bolt Hole MET (I)	14.56
Bolt Hole qty	4
Number of Splines	26
Flange Shape (K)	RECTANGULAR
Location	Front Wheel

<b>Vehicle Application:</b>	
DODGE	
1987-1990 DAKOTA	

# HMEC Wheel Hub Units Catalogue

**Part Number: 513084**



Attribute	Value
Flange Diameter (A)	6.043
Bolt Circle Diameter	4.500
Bolt Circle Diameter Metric (B)	114.30
Bolt Size (C)	1/2-20
Bolt Quantity	5
Wheel Pilot Diameter (D)	2.812
Brake Pilot Diameter (E)	2.832
Flange Offset (F)	2.133
Hub Pilot Diameter (G)	3.942
Hub Bolt Circle Diameter (H)	4.750
Bolt Hole MET (I)	M12X1.75
Bolt Hole qty	3
Number of Splines	27
Flange Shape (K)	TRIANGULAR
Location	Front Wheel

## Vehicle Application:

JEEP	
1990-1999 CHEROKEE	1990 WAGONEER
1990-1992 COMANCHE	1990-1995 WRANGLER
1993-1998 GRAND CHEROKEE	1997-1999 WRANGLER



# HMEC Wheel Hub Units Catalogue

**Part Number: 513085**



Attribute	Value
Flange Diameter (A)	5.79
Bolt Circle Diameter (B)	4.75
Bolt Circle Diameter Metric (B)	120.65
Bolt Size (C)	M12X1.5
Bolt Quantity	5
Wheel Pilot Diameter (D)	2.76
Brake Pilot Diameter (E)	2.78
Flange Offset (F)	2.72
Hub Pilot Diameter (G)	2.83
Bolt Hole MET (I)	11.94
Bolt Hole qty	4
Number of Splines	-
Flange Shape (K)	RECTANGULAR
ABS Sensor	Has ABS with Integral Sensor
Location	Front Wheel

**Vehicle Application:**

CHEVROLET	
1991-1996 CORVETTE	
EXCALIBUR	
1993 LIMITED	



# HMEC Wheel Hub Units Catalogue

**Part Number: 513087**



Attribute	Value
Flange Diameter (A)	5.73
Bolt Circle Diameter	4.53
Bolt Circle Diameter Metric (B)	115.00
Bolt Size (C)	M12X1.5
Bolt Quantity	5
Wheel Pilot Diameter (D)	2.76
Brake Pilot Diameter (E)	2.78
Flange Offset (F)	1.66
Hub Pilot Diameter (G)	3.59
Hub Bolt Circle Diameter (H)	4.57
Bolt Hole MET (I)	12.70
Bolt Hole qty	3
Number of Splines	33
Flange Shape (K)	TRIANGULAR
Location	Front Wheel

## Vehicle Application:

BUICK	
1994-1996 CENTURY	1992-1993 RIVIERA
1992-1999 LESABRE	1995-1996 RIVIERA
1992-1996 PARK AVENUE	
CADILLAC	
1993 ALLANTE	1992-1996 ELDORADO
1994-1996 CONCOURS	1992-1993 FLEETWOOD



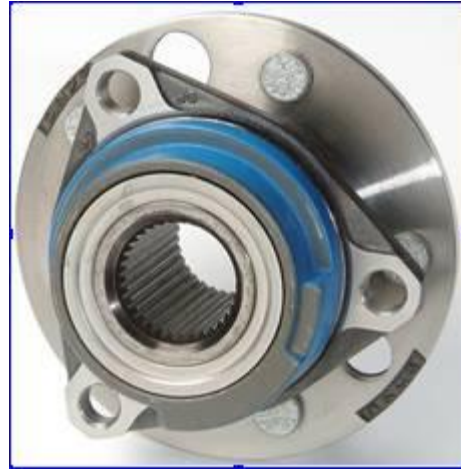
# HMEC Wheel Hub Units Catalogue

1992-1996 DEVILLE	1992-1996 SEVILLE
CHEVROLET	
1992-1996 LUMINA APV	
OLDSMOBILE	
1992-1996 98	1996-1999 LSS
1995-1996 AURORA	1997-1998 REGENCY
1995-1996 CIERA	1992-1996 SILHOUETTE
1994 CUTLASS CIERA	1992 TORONADO
1992-1999 DELTA 88	



# HMEC Wheel Hub Units Catalogue

**Part Number: 513088**



Attribute	Value
Flange Diameter (A)	5.73
Bolt Circle Diameter	4.53
Bolt Circle Diameter Metric (B)	115.00
Bolt Size (C)	M12X1.5
Bolt Quantity	5
Wheel Pilot Diameter (D)	2.76
Brake Pilot Diameter (E)	2.78
Flange Offset (F)	1.66
Hub Pilot Diameter (G)	3.07
Hub Bolt Circle Diameter (H)	4.57
Bolt Hole MET (I)	12.47
Bolt Hole qty	3
Number of Splines	33
Flange Shape (K)	TRIANGULAR
Location	Front Wheel

## Vehicle Application:

BUICK	
1992 LESABRE	
CADILLAC	
1992-1993 DEVILLE	1992-1993 FLEETWOOD
OLDSMOBILE	
1992 DELTA 88	
PONTIAC	



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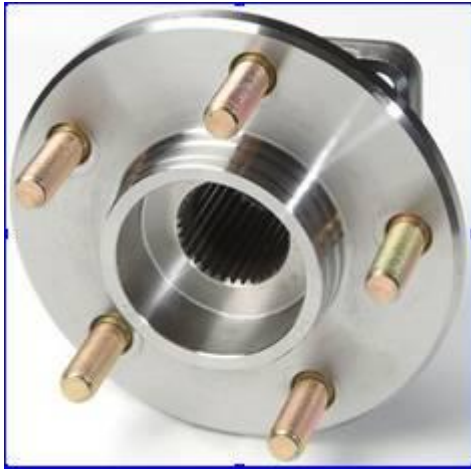
# HMEC Wheel Hub Units Catalogue

1992 BONNEVILLE	
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# HMEC Wheel Hub Units Catalogue

**Part Number: 513089**



Attribute	Value
Flange Diameter (A)	5.73
Bolt Circle Diameter (B)	4.50
Bolt Circle Diameter Metric (B)	114.30
Bolt Size (C)	M12X1.5
Bolt Quantity	5
Wheel Pilot Diameter (D)	2.81
Brake Pilot Diameter (E)	2.89
Flange Offset (F)	1.66
Hub Pilot Diameter (G)	2.52
Hub Bolt Circle Diameter (H)	4.57
Bolt Hole MET (I)	M12X1.75
Bolt Hole qty	3
Number of Splines	33
Flange Shape (K)	TRIANGULAR
Location	Front/Rear Wheel

## Vehicle Application:

CHRYSLER	
1999-2004 300M	1999-2001 LHS
1993-2004 CONCORDE	1994-1996 NEW YORKER
2000-2001 INTREPID	2001-2002 PROWLER
1994-1997 LHS	
DODGE	
1993-2004 INTREPID	



# HMEC Wheel Hub Units Catalogue

EAGLE	
1993-1997 VISION	
PLYMOUTH	
1997 PROWLER	1999-2001 PROWLER



# HMEC Wheel Hub Units Catalogue

**Part Number: 513090**



Attribute	Value
Flange Diameter (A)	5.79
Bolt Circle Diameter (B)	4.75
Bolt Circle Diameter Metric (B)	120.65
Bolt Size (C)	M12X1.5
Bolt Quantity	5
Wheel Pilot Diameter (D)	2.76
Brake Pilot Diameter (E)	2.78
Flange Offset (F)	2.72
Hub Pilot Diameter (G)	2.79
Bolt Hole MET (I)	M10X1.5
Bolt Hole qty	4
Number of Splines	-
Flange Shape (K)	RECTANGULAR
ABS Sensor	Has ABS with Integral Sensor
Location	Front Wheel

## Vehicle Application:

AVANTI	
2001-2003 II	
CHEVROLET	
1993-2002 CAMARO	
PONTIAC	
1993-2002 FIREBIRD	



# HMEC Wheel Hub Units Catalogue

**Part Number: 513092**



Attribute	Value
Flange Diameter (A)	5.47
Bolt Circle Diameter (B)	4.25
Bolt Circle Diameter Metric (B)	107.95
Bolt Size (C)	M12X1.5
Bolt Quantity	5
Wheel Pilot Diameter (D)	2.49
Brake Pilot Diameter (E)	2.80
Flange Offset (F)	1.87
Hub Pilot Diameter (G)	3.94
Hub Bolt Circle Diameter (H)	-
Bolt Hole MET (I)	-
Bolt Hole qty	-
Number of Splines	-
Flange Shape (K)	-
ABS Sensor	Has ABS with Tone Ring Sensor
Location	Front Wheel

## Vehicle Application:

FORD	
1991-1997 THUNDERBIRD	
LINCOLN	
1992 MARK VII	1993-1998 MARK VIII
MERCURY	
1991-1997 COUGAR	



# HMEC Wheel Hub Units Catalogue

**Part Number: 513093**



Attribute	Value
Flange Diameter (A)	3.31
Bolt Circle Diameter (B)	-
Bolt Circle Diameter Metric (B)	-
Bolt Size (C)	-
Bolt Quantity	-
Wheel Pilot Diameter (D)	-
Brake Pilot Diameter (E)	-
Flange Offset (F)	-
Hub Pilot Diameter (G)	-
Hub Bolt Circle Diameter (H)	4.02
Bolt Hole MET (I)	M10X1.25
Bolt Hole qty	4
Number of Splines	-
Flange Shape (K)	-
Location	Front Wheel

## Vehicle Application:

ACURA	
1992-1994 VIGOR	



# HMEC Wheel Hub Units Catalogue

**Part Number: 513094**



Attribute	Value
Flange Diameter (A)	5.47
Bolt Circle Diameter (B)	4.72
Bolt Circle Diameter Metric (B)	120.00
Bolt Size (C)	M12X1.5
Bolt Quantity	5
Wheel Pilot Diameter (D)	2.85
Brake Pilot Diameter (E)	3.11
Flange Offset (F)	1.77
Hub Pilot Diameter (G)	3.58
Hub Bolt Circle Diameter (H)	-
Bolt Hole MET (I)	-
Bolt Hole qty	-
Number of Splines	-
Flange Shape (K)	-
ABS Sensor	Has ABS with Tone Ring Sensor
Location	Front Wheel

## Vehicle Application:

BMW	
1985-1986 524TD	1985-1989 635CSI
1982-1988 528E	1987 L6
1983-1984 533I	1986-1987 L7
1985-1988 535I	1988-1991 M3
1988 535IS	1988 M5
1983-1984 633CSI	1987-1988 M6



# HMEC Wheel Hub Units Catalogue

**Part Number: 513096**



Attribute	Value
Flange Diameter (A)	5.47
Bolt Circle Diameter (B)	4.72
Bolt Circle Diameter Metric (B)	120.00
Bolt Size (C)	M12X1.5
Bolt Quantity	5
Wheel Pilot Diameter (D)	2.85
Brake Pilot Diameter (E)	3.11
Flange Offset (F)	1.77
Hub Pilot Diameter (G)	3.82
Hub Bolt Circle Diameter (H)	-
Bolt Hole MET (I)	-
Bolt Hole qty	-
Number of Splines	-
Flange Shape (K)	-
ABS Sensor	Has ABS with Tone Ring Sensor
Location	Front Wheel

## Vehicle Application:

BMW	
1989-1991 525I	1988-1991 750IL
1989-1991 535I	1991-1992 850I
1987-1991 735I	1991-1993 M5
1988-1991 735IL	



# HMEC Wheel Hub Units Catalogue

**Part Number: 513098**



Attribute	Value
Flange Diameter (A)	3.31
Bolt Circle Diameter (B)	-
Bolt Circle Diameter Metric (B)	-
Bolt Size (C)	-
Bolt Quantity	-
Wheel Pilot Diameter (D)	-
Brake Pilot Diameter (E)	-
Flange Offset (F)	-
Hub Pilot Diameter (G)	-
Hub Bolt Circle Diameter (H)	4.02
Bolt Hole MET (I)	M1-X1.25
Bolt Hole qty	4
Number of Splines	-
Flange Shape (K)	-
Location	Front Wheel

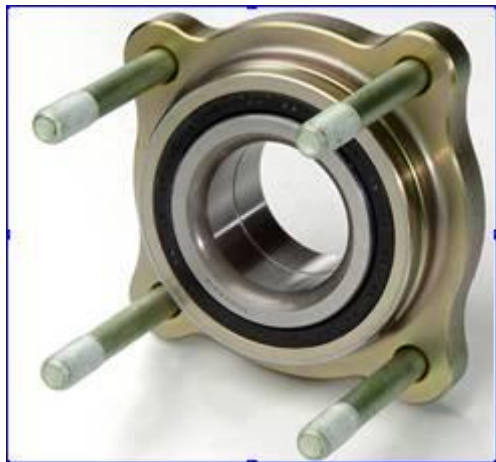
## Vehicle Application:

ACURA	
1997-1999 CL	
HONDA	
1990-1997 ACCORD	



# HMEC Wheel Hub Units Catalogue

**Part Number: 513099**



Attribute	Value
Flange Diameter (A)	3.189
Bolt Circle Diameter (B)	-
Bolt Circle Diameter Metric (B)	-
Bolt Size (C)	-
Bolt Quantity	-
Wheel Pilot Diameter (D)	-
Brake Pilot Diameter (E)	-
Flange Offset (F)	-
Hub Pilot Diameter (G)	-
Hub Bolt Circle Diameter (H)	4.173
Bolt Hole qty	4
Number of Splines	-
Flange Shape (K)	-
Location	Front Wheel

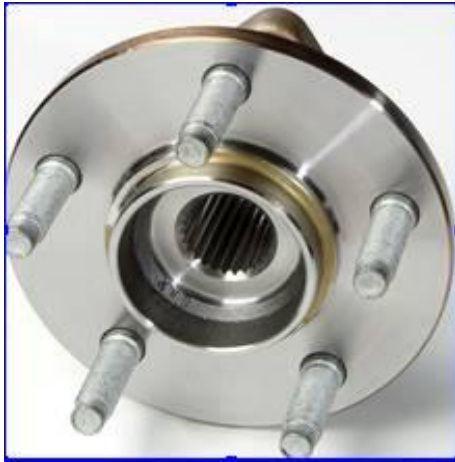
## Vehicle Application:

ACURA	
1991-2005 NSX	



# HMEC Wheel Hub Units Catalogue

**Part Number: 513100**



Attribute	Value
Flange Diameter (A)	5.47
Bolt Circle Diameter	4.25
Bolt Circle Diameter Metric (B)	107.95
Bolt Size (C)	M12X1.5
Bolt Quantity	5
Wheel Pilot Diameter (D)	2.49
Brake Pilot Diameter (E)	2.79
Flange Offset (F)	1.41
Hub Pilot Diameter (G)	3.36
Hub Bolt Circle Diameter (H)	4.41
Bolt Hole MET (I)	M12X1.75
Bolt Hole qty	3
Number of Splines	26
Flange Shape (K)	MODIFIED TRIANGLE
Location	Front Wheel

## Vehicle Application:

FORD	
1996-2007 TAURUS	
LINCOLN	
1995-2002 CONTINENTAL	
MERCURY	
1996-2005 SABLE	



# HMEC Wheel Hub Units Catalogue

<b>Part Number: 513100-1</b>	
<b>Vehicle Application:</b>	
FORD	
1996-2007 TAURUS	
LINCOLN	
1995-2002 CONTINENTAL	
MERCURY	
1996-2005 SABLE	



# HMEC Wheel Hub Units Catalogue

**Part Number: 513104**



Attribute	Value
Flange Diameter (A)	5.94
Bolt Circle Diameter (B)	4.50
Bolt Circle Diameter Metric (B)	114.30
Bolt Size (C)	1/2-20
Bolt Quantity	5
Wheel Pilot Diameter (D)	2.77
Brake Pilot Diameter (E)	2.82
Flange Offset (F)	2.05
Hub Pilot Diameter (G)	3.07
Hub Bolt Circle Diameter (H)	-
Bolt Hole MET (I)	-
Bolt Hole qty	-
Number of Splines	-
Flange Shape (K)	-
Location	Front Wheel

## Vehicle Application:

FORD	
1996-2007 TAURUS	
LINCOLN	
1995-2002 CONTINENTAL	
MERCURY	
1996-2005 SABLE	



# HMEC Wheel Hub Units Catalogue

**Part Number: 513105**



Attribute	Value
Flange Diameter (A)	5.354
Bolt Circle Diameter (B)	3.937
Bolt Circle Diameter Metric (B)	100.00
Bolt Size (C)	M12X1.5
Bolt Quantity	4
Wheel Pilot Diameter (D)	2.2083
Brake Pilot Diameter (E)	2.4016
Flange Offset (F)	2.146
Hub Pilot Diameter (G)	3.031
Hub Bolt Circle Diameter (H)	-
Bolt Hole MET (I)	-
Bolt Hole qty	-
Number of Splines	-
Flange Shape (K)	-
ABS Sensor	Has ABS with Tone Ring Sensor
Location	Rear Wheel

## Vehicle Application:

ACURA	
1990-2001 INTEGRA	
HONDA	
1992-2000 CIVIC	1995-1997 CIVIC DEL SOL



# HMEC Wheel Hub Units Catalogue

**Part Number: 513107**



Attribute	Value
Flange Diameter (A)	5.69
Bolt Circle Diameter	4.50
Bolt Circle Diameter Metric (B)	114.30
Bolt Size (C)	1/2-20
Bolt Quantity	5
Wheel Pilot Diameter (D)	2.81
Brake Pilot Diameter (E)	2.83
Flange Offset (F)	1.81
Hub Pilot Diameter (G)	3.75
Hub Bolt Circle Diameter (H)	4.75
Bolt Hole MET (I)	M12X1.75
Bolt Hole qty	3
Number of Splines	27
Flange Shape (K)	TRIANGULAR
Location	Front Wheel

## Vehicle Application:

JEEP	
1984-1989 CHEROKEE	1984-1989 WAGONEER
1986-1989 COMANCHE	1987-1989 WRANGLER



# HMEC Wheel Hub Units Catalogue

**Part Number: 513109**



Attribute	Value
Flange Diameter (A)	5.78
Bolt Circle Diameter (B)	4.75
Bolt Circle Diameter Metric (B)	120.65
Bolt Size (C)	M12X1.5
Bolt Quantity	5
Wheel Pilot Diameter (D)	2.76
Brake Pilot Diameter (E)	2.78
Flange Offset (F)	2.72
Hub Pilot Diameter (G)	2.83
Bolt Hole MET (I)	11.94
Bolt Hole qty	4
Number of Splines	-
Flange Shape (K)	RECTANGULAR
ABS Sensor	Has ABS with Tone Ring Sensor
Location	Front Wheel

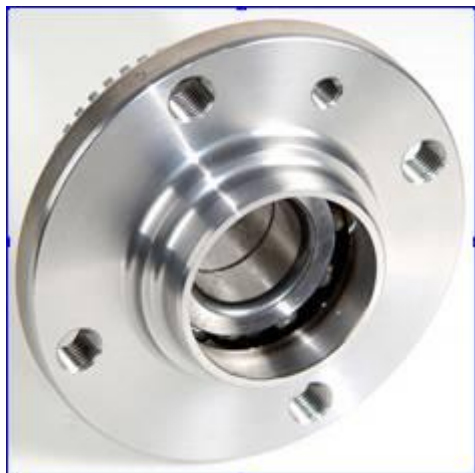
**Vehicle Application:**

DODGE	
1990-1996 DAKOTA	1992-1995 VIPER



# HMEC Wheel Hub Units Catalogue

**Part Number: 513111**



Attribute	Value
Flange Diameter (A)	4.724
Bolt Circle Diameter (B)	3.937
Bolt Circle Diameter Metric (B)	100
Bolt Size (C)	M12X1.5
Bolt Quantity	4
Wheel Pilot Diameter (D)	2.2441
Brake Pilot Diameter (E)	2.598
Hub Bolt Circle Diameter (H)	-
Bolt Hole MET (I)	-
Bolt Hole qty	-
Number of Splines	-
Flange Shape (K)	-
Location	Front Wheel

## Vehicle Application:

BMW	
1984-1985 318I	1984-1987 325E
1991 318I	1986-1987 325ES
1991 318IC	1987-1991 325I
1991 318IS	1987-1991 325IS
1986-1988 325	



# HMEC Wheel Hub Units Catalogue

**Part Number: 513114**



Attribute	Value
Flange Diameter (A)	5.51
Bolt Circle Diameter (B)	4.50
Bolt Circle Diameter Metric (B)	114.30
Bolt Size (C)	M12X1.5
Bolt Quantity	5
Flange Offset (F)	2.40
Hub Bolt Circle Diameter (H)	-
Bolt Hole MET (I)	-
Bolt Hole qty	-
Number of Splines	-
Flange Shape (K)	-
Location	Front Wheel

**Vehicle Application:**

MAZDA	
1992-1995 929	



# HMEC Wheel Hub Units Catalogue

**Part Number: 513115**



Attribute	Value
Flange Diameter (A)	5.47
Bolt Circle Diameter (B)	4.50
Bolt Circle Diameter Metric (B)	114.30
Bolt Size (C)	1/2-20
Bolt Quantity	5
Wheel Pilot Diameter (D)	2.78
Brake Pilot Diameter (E)	2.80
Flange Offset (F)	1.87
Hub Pilot Diameter (G)	3.15
Hub Bolt Circle Diameter (H)	-
Bolt Hole MET (I)	-
Bolt Hole qty	-
Number of Splines	-
Flange Shape (K)	-
ABS Sensor	Has ABS with Tone Ring Sensor
Location	Front Wheel

## Vehicle Application:

FORD

1994-2004 MUSTANG



# HMEC Wheel Hub Units Catalogue

**Part Number: 513121**



Attribute	Value
Flange Diameter (A)	5.728
Bolt Circle Diameter	4.527
Bolt Circle Diameter Metric (B)	114.99
Bolt Size (C)	M12X1.5
Bolt Quantity	5
Wheel Pilot Diameter (D)	2.759
Brake Pilot Diameter (E)	2.759
Flange Offset (F)	2.736
Hub Pilot Diameter (G)	3.598
Hub Bolt Circle Diameter (H)	4.566
Bolt Hole MET (I)	M12X1.75
Bolt Hole qty	3
Number of Splines	33
Flange Shape (K)	MODIFIED TRIANGLE
ABS Sensor	Has ABS with Integral Sensor
Location	Front/Rear Wheel

## Vehicle Application:

BUICK	
1997-2001 CENTURY	1997-2001 REGAL
2000-2001 LESABRE	2002-2007 RENDEZVOUS
1997-2001 PARK AVENUE	1997-1999 RIVIERA
CADILLAC	
1997-1999 CONCOURS	1997-2001 ELDORADO
1997-2001 DEVILLE	1997-2001 SEVILLE



# HMEC Wheel Hub Units Catalogue

CHEVROLET	
2000-2001 IMPALA	1997-2004 VENTURE
2000-2001 MONTE CARLO	
OLDSMOBILE	
1997-1999 AURORA	1997-2004 SILHOUETTE
1998-2001 INTRIGUE	
PONTIAC	
2001-2005 AZTEK	1999-2003 MONTANA
2000-2001 BONNEVILLE	



# HMEC Wheel Hub Units Catalogue

**Part Number: 513122**



Attribute	Value
Flange Diameter (A)	4.96
Bolt Circle Diameter	3.94
Bolt Circle Diameter Metric (B)	100.00
Bolt Size (C)	M12X1.5
Bolt Quantity	5
Wheel Pilot Diameter (D)	2.24
Brake Pilot Diameter (E)	2.40
Flange Offset (F)	1.48
Hub Pilot Diameter (G)	3.39
Hub Bolt Circle Diameter (H)	4.41
Bolt Hole MET (I)	M10X1.5
Bolt Hole qty	4
Number of Splines	26
Flange Shape (K)	RECTANGULAR
Location	Front Wheel

## Vehicle Application:

CHRYSLER	
2000 GRAND VOYAGER	2000 VOYAGER
1996-2000 TOWN & COUNTRY	
DODGE	
1996-2001 CARAVAN	1996-2001 GRAND CARAVAN
PLYMOUTH	
1996-2000 GRAND VOYAGER	1996-2000 VOYAGER



# HMEC Wheel Hub Units Catalogue

**Part Number: 513123**



Attribute	Value
Flange Diameter (A)	5.51
Bolt Circle Diameter	4.50
Bolt Circle Diameter Metric (B)	114.30
Bolt Size (C)	M12X1.5
Bolt Quantity	5
Wheel Pilot Diameter (D)	2.81
Brake Pilot Diameter (E)	2.89
Flange Offset (F)	1.48
Hub Pilot Diameter (G)	3.39
Hub Bolt Circle Diameter (H)	4.41
Bolt Hole MET (I)	M10X1.5
Bolt Hole qty	4
Number of Splines	26
Flange Shape (K)	RECTANGULAR
Location	Front Wheel

## Vehicle Application:

CHEVROLET	
2002 SILVERADO 2500 HD	
CHRYSLER	
2000 GRAND VOYAGER	1996-2007 TOWN & COUNTRY
2001-2002 PROWLER	2000-2003 VOYAGER
DODGE	
1996-2007 CARAVAN	1996-2007 GRAND CARAVAN
PLYMOUTH	



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# HMEC Wheel Hub Units Catalogue

1996-2000 GRAND VOYAGER	1999-2001 PROWLER
1997 PROWLER	1996-2000 VOYAGER



# HMEC Wheel Hub Units Catalogue

**Part Number: 513124**



Attribute	Value
Flange Diameter (A)	5.688
Bolt Circle Diameter	4.757
Bolt Circle Diameter Metric (B)	120.83
Bolt Size (C)	M12X1.5
Bolt Quantity	5
Wheel Pilot Diameter (D)	2.759
Brake Pilot Diameter (E)	2.775
Flange Offset (F)	1.858
Hub Pilot Diameter (G)	3.208
Hub Bolt Circle Diameter (H)	4.748
Bolt Hole MET (I)	M12X1.75
Bolt Hole qty	3
Number of Splines	27
Flange Shape (K)	MODIFIED TRIANGLE
ABS Sensor	Has ABS with Integral Sensor
Location	Front Wheel

## Vehicle Application:

CHEVROLET	
1997-2005 BLAZER	1997-2004 S10 PICKUP
GMC	
1997-2001 JIMMY	1997-2004 SONOMA
ISUZU	
1998-2000 HOMBRE	
OLDSMOBILE	



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# HMEC Wheel Hub Units Catalogue

1997-2001 BRAVADA	
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# HMEC Wheel Hub Units Catalogue

**Part Number: 513125**



Attribute	Value
Flange Diameter (A)	5.63
Bolt Circle Diameter (B)	4.72
Bolt Circle Diameter Metric (B)	120.00
Bolt Size (C)	-
Bolt Quantity	5
Wheel Pilot Diameter (D)	2.85
Brake Pilot Diameter (E)	3.11
Flange Offset (F)	1.77
Hub Pilot Diameter (G)	3.27
Hub Bolt Circle Diameter (H)	-
Bolt Hole MET (I)	-
Bolt Hole qty	-
Number of Splines	-
Flange Shape (K)	-
ABS Sensor	Has ABS with Tone Ring Sensor
Location	Front Wheel

## Vehicle Application:

BMW	
1992-1998 318I	1991-1995 525I
1992 318IC	1993-1995 525IT
1994-1997 318IC	1994-1995 530I
1992-1997 318IS	1994-1995 530IT
1995-1999 318TI	1991-1993 535I
2000 323CI	1994-1995 540I



# HMEC Wheel Hub Units Catalogue

1999-2000 323I	1992 735I
1998-1999 323IC	1992 735IL
1998-1999 323IS	1993-1994 740I
2001-2005 325CI	1993-1994 740IL
1992-1995 325I	1992-1994 750IL
2001-2005 325I	1994-1997 840CI
1992-1995 325IS	1993-1997 850CI
2000 328CI	1994-1995 850CSI
1996-2000 328I	1992 850I
1996-1999 328IC	1995-1999 M3
1996-1999 328IS	2001-2006 M3
2001-2005 330CI	1996-2002 Z3
2001-2005 330I	2003-2007 Z4



# HMEC Wheel Hub Units Catalogue

**Part Number: 513128**



Attribute	Value
Flange Diameter (A)	5.39
Bolt Circle Diameter (B)	4.25
Bolt Circle Diameter Metric (B)	107.95
Bolt Size (C)	M12X1.5
Bolt Quantity	5
Wheel Pilot Diameter (D)	2.56
Brake Pilot Diameter (E)	2.68
Hub Bolt Circle Diameter (H)	4.25
Bolt Hole MET (I)	-
Bolt Hole qty	-
Number of Splines	-
Flange Shape (K)	-
Location	Front Wheel

## Vehicle Application:

VOLVO	
1988-1992 740	1988-1991 780
1988-1990 760	



# HMEC Wheel Hub Units Catalogue

**Part Number: 513131**



Attribute	Value
Flange Diameter (A)	5.51
Bolt Circle Diameter (B)	4.50
Bolt Circle Diameter Metric (B)	114.30
Bolt Size (C)	M12X1.5
Bolt Quantity	5
Wheel Pilot Diameter (D)	2.64
Brake Pilot Diameter (E)	2.83
Flange Offset (F)	2.40
Hub Pilot Diameter (G)	3.07
Hub Bolt Circle Diameter (H)	-
Bolt Hole MET (I)	-
Bolt Hole qty	-
Number of Splines	-
Flange Shape (K)	-
ABS Sensor	Has ABS with Tone Ring Sensor
Location	Front Wheel

## Vehicle Application:

MAZDA	
1992-1995 929	1989-1998 MPV



# HMEC Wheel Hub Units Catalogue

**Part Number: 513135**



Attribute	Value
Flange Diameter (A)	3.31
Bolt Circle Diameter (B)	-
Bolt Circle Diameter Metric (B)	-
Bolt Size (C)	-
Bolt Quantity	-
Wheel Pilot Diameter (D)	-
Brake Pilot Diameter (E)	-
Flange Offset (F)	-
Hub Pilot Diameter (G)	3.23
Hub Bolt Circle Diameter (H)	4.17
Bolt Hole MET (I)	M12X1.25
Bolt Hole qty	4
Number of Splines	-
Flange Shape (K)	OFFSET TRAPEZIOD
Location	Front Wheel

<b>Vehicle Application:</b>	
MITSUBISHI	
1996-1998 GALANT	



# HMEC Wheel Hub Units Catalogue

**Part Number: 513137**



Attribute	Value
Flange Diameter (A)	5.71
Bolt Circle Diameter	4.53
Bolt Circle Diameter Metric (B)	115.00
Bolt Size (C)	M12X1.5
Bolt Quantity	5
Wheel Pilot Diameter (D)	2.76
Brake Pilot Diameter (E)	2.78
Flange Offset (F)	2.54
Hub Pilot Diameter (G)	3.58
Hub Bolt Circle Diameter (H)	4.57
Bolt Hole MET (I)	M12X1.75
Bolt Hole qty	3
Number of Splines	30
Flange Shape (K)	TRIANGULAR
ABS Sensor	Has ABS with Integral Sensor
Location	Front Wheel

## Vehicle Application:

CHEVROLET	
2004-2005 CLASSIC	1997-2003 MALIBU
OLDSMOBILE	
1997 CUTLASS SUPREME	
1997-1999 CUTLASS	
PONTIAC	
1999-2005 GRAND AM	



# HMEC Wheel Hub Units Catalogue

**Part Number: 513138**



Attribute	Value
Flange Diameter (A)	4.963
Bolt Circle Diameter	3.743
Bolt Circle Diameter Metric (B)	95.0722
Bolt Size (C)	M12X1.5
Bolt Quantity	5
Wheel Pilot Diameter (D)	2.236
Brake Pilot Diameter (E)	2.41
Flange Offset (F)	1.475
Hub Pilot Diameter (G)	3.423
Hub Bolt Circle Diameter (H)	2.94
Bolt Hole qty	3
Number of Splines	26
Flange Shape (K)	TRIANGULAR
Location	Front Wheel

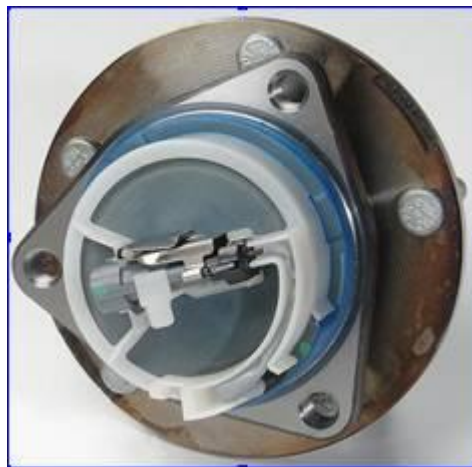
## Vehicle Application:

CHRYSLER	
1995-2000 CIRRUS	1996-2006 SEBRING
DODGE	
1995-2006 STRATUS	
PLYMOUTH	
1996-2000 BREEZE	



# HMEC Wheel Hub Units Catalogue

**Part Number: 513139**



Attribute	Value
Flange Diameter (A)	5.73
Bolt Circle Diameter (B)	4.75
Bolt Circle Diameter Metric (B)	120.65
Bolt Size (C)	M12X1.5
Bolt Quantity	5
Wheel Pilot Diameter (D)	2.76
Brake Pilot Diameter (E)	2.78
Flange Offset (F)	1.66
Hub Pilot Diameter (G)	3.60
Hub Bolt Circle Diameter (H)	4.57
Bolt Hole MET (I)	M12X1.75
Bolt Hole qty	3
Number of Splines	-
Flange Shape (K)	TRIANGULAR
ABS Sensor	Has ABS with Integral Sensor
Location	Front Wheel

## Vehicle Application:

CADILLAC	
2004-2007 XLR	
CHEVROLET	
1997-2007 CORVETTE	



# HMEC Wheel Hub Units Catalogue

**Part Number: 513144K**



Attribute	Value
Bore (A)	1.2205
Outer Diameter (B)	4.252
Width (C)	1.2598
Inner Race Radius	0.122
Outer Race Radius	0.0315
Series	
Type Illustration	

## Vehicle Application:

DODGE	
1990-1992 MONACO	
EAGLE	
1988-1989 MEDALLION	1988-1992 PREMIER
RENAULT	
1982-1985 FUEGO	1983-1986 R18I



# HMEC Wheel Hub Units Catalogue

**Part Number: 513152**



Attribute	Value
Bore (A)	1.2205
Outer Diameter (B)	4.252
Width (C)	1.2598
Inner Race Radius	0.122
Outer Race Radius	0.0315
Series	
Type Illustration	

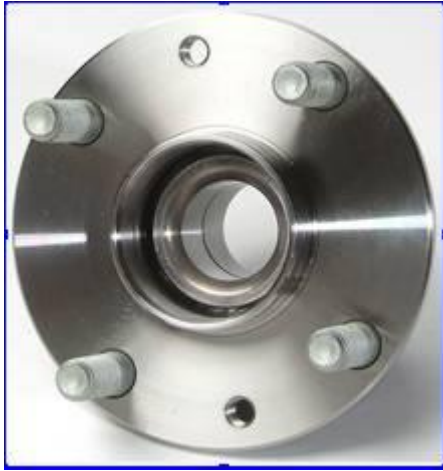
**Vehicle Application:**

MAZDA	
1990-1997 MIATA	1999-2005 MIATA



# HMEC Wheel Hub Units Catalogue

**Part Number: 513155**



Attribute	Value
Flange Diameter (A)	4.803
Bolt Circle Diameter (B)	3.937
Bolt Circle Diameter Metric (B)	100.00
Bolt Size (C)	M12X1.5
Bolt Quantity	4
Wheel Pilot Diameter (D)	2.124
Brake Pilot Diameter (E)	2.1654
Flange Offset (F)	2.126
Hub Pilot Diameter (G)	2.717
Hub Bolt Circle Diameter (H)	-
Bolt Hole MET (I)	-
Bolt Hole qty	-
Number of Splines	-
Flange Shape (K)	-
ABS Sensor	Has ABS with Tone Ring Sensor
Location	Front Wheel

## Vehicle Application:

MAZDA	
1991-1997 MIATA	1999-2005 MIATA



# HMEC Wheel Hub Units Catalogue

**Part Number: 513156**



Attribute	Value
Flange Diameter (A)	5.47
Bolt Circle Diameter	4.25
Bolt Circle Diameter Metric (B)	107.95
Bolt Size (C)	M12X1.5
Bolt Quantity	5
Wheel Pilot Diameter (D)	2.49
Brake Pilot Diameter (E)	2.79
Flange Offset (F)	1.63
Hub Pilot Diameter (G)	3.52
Hub Bolt Circle Diameter (H)	4.49
Bolt Hole MET (I)	M12x1.75
Bolt Hole qty	3
Number of Splines	26
Flange Shape (K)	TRIANGULAR
Location	Front Wheel

## Vehicle Application:

FORD

1999-2003 WINDSTAR



# HMEC Wheel Hub Units Catalogue

**Part Number: 513157**



Attribute	Value
Flange Diameter (A)	5.590
Bolt Circle Diameter	4.500
Bolt Circle Diameter Metric (B)	114.30
Bolt Size (C)	M12X1.5
Bolt Quantity	5
Wheel Pilot Diameter (D)	2.634
Brake Pilot Diameter (E)	2.712
Flange Offset (F)	1.598
Hub Pilot Diameter (G)	3.307
Hub Bolt Circle Diameter (H)	4.173
Bolt Hole MET (I)	M12X1.25
Bolt Hole qty	4
Number of Splines	25
Flange Shape (K)	OFFSET TRAPEZIOD
Location	Front Wheel

## Vehicle Application:

CHRYSLER	
1995-2005 SEBRING	
DODGE	
1995-2000 AVENGER	2001-2005 STRATUS
EAGLE	
1995-1998 TALON	
MITSUBISHI	



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# HMEC Wheel Hub Units Catalogue

1995-2006 ECLIPSE

1999-2007 GALANT



# HMEC Wheel Hub Units Catalogue

**Part Number: 513158**



Attribute	Value
Flange Diameter (A)	6.040
Bolt Circle Diameter	4.500
Bolt Circle Diameter Metric (B)	114.30
Bolt Size (C)	1/2-20
Bolt Quantity	5
Wheel Pilot Diameter (D)	2.812
Brake Pilot Diameter (E)	2.830
Flange Offset (F)	1.905
Hub Pilot Diameter (G)	3.942
Hub Bolt Circle Diameter (H)	4.750
Bolt Hole MET (I)	M12X1.75
Bolt Hole qty	3
Number of Splines	27
Flange Shape (K)	TRIANGULAR
Location	Front Wheel

## Vehicle Application:

JEEP	
1999-2001 CHEROKEE	2000-2006 WRANGLER



# HMEC Wheel Hub Units Catalogue

**Part Number: 513159**



Attribute	Value
Flange Diameter (A)	6.465
Bolt Circle Diameter	5.000
Bolt Circle Diameter Metric (B)	127.00
Bolt Size (C)	1/2-20
Bolt Quantity	5
Wheel Pilot Diameter (D)	2.812
Brake Pilot Diameter (E)	2.830
Flange Offset (F)	2.1330
Hub Pilot Diameter (G)	3.942
Hub Bolt Circle Diameter (H)	4.750
Bolt Hole MET (I)	M12X1.75
Bolt Hole qty	3
Number of Splines	27
Flange Shape (K)	TRIANGULAR
Location	Front Wheel

**Vehicle Application:**

JEEP	
1999-2004 GRAND CHEROKEE	



# HMEC Wheel Hub Units Catalogue

**Part Number: 513160**



Attribute	Value
Flange Diameter (A)	5.708
Bolt Circle Diameter	4.528
Bolt Circle Diameter Metric (B)	115.01
Bolt Size (C)	M12X1.5
Bolt Quantity	5
Wheel Pilot Diameter (D)	2.760
Brake Pilot Diameter (E)	2.780
Flange Offset (F)	1.660
Hub Pilot Diameter (G)	3.595
Hub Bolt Circle Diameter (H)	4.566
Bolt Hole MET (I)	M12X1.75
Bolt Hole qty	3
Number of Splines	33
Flange Shape (K)	TRIANGULAR
Location	Front Wheel

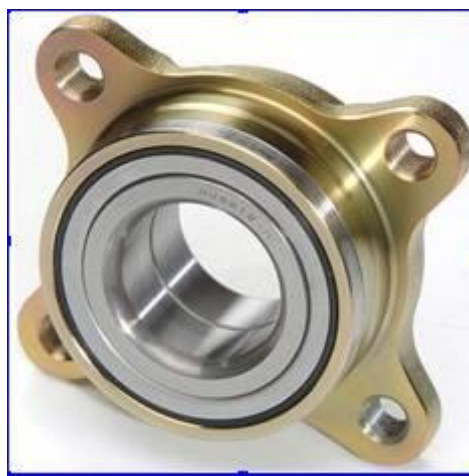
## Vehicle Application:

BUICK	
2003-2005 CENTURY	2003-2004 REGAL
CHEVROLET	
2000-2005 IMPALA	2003-2005 VENTURE
2000-2005 MONTE CARLO	
PONTIAC	
2003 GRAND PRIX	2003-2005 MONTANA



# HMEC Wheel Hub Units Catalogue

**Part Number: 513161**



Attribute	Value
Bolt Circle Diameter (B)	-
Bolt Circle Diameter Metric (B)	-
Bolt Size (C)	-
Bolt Quantity	-
Wheel Pilot Diameter (D)	-
Brake Pilot Diameter (E)	-
Flange Offset (F)	-
Hub Pilot Diameter (G)	2.72
Hub Bolt Circle Diameter (H)	3.66
Bolt Hole MET (I)	M10X1.25
Bolt Hole qty	4
Number of Splines	-
Flange Shape (K)	RECTANGULAR
Location	Front Wheel

## Vehicle Application:

HONDA

2000-2006 INSIGHT



**HMEC POWER TRANSMISSION CO.,LTD.**

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# HMEC Wheel Hub Units Catalogue

**Part Number: 513162**



Attribute	Value
Flange Diameter (A)	4.921
Bolt Circle Diameter (B)	3.937
Bolt Circle Diameter Metric (B)	100.00
Bolt Size (C)	M10X1.25
Bolt Quantity	4
Wheel Pilot Diameter (D)	2.126
Brake Pilot Diameter (E)	2.1654
Hub Bolt Circle Diameter (H)	3.62
Bolt Hole MET (I)	M10X1.25
Bolt Hole qty	4
Number of Splines	-
Flange Shape (K)	MODIFIED RECTANGLE
ABS Sensor	Has ABS with Integral Sensor
Location	Front Wheel

## Vehicle Application:

TOYOTA

2000-2005 MR2 SPYDER



# HMEC Wheel Hub Units Catalogue

**Part Number: 513164**



Attribute	Value
Bolt Quantity	5
Hub Bolt Circle Diameter (H)	-
Bolt Hole MET (I)	-
Bolt Hole qty	-
Number of Splines	-
Flange Shape (K)	-
ABS Sensor	Has ABS with Tone Ring Sensor
Location	Front Wheel

Vehicle Application:	
CADILLAC	
1997-2001 CATERA	



# HMEC Wheel Hub Units Catalogue

**Part Number: 513165**



Attribute	Value
Flange Diameter (A)	6.54
Bolt Circle Diameter (B)	5.50
Bolt Circle Diameter Metric (B)	139.70
Bolt Size (C)	M12X1.5
Bolt Quantity	6
Wheel Pilot Diameter (D)	3.94
Brake Pilot Diameter (E)	3.98
Flange Offset (F)	3.01
Hub Pilot Diameter (G)	3.27
Hub Bolt Circle Diameter (H)	4.41
Bolt Hole MET (I)	M12X1.25
Bolt Hole qty	4
Number of Splines	-
Flange Shape (K)	RECTANGULAR
ABS Sensor	Has ABS with Integral Sensor
Location	Front Wheel

## Vehicle Application:

HONDA	
2002 PASSPORT	
ISUZU	
2002-2004 RODEO	2002-2003 RODEO SPORT



# HMEC Wheel Hub Units Catalogue

**Part Number: 513166**



Attribute	Value
Flange Diameter (A)	6.54
Bolt Circle Diameter	5.50
Bolt Circle Diameter Metric (B)	139.70
Bolt Size (C)	M12X1.5
Bolt Quantity	6
Wheel Pilot Diameter (D)	3.94
Brake Pilot Diameter (E)	3.98
Flange Offset (F)	2.30
Hub Pilot Diameter (G)	3.27
Hub Bolt Circle Diameter (H)	4.41
Bolt Hole MET (I)	M12X1.25
Bolt Hole qty	4
Number of Splines	17
Flange Shape (K)	DRIVEN RECTANGULAR
Location	Front Wheel

## Vehicle Application:

HONDA	
2002 PASSPORT	
ISUZU	
2002-2004 RODEO	2002-2003 RODEO SPORT



# HMEC Wheel Hub Units Catalogue

**Part Number: 513167**



Attribute	Value
Flange Diameter (A)	5.48
Bolt Circle Diameter (B)	4.25
Bolt Circle Diameter Metric (B)	107.95
Bolt Size (C)	M12X1.5
Bolt Quantity	5
Wheel Pilot Diameter (D)	2.49
Brake Pilot Diameter (E)	2.80
Flange Offset (F)	1.75
Hub Pilot Diameter (G)	2.99
Hub Bolt Circle Diameter (H)	3.98
Bolt Hole MET (I)	M12X1.5
Bolt Hole qty	4
Number of Splines	-
Flange Shape (K)	OFFSET TRAPEZIOD
ABS Sensor	Has ABS with Integral Sensor
Location	Front Wheel

**Vehicle Application:**

FORD	
2002-2005 THUNDERBIRD	
LINCOLN	
2000-2006 LS	



# HMEC Wheel Hub Units Catalogue

**Part Number: 513168**



Attribute	Value
Flange Diameter (A)	5.48
Bolt Circle Diameter (B)	4.25
Bolt Circle Diameter Metric (B)	107.95
Bolt Size (C)	M12X1.5
Bolt Quantity	5
Wheel Pilot Diameter (D)	2.49
Brake Pilot Diameter (E)	2.80
Flange Offset (F)	1.75
Hub Pilot Diameter (G)	2.99
Hub Bolt Circle Diameter (H)	3.98
Bolt Hole MET (I)	M12X1.5
Bolt Hole qty	4
Number of Splines	-
Flange Shape (K)	OFFSET TRAPEZIOD
ABS Sensor	Has ABS with Integral Sensor
Location	Front Wheel

## Vehicle Application:




# HMEC Wheel Hub Units Catalogue

**Part Number: 513168**



Attribute	Value
Flange Diameter (A)	5.48
Bolt Circle Diameter (B)	4.25
Bolt Circle Diameter Metric (B)	107.95
Bolt Size (C)	M12X1.5
Bolt Quantity	5
Wheel Pilot Diameter (D)	2.49
Brake Pilot Diameter (E)	2.80
Flange Offset (F)	1.75
Hub Pilot Diameter (G)	2.99
Hub Bolt Circle Diameter (H)	3.98
Bolt Hole MET (I)	M12X1.5
Bolt Hole qty	4
Number of Splines	-
Flange Shape (K)	OFFSET TRAPEZIOD
ABS Sensor	Has ABS with Integral Sensor
Location	Front Wheel

**Vehicle Application:**




# HMEC Wheel Hub Units Catalogue

**Part Number: 513170**



Attribute	Value
Bolt Quantity	4
Hub Bolt Circle Diameter (H)	-
Bolt Hole MET (I)	-
Bolt Hole qty	-
Number of Splines	-
Flange Shape (K)	-
ABS Sensor	Has ABS with Tone Ring Sensor
Location	Front Wheel

## Vehicle Application:

VOLVO	
1989-1992 740	1992-1994 960
1991-1995 940	



# HMEC Wheel Hub Units Catalogue

**Part Number: 513171**



Attribute	Value
Flange Diameter (A)	5.47
Bolt Circle Diameter (B)	4.72
Bolt Circle Diameter Metric (B)	120.00
Bolt Size (C)	M12X1.5
Bolt Quantity	5
Wheel Pilot Diameter (D)	2.85
Brake Pilot Diameter (E)	3.11
Flange Offset (F)	1.77
Hub Pilot Diameter (G)	3.22
Hub Bolt Circle Diameter (H)	-
Bolt Hole MET (I)	-
Bolt Hole qty	-
Number of Splines	-
Flange Shape (K)	-
ABS Sensor	Has ABS with Sensor not on Hub
Location	Front Wheel

## Vehicle Application:

BMW	
1995 740i	1995-2001 740iL
1997-2001 740i	1995-2001 750iL



# HMEC Wheel Hub Units Catalogue

**Part Number: 513172**



Attribute	Value
Flange Diameter (A)	5.47
Bolt Circle Diameter (B)	4.72
Bolt Circle Diameter Metric (B)	120.00
Bolt Size (C)	M12X1.5
Bolt Quantity	5
Wheel Pilot Diameter (D)	2.91
Brake Pilot Diameter (E)	3.11
Flange Offset (F)	2.01
Hub Pilot Diameter (G)	3.54
Hub Bolt Circle Diameter (H)	4.17
Bolt Hole MET (I)	M12X1.5
Bolt Hole qty	4
Number of Splines	-
Flange Shape (K)	MODIFIED CIRCLE
ABS Sensor	Has ABS with Sensor not on Hub
Location	Front Wheel

## Vehicle Application:

BMW	
2001-2003 525I	1997-2003 540I
1997-2000 528I	1999-2000 540IT
1999-2000 528IT	2003 ALPINA ROADSTER
2001-2003 530I	2000-2003 Z8



# HMEC Wheel Hub Units Catalogue

**Part Number: 513173**



Attribute	Value
Flange Diameter (A)	5.71
Bolt Circle Diameter (B)	4.72
Bolt Circle Diameter Metric (B)	120.00
Bolt Quantity	5
Wheel Pilot Diameter (D)	2.85
Brake Pilot Diameter (E)	3.11
Flange Offset (F)	2.17
Hub Pilot Diameter (G)	3.54
Hub Bolt Circle Diameter (H)	4.17
Bolt Hole MET (I)	M12X1.5
Bolt Hole qty	4
Number of Splines	-
Flange Shape (K)	MODIFIED CIRCLE
ABS Sensor	Has ABS with Sensor not on Hub
Location	Front Wheel

## Vehicle Application:

BMW	
2002-2005 745I	2006-2007 750LI
2002-2005 745LI	2004-2006 760I
2006-2007 750I	2003-2007 760LI



# HMEC Wheel Hub Units Catalogue

**Part Number: 513174**



Attribute	Value
Flange Diameter (A)	5.35
Bolt Circle Diameter	4.25
Bolt Circle Diameter Metric (B)	108.00
Bolt Size (C)	-
Bolt Quantity	4
Wheel Pilot Diameter (D)	2.56
Brake Pilot Diameter (E)	2.68
Flange Offset (F)	2.24
Hub Pilot Diameter (G)	3.23
Hub Bolt Circle Diameter (H)	4.06
Bolt Hole MET (I)	M12
Bolt Hole qty	4
Number of Splines	-
Flange Shape (K)	RECTANGULAR
ABS Sensor Location	Has ABS with Sensor not on Hub
	Front Wheel

## Vehicle Application:

VOLVO	
1994-1997 850	1998 S70
1998 C70	1998 V70



# HMEC Wheel Hub Units Catalogue

**Part Number: 513175**



Attribute	Value
Flange Diameter (A)	5.35
Bolt Circle Diameter	4.25
Bolt Circle Diameter Metric (B)	108.00
Bolt Size (C)	-
Bolt Quantity	5
Wheel Pilot Diameter (D)	2.56
Brake Pilot Diameter (E)	2.68
Flange Offset (F)	1.69
Hub Pilot Diameter (G)	3.23
Hub Bolt Circle Diameter (H)	4.06
Bolt Hole MET (I)	M12
Bolt Hole qty	4
Number of Splines	-
Flange Shape (K)	RECTANGULAR
ABS Sensor Location	Has ABS with Sensor not on Hub
Location	Front Wheel

## Vehicle Application:

VOLVO	
1999-2004 C70	1999-2000 V70
1999-2000 S70	



# HMEC Wheel Hub Units Catalogue

**Part Number: 513176**



Attribute	Value
Bolt Quantity	5
Bolt Hole qty	3
Number of Splines	-
Flange Shape (K)	TRIANGULAR
ABS Sensor	Has ABS with Integral Sensor
Location	Front Wheel

**Vehicle Application:**

JEEP

2002-2006 LIBERTY



# HMEC Wheel Hub Units Catalogue

**Part Number: 513177**



Attribute	Value
Flange Diameter (A)	-
Bolt Circle Diameter	-
Bolt Circle Diameter Metric (B)	-
Bolt Size (C)	1/2-20
Bolt Quantity	5
Wheel Pilot Diameter (D)	-
Brake Pilot Diameter (E)	-
Flange Offset (F)	-
Hub Pilot Diameter (G)	-
Hub Bolt Circle Diameter (H)	-
Bolt Hole MET (I)	M12x1.75
Bolt Hole qty	3
Number of Splines	-
Flange Shape (K)	TRIANGULAR
ABS Sensor	Has ABS with Integral Sensor
Location	Front Wheel

**Vehicle Application:**

JEEP	
2002-2006 LIBERTY	



# HMEC Wheel Hub Units Catalogue

**Part Number: 513178**



Bolt Quantity	5
Bolt Hole qty	3
Number of Splines	-
Flange Shape (K)	TRIANGULAR
Location	Front Wheel

**Vehicle Application:**

JEEP

2002-2005 LIBERTY



# HMEC Wheel Hub Units Catalogue

**Part Number: 513179**



Attribute	Value
Flange Diameter (A)	5.73
Bolt Circle Diameter	4.53
Bolt Circle Diameter Metric (B)	115.00
Bolt Size (C)	M12X1.5
Bolt Quantity	5
Wheel Pilot Diameter (D)	2.76
Brake Pilot Diameter (E)	2.78
Flange Offset (F)	2.74
Hub Pilot Diameter (G)	3.60
Hub Bolt Circle Diameter (H)	4.57
Bolt Hole MET (I)	M12X1.75
Bolt Hole qty	3
Number of Splines	33
Flange Shape (K)	TRIANGULAR
ABS Sensor	Has ABS with Integral Sensor
Location	Front Wheel

## Vehicle Application:

BUICK	
2001-2005 CENTURY	2001-2004 REGAL
2001-2005 LESABRE	2002 RENDEZVOUS
2001-2005 PARK AVENUE	
CADILLAC	
2001-2005 DEVILLE	2001-2004 SEVILLE
2001-2002 ELDORADO	



# HMEC Wheel Hub Units Catalogue

CHEVROLET	
2001-2005 IMPALA	2001-2005 VENTURE
2001-2005 MONTE CARLO	
OLDSMOBILE	
2001-2003 AURORA	2001-2004 SILHOUETTE
2001-2002 INTRIGUE	
PONTIAC	
2001-2005 BONNEVILLE	2001-2005 MONTANA
2001-2003 GRAND PRIX	



# HMEC Wheel Hub Units Catalogue

**Part Number: 513186**



Attribute	Value
Flange Diameter (A)	5.73
Bolt Circle Diameter (B)	4.53
Bolt Circle Diameter Metric (B)	115.00
Bolt Size (C)	M12X1.5
Bolt Quantity	5
Wheel Pilot Diameter (D)	2.76
Brake Pilot Diameter (E)	2.78
Flange Offset (F)	1.66
Hub Pilot Diameter (G)	3.60
Hub Bolt Circle Diameter (H)	4.57
Bolt Hole MET (I)	M12X1.75
Bolt Hole qty	3
Number of Splines	-
Flange Shape (K)	TRIANGULAR
ABS Sensor	Has ABS with Integral Sensor
Location	Front Wheel

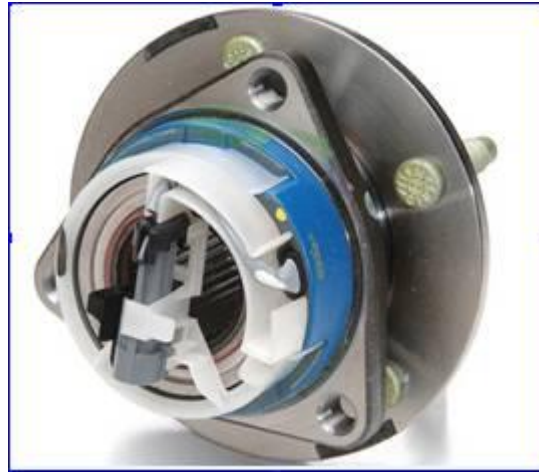
## Vehicle Application:

CADILLAC	
2003-2007 CTS	2007 STS
2005 STS	



# HMEC Wheel Hub Units Catalogue

**Part Number: 513187**



Attribute	Value
Flange Diameter (A)	5.73
Bolt Circle Diameter	4.53
Bolt Circle Diameter Metric (B)	115.00
Bolt Size (C)	M12X1.5
Bolt Quantity	5
Wheel Pilot Diameter (D)	2.76
Brake Pilot Diameter (E)	2.78
Flange Offset (F)	1.66
Hub Pilot Diameter (G)	3.59
Hub Bolt Circle Diameter (H)	4.57
Bolt Hole MET (I)	M12X1.75
Bolt Hole qty	3
Number of Splines	33
Flange Shape (K)	TRIANGULAR
ABS Sensor	Has ABS with Integral Sensor
Location	Front Wheel

## Vehicle Application:

BUICK	
2002-2007 RENDEZVOUS	
CHEVROLET	
2002-2004 VENTURE	
OLDSMOBILE	
2002-2004 SILHOUETTE	
PONTIAC	



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# HMEC Wheel Hub Units Catalogue

2001-2005 AZTEK

2002-2005 MONTANA



# HMEC Wheel Hub Units Catalogue

**Part Number: 513188**



Attribute	Value
Flange Diameter (A)	5.94
Bolt Circle Diameter	5.00
Bolt Circle Diameter Metric (B)	127.00
Bolt Size (C)	M12X1.5
Bolt Quantity	6
Wheel Pilot Diameter (D)	3.06
Brake Pilot Diameter (E)	3.11
Flange Offset (F)	1.85
Hub Pilot Diameter (G)	3.62
Hub Bolt Circle Diameter (H)	4.75
Bolt Hole MET (I)	M12X1.75
Bolt Hole qty	3
Number of Splines	27
Flange Shape (K)	TRIANGULAR
ABS Sensor	Has ABS with Integral Sensor
Location	Front Wheel

## Vehicle Application:

BUICK	
2004-2007 RAINIER	
CHEVROLET	
2003-2006 SSR	2002-2007 TRAILBLAZER
GMC	
2002-2007 ENVOY	
ISUZU	



# HMEC Wheel Hub Units Catalogue

2003-2007 ASCENDER	
OLDSMOBILE	
2002-2004 BRAVADA	
SAAB	
2005-2007 9-7X	



# HMEC Wheel Hub Units Catalogue

**Part Number: 513190**



Attribute	Value
Flange Diameter (A)	5.91
Bolt Circle Diameter	4.53
Bolt Circle Diameter Metric (B)	115.00
Bolt Size (C)	M12X1.5
Bolt Quantity	5
Wheel Pilot Diameter (D)	2.76
Brake Pilot Diameter (E)	2.78
Hub Pilot Diameter (G)	3.59
Hub Bolt Circle Diameter (H)	4.57
Bolt Hole MET (I)	M12X1.75
Bolt Hole qty	3
Number of Splines	-
Flange Shape (K)	TRIANGULAR
Location	Front Wheel

## Vehicle Application:

CHEVROLET	
2005-2006 EQUINOX	
PONTIAC	
2006-2007 TORRENT	
SATURN	
2002-2007 VUE	



# HMEC Wheel Hub Units Catalogue

**Part Number: 513191**



Attribute	Value
Flange Diameter (A)	5.39
Bolt Circle Diameter	4.33
Bolt Circle Diameter Metric (B)	110.00
Bolt Size (C)	M12X1.5
Bolt Quantity	5
Wheel Pilot Diameter (D)	2.56
Brake Pilot Diameter (E)	2.76
Flange Offset (F)	1.53
Hub Pilot Diameter (G)	3.54
Hub Bolt Circle Diameter (H)	4.49
Bolt Hole MET (I)	M12X1.75
Bolt Hole qty	3
Number of Splines	30
Flange Shape (K)	TRIANGULAR
ABS Sensor	Has ABS with Integral Sensor
Location	Front Wheel

## Vehicle Application:

SAAB

2003-2006 9-3



# HMEC Wheel Hub Units Catalogue

**Part Number: 513192**



Attribute	Value
Flange Diameter (A)	5.39
Bolt Circle Diameter	4.33
Bolt Circle Diameter Metric (B)	110.00
Bolt Size (C)	M12X1.5
Bolt Quantity	5
Wheel Pilot Diameter (D)	2.56
Brake Pilot Diameter (E)	2.76
Flange Offset (F)	1.53
Hub Pilot Diameter (G)	3.54
Hub Bolt Circle Diameter (H)	4.49
Bolt Hole MET (I)	M12X1.75
Bolt Hole qty	3
Number of Splines	30
Flange Shape (K)	TRIANGULAR
Location	Front Wheel

## Vehicle Application:

SAAB

2002-2006 9-5



# HMEC Wheel Hub Units Catalogue

**Part Number: 513193**



Attribute	Value
Flange Diameter (A)	6.69
Bolt Circle Diameter	5.50
Bolt Circle Diameter Metric (B)	139.70
Bolt Size (C)	M12X1.25
Bolt Quantity	5
Wheel Pilot Diameter (D)	4.13
Brake Pilot Diameter (E)	4.26
Flange Offset (F)	1.46
Hub Pilot Diameter (G)	3.31
Hub Bolt Circle Diameter (H)	-
Bolt Hole MET (I)	-
Bolt Hole qty	-
Number of Splines	-
Flange Shape (K)	RECTANGULAR
ABS Sensor	Has ABS with Tone Ring Sensor
Location	Front Wheel

## Vehicle Application:

CHEVROLET	
2001-2004 TRACKER	
SUZUKI	
2001-2005 GRAND VITARA	2005-2006 XL-7
2001-2004 VITARA	



# HMEC Wheel Hub Units Catalogue

**Part Number: 513194**



Attribute	Value
Flange Diameter (A)	5.35
Bolt Circle Diameter	4.25
Bolt Circle Diameter Metric (B)	108.00
Bolt Quantity	5
Wheel Pilot Diameter (D)	2.56
Brake Pilot Diameter (E)	2.68
Flange Offset (F)	1.69
Hub Pilot Diameter (G)	3.39
Hub Bolt Circle Diameter (H)	4.41
Bolt Hole qty	4
Number of Splines	-
Flange Shape (K)	-
ABS Sensor	Has ABS with Sensor not on Hub
Location	Front Wheel

## Vehicle Application:

VOLVO	
2001-2007 S60	2001-2007 V70
1999-2006 S80	2003-2007 XC70



# HMEC Wheel Hub Units Catalogue

**Part Number: 513195**



Attribute	Value
Flange Diameter (A)	5.346
Bolt Circle Diameter (B)	-
Bolt Circle Diameter Metric (B)	-
Bolt Size (C)	-
Bolt Quantity	5
Wheel Pilot Diameter (D)	2.551
Brake Pilot Diameter (E)	2.692
Flange Offset (F)	1.5
Hub Pilot Diameter (G)	2.93
Hub Bolt Circle Diameter (H)	-
Bolt Hole MET (I)	-
Bolt Hole qty	-
Number of Splines	-
Flange Shape (K)	-
ABS Sensor Location	Has ABS with Tone Ring Sensor Front Wheel

## Vehicle Application:

VOLVO	
1995-1997 960	1997-1998 V90
1997-1998 S90	



# HMEC Wheel Hub Units Catalogue

**Part Number: 513196**



Attribute	Value
Flange Diameter (A)	5.95
Bolt Circle Diameter (B)	3.862
Bolt Circle Diameter Metric (B)	112.9
Bolt Size (C)	-
Bolt Quantity	5
Wheel Pilot Diameter (D)	2.753
Brake Pilot Diameter (E)	2.975
Flange Offset (F)	1.408
Hub Pilot Diameter (G)	3.427
Hub Bolt Circle Diameter (H)	3.862
Bolt Hole MET (I)	-
Bolt Hole qty	4
Number of Splines	-
Flange Shape (K)	RECTANGULAR
ABS Sensor	Has ABS with Integral Sensor
Location	Front Wheel

## Vehicle Application:

FORD	
2003-2005 CROWN VICTORIA	
LINCOLN	
2003-2005 TOWN CAR	
MERCURY	
2003-2005 GRAND MARQUIS	2003-2004 MARAUDER



# HMEC Wheel Hub Units Catalogue

**Part Number: 515000**



Attribute	Value
Flange Diameter (A)	5.708
Bolt Circle Diameter	4.5
Bolt Circle Diameter Metric (B)	114.30
Bolt Size (C)	1/2-20
Bolt Quantity	5
Wheel Pilot Diameter (D)	2.511
Brake Pilot Diameter (E)	2.535
Flange Offset (F)	2.007
Hub Pilot Diameter (G)	3.94
Hub Bolt Circle Diameter (H)	4.748
Bolt Hole MET (I)	M12X1.75
Bolt Hole qty	3
Number of Splines	26
Flange Shape (K)	MODIFIED TRIANGLE
Location	Front Wheel

**Vehicle Application:**

FORD

1990-1997 AEROSTAR



# HMEC Wheel Hub Units Catalogue

**Part Number: 515001**



Attribute	Value
Flange Diameter (A)	7.165
Bolt Circle Diameter	5.500
Bolt Circle Diameter Metric (B)	139.70
Bolt Size (C)	M14X1.5
Bolt Quantity	6
Wheel Pilot Diameter (D)	3.075
Brake Pilot Diameter (E)	3.075
Flange Offset (F)	2.230
Hub Pilot Diameter (G)	3.910
Hub Bolt Circle Diameter (H)	5.00
Bolt Hole qty	3
Number of Splines	33
Flange Shape (K)	MODIFIED TRIANGLE
Location	Front Wheel

## Vehicle Application:

CHEVROLET	
1992-1994 BLAZER	1988-1994 K2500 PICKUP
1988-1994 K1500 PICKUP	1992-1994 K2500 SUBURBAN
1992-1994 K1500 SUBURBAN	
GMC	
1988-1994 K1500 PICKUP	1992-1994 K2500 SUBURBAN
1992-1994 K1500 SUBURBAN	1992-1994 YUKON



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# HMEC Wheel Hub Units Catalogue

1988-1994 K2500 PICKUP	
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# HMEC Wheel Hub Units Catalogue

**Part Number: 515002**



Attribute	Value
Flange Diameter (A)	7.165
Bolt Circle Diameter	5.500
Bolt Circle Diameter Metric (B)	139.70
Bolt Size (C)	M14X1.5
Bolt Quantity	6
Wheel Pilot Diameter (D)	3.075
Brake Pilot Diameter (E)	3.075
Flange Offset (F)	1.99
Hub Pilot Diameter (G)	3.910
Hub Bolt Circle Diameter (H)	5.00
Number of Splines	33
Flange Shape (K)	MODIFIED TRIANGLE
Location	Front Wheel

## Vehicle Application:

CHEVROLET	
1988-1991 K1500 PICKUP	
GMC	
1988-1991 K1500 PICKUP	



# HMEC Wheel Hub Units Catalogue

**Part Number: 515003**



Attribute	Value
Flange Diameter (A)	5.925
Bolt Circle Diameter	4.50
Bolt Circle Diameter Metric (B)	114.30
Bolt Size (C)	1/2-20
Bolt Quantity	5
Wheel Pilot Diameter (D)	2.774
Brake Pilot Diameter (E)	2.830
Flange Offset (F)	2.215
Hub Pilot Diameter (G)	3.940
Hub Bolt Circle Diameter (H)	4.75
Bolt Hole MET (I)	M12X1.75
Bolt Hole qty	3
Number of Splines	27
Flange Shape (K)	MODIFIED TRIANGLE
ABS Sensor	Has ABS with Integral Sensor
Location	Front Wheel

## Vehicle Application:

FORD	
1995-2002 EXPLORER	2001-2002 EXPLORER SPORT TRAC
MERCURY	
1997-2001 MOUNTAINEER	



# HMEC Wheel Hub Units Catalogue

**Part Number: 515004**



Attribute	Value
Flange Diameter (A)	7.134
Bolt Circle Diameter	5.316
Bolt Circle Diameter Metric (B)	135.03
Bolt Size (C)	-
Bolt Quantity	5
Wheel Pilot Diameter (D)	3.415
Brake Pilot Diameter (E)	3.635
Flange Offset (F)	1.957
Hub Pilot Diameter (G)	3.910
Hub Bolt Circle Diameter (H)	4.956
Bolt Hole MET (I)	M14X1.5
Bolt Hole qty	3
Number of Splines	33
Flange Shape (K)	MODIFIED TRIANGLE
ABS Sensor	Has ABS with Integral Sensor
Location	Front Wheel

## Vehicle Application:

FORD	
1997-2000 EXPEDITION	
LINCOLN	
1998-2000 NAVIGATOR	



# HMEC Wheel Hub Units Catalogue

**Part Number: 515005**



Attribute	Value
Flange Diameter (A)	6.780
Bolt Circle Diameter	5.000
Bolt Circle Diameter Metric (B)	127.00
Bolt Size (C)	1/2-20
Bolt Quantity	5
Wheel Pilot Diameter (D)	3.055
Brake Pilot Diameter (E)	3.085
Flange Offset (F)	2.925
Hub Pilot Diameter (G)	3.8475
Hub Bolt Circle Diameter (H)	4.960
Bolt Hole qty	3
Number of Splines	33
Flange Shape (K)	MODIFIED TRIANGLE
ABS Sensor	Has ABS with Integral Sensor
Location	Front Wheel

## Vehicle Application:

CHEVROLET	
1990-1994 ASTRO	
GMC	
1990-1994 SAFARI	



# HMEC Wheel Hub Units Catalogue

**Part Number: 515006**



Attribute	Value
Flange Diameter (A)	6.78
Bolt Circle Diameter	5.5
Bolt Circle Diameter Metric (B)	139.70
Bolt Size (C)	1/2-20
Bolt Quantity	5
Wheel Pilot Diameter (D)	3.055
Brake Pilot Diameter (E)	3.085
Flange Offset (F)	2
Hub Pilot Diameter (G)	3.85
Hub Bolt Circle Diameter (H)	4.96
Bolt Hole MET (I)	M14X1.5
Bolt Hole qty	3
Number of Splines	33
Flange Shape (K)	MODIFIED TRIANGLE
Location	Front Wheel

**Vehicle Application:**

DODGE	
1994-1999 RAM 1500 PICKUP	



# HMEC Wheel Hub Units Catalogue

**Part Number: 515007**



Attribute	Value
Flange Diameter (A)	6.310
Bolt Circle Diameter	4.500
Bolt Circle Diameter Metric (B)	114.30
Bolt Size (C)	M14X1.5
Bolt Quantity	6
Wheel Pilot Diameter (D)	2.810
Brake Pilot Diameter (E)	2.890
Flange Offset (F)	2.106
Hub Pilot Diameter (G)	3.500
Bolt Hole MET (I)	M14X1.5
Bolt Hole qty	3
Number of Splines	31
Flange Shape (K)	TRIANGULAR
Location	Front Wheel

## Vehicle Application:

DODGE	
1997-2004 DAKOTA	1998-2003 DURANGO



# HMEC Wheel Hub Units Catalogue

**Part Number: 515008**



Attribute	Value
Flange Diameter (A)	6.310
Bolt Circle Diameter	4.500
Bolt Circle Diameter Metric (B)	114.30
Bolt Size (C)	M14X1.5
Bolt Quantity	6
Wheel Pilot Diameter (D)	2.810
Brake Pilot Diameter (E)	2.890
Flange Offset (F)	2.106
Hub Pilot Diameter (G)	3.500
Bolt Hole MET (I)	M14X1.5
Bolt Hole qty	3
Number of Splines	31
Flange Shape (K)	TRIANGULAR
ABS Sensor	Has ABS with Integral Sensor
Location	Front Wheel

**Vehicle Application:**

DODGE	
1997-2004 DAKOTA	1998-2003 DURANGO



# HMEC Wheel Hub Units Catalogue

**Part Number: 515009**



Attribute	Value
Flange Diameter (A)	6.310
Bolt Circle Diameter	4.500
Bolt Circle Diameter Metric (B)	114.30
Bolt Size (C)	M14X1.5
Bolt Quantity	6
Wheel Pilot Diameter (D)	2.810
Brake Pilot Diameter (E)	2.890
Flange Offset (F)	2.106
Hub Pilot Diameter (G)	3.500
Bolt Hole MET (I)	M14X1.5
Bolt Hole qty	3
Number of Splines	31
Flange Shape (K)	TRIANGULAR
ABS Sensor	Has ABS with Integral Sensor
Location	Front Wheel

## Vehicle Application:

DODGE	
1997-2004 DAKOTA	1998-2003 DURANGO



# HMEC Wheel Hub Units Catalogue

**Part Number: 515010**



Attribute	Value
Flange Diameter (A)	7.226
Bolt Circle Diameter	5.316
Bolt Circle Diameter Metric (B)	135.03
Bolt Size (C)	-
Bolt Quantity	5
Wheel Pilot Diameter (D)	3.415
Brake Pilot Diameter (E)	3.542
Flange Offset (F)	1.940
Hub Pilot Diameter (G)	3.910
Hub Bolt Circle Diameter (H)	4.956
Bolt Hole MET (I)	M14X1.5
Bolt Hole qty	3
Number of Splines	33
Flange Shape (K)	TRIANGULAR
ABS Sensor	Has ABS with Integral Sensor
Location	Front Wheel

## Vehicle Application:

FORD	
1997-2000 F-150 PICKUP	



# HMEC Wheel Hub Units Catalogue

**Part Number: 515011**



Flange Diameter (A)	8.190
Bolt Circle Diameter	6.500
Bolt Circle Diameter Metric (B)	165.10
Bolt Size (C)	-
Bolt Quantity	8
Wheel Pilot Diameter (D)	4.766
Brake Pilot Diameter (E)	4.766
Flange Offset (F)	2.20
Hub Pilot Diameter (G)	3.905
Bolt Hole MET (I)	M14X1.5
Bolt Hole qty	3
Number of Splines	33
Flange Shape (K)	TRIANGULAR
Location	Front Wheel

Vehicle Application:	
DODGE	
1994-1999 RAM 2500 PICKUP	



# HMEC Wheel Hub Units Catalogue

**Part Number: 515012**



Attribute	Value
Flange Diameter (A)	8.420
Bolt Circle Diameter	6.50
Bolt Circle Diameter Metric (B)	165.10
Bolt Size (C)	0.60
Bolt Quantity	8
Wheel Pilot Diameter (D)	4.770
Brake Pilot Diameter (E)	4.770
Flange Offset (F)	2.965
Hub Pilot Diameter (G)	4.484
Bolt Hole MET (I)	M14X1.5
Bolt Hole qty	4
Number of Splines	33
Flange Shape (K)	MODIFIED CIRCLE
Location	Front Wheel

**Vehicle Application:**

DODGE	
1994-1999 RAM 2500 PICKUP	



# HMEC Wheel Hub Units Catalogue

**Part Number: 515013**



Attribute	Value
Flange Diameter (A)	5.89
Bolt Circle Diameter	4.50
Bolt Circle Diameter Metric (B)	114.30
Bolt Quantity	5
Wheel Pilot Diameter (D)	2.78
Brake Pilot Diameter (E)	2.78
Flange Offset (F)	2.23
Hub Pilot Diameter (G)	3.94
Hub Bolt Circle Diameter (H)	4.75
Bolt Hole MET (I)	M12X1.75
Bolt Hole qty	3
Number of Splines	-
Flange Shape (K)	TRIANGULAR
ABS Sensor	Has ABS with Integral Sensor
Location	Front Wheel

## Vehicle Application:

FORD	
2000-2002 RANGER	
MAZDA	
2000-2002 B3000	2000-2002 B4000



# HMEC Wheel Hub Units Catalogue

**Part Number: 515017**



Attribute	Value
Flange Diameter (A)	7.226
Bolt Circle Diameter	5.316
Bolt Circle Diameter Metric (B)	135.03
Bolt Size (C)	-
Bolt Quantity	5
Wheel Pilot Diameter (D)	3.415
Brake Pilot Diameter (E)	3.542
Flange Offset (F)	1.940
Hub Pilot Diameter (G)	3.910
Bolt Hole MET (I)	M14X1.5
Bolt Hole qty	3
Number of Splines	33
Flange Shape (K)	TRIANGULAR
Location	Front Wheel

Vehicle Application:	
FORD	
1997-2000 F-150 PICKUP	



# HMEC Wheel Hub Units Catalogue

**Part Number: 515018**



Attribute	Value
Flange Diameter (A)	8.190
Bolt Circle Diameter	6.500
Bolt Circle Diameter Metric (B)	165.10
Bolt Size (C)	-
Bolt Quantity	8
Wheel Pilot Diameter (D)	4.590
Brake Pilot Diameter (E)	4.590
Flange Offset (F)	2.690
Hub Pilot Diameter (G)	4.165
Bolt Hole MET (I)	M14X1.5
Bolt Hole qty	4
Number of Splines	33
Flange Shape (K)	MODIFIED CIRCLE
Location	Front Wheel

## Vehicle Application:

CHEVROLET	
1988-1994 K2500 PICKUP	1992-1994 K2500 SUBURBAN
GMC	
1988-1994 K2500 PICKUP	1992-1994 K2500 SUBURBAN



# HMEC Wheel Hub Units Catalogue

**Part Number: 515019**



Attribute	Value
Flange Diameter (A)	6.625
Bolt Circle Diameter	5.00
Bolt Circle Diameter Metric (B)	127.00
Bolt Size (C)	M14X1.5
Bolt Quantity	5
Wheel Pilot Diameter (D)	3.060
Brake Pilot Diameter (E)	3.080
Flange Offset (F)	2.940
Hub Pilot Diameter (G)	3.910
Bolt Hole qty	3
Number of Splines	33
Flange Shape (K)	TRIANGULAR
ABS Sensor	Has ABS with Integral Sensor
Location	Front Wheel

**Vehicle Application:**

CHEVROLET	
1995-2002 ASTRO	
GMC	
1995-1999 SAFARI	



# HMEC Wheel Hub Units Catalogue

**Part Number: 515020**



Attribute	Value
Flange Diameter (A)	7.99
Bolt Circle Diameter	6.69
Bolt Circle Diameter Metric (B)	170.00
Bolt Size (C)	M14X1.5
Bolt Quantity	8
Wheel Pilot Diameter (D)	4.92
Brake Pilot Diameter (E)	4.92
Flange Offset (F)	2.16
Hub Pilot Diameter (G)	3.33
Bolt Hole qty	4
Number of Splines	-
Flange Shape (K)	MODIFIED CIRCLE
ABS Sensor	Has ABS with Integral Sensor
Location	Front Wheel

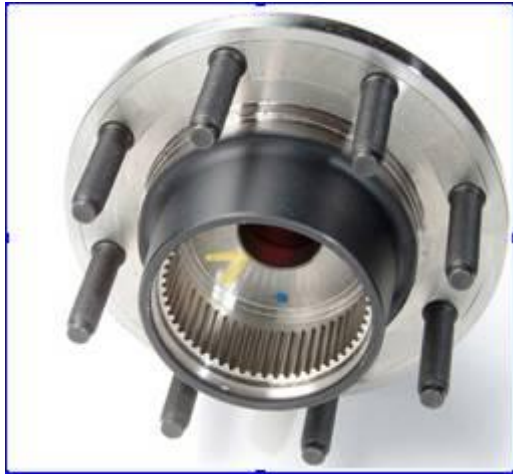
## Vehicle Application:

FORD	
2000-2005 EXCURSION	1999-2004 F-450 SUPER DUTY PICKUP
1999-2004 F-250 SUPER DUTY PICKUP	1999-2004 F-550 SUPER DUTY PICKUP
1999-2004 F-350 SUPER DUTY PICKUP	



# HMEC Wheel Hub Units Catalogue

**Part Number: 515021**



Attribute	Value
Flange Diameter (A)	7.99
Bolt Circle Diameter	6.69
Bolt Circle Diameter Metric (B)	170.00
Bolt Size (C)	M14X1.5
Bolt Quantity	8
Wheel Pilot Diameter (D)	4.92
Brake Pilot Diameter (E)	4.92
Flange Offset (F)	2.16
Hub Pilot Diameter (G)	3.33
Bolt Hole qty	4
Number of Splines	-
Flange Shape (K)	MODIFIED CIRCLE
ABS Sensor	Has ABS with Tone Ring Sensor
Location	Front Wheel

## Vehicle Application:

FORD	
1999-2004 F-250 SUPER DUTY PICKUP	1999-2004 F-450 SUPER DUTY PICKUP
1999-2004 F-350 SUPER DUTY PICKUP	1999-2004 F-550 SUPER DUTY PICKUP



# HMEC Wheel Hub Units Catalogue

**Part Number: 515022**



Attribute	Value
Flange Diameter (A)	7.15
Bolt Circle Diameter	5.91
Bolt Circle Diameter Metric (B)	150.00
Bolt Size (C)	M12X1.75
Bolt Quantity	7
Wheel Pilot Diameter (D)	3.42
Brake Pilot Diameter (E)	3.64
Flange Offset (F)	1.93
Hub Pilot Diameter (G)	3.91
Hub Bolt Circle Diameter (H)	4.96
Bolt Hole qty	3
Number of Splines	33
Flange Shape (K)	TRIANGULAR
Location	Front Wheel

## Vehicle Application:

FORD	
2000-2004 F-150 PICKUP	1997-1999 F-250 PICKUP



# HMEC Wheel Hub Units Catalogue

**Part Number: 515023**



Attribute	Value
Flange Diameter (A)	6.780
Bolt Circle Diameter	5.500
Bolt Circle Diameter Metric (B)	139.70
Bolt Size (C)	1/2-20
Bolt Quantity	5
Wheel Pilot Diameter (D)	3.060
Brake Pilot Diameter (E)	3.090
Flange Offset (F)	2.007
Hub Pilot Diameter (G)	3.910
Hub Bolt Circle Diameter (H)	4.960
Bolt Hole MET (I)	M14X1.5
Bolt Hole qty	3
Number of Splines	33
Flange Shape (K)	TRIANGULAR
ABS Sensor	Has ABS with Integral Sensor
Location	Front Wheel

**Vehicle Application:**

DODGE

1997-1999 RAM 1500 PICKUP



# HMEC Wheel Hub Units Catalogue

**Part Number: 515024**



Attribute	Value
Flange Diameter (A)	7.165
Bolt Circle Diameter	5.500
Bolt Circle Diameter Metric (B)	139.70
Bolt Size (C)	M14X1.5
Bolt Quantity	6
Wheel Pilot Diameter (D)	3.055
Brake Pilot Diameter (E)	3.075
Flange Offset (F)	2.234
Hub Pilot Diameter (G)	3.910
Hub Bolt Circle Diameter (H)	5.000
Bolt Hole qty	3
Number of Splines	33
Flange Shape (K)	TRIANGULAR
ABS Sensor	Has ABS with Integral Sensor
Location	Front Wheel

## Vehicle Application:

CADILLAC	
1999-2000 ESCALADE	
CHEVROLET	
1995-1999 K1500 PICKUP	1995 K2500 SUBURBAN
1995-1999 K1500 SUBURBAN	1995-2000 TAHOE
1995 K2500 PICKUP	
GMC	



# HMEC Wheel Hub Units Catalogue

1995-1999 K1500 PICKUP	1995 K2500 SUBURBAN
1995-1999 K1500 SUBURBAN	1995-1999 YUKON
1995 K2500 PICKUP	



# HMEC Wheel Hub Units Catalogue

**Part Number: 515029**



Attribute	Value
Flange Diameter (A)	7.14
Bolt Circle Diameter	5.31
Bolt Circle Diameter Metric (B)	135.00
Bolt Size (C)	M14X2.0
Bolt Quantity	5
Wheel Pilot Diameter (D)	3.42
Brake Pilot Diameter (E)	3.64
Flange Offset (F)	1.95
Hub Pilot Diameter (G)	3.91
Hub Bolt Circle Diameter (H)	4.96
Bolt Hole MET (I)	M14X1.5
Bolt Hole qty	3
Number of Splines	33
Flange Shape (K)	TRIANGULAR
ABS Sensor	Has ABS with Integral Sensor
Location	Front Wheel

**Vehicle Application:**

FORD	
2000-2004 F-150 PICKUP	



# HMEC Wheel Hub Units Catalogue

**Part Number: 515031**



Attribute	Value
Flange Diameter (A)	7.15
Bolt Circle Diameter	5.31
Bolt Circle Diameter Metric (B)	135.00
Bolt Size (C)	M14X2.0
Bolt Quantity	5
Wheel Pilot Diameter (D)	3.42
Brake Pilot Diameter (E)	3.64
Flange Offset (F)	1.93
Hub Pilot Diameter (G)	3.91
Hub Bolt Circle Diameter (H)	4.96
Bolt Hole qty	3
Number of Splines	33
Flange Shape (K)	TRIANGULAR
ABS Sensor	Has ABS with Integral Sensor
Location	Front Wheel

## Vehicle Application:

FORD

2000-2002 EXPEDITION

LINCOLN

2000-2002 NAVIGATOR



# HMEC Wheel Hub Units Catalogue

**Part Number: 515033**



Attribute	Value
Flange Diameter (A)	6.310
Bolt Circle Diameter (B)	4.50
Bolt Circle Diameter Metric (B)	114.30
Bolt Size (C)	1/2-20
Bolt Quantity	6
Wheel Pilot Diameter (D)	2.810
Brake Pilot Diameter (E)	2.885
Flange Offset (F)	2.271
Hub Pilot Diameter (G)	4.732
Hub Bolt Circle Diameter (H)	-
Bolt Hole MET (I)	-
Bolt Hole qty	-
Number of Splines	-
Flange Shape (K)	-
ABS Sensor	Has ABS with Tone Ring Sensor
Location	Front Wheel

## Vehicle Application:

DODGE	
1997-2004 DAKOTA	1999-2003 DURANGO



# HMEC Wheel Hub Units Catalogue

**Part Number: 515036**



Attribute	Value
Flange Diameter (A)	7.087
Bolt Circle Diameter	4.961
Bolt Circle Diameter Metric (B)	126
Bolt Size (C)	M14X1.5
Bolt Quantity	6
Wheel Pilot Diameter (D)	3.064
Brake Pilot Diameter (E)	3.085
Flange Offset (F)	1.961
Hub Pilot Diameter (G)	3.91
Hub Bolt Circle Diameter (H)	-
Bolt Hole MET (I)	-
Bolt Hole qty	-
Number of Splines	33
Flange Shape (K)	-
Location	Front Wheel

## Vehicle Application:

CADILLAC	
2002-2006 ESCALADE	
CHEVROLET	
2002-2006 AVALANCHE 1500	1999-2007 SILVERADO 1500
2003-2006 EXPRESS 1500	2001-2003 SILVERADO 1500 HD
2003-2005 EXPRESS 2500	2005 SILVERADO 1500 HD
2003-2005 EXPRESS 3500	2000-2006 SUBURBAN 1500



# HMEC Wheel Hub Units Catalogue

2003-2007 SILVERADO	2000-2006 TAHOE
GMC	
2003-2006 SAVANA 1500	2005 SIERRA 1500 HD
2003-2005 SAVANA 2500	2002-2006 SIERRA DENALI
2003-2005 SAVANA 3500	2000-2006 YUKON
1999-2007 SIERRA 1500	2000-2006 YUKON XL 1500
2001-2003 SIERRA 1500 HD	



# HMEC Wheel Hub Units Catalogue

**Part Number: 515037**



Attribute	Value
Hub Bolt Circle Diameter (H)	-
Bolt Hole MET (I)	-
Bolt Hole qty	-
Number of Splines	-
Flange Shape (K)	-
Location	Front Wheel

Vehicle Application:	
CHEVROLET	
1988-1994 K3500 PICKUP	
GMC	
1988-1994 K3500 PICKUP	



# HMEC Wheel Hub Units Catalogue

**Part Number: 515038**



Attribute	Value
Hub Bolt Circle Diameter (H)	-
Bolt Hole MET (I)	-
Bolt Hole qty	-
Number of Splines	-
Flange Shape (K)	-
Location	Front Wheel

**Vehicle Application:**

DODGE	
2000-2001 RAM 1500 PICKUP	



# HMEC Wheel Hub Units Catalogue

**Part Number: 515039**



Attribute	Value
Flange Diameter (A)	7.205
Bolt Circle Diameter	5.5
Bolt Circle Diameter Metric (B)	139.7
Bolt Size (C)	M14X1.5
Bolt Quantity	5
Wheel Pilot Diameter (D)	3.057
Brake Pilot Diameter (E)	3.084
Flange Offset (F)	2.23
Hub Pilot Diameter (G)	3.91
Hub Bolt Circle Diameter (H)	-
Bolt Hole MET (I)	-
Bolt Hole qty	-
Number of Splines	33
Flange Shape (K)	-
ABS Sensor	Has ABS with Integral Sensor
Location	Front Wheel

## Vehicle Application:

DODGE

2000-2001 RAM 1500 PICKUP



# HMEC Wheel Hub Units Catalogue

<b>Part Number: 515041</b>	
<b>Vehicle Application:</b>	
CHEVROLET	
1996-1999 K1500 PICKUP	1996-1999 K2500 SUBURBAN
1996-1999 K1500 SUBURBAN	1996-2000 K3500 PICKUP
1996-2000 K2500 PICKUP	
GMC	
1996-1999 K1500 PICKUP	1996-1999 K2500 SUBURBAN
1996-1999 K1500 SUBURBAN	1996-2000 K3500 PICKUP
1996-2000 K2500 PICKUP	



# HMEC Wheel Hub Units Catalogue

**Part Number: 515049**



Attribute	Value
Flange Diameter (A)	6.780
Bolt Circle Diameter	5.500
Bolt Circle Diameter Metric (B)	139.70
Bolt Size (C)	1/2-20-VL,2A
Bolt Quantity	5
Wheel Pilot Diameter (D)	3.060
Brake Pilot Diameter (E)	3.090
Flange Offset (F)	2.007
Hub Pilot Diameter (G)	3.910
Hub Bolt Circle Diameter (H)	4.960
Bolt Hole MET (I)	M14X1.5
Bolt Hole qty	3
Number of Splines	-
Flange Shape (K)	TRIANGULAR
ABS Sensor	Has ABS with Integral Sensor
Location	Front Wheel

**Vehicle Application:**

DODGE  
1997-1999 RAM 1500 PICKUP



# HMEC Wheel Hub Units Catalogue

<b>Part Number: 515050</b>	
<b>Vehicle Application:</b>	
FORD	
2002-2005 EXPLORER	
LINCOLN	
2003-2005 AVIATOR	
MERCURY	
2002-2005 MOUNTAINEER	



# HMEC Wheel Hub Units Catalogue

<b>Part Number: 515054</b>	
<b>Vehicle Application:</b>	
CHEVROLET	
2003-2007 SILVERADO	2005 SILVERADO 1500 HD
1999-2007 SILVERADO 1500	2003 SUBURBAN 1500
2001-2003 SILVERADO 1500 HD	
GMC	
1999-2007 SIERRA 1500	2005 SIERRA 1500 HD
2001-2003 SIERRA 1500 HD	



# HMEC Wheel Hub Units Catalogue

**Part Number: 518501**



Attribute	Value
Flange Diameter (A)	4.950
Bolt Circle Diameter	3.937
Bolt Circle Diameter Metric (B)	100.00
Bolt Size (C)	M12X1.5
Bolt Quantity	4
Wheel Pilot Diameter (D)	2.238
Brake Pilot Diameter (E)	2.396
Hub Pilot Diameter (G)	2.992
Hub Bolt Circle Diameter (H)	4.449
Bolt Hole qty	3
Number of Splines	26
Flange Shape (K)	MODIFIED CIRCLE
Location	Front Wheel

## Vehicle Application:

CHRYSLER	
1983-1984 E CLASS	1984-1988 NEW YORKER
1985 EXECUTIVE LIMOUSINE	1989-1991 TC MASERATI
1984 EXECUTIVE SEDAN	1984-1988 TOWN & COUNTRY
1984-1986 LASER	1990 TOWN & COUNTRY
1984-1990 LEBARON	
DODGE	
1984-1988 600	1985-1989 LANCER



# HMEC Wheel Hub Units Catalogue

1984-1989 ARIES	1984-1988 MINI RAM
1984-1990 CARAVAN	1984-1989 OMNI
1984-1990 DAYTONA	1984-1987 ROYAL MINI RAM
1988 DYNASTY	1987-1990 SHADOW
1988-1990 GRAND CARAVAN	1989-1990 SPIRIT
PLYMOUTH	
1989-1990 ACCLAIM	1984-1989 RELIANT
1985-1988 CARAVELLE	1987-1990 SUNDANCE
1988-1990 GRAND VOYAGER	1984-1990 VOYAGER



# HMEC Wheel Hub Units Catalogue

**Part Number: 518502**



Attribute	Value
Flange Diameter (A)	4.957
Bolt Circle Diameter	3.937
Bolt Circle Diameter Metric (B)	100.00
Bolt Size (C)	M12X1.5
Bolt Quantity	5
Wheel Pilot Diameter (D)	2.236
Brake Pilot Diameter (E)	2.395
Hub Pilot Diameter (G)	2.9921
Hub Bolt Circle Diameter (H)	4.450
Bolt Hole qty	3
Number of Splines	26
Flange Shape (K)	MODIFIED CIRCLE
Location	Front Wheel

## Vehicle Application:

CHRYSLER	
1983-1984 E CLASS	1984-1988 NEW YORKER
1985 EXECUTIVE LIMOUSINE	1989-1991 TC MASERATI
1984 EXECUTIVE SEDAN	1984-1988 TOWN & COUNTRY
1984-1986 LASER	1990 TOWN & COUNTRY
1984-1990 LEBARON	
DODGE	



# HMEC Wheel Hub Units Catalogue

1984-1988 600	1985-1989 LANCER
1984-1989 ARIES	1984-1988 MINI RAM
1984-1990 CARAVAN	1984-1989 OMNI
1984-1990 DAYTONA	1984-1987 ROYAL MINI RAM
1988 DYNASTY	1987-1990 SHADOW
1988-1990 GRAND CARAVAN	1989-1990 SPIRIT
PLYMOUTH	
1989-1990 ACCLAIM	1984-1989 RELIANT
1985-1988 CARAVELLE	1987-1990 SUNDANCE
1988-1990 GRAND VOYAGER	1984-1990 VOYAGER



# HMEC Wheel Hub Units Catalogue

**Part Number: 518503**



Attribute	Value
Flange Diameter (A)	5.135
Bolt Circle Diameter	4.250
Bolt Circle Diameter Metric (B)	107.95
Bolt Size (C)	M12X1.5
Bolt Quantity	4
Wheel Pilot Diameter (D)	2.494
Brake Pilot Diameter (E)	2.494
Flange Offset (F)	.983
Hub Pilot Diameter (G)	1.5370
Hub Bolt Circle Diameter (H)	-
Bolt Hole MET (I)	-
Bolt Hole qty	-
Number of Splines	26
Flange Shape (K)	-
Location	Front Wheel

## Vehicle Application:

CHRYSLER	
1983-1984 E CLASS	1984-1988 NEW YORKER
1985 EXECUTIVE LIMOUSINE	1989-1991 TC MASERATI
1984 EXECUTIVE SEDAN	1984-1988 TOWN & COUNTRY
1984-1986 LASER	1990 TOWN & COUNTRY
1984-1990 LEBARON	
DODGE	



# HMEC Wheel Hub Units Catalogue

1984-1988 600	1985-1989 LANCER
1984-1989 ARIES	1984-1988 MINI RAM
1984-1990 CARAVAN	1984-1989 OMNI
1984-1990 DAYTONA	1984-1987 ROYAL MINI RAM
1988 DYNASTY	1987-1990 SHADOW
1988-1990 GRAND CARAVAN	1989-1990 SPIRIT
PLYMOUTH	
1989-1990 ACCLAIM	1984-1989 RELIANT
1985-1988 CARAVELLE	1987-1990 SUNDANCE
1988-1990 GRAND VOYAGER	1984-1990 VOYAGER



# HMEC Wheel Hub Units Catalogue

**Part Number: 518506**



Attribute	Value
Flange Diameter (A)	4.882
Bolt Circle Diameter	3.937
Bolt Circle Diameter Metric (B)	100.00
Bolt Size (C)	.4844
Bolt Quantity	5
Wheel Pilot Diameter (D)	2.126
Brake Pilot Diameter (E)	2.126
Flange Offset (F)	1.102
Hub Pilot Diameter (G)	1.4977
Hub Bolt Circle Diameter (H)	-
Bolt Hole MET (I)	-
Bolt Hole qty	-
Number of Splines	26
Flange Shape (K)	-
Location	Front Wheel

## Vehicle Application:

TOYOTA	
1983-1991 CAMRY	
518507	
CHEVROLET	
1998-2002 PRIZM	
GEO	
1993-1997 PRIZM	



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# HMEC Wheel Hub Units Catalogue

TOYOTA	
1993-2002 COROLLA	



# HMEC Wheel Hub Units Catalogue

**Part Number: 518507**



Attribute	Value
Flange Diameter (A)	4.882
Bolt Circle Diameter	3.937
Bolt Circle Diameter Metric (B)	100.00
Bolt Size (C)	.4844
Bolt Quantity	4
Wheel Pilot Diameter (D)	2.126
Brake Pilot Diameter (E)	2.126
Flange Offset (F)	1.101
Hub Pilot Diameter (G)	1.4977
Hub Bolt Circle Diameter (H)	-
Bolt Hole MET (I)	-
Bolt Hole qty	-
Number of Splines	26
Flange Shape (K)	-
Location	Front Wheel

## Vehicle Application:

CHEVROLET	
1998-2002 PRIZM	
GEO	
1993-1997 PRIZM	
TOYOTA	
1993-2002 COROLLA	



# HMEC Wheel Hub Units Catalogue

**Part Number: 520000**



Attribute	Value
Flange Diameter (A)	5.49
Bolt Circle Diameter	4.25
Bolt Circle Diameter Metric (B)	107.95
Bolt Size (C)	M12X1.5
Bolt Quantity	5
Wheel Pilot Diameter (D)	2.5
Brake Pilot Diameter (E)	2.54
Flange Offset (F)	2.40
Hub Bolt Circle Diameter (H)	-
Bolt Hole MET (I)	-
Bolt Hole qty	-
Number of Splines	26
Flange Shape (K)	-
Location	Front Wheel

**Vehicle Application:**

FORD	
1986-1991 TAURUS	
LINCOLN	
1988-1991 CONTINENTAL	
MERCURY	
1986-1991 SABLE	



# HMEC Wheel Hub Units Catalogue

**Part Number: 520100**



Attribute	Value
Flange Diameter (A)	5.49
Bolt Circle Diameter	4.25
Bolt Circle Diameter Metric (B)	107.95
Bolt Size (C)	M12X1.5
Bolt Quantity	5
Wheel Pilot Diameter (D)	2.5
Brake Pilot Diameter (E)	2.54
Flange Offset (F)	2.40
Hub Bolt Circle Diameter (H)	-
Bolt Hole MET (I)	-
Bolt Hole qty	-
Number of Splines	26
Flange Shape (K)	-
Location	Front Wheel

## Vehicle Application:

FORD	
1991-1995 TAURUS	
LINCOLN	
1991-1994 CONTINENTAL	
MERCURY	
1991-1995 SABLE	

