

OPTIMA PRO >>



ESCOBILLAS LIMPIAPARABRISAS
WIPER BLADES
BALAIS ESSUIE-GLACE
WISCHBLÄTTER



ESCOBILLAS LIMPIAPARABRISAS PARA VEHÍCULOS INDUSTRIALES
WIPER BLADES FOR COMMERCIAL VEHICLES
ESSUIE-GLACES POUR POIDS LOURDS
WISCHBLÄTTER FÜR NUTZFAHRZEUGE

EXPOSITOR - DISPLAY - PRESENTOIR - VERPACKUNG



APTO PARA COLGAR EN LA PARED
OPTION TO HUNG ON THE WALL
APTE POUR METRE SUR LE MUR
UM AN DIE WAND ZU HÄNGEN

EXPOSITOR VACÍO
EMPTY DISPLAY
PRESENTOIR VIDE
LEERES VERKAUFSDISPLAY

ref. 101.5034.73.00



NUESTRAS ESCOBILLAS MANTIENEN UNA ÓPTIMA CALIDAD DE VISIÓN DURANTE MÁS TIEMPO.

CAUCHO 100% NATURAL

Caucho de formulación exclusiva de mayor duración y suavidad de deslizamiento.

PERFIL DE GOMA HEAVY-DUTY

Diseñado especialmente para un óptimo rendimiento en las condiciones más duras de trabajo.

AMPLIA COBERTURA DE PARQUE

Incluye adaptadores para cubrir el 98% del parque de vehículos industriales y ligeros.

OUR WIPER BLADES PROVIDE OPTIMAL DRIVER VISION QUALITY FOR LONGER PERIODS OF TIME.

100% NATURAL RUBBER

Exclusively formulated rubber, long-lasting and smoother wiping.

HEAVY-DUTY RUBBER PROFILE

Designed specially for ideal performance in hard working.

VEHICLE PARC COVERAGE

Includes adapters to cover the 98% of industrial and light vehicles.

NOS BALAIS CONSERVENT UNE QUALITÉ DE VISION OPTIMALE PLUS LONGTEMPS.

GOMME 100% NATURELLE

Gomme de formulation exclusive d'une durée de vie supérieure permettant un très bon slide.

PROFIL DE GOMME HEAVY-DUTY

Design special pour un rendement optimum dans des conditions de travail très sévères.

LARGE COUVERTURE DU PARC

Inclus adaptateurs pour couvrir 98% du parc de véhicules industriels et légers.

DIE WISCHERBLÄTTER GEWÄHRLEISTEN EINE OPTIMALE SICHTQUALITÄT ÜBER EINEN LÄNGEREN ZEITRAUM.

100 NATURKAUTSCHUK

Naturkautschuk mit neuartiger Zusammensetzung für längere Haltbarkeit und sanfteres gleiten.

HEAVY-DUTY GUMMIPROFIL

Speziell entwickelt für optimale Leistung bei extremen Arbeitsbedingungen.

FAHRZEUGTYPEN-ABDECKUNG

Enthält Adaptatoren für die Verwendung an 98% der NKW.

OPTIMA PRO»

EMBALAJE - PACKAGING - EMBALLAGE - KARTONVERPACKUNG



EMBALAJE PRÁCTICO Y SEGURO

- Embalaje reciclable de cartón.
- Cajas fácilmente apilables
- Descripción clara del contenido.
- Referencia de fácil identificación incluso en lineal.
- Aplicaciones en parte frontal.
- Claras instrucciones de montaje.
- Simbolario en parte posterior.
- Código de barras.

SAVE AND PRACTICAL PACKAGING

- Recyclable cardboard packaging.
- Pilables boxes.
- Clear content description.
- Easy reference identification in the rack.
- Detailed application on the front.
- Easy mounting instructions.
- Symbols on the back.
- Bar code.

EMBALLAGE PRATIQUE ET SURE

- Matériaux d'emballage recyclables.
- Boîtes empilables.
- Description du contenu simple.
- Identification facile de la référence comprise en rayon.
- Applications sur face avant.
- Instructions de montage claires.
- Légende sur face arrière.
- Codes barres.

PRAKTISCHE UND SICHERE VERPACKUNG

- Wiederverwertbare Kartontage.
- Leicht zu stapelnde Kartons.
- Klare Beschreibung des Inhalts.
- Auch im Händlerregal sichtbare Identifikation.
- Anwendungsliste auf der Frontseite.
- Eindeutige Montageanleitungen.
- Zeichenindex auf der Rückseite.
- Barcode.

DOGA

**RECUERDE
REMEMBER
RAPPELLEZ
DENK EN SIE
DARAN**



**CAMBIE SUS ESCOBILLAS
CHANGE YOUR WIPER BLADES
CHANGEZ VOS BALAIS
WECHSELN SIE DIE
WISCHERBLÄTTER**

1 /year



**SI DEJAN RAYAS
WHEN SCORING
S'ILS LAISSENT DES TRACES
WENN SIE SCHLIEREN**

**SI NO SECAN
WHEN UNWIPED AREAS APPEAR
S'ILS N'ESSUIENT PLUS
WENN SIE NICHT WISCHEN**

**SI HACEN RUIDO
WHEN NOISY
SI BRUYANTS
WENN SIE GERÄUSCHE MACHEN**

**SI SALTAN
WHEN SMEARING
S'ILS DERAPENT
WENN SIE RUBBELN**

Simbolario
Symbols
Symboles
Zeichenerklärungen



VEHÍCULO
VEHICLE
VÉHICULE
NUTZFAHRZEUGE



FECHAS FABRICACIÓN VEHÍCULO
VEHICLE MANUFACTURE DATE
DATE DE FABRICATION DU VEHICULE
MODELLJAHR



ADAPTADOR
ADAPTER
ADAPTATEUR
ADAPTER



LADO CONDUCTOR
DRIVER'S SIDE
CÔTE CONDUCTEUR
FAHRERSEITE



LADO ACOMPAÑANTE
PASSENGER'S SIDE
CÔTE PASSAGER
BEIFAHRESEITE



LIMPIA-CRISTAL POSTERIOR
REAR WINDOW WIPER BLADE
BALAI D'ESSUIE-GLACE ARRIERE
HECKWISCHBLATT

6

Gama OPTIMA PRO
OPTIMA PRO range
Gamme OPTIMA PRO
Reihe OPTIMA PRO

APLICACIONES - APPLICATIONS - ANWENDUNGEN

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Vehículo » Escobillas limpiaparabrisas
Vehicle » Wiper blades
Véhicule » Balais d'essuie-glace
Nutzfahrzeuge » Wischblätter

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Escobillas limpiaparabrisas » Vehículo
Wiper blades » Vehicle
Balais d'essuie-glace » Véhicule
Wischblätter » Nutzfahrzeuge

25

Adaptadores
Adapters
Adaptateurs
Adapter

26

Kit gama industrial
Kit for commercial vehicles
Kit pour gamme poids lourds
Kit für Nutzfahrzeuge

27

Cross Reference

		unid. units unités units														kit
		per box	F	O 5	S1 T V1	S2	P P2	K	H2b	4 A4 H2a	A3	A2	A1	K 6 H2c	M1	
P 40	400mm (16")	1	F	O				K						K		
P 45	450mm (18")	1		O										K		
P 50.1	500mm (20")	1		O				K						K		
P 53	530mm (21")	1		O												
P 56	560mm (22")	1			T V1											
P 56.1	560mm (22")	1		O												136
P 60	600mm (24")	1			T V1				H2b	H2a				H2c	M1	
P 60.1	600mm (24")	1		5												
P 60.2	600mm (24")	1		O												136
P 65	650mm (26")	1								4				6		
P 65.1	650mm (26")	1		O												
P 65.2	650mm (26")	1			T V1											136
P 65.3	650mm (26")	1				S2										
P 70	700mm (28")	1								4				6		
P 70.2	700mm (28")	1			S1 T V1											136
P 80	800mm (32")	1								A4		A2	A1			
P 90	900mm (36")	1					P					A2	A1			
P 90.1	900mm (36")	1					P2									
P 100	1000mm (40")	1					P				A3	A2	A1			
P 101	1000mm (40")	1					P2									

Todas las escobillas de la gama OPTIMA PRO se suministran en acabado negro.
 All blades of the OPTIMA PRO range are supplied in black finish.
 Tous les balais de la gamme OPTIMA PRO sont fournis avec finition en noir.
 Alle Wischblätter der OPTIMA PRO Reihe werden schwarzlackiert geliefert.

AEBI					
TP 27			P 50.1	O	P 50.1
TP 45			P 50.1	O	P 50.1
TP 65			P 50.1	O	P 50.1
AMZ					
City Smile			P 101	P2	P 101
AUWÄRTER					
Economy 0614	89		P 60	V1	P 60
AVIA					
1000			P 50.1	O	P 50.1
1250			P 50.1	O	P 50.1
1600			P 45	O	P 45
2000			P 50.1	O	P 50.1
3600			P 45	O	P 45
5600			P 45	O	P 45
AYATS					
Bravo 1 (Lower blade)			P 101	P2	P 101
Bravo 1 (Upper blade)			P 80	A1	
BEDFORD					
3-12t	79		P 40	O	P 40
Astra-Van	84		P 45	O	P 45
K	79		P 40	O	P 40
Midi Van	7.85		P 45	O	P 45
Serie TK	78		P 50.1	O	P 50.1
Serie TM (D-Kab)	74		P 60	H2b	P 60
TK	76		P 40	O	P 40
BERNA					
Cab forward	1.77		P 60	H2a	P 60
Long nose cabin	1.72		P 40	O	P 40
BEULAS					
Aura			P 101	P2	P 101
Cygnus			P 101	P2	P 101
Glory (Lower blade)			P 101	P2	P 101
Glory (Upper blade)			P 80	A1	
Jewell (Lower blade)			P 101	P2	P 101
Jewell (Upper blade)			P 80	A1	
Spica			P 100	A1	P 100
BMC					
Hawk			P 90	A1	P 90
Interurban Alyos			P 80	A1	P 80
Megastar	04		P 65.1	O	P 60.2
Probus			P 90	A1	P 90
Procity Hybrid			P 80	A1	P 80
Professional	08		P 65.1	O	P 65.1
BUS					
Universal			P 100		P 100
BYD					
K9C			P 80	A1	P 80

CAETANO					
2500 EL			P 90.1	P2	P 90.1
Manecocity			P 101	P2	P 101
CASTROSUA					
City			P 90.1	P2	P 90.1
Magnus E			P 100	A1	P 100
Stellae			P 101	P2	P 101
Tempus			P 90.1	P2	P 101
CATERPILLAR					
Cabine 307	1.72		P 80	*	P 80
CITRÖEN					
480 DI			P 40	K	P 40
700 DI			P 40	K	P 40
800 DI			P 40	K	P 40
Berlingo Van	9.96	4.08	P 56.1	O	P 56.1
C 15	84		P 45	O	P 45
C 22	9.81		P 50.1	O	P 50.1
C 25	9.81		P 50.1	O	P 50.1
C 35	9.81		P 50.1	O	P 50.1
Jumper	5.95	4.96	P 56.1	O	P 56.1
Jumpy	6.94	1.07	P 65.1	O	P 50.1
Jumpy	1.07		P 70.2	S1	P 50.1
CROBUS					
Zora			P 101	P2	P 101
DAF					
75	9.95	98	P 60	V1	P 60
85	9.95		P 60	V1	P 60
700 DE	10.75	12.78	P 50.1	O	P 50.1
700 DE	1.79		P 60	H2a	P 60
900	85		P 60	H2a	P 60
900 DD	10.75	12.78	P 50.1	O	P 50.1
900 DE	1.79		P 60	H2a	P 60
1100 DD	1.79		P 60	H2a	P 60
1100 DD	10.75	12.78	P 50.1	O	P 50.1
1300 Turbo	86		P 60	H2a	P 60
1500 Turbo	85		P 60	H2a	P 60
1700	9.88		P 50.1	O	P 50.1
1900	9.88		P 50.1	O	P 50.1
2005	74		P 40	O	P 40
2100	80		P 50.1	O	P 50.1
2105	9.88		P 50.1	O	P 50.1
2200	74		P 40	O	P 40
2205	74		P 40	O	P 40
2300	80		P 50.1	O	P 50.1
2300 Turbo	91		P 50.1	O	P 50.1
2305	9.88		P 50.1	O	P 50.1
2500 Turbo	80		P 50.1	O	P 50.1
2505	9.88		P 50.1	O	P 50.1
2525	9.88		P 50.1	O	P 50.1
2700 Ati	91		P 50.1	O	P 50.1
2800	86		P 50.1	O	P 50.1
2805	9.88		P 50.1	O	P 50.1
2900	91		P 50.1	O	P 50.1
3300	91		P 50.1	O	P 50.1
3600 Turbo	86		P 50.1	O	P 50.1
95310	4.97	5.91	P 56	T	P 56
95400	4.87	5.91	P 56	T	P 56
CF	2.98		P 60	V1	P 60
DE	10.75	12.78	P 50.1	O	P 50.1
FA 1500 DT	85		P 60	H2a	P 60

LF	1.01		P 60.2	O	P 60.2	O	
Serie 400	86	97	P 50.1	O	P 50.1	O	
XF	1.97		P 56	V1	P 56	V1	
DAIHATSU							
F 20 Taff	78		P 40	F	P 40	F	
DODGE							
415	71		P 40	F	P 40	F	
CE 16	72		P 40	F	P 40	F	
Comando	74		P 60	H2b	P 60	H2b	
Express	82		P 60.2	O	P 60.2	O	
G 75	76	77	P 60	H2b	P 60	H2b	
G 76	76	77	P 60	H2b	P 60	H2b	
Maxiload VC 4	72		P 40	F	P 40	F	
Cab forward			P 45	O	P 45	O	
Serie 100	74		P 60	H2b	P 60	H2b	
Serie 100	79		P 60.2	O	P 60.2	O	
Serie 100 s	82		P 60	H2a	P 60	H2a	
Space Van	79		P 40	F	P 40	F	
VCc 8	72		P 40	F	P 40	F	
WCAS 541	71		P 40	F	P 40	F	
WCFS 562	71		P 40	F	P 40	F	
DRÖGMÖLLER							
300			P 100	*	P 100	*	
310			P 100	*	P 100	*	
320			P 100	*	P 100	*	
330			P 100	*	P 100	*	
430			P 100	*	P 100	*	
440 Sup.			P 70	4	P 70	4	
Aufbau Scania K 110			P 100	*	P 100	*	
E 290			P 100	*	P 100	*	
E 420			P 70	4	P 70	4	
Supercomet			P 100	*	P 100	*	
EBRO							
Coaches 65/7 D	85		P 70	4	P 70	4	
Coaches 100/8 D	85		P 70	4	P 70	4	
D 154	71		P 45	K	P 45	K	
E 35 F, E 60 F			P 45	O	P 45	O	
E 154	78		P 45	O	P 45	O	
F 260, F275, F350	80		P 50.1	O	P 50.1	O	
JX 20 Trade 2.0	86		P 50.1	O	P 50.1	O	
JX 20 Trade 2.8	86		P 50.1	O	P 50.1	O	
L 35, L 45	80		P 45	O	P 45	O	
L 60, L 80	80		P 45	O	P 45	O	
M 100, M 125, M 140	80		P 50.1	O	P 50.1	O	
P 137, P 170	80		P 50.1	O	P 50.1	O	
P 200, P 260	80		P 50.1	O	P 50.1	O	
P 320	80		P 50.1	O	P 50.1	O	
Series C,D,E	78		P 40	F	P 40	F	
ERF							
Couchette			P 60.2	O	P 60.2	O	
EC Olimpic			P 60.2	O	P 60.2	O	
FAST							
Scoler 4			P 80	A1	P 80	A1	
Starter L			P 90	A1	P 90	A1	
Starter LE			P 100	A1	P 100	A1	
FEND							
F275 GT	1.76		P 50.1	O	P 50.1	O	

FIAT						
Dobló Cargo	3.01	2.10	P 56.1	O	P 45	O
Ducato	3.94	7.06	P 50.1	O	P 50.1	O
Fiorino	1.88	5.01	P 45	O	P 45	O
Scudo	2.96	1.07	P 65.1	O	P 50.1	O
Scudo	1.07		P 70.2	S1	P 50.1	O
Strada	6.99		P 60.2	O	P 45	O
FORD						
0711			P 60	H2b	P 60	H2b
0813			P 60	H2b	P 60	H2b
0915			P 60	H2b	P 60	H2b
1013, 1015			P 60	H2b	P 60	H2b
1113, 1115			P 60	H2b	P 60	H2b
1313, 1315			P 60	H2b	P 60	H2b
1318, 1318 R			P 60	H2b	P 60	H2b
4028	9.88		P 60	H2b	P 60	H2b
Cargo 07009			P 60	H2b	P 60	H2b
Cargo 1824,1924,1928	9.88		P 60	H2b	P 60	H2b
Cargo 2624	9.88		P 60	H2b	P 60	H2b
FT 9, FT 190	8.75	1.78	P 50.1	O	P 50.1	O
Ranger	6.99		P 45	O	P 45	O
Serie A	1.78		P 50.1	O	P 50.1	O
Serie H Transcount	76		P 60	H2b	P 60	H2b
Transit	9.85	7.00	P 56.1	O	P 56.1	O
Transit	7.00		P 70.2	V1	P 60	V1
Transit Connect	6.02		P 56.1	O	P 50.1	O
Transit FT9,80,100,130,190	1.77	10.86	P 50.1	O	P 50.1	O
Transit Tourneo	11.94	12.00	P 56.1	O	P 56.1	O
FOTON						
BJ6123			P 100	A1	P 100	A1
FREIGHTLINER						
Business Class			P 56.1	O	P 56.1	O
Cascadia			P 60.2	O	P 60.2	O
FREIGHT-ROVER						
Serie 300	86		P 50.1	O	P 50.1	O
GME						
Midi	89		P 45	O	P 45	O
Rascal	89		P 40	O	P 40	O
HANOMAG-HENSCHEL						
F 141-F500	10.72		P 50.1	O	P 50.1	O
F 161-F203	10.72		P 50.1	O	P 50.1	O
F 20, F 25, F 30, F 35		2.74	P 40	O	P 40	O
F 40, F 85	71	74	P 45	O	P 45	O
F 161	10.72		P 50.1	O	P 50.1	O
K-F 221 K	10.72		P 50.1	O	P 50.1	O
Transported TN	8.76		P 50.1	O	P 50.1	O
HESS						
City Bus			P 90	A1	P 90	A1
HEULIEZ						
Cristalis	6.00		P 90	A1	P 90	A1
GX 117-586	7.99		P 80	A1	P 80	A1
GX 217			P 80	A2	P 80	A2

• montar con KIT 136 - mount with KIT 136 - monter avec le KIT 136 - mit KIT 136 montieren

* montar adaptador A1, A2, A3 o A4 según brazo - fit A1, A2, A3 or A4 depending on arm - monter adaptateur A1, A2, A3 ou A4 selon bras - Je nach Wischerarm A1, A2, A3 oder A4 montieren

GX 37H			P 70	4	P 70 4
GX 44			P 100	A1	P 100 A1
GX 317	7.99		P 80	A2	P 80 A2
GX 417			P 80	A2	P 80 A2
HYUNDAI					
H 100	95		P 45	O	P 45 O
H-1	10.97	2.08	P 65.1	O	P 50.1 O P 40 O
IKARUS					
61			P 100	*	P 100 *
271	73		P 70	4	P 70 4
386			P 100	*	P 100 *
396			P 100	*	P 100 *
397.07, Midibus 405	94		P 80	*	P 80 *
415			P 100	*	P 100 *
435			P 100	*	P 100 *
521	73		P 70	4	P 70 4
543.30	73		P 70	4	P 70 4
557	73		P 70	4	P 70 4
Chasis Scania K 112			P 100	*	P 100 *
IK190	73		P 70	4	P 70 4
INDCAR					
Mago 2			P 101	P2	P 101 P2
IPV (MAFSA)					
4 T 115			P 45	O	P 45 O
85 TT			P 40	F	P 40 F
110 TT			P 40	F	P 40 F
177 T			P 45	O	P 45 O
180 R			P 45	O	P 45 O
UT 115			P 45	O	P 45 O
IRISBUS					
Acces Bus 127	1.02		P 80	A2	P 80 A2
Citelis			P 100	A1	P 100 A1
Crealis Neo			P 100	A1	P 100 A1
Crossway			P 100	A1	P 100 A1
Domino HD, HDH	10.03		P 100	A1	P 100 A1
Evadys	10.03		P 100	A1	P 100 A1
Evadys H			P 100	A1	P 100 A1
Magelys Pro			P 100	A1	P 100 A1
IRIZAR					
Century	02		P 100	A1	P 100 A1
i3	11		P 101	P2	P 101 P2
i4	11		P 101	P2	P 101 P2
i6	11		P 101	P2	P 101 P2
Intercentury	00		P 100	A1	P 100 A1
PB	02		P 101	P2	P 101 P2
ISUZU					
D-MAX (Rodeo)	5.02		P 56.1	O	P 45 O
F-Series (FRR, FSR)	08		P 56.1	O	P 56.1 O
F-Series (FVR)	08		P 50.1	O	P 50.1 O
NKR, NPR, NGR	98	10.06	P 45	O	P 45 O
N-Series	10.06		P 45	O	P 45 O
IVECO (Fiat, Magirus, OM)					
109/14,109/14.1	83		P 45	O	P 45 O
115/14,115/14.1	83		P 45	O	P 45 O
115/17,115/17.1	83		P 45	O	P 45 O

120 D,135 D,160 D,170 D		12.74	P 50.1	O	P 50.1 O
13,16-65/10,75/16	83		P 60	H2a	P 60 H2a
130, Serie160 (O.M.)	83		P 45	O	P 45 O
135/14-14.2-14BOM	83		P 45	O	P 45 O
135/17-17.2-R.R	83		P 45	O	P 45 O
135/17,145/17T (long nose)	9.88		P 60	H2a	P 60 H2a
135/17.R 1 RIDEM	83		P 45	O	P 45 O
145/17	86		P 45	O	P 45 O
156 D,180 D,186 D,210 D		12.70	P 50.1	O	P 50.1 O
159 F 177,20,160 F	4.78		P 45	O	P 45 O
160.R 81 Turbo			P 100	*	P 100 *
165/24,165/R.R. 1	83		P 45	O	P 45 O
170 F NT,330 F 35	77		P 60	H2a	P 60 H2a
170 NT,170 OM 35	75		P 45	O	P 45 O
170 OM 35	5.79		P 60	H2a	P 60 H2a
170,L,R,T,L,TR	1.75	9.79	P 70	4	P 70 4
175/04, 24 T (long nose)	9.88		P 60	H2a	P 60 H2a
175/04,175/17	86		P 45	O	P 45 O
180,190,260,4 A,C,N,L,T	77		P 45	O	P 45 O
180.24-240.38			P 65	4	P 65 4
190 F, PAC	77		P 60	H2a	P 60 H2a
190 OM 35 T	5.79		P 60	H2a	P 60 H2a
190,220,240.30	1.83		P 65	4	P 65 4
190.35,190 F 35 T			P 65	4	P 65 4
190/20 N,24,25 AN	83		P 65	4	P 65 4
190/24,26 T,30,32 T	9.88		P 65	4	P 65 4
220.35 T,240.35			P 65	4	P 65 4
220/36 T(cab forw),38,38T	9.88		P 60	H2a	P 60 H2a
232/AHT	83		P 60	H2a	P 60 H2a
240.38,260,330.35	1.83		P 65	4	P 65 4
240/36 Turbo star	9.88		P 60	H2a	P 60 H2a
26 N,26 Turbo,30,32 AH	83		P 60	H2a	P 60 H2a
260/25, AH, AN,26H,32AH	83		P 60	H2a	P 60 H2a
260/30,330/30T,(cab forw.)	9.88		P 60	H2a	P 60 H2a
260SH, 70	81		P 70	4	P 70 4
280 avant	1.81		P 50.1	O	P 50.1 O
300 P			P 65	4	P 65 4
305GT,308L,480AL,AC	8.77		P 60	H2a	P 60 H2a
310 D,470	78		P 60	H2a	P 60 H2a
315.8.17 Turbo,370	82		P 100	*	P 100 *
320 M	1.79		P 60	H2a	P 60 H2a
33 T,38,42,42 T	83		P 60	H2a	P 60 H2a
330/30 T (cab forward)	9.88		P 60	H2a	P 60 H2a
330/36 AHT	83		P 60	H2a	P 60 H2a
36 42 (cab forward)	9.88		P 60	H2a	P 60 H2a
370	81	82	P 80	*	P 80 *
370.12.76	1.76		P 70	4	P 70 4
40 NC, 40 NC 35	77		P 40	F	P 40 F
470,570,670,12.25	81		P 80	*	P 80 *
480 AC/AL,M120R	78		P 60	H2a	P 60 H2a
50 F 8,100 F13	4.78		P 45	O	P 45 O
50,55,65,70,75	8.77		P 45	O	P 45 O
60,79F10.13,65,75,90PC	5.76		P 45	O	P 45 O
60/8,65/60.10	83		P 45	O	P 45 O
619,684,697	8.77		P 60	H2a	P 60 H2a
65 NC 10	80		P 45	O	P 45 O
65/10,79/10,79/12	83		P 45	O	P 45 O
79.75/14,90/13,95/14	83		P 45	O	P 45 O
79/14,79/60,79/60.14	83		P 45	O	P 45 O
79/14,80/13,M 100	83		P 60	H2a	P 60 H2a
79/75,79/75.10	83		P 45	O	P 45 O
80,90,100,170 C/N/L	8.77		P 45	O	P 45 O
80.14 HW,8016 HW,110.14	83	94	P 40	O	P 40 O
90M,130M,160M,320M		12.78	P 50.1	O	P 50.1 O
90M,M6 FK,160M 13 FS	1.79		P 60	H2a	P 60 H2a
Daily I	1.78	4.99	P 60.2	O	P 60.2 O
Daily II	5.99	4.06	P 60.2	O	P 60.2 O
Daily III	5.06		P 60.2	O	P 60.2 O
Diano,Cerbiatto,Orsotto			P 40	F	P 40 F
Domino,471,571,671	82		P 100	*	P 100 *
Ducato	1.82	5.94	P 50.1	O	P 50.1 O
Duty	91		P 60.1	5	P 60.1 5
Eikher Schiepper	8.75		P 40	F	P 40 F

									
EuroCargo	1.91			P 65.2	T	P 65.2	T		
Eurostar	1.93	2.02		P 65.2	T	P 65.2	T		
Eurotech	1.92	2.02		P 65.2	T	P 65.2	T		
EuroTrakker	1.93	11.04		P 65.2	T	P 65.2	T		
Lupetto, Titano N 150				P 40	K	P 40	K		
M 110 D, M 120 D		8.75		P 40	K	P 40	K		
M 130 D, M 160 D	1.75			P 60.1	5	P 60.1	5		
M 130 D, M 160 D, M 170 D	9.77			P 60	H2a	P 60	H2a		
M 170 D, M 310 D	1.75			P 60.1	5	P 60.1	5		
M 170 SH, M 200 SH 110 U	73	78		P 70	4	P 70	4		
M 200 L,R,T,M 230L,R,T	1.75	6.78		P 70	4	P 70	4		
M 2000 12 M Turbo	81			P 100	*	P 100	*		
M 2000 HD	82			P 100	*	P 100	*		
M 232 D	1.71	12.74		P 60.1	5	P 60.1	5		
M 232 D, M 256 D	9.77			P 60	H2a	P 60	H2a		
M 260 L	10.77			P 70	4	P 70	4		
M 270 D	1.75	6.78		P 60.1	5	P 60.1	5		
M 270 D	9.77	6.78		P 60	H2a	P 60	H2a		
M 80 D, M 100 D		8.75		P 40	K	P 40	K		
N 120 R 81 Turbo	81			P 80	*	P 80	*		
NKW 80/13,80/16	82			P 65	4	P 65	4		
NS 150				P 40	K	P 40	K		
PowerStar				P 65.2	T	P 65.2	T		
Stralis	2.02			P 65.2	T	P 65.2	T		
Taleno	89			P 50.1	O	P 50.1	O		
Trakker	10.04			P 65.2	T	P 65.2	T		
Turbo	81	7.84		P 65	4	P 65	4		
TurboStar, TurboTech	7.84	12.93		P 65	4	P 65	4		

KÄSSBOHRER

D 215 HM, S 215 RL			P 100	*	P 100	*
Flexmobil	85		P 50.1	O	P 50.1	O
Imperial			P 80	*	P 80	*
PB 36.170 DR-39, 170 DR	11.81		P 65	4	P 65	4
PB 42.240 D	88		P 80	*	P 80	*
Pistenbully	10.80		P 65	4	P 65	4
S 130 S,140 ES	1.77		P 60	H2a	P 60	H2a
S 200 H, S 210 H, S210 HD			P 100	*	P 100	*
S 208A	80		P 80	*	P 80	*
S 210 Real, S 211			P 100	*	P 100	*
S 213HE	87		P 80	*	P 80	*
S 213HR, S 215 HD			P 100	*	P 100	*
S 215 HD, S 215 UL			P 100	*	P 100	*
S 216 HDS, SG 215 SL			P 100	*	P 100	*
S 228 DT Internat			P 80	*	P 80	*
S 228 DT, S 300 N	92		P 90	*	P 90	*
S 80,110,120,130,150		8.77	P 50.1	O	P 50.1	O
S 9-S 14,S80-S 150	10.87		P 50.1	O	P 50.1	O
SG 219 SL, S 300 NC			P 100	*	P 100	*
Ü 80 (ÖNV)	80		P 80	*	P 80	*

KÄSSBOHRER-SETRA

Pistenbully	10.80		P 40	K	P 40	K
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KIA

Besta	95		P 45	O	P 45	O
K-2500	02		P 53	O	P 45	O
Pregio	10.96		P 53	O	P 45	O

KING LONG

XMQ6120AGD5			P 100	A1	P 100	A1
XMQ6120C			P 100	A1	P 100	A1
XMQ6129BYD5			P 90	A1	P 90	A1
XMQ6129Y			P 100	A1	P 100	A1
XMQ6130Y			P 100	A1	P 100	A1
XMQ6900			P 100	A1	P 100	A1
XMQ6996Y			P 100	A1	P 100	A1

							
KUTSENITS							
Hydra			P 100	A1	P 100	A1	
LDV							
Maxus	2.05		P 56.1	O	P 56.1	O	
LEYLAND							
19/28 Roadtrain	84		P 60	H2b	P 60	H2b	
26-26 Scammel	84		P 60	H2b	P 60	H2b	
7/10 CWT Van	72		P 40	F	P 40	F	
Atlanteam Bus	77		P 60	H2b	P 60	H2b	
Bison 2, Optopus 2	78		P 60	H2b	P 60	H2b	
Cruiser, Freighter	80		P 60	H2b	P 60	H2b	
Ladtrain, Olimpia	80		P 60	H2b	P 60	H2b	
Marathon, Marathon 2	74		P 60	H2b	P 60	H2b	
National, Triton	77		P 60	H2b	P 60	H2b	
Roadtrain, Construct.	80		P 60	H2b	P 60	H2b	
Rolls Royce T 350	84		P 60	H2b	P 60	H2b	
Royal Tiger B 54	3.83		P 100	*	P 100	*	
T 45, T 45 T	84		P 60	H2b	P 60	H2b	
MACK							
MS 200, 300 Midliner	79		P 50.1	O	P 50.1	O	
MAN-BÜSSING							
1 M/V 160,230 R 14	1.72	12.75					
12.152 FL-17.232 FL (M90)	10.88	96	P 60	T	P 60	T	
12.170 F. 14.192 F	85		P 50.1	O	P 50.1	O	
12.192 F	8.74		P 50.1	O	P 50.1	O	
12.192 F, 38.320 F,DT,FT		7.74					
17.240,19.240,19.281	9.88		P 50.1	O	P 50.1	O	
19.242-48.462 (F90)	86	94	P 60	T	P 60	T	
19.321,26.240,26.281	9.88		P 50.1	O	P 50.1	O	
19.361 F,FLT, 41.321/VFAK	85		P 50.1	O	P 50.1	O	
32.281,32.321	9.88		P 50.1	O	P 50.1	O	
32.291,DFAK,32.331 DFA	86		P 50.1	O	P 50.1	O	
4.70F,6.90F,5.70F,7.90F	79		P 40	O	P 40	O	
5.126F,6.126F,7.126F	9.67	10.79					
6.100,8.100,8.150	9.88		P 45	O	P 45	O	
6.90,8.90,8.136 FZ	80	93	P 50.1	O	P 50.1	O	
7.136 F,9.136 F	79	86	P 40	O	P 40	O	
8.126F,8.160F,9.160F	9.67	95					
9.136/10.136 F	80	95					
9.150,10.150	80	95	P 45	O	P 45	O	
9.186 F,10.126 F	9.67	95					
Ale Euro 3	00		P 100	A1	P 100	A1	
Cab forward	9.88		P 50.1	O	P 50.1	O	
D 80,G80,S80		84	P 80	*	P 80	*	
D80, G80, S80, Ü80	84		P 80	*	P 80	*	
E2000	5.00		P 60	T	P 60	T	
Economy Bus			P 100	*	P 100	*	
F 2000	95		P 60	T	P 60	T	
FNL, FVLS,U,UK,UNL		7.74					
L 2000	95		P 50.1	O	P 50.1	O	
LE	9.00		P 50.1	O	P 50.1	O	
LE Lowentry	9.04		P 60	H2b	P 60	H2b	
Lion's City	1.04	11	P 90.1	P2	P 90.1	P2	
Lion's City	11		P 101	P2	P 101	P2	
Lion's Coach	9.05		P 100	A1	P 100	A1	
Lion's Comfort	9.06		P 101	P2	P 101	P2	
Lion's Regio	6.04		P 100	A1	P 100	A1	
Lion's Star	10.01		P 101	P2	P 101	P2	
Lion's Top Coach	6.99	1.04	P 101	P2	P 101	P2	
MN 283			P 80	A2	P 80	A2	
NG 272,NM 152	89		P 80	*	P 80	*	
NH 283	00		P 60	T	P 60	T	

  			 			 			 			 		
NL 202	89	94	P 90	*	P 90	*								
NL 202 (Önv II)	84	88	P 80	*	P 80	*								
NL 222	98		P 80	A4	P 80	A4								
NÜ	3.96		P 90.1	P2	P 90.1	P2								
RH	98	01	P 100	A1	P 100	A1								
RN 353	96		P 101	P2	P 101	P2								
RÜ 240, SÖ 242	85		P 100	*	P 100	*								
SD 200,SL 200,SÜ 240		84	P 70	4	P 70	4								
Serie G 90	91		P 45	O	P 45	O								
SG 192,SL 160,SL 192	12.76		P 70	4	P 70	4								
SG 220,SG 240	81		P 70	4	P 70	4								
SG 242/SG 292 (ÖNV II)	85		P 80	*	P 80	*								
SL 202,SÜ 240,SÜ242	85	87	P 80	*	P 80	*								
SR 240,SR 280 H	77		P 100	*	P 100	*								
SR 292 R,SR 362 FRH	85		P 100	*	P 100	*								
SR 321 FRH	81		P 100	*	P 100	*								
TGA	4.00		P 70.2	T	P 70.2	T								
TGL	4.05		P 70.2	T	P 70.2	T								
TGM	10.05		P 70.2	T	P 70.2	T								
TGS	8.07		P 70.2	T	P 70.2	T								
TGX	9.07		P 70.2	T	P 70.2	T								
ÜL 272	87		P 100	*	P 100	*								
MAZDA														
B-2500	6.99		P 45	O	P 45	O								
E 200	84		P 40	F	P 40	F								
Series B,E	95		P 45	O	P 45	O								
T 2500,T 3000	81		P 40	F	P 40	F								
MCW														
Metroliner	83		P 80	*	P 80	*								
Metroliner D.D.	83		P 100	*	P 100	*								
MERCEDES BENZ														
206,207,306,307	1.71	7.77	P 40	O	P 40	O								
206,207,306,307	3.73	7.77	P 45	O	P 45	O								
207 D,208,307 D,308	5.77	82	P 50.1	O	P 50.1	O								
209 D,309 D,407 D,408 D	83		P 50.1	O	P 50.1	O								
210,310	82		P 50.1	O	P 50.1	O								
219 L	76		P 50.1	O	P 50.1	O								
307 D,407 D,409 D	85		P 50.1	O	P 50.1	O								
409 D,410	83		P 50.1	O	P 50.1	O								
509 D,609 D,709 D,809 D	86		P 60.1	5	P 60.1	5								
608 D,0309	85		P 50.1	O	P 50.1	O								
613 D		85	P 50.1	O	P 50.1	O								
709,711 D,809,811 D			P 60.1	5	P 60.1	5								
813,913		84	P 50.1	O	P 50.1	O								
814,817,914,1114	84		P 60.1	5	P 60.1	5								
1013 L,1113,1213	76	84	P 50.1	O	P 50.1	O								
1013,1017,1213,1217,1219	9.75		P 70	4	P 70	4								
1117,1314	84		P 60.1	5	P 60.1	5								
1222	83		P 70	4	P 70	4								
1320 L-S	85		P 60.1	5	P 60.1	5								
1413,1613		84	P 70	4	P 70	4								
1414,1417,1617	84		P 70	4	P 70	4								
1419,1619,2219		83	P 70	4	P 70	4								
1422,142 S,1622,1625	83		P 70	4	P 70	4								
1618	95		P 60	H2a	P 60	H2a								
1619 L		77	P 50.1	O	P 50.1	O								
1626,1632,1719	73		P 70	4	P 70	4								
1633 S,1933 S,1938 S,2233	9.80		P 60	H2a	P 60	H2a								
1922 K,2225	83		P 70	4	P 70	4								
1928,1933,2628	80		P 70	4	P 70	4								
1935,1944,2035	86		P 70	4	P 70	4								
1936,2233,2636,3336	81		P 70	4	P 70	4								
1938 S-3850 AS	85		P 60	H2a	P 60	H2a								
2031,3350, Fredliner	95		P 65.2	T	P 65.2	T								
2032,2224,2232	73		P 70	4	P 70	4								
2629,2635,2644	86		P 70	4	P 70	4								

														
3336 (Typ 641/649)	89					P 65.2	T	P 65.2	T					
Actros	4.96					P 70.2	V1	P 70.2	V1					
Actros II	10.02					P 70.2	V1	P 70.2	V1					
Atego	1.98	10.04				P 65.2	V1	P 65.2	V1					
Atego II	10.04					P 65.2	V1	P 65.2	V1					
Axor	9.01	10.04				P 65.2	V1	P 65.2	V1					
Axor II	10.04					P 65.2	V1	P 65.2	V1					
Citaro	98					P 90.1	P2	P 90.1	P2					
Cito	1.97					P 101	P2	P 101	P2					
City Liner 809...1524	9.95					P 60	V1	P 60	V1					
Conecto	5.01					P 101	P2	P 101	P2					
Econic	3.98					P 60	T	P 60	T					
G, GN (Ü 80)	89					P 90	*	P 90	*					
Integro	97					P 101	P2	P 101	P2					
Intouro						P 101	P2	P 101	P2					
L-Q 310	80					P 60.1	5	P 60.1	5					
MB 100,120,140,160,180 D	87	96				P 50.1	O	P 50.1	O					
MB 150,170,180		86				P 45	O	P 45	O					
MB 90,100,130,140		86				P 45	O	P 45	O					
MB Trac 700,800,900	81					P 50.1	O	P 50.1	O					
O 301-LN 2	85	5.86				P 60	T	P 60	T					
O 301-LN 2	6.86					P 60	V1	P 60	V1					
O 303	10.74	79				P 70	4	P 70	4					
O 303		93				P 100	*	P 100	*					
O 303 LHD/RHD	79					P 100	*	P 100	*					
O 309 D, L 406 D, L 407 D	11.74					P 50.1	O	P 50.1	O					
O 310	80					P 60.1	5	P 60.1	5					
O 402, O405, O407 (ÖNVII)	85	91				P 80	*	P 80	*					
O 404	91	99				P 100	*	P 100	*					
O 407 Ü	87	01				P 100	*	P 100	*					
O 408	89	98				P 100	*	P 100	*					
O 614 D	89					P 60	V1	P 60	V1					
Powerliner 1820-1834	95					P 65.2	T	P 65.2	T					
Roadliner, Proliner	95					P 65.2	T	P 65.2	T					
S,2238,S,2633,2638	9.80					P 60	H2a	P 60	H2a					
Serie LK (507 D- 817 D)	6.86	98				P 60	V1	P 60	V1					
Serie LK (709 D- 1520 D)	6.86					P 60	V1	P 60	V1					
Serie SK 1013	89	96				P 65.2	T	P 65.2	T					
Series 300 d, 400 d	91					P 50.1	O	P 50.1	O					
Series LK, LN (709-1320)	6.84	8.86				P 60	T	P 60	T					
Sprinter	95	5.06				P 60.2	O	P 56.1	O					
Tourino	10.03					P 90	A2	P 90	A2					
Tourismo						P 101	P2	P 101	P2					
Travego	97					P 101	P2	P 101	P2					
U 1000, U 1100, U 1250	2.76					P 50.1	O	P 50.1	O					
U 1300, U 1500, U 1700	2.76					P 50.1	O	P 50.1	O					
U 45,52,54,55,60,66,72,80	4.66	12.76				P 40	K	P 40	K					
U 600,U 800	1.77					P 40	K	P 40	K					
U 80-1700 L						P 50.1	O	P 50.1	O					
U 84,100,110,508 D	5.69	12.76				P 50.1	O	P 50.1	O					
U 90,125	5.69	3.77				P 40	K	P 40	K					
U 900,1000,1100		87				P 40	K	P 40	K					
Üstra	98					P 90.1	P2	P 90.1	P2					
Vario	9.96					P 60	V1	P 60	V1					
Vito	2.96	7.03				P 60.2	O●	P 56.1	O●					
Vito	7.03	8.05				P 70.2	V1●	P 65.2	V1●					
Zetros	9.08					P 53	O	P 53	O					
MICROTRUCKS														
UFO						P 45	O	P 45	O					
MITSUBISHI														
Canter	80	95				P 40	F	P 40	F					
Canter (Standard Cab)	95					P 50.1	O	P 50.1	O					
Canter (Wide Cab)	04					P 53	O	P 53	O					
Canter (Wide Cab)	95	04				P 56.1	O	P 56.1	O					
Fuso	76					P 40	F	P 40	F					
Fuso Supergreat	96					P 53	O	P 53	O					
L200	10.96	11.05				P 45	O	P 45	O					
L200	11.05					P 56.1	O	P 45	O					

L200, L 300	80		P 40	F	P 40	F	
NEOPLAN							
Cityliner		8.82	P 70	4	P 70	4	
Cityliner N 116	81		P 80	*	P 80	*	
Cityliner N 116	9.82	00	P 70	4	P 70	4	
Cityliner N 116H			P 80	*	P 80	*	
Clubliner N 122/2	81	95	P 80	*	P 80	*	
Clubliner N 122/2	81	95	P 100	*	P 100	*	
Combiliner			P 100	*	P 100	*	
Combiliner N 316			P 70	4	P 70	4	
Euroliner	10.98		P 101	P2	P 101	P2	
Jetliner	9.81		P 70	4	P 70	4	
Jetliner N 108-N216	81		P 100	*	P 100	*	
Jumbocruiser N 138			P 100	*	P 100	*	
Jumbocruiser N 138	81		P 80	*	P 80	*	
Kombi Metroliner N 316	85		P 100	*	P 100	*	
Linien Schubel, SG, SÜG	81		P 80	*	P 80	*	
N 4007-N4021	87		P 100	*	P 100	*	
N 4010 NF, N 4014 NF DE			P 80	*	P 80	*	
N 4020 NF			P 80	*	P 80	*	
N 407SKI, N 209	81		P 80	*	P 80	*	
N 416 M/MK	81		P 100	*	P 100	*	
N 424/n 426	81		P 80	*	P 80	*	
Omnibus	76	81	P 70	4	P 70	4	
SD/2-SD/3, N 12/4			P 80	*	P 80	*	
Skyliner 122/3	9.88	01	P 70	4	P 70	4	
Spaceliner N 117/Reisebus	81		P 80	*	P 80	*	
Spaceliner,N117/2,3	76	81	P 70	4	P 70	4	
Standarlinie SL II	81	96	P 80	*	P 80	*	
Starliner (Lower blade)	9.06	11	P 100	A1	P 100	A1	
Starliner (Upper blade)	9.06	11	P 80	A4	P 80	A4	
SÜ N416			P 100	*	P 100	*	
Tourliner	9.02		P 100	A2	P 100	A2	
Trendliner	9.04		P 100	A2	P 100	A2	
Überland SÜ	81		P 80	*	P 80	*	
Unibus N 906, N 907			P 80	*	P 80	*	
NISSAN-EBRO							
Atleon (3.5T-8T)	9.00		P 60.2	O	P 56.1	O	
Atleon (9.5T-15T)	9.00		P 60.2	O	P 60.2	O	
Cabstar	10.06		P 50.1	O	P 50.1	O	
Cabstar	10.98	10.06	P 45	O	P 45	O	
ECO-T (100,135)	96		P 50.1	O	P 50.1	O	
Interstar	7.02	10.11	P 60.2	O●	P 60.2	O●	
Kubistar	11.03		P 50.1	O	P 50.1	O	
Mods. L			P 45	O	P 45	O	
Mods. M, Trade 2.0, 2.8			P 50.1	O	P 50.1	O	
Navara	10.04		P 60.2	O	P 45	O	
NP300	5.08		P 45	O	P 45	O	
NV200	2.10		P 56.1	O	P 40	O	
NV400	10.11		P 65.1	O	P 65.1	O	
Pick-Up	1.97	10.04	P 45	O	P 45	O	
Vanette	6.81	10.86	P 40	F	P 40	F	
Vanette	10.86	1.95	P 45	O	P 45	O	
Vanette Cargo	1.95		P 60.2	O	P 60.2	O	P 40 O
NOGE							
Titanium			P 101	P2	P 101	P2	
Touring-H			P 101	P2	P 101	P2	
Touring-HD			P 100	A1	P 100	A1	
OPEL							
Combo	10.01		P 50.1	O	P 40	O	
Corsa Combo	95		P 45	O	P 45	O	
Movano	7.98	4.10	P 60.2	O●	P 60.2	O●	
Movano	4.10		P 65.1	O	P 65.1	O	
Vivaro Combi	8.01		P 60.2	O	P 53	O	

									
ORENSTEIN & KOPPEL									
2082,2089,2135	85		P 50.1	O	P 50.1	O			
Radiader			P 65	4	P 65	4			
OTOKAR									
Kent C			P 100	A1	P 100	A1			
Navigo			P 80	A1	P 80	A1			
Navigo U			P 100	A1	P 100	A1			
Territo U			P 100	A1	P 100	A1			
Vectio C, U			P 100	A1	P 100	A1			
PEGASO									
100.35, space cab 100.50			P 50.1	O	P 50.1	O			
1061,1063,1064			P 40	K	P 40	K			
1066,2011,2040			P 40	K	P 40	K			
1080,1083,1086	85		P 50.1	O	P 50.1	O			
1135,1145,1180	85		P 50.1	O	P 50.1	O			
1183,1184,1186	85		P 50.1	O	P 50.1	O			
1187,1190,2080	85		P 50.1	O	P 50.1	O			
1214,1216,1217	85		P 50.1	O	P 50.1	O			
1215.9,COMBI 75.28			P 50.1	O	P 50.1	O			
1223,1231,1234	85		P 50.1	O	P 50.1	O			
1234 R,1331,1431	85		P 50.1	O	P 50.1	O			
1434,2217,2323	85		P 50.1	O	P 50.1	O			
2041,3060,3075			P 40	K	P 40	K			
217,415,515	85		P 40	F	P 40	F			
2180,2181,2182	85		P 50.1	O	P 50.1	O			
2189,2190,3088	85		P 50.1	O	P 50.1	O			
2331,2431	85		P 50.1	O	P 50.1	O			
3180,3181,3188,3189	85		P 50.1	O	P 50.1	O			
Buses 5023,5031			P 45	K	P 45	K			
Buses 5062,5080			P 45	K	P 45	K			
Buses 6420	85		P 70	4	P 70	4			
Coaches 5031,5123	85		P 70	6	P 70	6			
Coaches 6046/1,6100 S	85		P 100	*	P 100	*			
Coaches S 215,5036 S/1	85		P 100	*	P 100	*			
Duty	91		P 60.1	5	P 60.1	5			
Ekus	86		P 50.1	O	P 50.1	O			
Mider	91		P 50.1	O	P 50.1	O			
Troner	9.87	6.95	P 56	T	P 56	T			
Van 75.32,1210.6			P 50.1	O	P 50.1	O			
Van Capitone 75.35			P 50.1	O	P 50.1	O			
PEUGEOT									
Boxer	95	4.06	P 56.1	O	P 56.1	O			
Expert	95	1.07	P 60.2	O	P 50.1	O	P 40	O	
Expert	1.07		P 70.2	S1	P 50.1	O			
J 5	82		P 50.1	O	P 50.1	O			
J 7, J 9	74		P 40	O/F	P 40	O/F			
Partner	9.96	4.08	P 56.1	O	P 56.1	O	P 40	O	
RENAULT TRUCKS									
90,95,J,S,C (Serie)	3.75		P 50.1	O	P 50.1	O			
90B,130B,140B,150B-T3			P 50.1	O	P 50.1	O			
260,280,300,320,340		79	P 50.1	O	P 50.1	O			
Agora	1.96		P 100	A1	P 100	A1			
Ares	1.99		P 100	A1	P 100	A1			
B 70	10.82		P 60	H2a	P 60	H2a			
Bus D 300	1.85		P 100	*	P 100	*			
Cruiser 2,3,SGMV 6			P 60	H2b	P 60	H2b			
D 170.14,D170.17			P 45	O	P 45	O			
D 210.20, D230.20			P 45	O	P 45	O			
D230.26, D270.34			P 45	O	P 45	O			
D270 T, D320.34,D320.37			P 45	O	P 45	O			
D320.38,D320 T			P 45	O	P 45	O			
DG 290-T			P 60	H2a	P 60	H2a			

• montar con KIT 136 - mount with KIT 136 - monter avec le KIT 136 - mit KIT 136 montieren

* montar adaptador A1, A2, A3 o A4 según brazo - fit A1, A2, A3 or A4 depending on arm - monter adaptateur A1, A2, A3 ou A4 selon bras - Je nach Wischerarm A1, A2, A3 oder A4 montieren

DR340.20-26-3			P 50.1	O	P 50.1
DR340.38,DR340 T			P 50.1	O	P 50.1
E7 C,L,M,N	5.77		P 60	H2a	P 60
Express	92		P 45	O	P 45
FB/FC 30 Van	10.79		P 60	H2a	P 60
FR 1 (GT), R 312	83		P 100	*	P 100
G 45, G 105			P 60	H2a	P 60
GAK, GB 0	61		P 40	K	P 40
GBC, 8, 8 M 3	65	71	P 40	K	P 40
GBE, GBH, GBK	68	74	P 40	K	P 40
GCK, GFK10	68	74	P 40	K	P 40
GL, GLC, GLM, GLR	62	75	P 40	K	P 40
Iliade	1.97		P 100	A1	P 100
JK-JN 55,60,65,75,80,85	3.75		P 50.1	O	P 50.1
Kangoo	98	2.08	P 50.1	O	P 50.1
Kangoo Express	2.08		P 56.1	O	P 56.1
Kerax	1.96	1.06	P 70.2	S1 •	P 70.2
Kerax	1.06		P 65.2	S1 •	P 65.2
L 62, L 64 (Serie)		78	P 40	K	P 40
Magnum	91		P 70.2	T	P 70.2
Manager (Serie G)	94		P 60	V1/M1	P 60
Mascott	1.99	6.04	P 60.2	O •	P 60.2
Master	10.82	95	P 60	H2a	P 60
Master	95	7.98	P 60.2	O	P 60.2
Master	7.98	2.10	P 60.2	O •	P 60.2
Master	2.10		P 65.1	O	P 65.1
Master (Serie G)	94		P 60	V1/M1	P 60
Maxity	3.07		P 50.1	O	P 50.1
Messenger (Serie B)	89		P 60.1	5	P 60.1
Midliner (Series S,M)	94	96	P 60	V1/M1	P 60
Midlum	1.00		P 60.2	O	P 60.2
MS 250	80		P 50.1	O	P 50.1
PM, PMH	63		P 40	K	P 40
PR (Serie)			P 60	H2a	P 60
PR 10, 12,14,110			P 60	H2b	P 60
PR 100,100Ml,180	10.83		P 70	4	P 70
PR 100.2	9.88		P 70	4	P 70
Premium	1.96	1.06	P 70.2	S1 •	P 70.2
Premium II	1.06		P 65.2	S1 •	P 65.2
PS 30	10.77		P 50.1	O	P 50.1
R 310,R 360, R 370	80		P 50.1	O	P 50.1
S 100, S 110, S 130		88	P 60.1	5	P 60.1
S 150, S 170		88	P 60.1	5	P 60.1
S 170.14, Turbo	82		P 45	O	P 45
S 170.15 (Gama)			P 50.1	O	P 50.1
S 45GT,53 M, 105 M	65	70	P 40	O	P 40
S 5, 6, 7, 8		2.75	P 40	F	P 40
S 90,S 130,S 150, S 170	3.75		P 50.1	O	P 50.1
S130/11/13/109	82		P 45	O	P 45
SB 2, SG 1, SG 2, SG 3	62		P 40	O	P 40
SC 10	2.77		P 70	4	P 70
Serie D Turbo	83		P 45	O	P 45
Serie R	91		P 50.1	O	P 50.1
SG 4, SG 5	62		P 40	O	P 40
SM 10, SM 12, SM 13	6.75		P 50.1	O	P 50.1
SM 170, 200, 240, 250		79	P 50.1	O	P 50.1
SM 5,6,7,8	68		P 40	O	P 40
S-SP5, S-SP6, S7, S-SP8	3.75		P 50.1	O	P 50.1
T 1400 D	91		P 50.1	O	P 50.1
T 35 D	91		P 60.1	5	P 60.1
T series (1)	13		P 65.3	S2	P 65.3
TAK	66		P 40	K	P 40
TBK,TCK,TLM,TLR,TR,TRK	62		P 40	K	P 40
TP 2,TP 3, TRB			P 40	O	P 40
Tracer	1.91	10.01	P 100	*	P 100
Trafic	3.80	3.01	P 50.1	O	P 50.1
Trafic	3.01		P 60.2	O	P 53
TRM 4000,9000			P 40	O	P 40
SANTANA					
Anibal	10.02		P 40	O	P 45

SAURER					
D90,F,N,D330 B, Cab forw.	1.77		P 60	H2a	P 60
Cab forward	1.72		P 40	O	P 40
Stardarbus			P 60	H2a	P 60
SAVA					
211,22,S213,S350 A,400F			P 40	K	P 40
212	76		P 45	K	P 45
D411,D450			P 40	K	P 40
504A,S511,A551			P 40	K	P 40
LDO 5,Cosmos5721,5723	76		P 45	K	P 45
S350A,S400F,S450,S504	76		P 45	K	P 45
SCANIA					
112	86		P 100	*	P 100
2000,2200,3500	74		P 40	F	P 40
BR 116	79		P 70	4	P 70
BR 85,CR 85 Super	2.73		P 70	4	P 70
C 145	8.71		P 70	4	P 70
City Wide LE			P 101	P2	P 101
City Wide LF			P 80	A1	P 80
CN 112,116	84		P 70	4	P 70
CR 145	68	71	P 60.1	5	P 60.1
G,P,R,T82,T92,T112,T142		3.88	P 60.1	5	P 60.1
K 113 CL	9.88		P 70	4	P 70
L,LB,LBS,LBT,LB81,LS86	75	80	P 50.1	O	P 50.1
L,LB,LS,LBS,140,Super		77	P 50.1	O	P 50.1
L,LS140, LT146,146KT	77		P 50.1	O	P 50.1
LS 141	77	80	P 50.1	O	P 50.1
LT 111,Super	75	80	P 50.1	O	P 50.1
OmniCity, OmniLink	9.06		P 80	A2	P 80
Omniexpress 3.20			P 101	P2	P 101
OmniLine	99		P 101	P2	P 101
SERIE 4 (Clase C,D,L,G)	9.96	9.04	P 70.2	T	P 70.2
Serie G, P, R, T	9.04		P 70.2	T	P 70.2
Serie P, R, T	95	9.04	P 60.2	O	P 60.2
Series 3 (93,113,143)	4.88	8.96	P 60.2	O	P 60.2
Tourist	99		P 101	P2	P 101
SEAT					
Inca	11.95		P 50.1	O	P 45
Terra	12.86		P 40	O	P 40
Trans	82	12.86	P 40	F/O	P 40
SEDDON ATKINSON					
Strato	9.87		P 56	T	P 56
SETRA					
Confort Class 400			P 101	P2	P 101
High Class			P 101	P2	P 101
Multi Class			P 101	P2	P 101
SOLARIS					
Interurbino			P 100	A1	P 100
Urbino			P 80	A1	P 100
SSANGYONG					
Musso Sports Pick-Up	2.04		P 50.1	O	P 45
STEYR-DAIMLER-PUCH					
145,791	11.78		P 50.1	O	P 50.1

1490,1890	1.74		P 50.1	O	P 50.1	O			
1891,2891	80		P 50.1	O	P 50.1	O			
19 S 24-40 S 37	87		P 50.1	O	P 50.1	O			
590,591,690,691			P 45	O	P 45	O			
591,691	84	5.86	P 50.1	O	P 50.1	O			
790,890,990,1290,1390	1.74		P 50.1	O	P 50.1	O			
791,891,991,1291,1491	80		P 50.1	O	P 50.1	O			
9 S 14-16 S 21	86		P 50.1	O	P 50.1	O			
City Bus CS 6 F 55	1.75		P 70	4	P 70	4			
Pinzgauer Veb. (4x4)			P 45	O	P 45	O			
SUSUNDEGUI									
Astral			P 101	P2	P 101	P2			
B9R Elegance			P 101	P2	P 101	P2			
SC7			P 101	P2	P 101	P2			
Sideral			P 101	P2	P 101	P2			
SUZUKI									
Carry	5.99		P 40	O	P 40	O			
TATRA									
613	76		P 40	F	P 40	F			
TEMSA									
Avenue LF			P 100	A1	P 100	A1			
Safari HD			P 100	A1	P 100	A1			
Safari RD			P 100	A1	P 100	A1			
Safari RD IC			P 100	A1	P 100	A1			
Tourmalin IC			P 90.1	P2	P 90.1	P2			
TITAN									
TF 3000 (10X8)			P 60.1	5	P 60.1	5			
TOYOTA									
Dyna	95		P 40	O	P 40	O			
Dyna,Hi Ace,Hilux,Lit Ace	79		P 40	F	P 40	F			
Hiace	95	12.02	P 50.1	O	P 50.1	O			
Hiace	12.02		P 53	O	P 53	O			
Hilux	1.97	2.02	P 40	O	P 40	O			
Hilux	8.05		P 53	O	P 45	O			
UNIC									
619,697	8.77		P 60	H2a	P 60	H2a			
UNVI									
Cimo			P 101	P2	P 101	P2			
Urbis			P 101	P2	P 101	P2			
URO									
TT U 12, TT U 14			P 45	O	P 45	O			
VAN HOOL									
A308	98		P 90	A2	P 90	A2			
A320	00		P 90	A2	P 90	A2			
Alizée T 815	86		P 100	*	P 100	*			
Astromega TD 824	86		P 100	*	P 100	*			
Astromega TD 917	00		P 100	A1	P 100	A1			
EOS200, EOS230	96		P 80	A2	P 80	A2			
EOS233	96	99	P 80	A2	P 80	A2			
EOS80	98		P 56	T	P 56	T			

Sion			P 90	*	P 90	*			
Standarbus			P 60	H2a	P 60	H2a			
T9	96		P 100	A1	P 100	A1			
VDL									
Citea LLE-120			P 101	P2	P 101	P2			
Citea SLF-120			P 101	P2	P 101	P2			
Futura			P 100	A1	P 100	A1			
Jonckheere			P 101	P2	P 101	P2			
Synergy (Lower blade)			P 80	A1	P 80	A1			
VOLGA BUS									
Rhithmix			P 80	A1	P 80	A1			
VOLKSWAGEN									
6.90 F -10150 FK	9.79		P 50.1	O	P 50.1	O			
Amarok	9.10		P 60.2	O	P 56.1	O			
Bully		83	P 50.1	O	P 50.1	O			
Caddy	11.95	3.04	P 50.1	O	P 45	O			
Caravelle	95	7.03	P 53	O	P 53	O	P 40	O	
Caravelle	7.03		P 60.2	O	P 60.2	O			
Constellation	9.05		P 60.2	O	P 60.2	O			
Danbury	80		P 45	O	P 45	O			
LT	11.82	4.96	P 45	O	P 45	O			
LT	4.96		P 60.2	O	P 56.1	O			
LT 28-LT 55	4.75	11.82	P 50.1	O	P 50.1	O			
Transp. Bus	8.67	2.79	P 40	O	P 40	O			
Transp. Bus	3.79		P 45	O	P 45	O			
Transporter	7.03		P 60.2	O	P 60.2	O			
VOLVO									
5000, 7000	98		P 100	A1	P 100	A1			
611,613,614,616	9.75	85	P 60.1	5	P 60.1	5			
7000	02		P 100	A1	P 100	A1			
7700	6.06		P 100	A1	P 100	A1			
8500	1.99		P 100	A1	P 100	A1			
9500			P 101	P2	P 101	P2			
9700	4.01		P 101	P2	P 101	P2			
9900	01		P 101	P2	P 101	P2			
B 10 M, B 12			P 80	*	P 80	*			
B 10 M/C 10 M	86		P 100	*	P 100	*			
BM,LM,845-1240			P 40	K	P 40	K			
CH 230			P 60.1	5	P 60.1	5			
F 406,407,408,409	9.75	85	P 60.1	5	P 60.1	5			
F 609,610	9.75	85	P 60.1	5	P 60.1	5			
F 6,F 7,F 10,F 12,F 16	8.77	12.94	P 60.1	5	P 60.1	5			
F 85, 86, 88, 89	8.72		P 45	O	P 45	O			
F, FB 86	6.70	7.72	P 40	K	P 40	K			
F, FB 86	73		P 45	O	P 45	O			
F, FB 88,F 89,G 88,G 89	9.75		P 45	O	P 45	O			
FE	5.06		P 65.1	O	P 65.1	O			
FH	8.93		P 65.2	T	P 65.2	T			
FL	9.85	9.95	P 60	H2a	P 60	H2a			
FL	9.95	3.00	P 60	M1	P 60	V1			
FL	3.00	5.06	P 60.2	O	P 60.2	O			
FL II	5.06		P 60.2	O	P 60.2	O			
FLC	9.96	9.00	P 60	M1	P 60	V1			
FM	8.98		P 65.2	T	P 65.2	T			
N 7 (4X2), Turbo 6	80		P 40	O	P 40	O			
N 7, N 10, N 12	74		P 40	O	P 40	O			
N,NB 86		8.73	P 45	O	P 45	O			

• montar con KIT 136 - mount with KIT 136 - monter avec le KIT 136 - mit KIT 136 montieren

* montar adaptador A1, A2, A3 o A4 según brazo - fit A1, A2, A3 or A4 depending on arm - monter adaptateur A1, A2, A3 ou A4 selon bras - Je nach Wischerarm A1, A2, A3 oder A4 montieren

   				
P 40 400mm 16"				
BEDFORD				
3-12t	79		O	O
K	79		O	O
TK	76		O	O
BERNA				
Cab forward	1.72		O	O
CITROËN				
480 DI			K	K
700 DI			K	K
800 DI			K	K
DAF				
2005	74		O	O
2200	74		O	O
2205	74		O	O
DAIHATSU				
F 20 Taff	78		F	F
DODGE				
415	71		F	F
CE 16	72		F	F
Maxiload VC 4	72		F	F
Space Van	79		F	F
VCc 8	72		F	F
WCAS 541	71		F	F
WCFS 562	71		F	F
EBRO				
Series C,D,E	78		F	F
GME				
Rascal	89		O	O
HANOMAG-HENSCHEL				
F 20,25,30,35		2.74	O	O
HYUNDAI				
H-1	10.97	2.08		O
IPV (MAFSA)				
85 TT			F	F
110 TT			F	F
IVECO (Fiat, Magirus, OM)				
40 NC, 40 NC 35	77		F	F
80.14 HW,8016 HW,110.14	83	94	O	O
Diano,Cerbiatto,Orsotto			F	F
Eikher Schiepper	8.75		F	F
Lupetto, Titano N 150				
			K	K
M 110 D, M 120 D		8.75	K	K
M 80 D, M 100 D		8.75	K	K
NS 150			K	K
KÄSSBOHRER-SETRA				
Pistenbully	10.80		K	K
LEYLAND				
7/10 CWT Van	72		F	F
MAN-BÜSSING				
4.70F,6.90F,5.70F,7.90F	79		O	O
7.136 F,9.136 F	79	86	O	O
MAZDA				
E 200	84		F	F
T 2500,T 3000	81		F	F
MERCEDES BENZ				
206,207,306,307	1.71	7.77	O	O
U 45,52,54,55,60,66,72,80	4.66	12.76	K	K
U 600,U 800	1.77		K	K
U 90,125	5.69	3.77	K	K
U 900,1000,1100		87	K	K
MITSUBISHI				
Canter	80	95	F	F
Fuso	76		F	F
L200, L 300	80		F	F

   				
P 45 450mm 18"				
NISSAN-EBRO				
NV200	2.10			O
Vanette	6.81	10.86	F	F
Vanette Cargo	1.95			O
OPEL				
Combo	10.01			O
PEGASO				
1061,1063,1064			K	K
1066,2011,2040			K	K
2041,3060,3075			K	K
217,415,515	85		F	F
PEUGEOT				
Expert	95	1.07		O
J 7, J 9	74		O/F	O/F
Partner	9.96	4.08		O
RENAULT TRUCKS				
GAK,GB 0	61		K	K
GBC,8,8 M 3	65	71	K	K
GBE,GBH,GBK,GCK,GFK10	68	74	K	K
GL,GLC,GLM,GLR	62	75	K	K
L 62, L 64 (Serie)		78	K	K
PM, PMH	63		K	K
S 45GT,53 M, 105 M	65	70	O	O
S 5, 6, 7, 8		2.75	F	F
SB 2, SG 1, SG 2, SG 3	62		O	O
SG 4, SG 5	62		O	O
SM 5,6,7,8	68		O	O
TAK	66		K	K
TBK,TCK,TLM,TLR,TR,TRK	62		K	K
TP 2,TP 3, TRB			O	O
TRM 4000,9000			O	O
SANTANA				
Anibal	10.02		O	
SAURER				
Cab forward	1.72		O	O
SAVA				
211,22,S213,S350 A,400 F			K	K
D411,D450,504A,S511,A551			K	K
SCANIA				
2000,2200,3500	74		F	F
SEAT				
Terra	12.86		O	O
Trans	82	12.86	F/O	F/O
SUZUKI				
Carry	5.99		O	O
TATRA				
613	76		F	F
TOYOTA				
Dyna	95		O	O
Dyna,Hi Ace,Hilux,Lit Ace	79		F	F
Hilux	1.97	2.02	O	O
VOLKSWAGEN				
Caravelle	95	7.03		O
Transp. Bus	8.67	2.79	O	O
VOLVO				
BM,LM,845-1240			K	K
F, FB 86	6.70	7.72	K	K
N 7 (4X2), Turbo 6	80		O	O
N 7, N 10, N 12	74		O	O
AVIA				
1600			O	O
3600			O	O
5600			O	O

BEDFORD				
Astra-Van	84		O	O
Midi Van	7.85		O	O
CITROËN				
C 15	84		O	O
DODGE				
Cab forward			O	O
EBRO				
D 154	71		K	K
E 35 F			O	O
E 60 F			O	O
E 154	78		O	O
L 35, L 45	80		O	O
L 60, L 80	80		O	O
FIAT				
Dobló Cargo	3.01	2.10		O
Fiorino	1.88	5.01	O	O
Strada	6.99			O
FORD				
Ranger	6.99		O	O
Transit	7.00			O
GME				
Midi	89		O	O
HANOMAG-HENSCHEL				
F 40,F 85	71	74	O	O
HYUNDAI				
H 100	95		O	O
IPV (MAFSA)				
4 T 115			O	O
177 T			O	O
180 R			O	O
UT 115			O	O
ISUZU				
D-MAX (Rodeo)	5.02			O
NKR, NPR, NGR	98	10.06	O	O
N-Series	10.06		O	O
IVECO (Fiat, Magirus, OM)				
50 F 8,100 F13	4.78		O	O
50,55,65,70,75	8.77		O	O
60,79F10.13,65,75,90PC	5.76		O	O
60/8,65/60.10	83		O	O
65 NC 10	80		O	O
65/10,79/10,79/12	83		O	O
79.75/14,90/13,95/14	83		O	O
79/14,79/60,79/60.14	83		O	O
79/75,79/75.10	83		O	O
80,90,100,170 C/N/L	8.77		O	O
109/14,109/14.1	83		O	O
115/14,115/14.1	83		O	O
115/17,115/17.1	83		O	O
130, Serie160(O.M.)	83		O	O
135/14,135/14.2,135/14BOM	83		O	O
135/17,135/17.2,135/17R.R	83		O	O
135/17.R 1 RIDEM	83		O	O
145/17	86		O	O
159 F 177,20,160 F	4.78		O	O
165/24,165/.R.R. 1	83		O	O
170 NT,170 OM 35	75		O	O
175/04,175/17	86		O	O
180,190,260,4 A,C,N,L,T	77		O	O
KIA				
Besta	95		O	O
K-2500	02			O
Pregio	10.96			O
MAN-BÜSSING				
6.100,8.100,8.150	9.88		O	O
9.150,10.150	80	95	O	O
Serie G 90	91		O	O
MAZDA				
B-2500	6.99		O	O

Series B,E	95		O	O
MERCEDES BENZ				
206,207,306,307	3.73	7.77	O	O
MB 150,170,180		86	O	O
MB 90,100,130,140		86	O	O
MICROTRUCKS				
UFO			O	O
MITSUBISHI				
L200	10.96	11.05	O	O
L200	11.05			O
NISSAN-EBRO				
Cabstar	10.98	10.06	O	O
Mods. L			O	O
Navara	10.04			O
NP300	5.08		O	O
Pick-Up	1.97	10.04	O	O
Vanette	10.86	1.95	O	O
OPEL				
Corsa Combo	95		O	O
PEGASO				
Buses 5023,5031			K	K
Buses 5062,5080			K	K
RENAULT TRUCKS				
D 170.14,D170.17,D210.20			O	O
D230.20,D230.26,D270.34			O	O
D270 T, D320.34,D320.37			O	O
D320.38,D320 T			O	O
Express	92		O	O
S 170/14, Turbo	82		O	O
S130/11/13/109	82		O	O
Serie D Turbo	83		O	O
SANTANA				
Anibal	10.02			O
SAVA				
LDO 5,Cosmos5721,5723	76		K	K
S350A,S400F,S450,S504,212	76		K	K
SEAT				
Inca	11.95			O
SSANGYONG				
Musso Sports Pick-Up	2.04			O
STEYR-DAIMLER-PUCH				
590,591,690,691			O	O
Pinzgauer Veb. (4x4)			O	O
TOYOTA				
Hilux	8.05			O
URO				
TT U 12, TT U 14			O	O
VOLKSWAGEN				
Caddy	11.95	3.04		O
Danbury	80		O	O
LT	11.82	4.96	O	O
Transp. Bus	3.79		O	O
VOLVO				
F 85, 86, 88, 89	8.72		O	O
F, FB 86	73		O	O
F, FB 88,F 89,G 88,G 89	9.75		O	O
N,NB 86		8.73	O	O
AEBI				
TP 27			O	O
TP 45			O	O
TP 65			O	O

P 50.I

500mm
20"

• montar con KIT 136 - mount with KIT 136 - monter avec le KIT 136 - mit KIT 136 montieren

* montar adaptador A1, A2, A3 o A4 según brazo - fit A1, A2, A3 or A4 depending on arm - monter adaptateur A1, A2, A3 ou A4 selon bras - Je nach Wischerarm A1, A2, A3 oder A4 montieren

AVIA				
1000			O	O
1250			O	O
2000			O	O
BEDFORD				
Serie TK	78		O	O
CITROËN				
C 22	9.81		O	O
C 25	9.81		O	O
C 35	9.81		O	O
Jumpy	6.94			O
DAF				
1100 DD	10.75	12.78	O	O
1700	9.88		O	O
1900	9.88		O	O
2100	80		O	O
2105	9.88		O	O
2300	80		O	O
2300 Turbo	91		O	O
2305	9.88		O	O
2500 Turbo	80		O	O
2505	9.88		O	O
2525	9.88		O	O
2700 Ati	91		O	O
2800	86		O	O
2805	9.88		O	O
2900	91		O	O
3300	91		O	O
3600 Turbo	86		O	O
700 DE	10.75	12.78	O	O
900 DD	10.75	12.78	O	O
DE	10.75	12.78	O	O
Serie 400	86	97	O	O
EBRO				
F 260	80		O	O
F 275	80		O	O
F 350	80		O	O
JX 20 Trade 2.0	86		O	O
JX 20 Trade 2.8	86		O	O
M 100, M 125, M 140	80		O	O
P 137, P 170	80		O	O
P 200, P 260	80		O	O
P 320	80		O	O
FEND				
F 275 GT	1.76		O	O
FIAT				
Ducato	3.94	7.06	O	O
Scudo	2.96			O
FORD				
FT 9, FT 190	8.75	1.78	O	O
Serie A	1.78		O	O
Transit Connect	6.02			O
Transit FT9,80,100,130,190	1.77	10.86	O	O
FREIGHT-ROVER				
Serie 300	86		O	O
HANOMAG-HENSCHEL				
F 141-F500	10.72		O	O
F 161-F203	10.72		O	O
F 161	10.72		O	O
K-F 221 K	10.72		O	O
Transported TN	8.76		O	O
HYUNDAI				
H-1	10.97	2.08		O
ISUZU				
F-Series (FVR)	08		O	O
IVECO (Fiat, Magirus, OM)				
120 D,135 D,160 D,170 D		12.74	O	O
156 D,180 D,186 D,210 D		12.70	O	O

280 avant	1.81		O	O
90M,130M,160M,320M		12.78	O	O
Ducato	1.82	5.94	O	O
Taleno	89		O	O
KÄSSBOHRER				
Flexmobil	85		O	O
S 80,110,120,130,150		8.77	O	O
S 9-S 14,S80-S 150	10.87		O	O
MACK				
MS 200, 300 Midliner	79		O	O
MAN-BÜSSING				
6.90,8.90,8.136 FZ	80	93	O	O
12.170 F, 14.192 F	85		O	O
12.192 F	8.74		O	O
17.240,19.240,19.281	9.88		O	O
19.321,26.240,26.281	9.88		O	O
19.361 F,FLT, 41.321/VFAK	85		O	O
32.281,32.321	9.88		O	O
32.291,DFAK,32.331 DFA	86		O	O
Cab forward	9.88		O	O
L 2000	95		O	O
LE	9.00		O	O
MERCEDES BENZ				
207 D,208,307 D,308	5.77	82	O	O
209 D,309 D,407 D,408 D	83		O	O
210,310	82		O	O
219 L	76		O	O
307 D,407 D,409 D	85		O	O
409 D,410	83		O	O
608 D,0309	85		O	O
613 D		85	O	O
813,913		84	O	O
1013 L,1113,1213	76	84	O	O
1619 L		77	O	O
MB 100,120,140,160,180 D	87	96	O	O
MB Trac 700,800,900	81		O	O
O 309 D, L 406 D, L 407 D	11.74		O	O
Series 300 d, 400 d	91		O	O
U 1000, U 1100, U 1250	2.76		O	O
U 1300, U 1500, U 1700	2.76		O	O
U 80-1700 L			O	O
U 84,100,110,508 D	5.69	12.76	O	O
MITSUBISHI				
Canter (Standard cab)	95		O	O
NISSAN-EBRO				
Cabstar	10.06		O	O
ECO-T (100,135)	96		O	O
Kubistar	11.03		O	O
Mods. M, Trade 2.0, 2.8			O	O
OPEL				
Combo	10.01		O	
ORENSTEIN & KOPPEL				
2082,2089,2135	85		O	O
PEGASO				
100.35, space cab, 100.50			O	O
1080,1083,1086	85		O	O
1135,1145,1180	85		O	O
1183,1184,1186	85		O	O
1187,1190,2080	85		O	O
1214,1216,1217	85		O	O
1215.9,COMBI 75.28			O	O
1223,1231,1234	85		O	O
1234 R,1331,1431	85		O	O
1434,2217,2323	85		O	O
2180,2181,2182	85		O	O
2189,2190,3088	85		O	O
2331,2431	85		O	O
3180,3181,3188,3189	85		O	O
Ekus	86		O	O

  				
Van 75.32, 1210.6			0	0
Van Capitone 75.35			0	0
Mider	91		0	0
PEUGEOT				
Expert	95			0
J 5	82		0	0
RENAULT TRUCKS				
260, 280, 300, 320, 340		79	0	0
90, 95, J, S, C (Serie)	3.75		0	0
90B, 130B, 140B, 150B-T3			0	0
DR340.20, DR340.26, DR340.3			0	0
DR340.38, DR340 T			0	0
JK-JN 55, 60, 65, 75, 80, 85	3.75		0	0
Kangoo	98	2.08	0	0
Maxity	3.07		0	0
MS 250	80		0	0
PS 30	10.77		0	0
R 310, R 360, R 370	80		0	0
S 170.15 (Gama)			0	0
S 90, S 130, S 150, S 170	3.75		0	0
Serie R	91		0	0
SM 10, SM 12, SM 13	6.75		0	0
SM 170, 200, 240, 250		79	0	0
S-SP5, S-SP6, S7, S-SP8	3.75		0	0
T 1400 D	91		0	0
Trafic	3.80	3.01	0	0
SCANIA				
L, LB, LBS, LBT, LB81, LS86	75	80	0	0
L, LB, LS, LBS, 140, Super		77	0	0
L, LS140, LT146, 146KT	77		0	0
LS 141	77	80	0	0
LT 111, Super	75	80	0	0
SEAT				
Inca	11.95		0	
SSANGYONG				
Musso Sports Pick-Up	2.04		0	
STEYR-DAIMLER-PUCH				
9 S 14-16 S 21	86		0	0
19 S 24-40 S 37	87		0	0
145, 791	11.78		0	0
591, 691	84	5.86	0	0
790, 890, 990, 1290, 1390	1.74		0	0
791, 891, 991, 1291, 1491	80		0	0
1490, 1890	1.74		0	0
1891, 2891	80		0	0
TOYOTA				
Hiace	95	12.02	0	0
VOLKSWAGEN				
6.90 F -10150 FK	9.79		0	0
Bully		83	0	0
Caddy	11.95	3.04	0	
LT 28-LT 55	4.75	11.82	0	0
P53 530mm 21"				
KIA				
K-2500	02		0	
Pregio	10.96		0	
MERCEDES BENZ				
Zetros	9.08		0	0
MITSUBISHI				
Canter (Wide Cab)	04		0	0
Fuso Supergreat	96		0	0
OPEL				
Vivaro Combi	8.01			0

  				
RENAULT TRUCKS				
Trafic	3.01			0
TOYOTA				
Hiace	12.02		0	0
Hilux	8.05		0	
VOLKSWAGEN				
Caravelle	95	7.03	0	0
P56 560mm 22"				
DAF				
95310	4.97	5.91	T	T
95400	4.87	5.91	T	T
XF	1.97		V1	V1
PEGASO				
Troner	9.87	6.95	T	T
SEDDON ATKINSON				
Strato	9.87		T	T
VAN HOOL				
EOS80	98		T	T
P56.I 560mm 22"				
CITROËN				
Berlingo Van	9.96	4.08	0	0
Jumper	5.95	4.96	0	0
FIAT				
Dobló Cargo	3.01	2.10	0	
FORD				
Transit	9.85	7.00	0	0
Transit Connect	6.02		0	0
Transit Tourneo	11.94	12.00	0	0
FREIGHTLINER				
Business Class			0	0
ISUZU				
D-MAX (Rodeo)	5.02		0	
F-Series (FRR, FSR)	08		0	0
LDV				
Maxus	2.05		0	0
MERCEDES BENZ				
Sprinter	95	5.06		0
Vito	2.96	7.03		0+136
MITSUBISHI				
Canter (Wide Cab)	95	04	0	0
L200	11.05		0	
NISSAN-EBRO				
Atleon (3.5T-8T)	9.00			0
NV200	2.10		0	
PEUGEOT				
Boxer	95	4.06	0	0
Partner	9.96	4.08	0	0
RENAULT TRUCKS				
Kangoo Express	2.08		0	0
VOLKSWAGEN				
Amarok	9.10			0
LT	4.96			0

* montar con KIT 136 - mount with KIT 136 - monter avec le KIT 136 - mit KIT 136 montieren

* montar adaptador A1, A2, A3 o A4 según brazo - fit A1, A2, A3 or A4 depending on arm - monter adaptateur A1, A2, A3 ou A4 selon bras - Je nach Wischerarm A1, A2, A3 oder A4 montieren

   				
P 60 600mm 24"				
AUWÄRTER				
Economy 0614	89		V1	V1
BEDFORD				
Serie TM (D-Kab)	74		H2b	H2b
BERNA				
Cab forward	1.77		H2a	H2a
DAF				
75	9.95	98	V1	V1
85	9.95		V1	V1
700 DE	1.79		H2a	H2a
900	85		H2a	H2a
900 DE	1.79		H2a	H2a
1100 DD	1.79		H2a	H2a
1300 Turbo	86		H2a	H2a
1500 Turbo	85		H2a	H2a
CF	2.98	12.00	V1	V1
CF	1.01		V1	V1
FA 1500 DT	85		H2a	H2a
DODGE				
G 75	76	77	H2b	H2b
G 76	76	77	H2b	H2b
Comando	74		H2b	H2b
Serie 100	74		H2b	H2b
serie 100 s	82		H2a	H2a
FORD				
0711, 0813, 0915			H2b	H2b
1013, 1015			H2b	H2b
1113, 1115			H2b	H2b
1313, 1315, 1318			H2b	H2b
1318 R			H2b	H2b
4028	9.88		H2b	H2b
Cargo 1824,1924,1928,2624	9.88		H2b	H2b
Cargo 07009			H2b	H2b
Serie H Trancount	76		H2b	H2b
Transit	7.00			V1
IVECO (Fiat, Magirus, OM)				
13,16-65/10,75/16	83		H2a	H2a
26 N,26 Turbo,30,32 AH	83		H2a	H2a
33 T,38,42,42 T	83		H2a	H2a
36 42, Cab forward	9.88		H2a	H2a
79/14,80/13,M 100	83		H2a	H2a
90M,M6 FK,160M 13 FS	1.79		H2a	H2a
135/17,145/17T, cab forward	9.88		H2a	H2a
170 F NT,330 F 35	77		H2a	H2a
170 OM 35	5.79		H2a	H2a
175/04, 24 T, cab forward	9.88		H2a	H2a
190 F, PAC	77		H2a	H2a
190 OM 35 T	5.79		H2a	H2a
220/36 T cab forward.,38,38T	9.88		H2a	H2a
232/AHT	83		H2a	H2a
240/36 Turbo star	9.88		H2a	H2a
260/25,AH,AN,26H,32AH	83		H2a	H2a
260/30,330/30T, cab forward	9.88		H2a	H2a
305GT,308L,480AL,AC	8.77		H2a	H2a
310 D,470	78		H2a	H2a
320 M	1.79		H2a	H2a
330/30 T Cab forward	9.88		H2a	H2a
330/36 AHT	83		H2a	H2a
480 AC/AL,M120R	78		H2a	H2a
619,684,697	8.77		H2a	H2a
M 130 D, M 160 D, M 170 D	9.77		H2a	H2a
M 232 D, M 256 D	9.77		H2a	H2a
M 270 D	9.77	6.78	H2a	H2a
KÄSSBOHRER				
S 130 S,140 ES	1.77		H2a	H2a

   				
LEYLAND				
19/28 Roadtrain	84		H2b	H2b
26-26 Scammel	84		H2b	H2b
Atlanteam Bus	77		H2b	H2b
Bison 2, Optopus 2	78		H2b	H2b
Cruiser, Freightor	80		H2b	H2b
Ladtrain, Olimpia	80		H2b	H2b
Marathon, Marathon 2	74		H2b	H2b
National, Triton	77		H2b	H2b
Roadtrain, Construct.	80		H2b	H2b
Rolls Royce T 350	84		H2b	H2b
T 45, T 45 T	84		H2b	H2b
MAN-BÜSSING				
12.152 FL-17.232 FL (M90)	10.88	96	T	T
19.242-48.462 (F90)	86	94	T	T
E 2000	5.00		T	T
F 2000	95		T	T
LE Lowentry	9.04		H2b	H2b
NH 283	00		T	T
MERCEDES BENZ				
1618	95		H2a	H2a
1633 S,1933 S,1938 S,2233	9.80		H2a	H2a
1938 S-3850 AS	85		H2a	H2a
City Liner 809...1524	9.95		V1	V1
Econic	3.98		T	T
O 301-LN 2	85	5.86	T	T
O 301-LN 2	6.86		V1	V1
O 614 D	89		V1	V1
S, 2238, S, 2633, 2638	9.80		H2a	H2a
Serie LK (507 D- 817 D)	6.86	98	V1	V1
Serie LK (709 D- 1520 D)	6.86		V1	V1
Series LK, LN (709-1320)	6.84	8.86	T	T
Vario	9.96		V1	V1
RENAULT TRUCKS				
B 70	10.82		H2a	H2a
Cruiser 2,3,SGMV 6			H2b	H2b
DG 290-T			H2a	H2a
E 7 C,L,M,N	5.77		H2a	H2a
FB/FC 30 Van	10.79		H2a	H2a
G 45, G 105			H2a	H2a
Manager (Serie G)	94		V1/M1	V1/M1
Master	10.82	95	H2a	H2a
Master (Serie G)	94		V1/M1	V1/M1
Midliner (Series S,M)	94	96	V1/M1	V1/M1
PR (Serie)			H2a	H2a
PR 10, 12,14,110			H2b	H2b
SAURER				
D90,F,N,D330 B, Cab forward	1.77		H2a	H2a
Stardarbus			H2a	H2a
UNIC				
619,697	8.77		H2a	H2a
VAN HOOL				
Standarbus			H2a	H2a
VOLVO				
FL	9.85	9.95	H2a	H2a
FL	9.95	3.00	M1	V1
FLC	9.96	9.00	M1	V1
P60.I 600mm 24"				
IVECO (Fiat, Magirus, OM)				
Duty	91		5	5
M 130 D, M 160 D	1.75		5	5
M 170 D, M 310 D	1.75		5	5
M 232 D	1.71	12.74	5	5
M 270 D	1.75	6.78	5	5

MERCEDES BENZ				
509 D, 609 D, 709 D, 809 D	86		5	5
709, 711 D, 809, 811 D			5	5
814, 817, 914, 1114	84		5	5
1117, 1314	84		5	5
1320 L-S	85		5	5
L-Q 310	80		5	5
O 310	80		5	5
PEGASO				
Duty	91		5	5
RENAULT TRUCKS				
Messenger (Serie B)	89		5	5
S 100, S 110, S 130		88	5	5
S 150, S 170		88	5	5
T 35 D	91		5	5
SCANIA				
CR 145	68	71	5	5
G, P, R, T82, T92, T112, T142		3.88	5	5
TITAN				
TF 3000 (10X8)			5	5
VOLVO				
611, 613, 614, 616	9.75	85	5	5
CH 230			5	5
F 406, 407, 408, 409, 609, 610	9.75	85	5	5
F 6, F 7, F 10, F 12, F 16	8.77	12.94	5	5
P60.2 600mm 24"				
BMC				
Megastar	04			0
DAF				
LF	1.01		0	0
DODGE				
Express	82		0	0
Serie 100	79		0	0
ERF				
Couchette			0	0
EC Olympic			0	0
FIAT				
Strada	6.99		0	
FREIGHTLINER				
Cascadia			0	0
IVECO (Fiat, Magirus, OM)				
Daily I	1.78	4.99	0	0
Daily II	5.99	4.06	0	0
Daily III	5.06		0	0
MERCEDES BENZ				
Sprinter	95	5.06	0	
Vito	2.96	7.03	0 •	
NISSAN-EBRO				
Atleon (3.5T-8T)	9.00		0	
Atleon (9.5T-15T)	9.00		0	0
Interstar	7.02	10.11	0 •	0 •
Navara	10.04		0	
Vanette Cargo	1.95		0	0
OPEL				
Movano	7.98	4.10	0 •	0 •
Vivaro Combi	8.01		0	
PEUGEOT				
Expert	95	1.07	0	
RENAULT TRUCKS				
Mascott	1.99	6.04	0 •	0 •
Master	7.98	2.10	0 •	0 •

Master	95	7.98	0	0
Midlum	1.00		0	0
Trafic	3.01		0	
SCANIA				
Serie P, R, T	95	9.04	0	0
Series 3 (93, 113, 143)	4.88	8.96	0	0
VOLKSWAGEN				
Amarok	9.10		0	
Caravelle	7.03		0	0
Constellation	9.05		0	0
LT	4.96		0	
Transporter	7.03		0	0
VOLVO				
FL	3.00	5.06	0	0
FL II	5.06		0	0
P65 650mm 26"				
IVECO (Fiat, Magirus, OM)				
180.24-240.38			4	4
190.220, 240.30	1.83		4	4
190.35, 190 F 35 T			4	4
190/20 N, 24, 25 AN	83		4	4
190/24, 26 T, 30, 32 T	9.88		4	4
220.35 T, 240.35			4	4
240.38, 260, 330.35	1.83		4	4
300 P			4	4
NKW 80/13, 80/16	82		4	4
Turbo	81	7.84	4	4
TurboStar, TurboTech	7.84	12.93	4	4
KÄSSBOHRER				
PB 36.170 DR-39, 170 DR	11.81		4	4
Pistenbully	10.80		4	4
ORENSTEIN & KOPPEL				
Radiader			4	4
P65.1 650mm 26"				
BMC				
Megastar	04		0	
Professional	08		0	0
CITROËN				
Jumpy	6.94	1.07	0	
FIAT				
Scudo	2.96	1.07	0	
HYUNDAI				
H-1	10.97	2.08	0	
NISSAN-EBRO				
NV400	10.11		0	0
OPEL				
Movano	4.10		0	0
RENAULT TRUCKS				
Master	2.10		0	0
VOLVO				
FE	5.06		0	0
P65.2 650mm 26"				
IVECO (Fiat, Magirus, OM)				
EuroCargo	1.91		T	T

• montar con KIT 136 - mount with KIT 136 - monter avec le KIT 136 - mit KIT 136 montieren

* montar adaptador A1, A2, A3 o A4 según brazo - fit A1, A2, A3 or A4 depending on arm - monter adaptateur A1, A2, A3 ou A4 selon bras - Je nach Wischerarm A1, A2, A3 oder A4 montieren

Eurostar	1.93	2.02	T	T
Eurotech	1.92	2.02	T	T
EuroTrakker	1.93	11.04	T	T
PowerStar			T	T
Stralis	2.02		T	T
Trakker	10.04		T	T
MERCEDES BENZ				
2031,3350, Fredliner	95		T	T
3336 (Typ 641/649)	89		T	T
Atego	1.98	10.04	V1	V1
Atego II	10.04		V1	V1
Axor	9.01	10.04	V1	V1
Axor II	10.04		V1	V1
Powerliner 1820-1834	95		T	T
Roadliner, Proliner	95		T	T
Serie SK 1013	89	96	T	T
Vito	7.03	8.05		V1 •
RENAULT TRUCKS				
Kerax	1.06		S1 •	S1 •
Premium II	1.06		S1 •	S1 •
VOLVO				
FH	8.93		T	T
FM	8.98		T	T
P65.3 650mm 26"				
RENAULT TRUCKS				
T series (1)	13		S2	S2
P70 700mm 28"				
DRÖGMÖLLER				
440 Sup.			4	4
E 420			4	4
EBRO				
Coach 65/7 D	85		4	4
Coach 100/8 D	85		4	4
HEULIEZ				
GX 37H			4	4
IKARUS				
271	73		4	4
521	73		4	4
543.30	73		4	4
557	73		4	4
IK190	73		4	4
IVECO (Fiat, Magirus, OM)				
170,L,R,TL,TR	1.75	9.79	4	4
260SH, 70	81		4	4
370.12.76	1.76		4	4
M 170 SH, M 200 SH 110 U	73	78	4	4
M 200 L,R,T,M 230L,R,T	1.75	6.78	4	4
M 260 L	10.77		4	4
MAN-BÜSSING				
SD 200,SL 200,SÜ 240		84	4	4
SG 192,SL 160,SL 192	12.76		4	4
SG 220,SG 240	81		4	4
MERCEDES BENZ				
1013,1017,1213,1217,1219	9.75		4	4
1222	83		4	4
1413,1613		84	4	4
1414,1417,1617	84		4	4
1419,1619,2219		83	4	4
1422,142 S,1622,1625	83		4	4
1626,1632,1719	73		4	4

1922 K,2225	83		4	4
1928,1933,2628	80		4	4
1935,1944,2035	86		4	4
1936,2233,2636,3336	81		4	4
2032,2224,2232	73		4	4
2629,2635,2644	86		4	4
O 303	10.74	79	4	4
NEOPLAN				
Cityliner		8.82	4	4
Cityliner N 116	9.82	00	4	4
Combiliner N 316			4	4
Jetliner	9.81		4	4
Omnibus	76	81	4	4
Skyliner 122/3	9.88	01	4	4
Spaceliner,N117/2,3	76	81	4	4
PEGASO				
Buses 6420	85		4	4
Coaches 5031,5123	85		6	6
RENAULT TRUCKS				
PR 100,100MI,180	10.83		4	4
PR 100.2	9.88		4	4
SC 10	2.77		4	4
SCANIA				
BR 85,CR 85 Super	2.73		4	4
BR 116	79		4	4
C 145	8.71		4	4
CN 112,116	84		4	4
K 113 CL	9.88		4	4
STEYR-DAIMLER-PUCH				
City Bus CS 6 F 55	1.75		4	4
P70.2 700mm 28"				
CITROËN				
Jumpy	1.07		S1	
FIAT				
Scudo	1.07		S1	
FORD				
Transit	7.00		V1	
MAN-BÜSSING				
TGA	4.00		T	T
TGL	4.05		T	T
TGM	10.05		T	T
TGS	8.07		T	T
TGX	9.07		T	T
MERCEDES BENZ				
Actros	4.96		V1	V1
Actros II	10.02		V1	V1
Vito	7.03	8.05	V1 •	
PEUGEOT				
Expert	1.07		S1	
RENAULT TRUCKS				
Kerax	1.96	1.06	S1 •	S1 •
Magnum	91		T	T
Premium	1.96	1.06	S1 •	S1 •
SCANIA				
Serie 4 (Clase C,D,L,G)	9.96	9.04	T	T
Serie G, P, R, T	9.04		T	T
P80 800mm 32"				
AYATS				
Bravo 1 (Upper blade)			A1	

BEULAS				
Glory (Upper blade)			A1	
Jewell (Upper blade)			A1	
BMC				
Interurban Alyos			A1	A1
Procity Hybrid			A1	A1
BYD				
K9C			A1	A1
CATERPILLAR				
Cabine 307	1.72		*	*
FAST				
Scoler 4			A1	A1
HEULIEZ				
GX 117-586	7.99		A1	A1
GX 217			A2	A2
GX 317	7.99		A2	A2
GX 417			A2	A2
IKARUS				
397.07, Midibus 405	94		*	*
IRISBUS				
Acces Bus 127	1.02		A2	A2
IVECO (Fiat, Magirus, OM)				
370	81	82	*	*
470,570,670,12.25	81		*	*
N 120 R 81 Turbo	81		*	*
KÄSSBOHRER				
Imperial			*	*
PB 42.240 D	88		*	*
S 208A	80		*	*
S 213HE	87		*	*
S 228 DT Internat			*	*
Ü 80 (ÖNV)	80		*	*
MAN-BÜSSING				
D 80,G80,S80		84	*	*
D80, G80, S80, Ü80	84		*	*
MN 283			A2	A2
NG 272,NM 152	89		*	*
NL 202 (Önv II)	84	88	*	*
NL 222	98		A4	A4
SG 242/SG 292 (ÖNV II)	85		*	*
SL 202,SÜ 240,SÜ242	85	87	*	*
MCW				
Metroliner	83		*	*
MERCEDES BENZ				
O 402, O405, O407 (ÖNVII)	85	91	*	*
NEOPLAN				
Cityliner N 116	81		*	*
Cityliner N 116H			*	*
Clubliner N 122/2	81	95	*	*
Jumbocruiser N 138	81		*	*
Linien Schubel, SG, SÜG	81		*	*
N 4010 NF, N 4014 NF DE			*	*
N 4020 NF			*	*
N 407SKI, N 209	81		*	*
N 424/n 426	81		*	*
SD/2-SD/3, N 12/4			*	*
Spaceliner N 117/Reisebus	81		*	*
Standarlinie SL II	81	96	*	*
Starliner (Upper blade)	9.06	11	A4	A4
Überland SÜ	81		*	*
Unibus N 906, N 907			*	*
OTOKAR				
Navigo			A1	A1
SCANIA				
City Wide LF			A1	A1
OmniCity, OmniLink	9.06		A2	A2

SOLARIS				
Urbino			A1	
VAN HOOL				
EOS200, EOS230	96		A2	A2
EOS233	96	99	A2	A2
VDL				
Synergy (Lower blade)			A1	A1
VOLGA BUS				
Rhithmix			A1	A1
VOLVO				
B 10 M, B 12			*	*
P90 900mm 36"				
BMC				
Hawk			A1	A1
Probus			A1	A1
FAST				
Starter L			A1	A1
HESS				
City Bus			A1	A1
HEULIEZ				
Cristalis	6.00		A1	A1
KÄSSBOHRER				
S 228 DT, S 300 N	92		*	*
KING LONG				
XMQ6129BYD5			A1	A1
MAN-BÜSSING				
NL 202	89	94	*	*
MERCEDES BENZ				
G, GN (Ü 80)	89		*	*
Tourino	10.03		A2	A2
VAN HOOL				
A308	98		A2	A2
A320	00		A2	A2
Sion			*	*
P90.I 900mm 36"				
CAETANO				
2500 EL			P2	P2
CASTROSUA				
City			P2	P2
Tempus			P2	
MAN-BÜSSING				
Lion's City	1.04	11	P2	P2
NÜ	3.96		P2	P2
MERCEDES BENZ				
Citaro	98		P2	P2
Üstra	98		P2	P2
TEMISA				
Tourmalin IC			P2	P2
P100 1000mm 40"				
BEULAS				
Spica			A1	A1

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* montar adaptador A1, A2, A3 o A4 según brazo - fit A1, A2, A3 or A4 depending on arm - monter adaptateur A1, A2, A3 ou A4 selon bras - Je nach Wischerarm A1, A2, A3 oder A4 montieren

BUS UNIVERSAL				
Bus Universal			*	*
CASTROSUA				
Magnus E			A1	A1
DRÖGMÖLLER				
300			*	*
310			*	*
320			*	*
330			*	*
430			*	*
Aufbau Scania K 110	*		*	
E 290			*	*
Supercomet			*	*
FAST				
Starter LE			A1	A1
FOTON				
BJ6123			A1	A1
HEULIEZ				
GX 44			A1	A1
IKARUS				
61			*	*
386			*	*
396			*	*
415			*	*
435			*	*
Chasis Scania K 112			*	*
IRISBUS				
Citelis			A1	A1
Crealis Neo			A1	A1
Crossway			A1	A1
Domino HD, HDH	10.03		A1	A1
Evadys	10.03		A1	A1
Evadys H			A1	A1
Magelys Pro			A1	A1
IRIZAR				
Century	02		A1	A1
Intercentury	00		A1	A1
IVECO (Fiat, Magirus, OM)				
160.R 81 Turbo			*	*
315.8.17 Turbo,370	82		*	*
Domino,471,571,671	82		*	*
M 2000 12 M Turbo	81		*	*
M 2000 HD	82		*	*
KÄSSBOHRER				
D 215 HM, S 215 RL			*	*
S 200 H, S 210 H, S210 HD			*	*
S 210 Real, S 211			*	*
S 213HR,S 215 HD			*	*
S 215 HD, S 215 UL			*	*
S 216 HDS, SG 215 SL			*	*
SG 219 SL, S 300 NC			*	*
KING LONG				
XMQ6120AGD5			A1	A1
XMQ6120C			A1	A1
XMQ6129Y			A1	A1
XMQ6130Y			A1	A1
XMQ6900			A1	A1
XMQ6996Y			A1	A1
KUTSENITS				
Hydra			A1	A1
LEYLAND				
Royal Tiger B 54	3.83		*	*
MAN-BÜSSING				
Ale Euro 3	00		A1	A1
Economy Bus			*	*
Lion's Coach	9.05		A1	A1

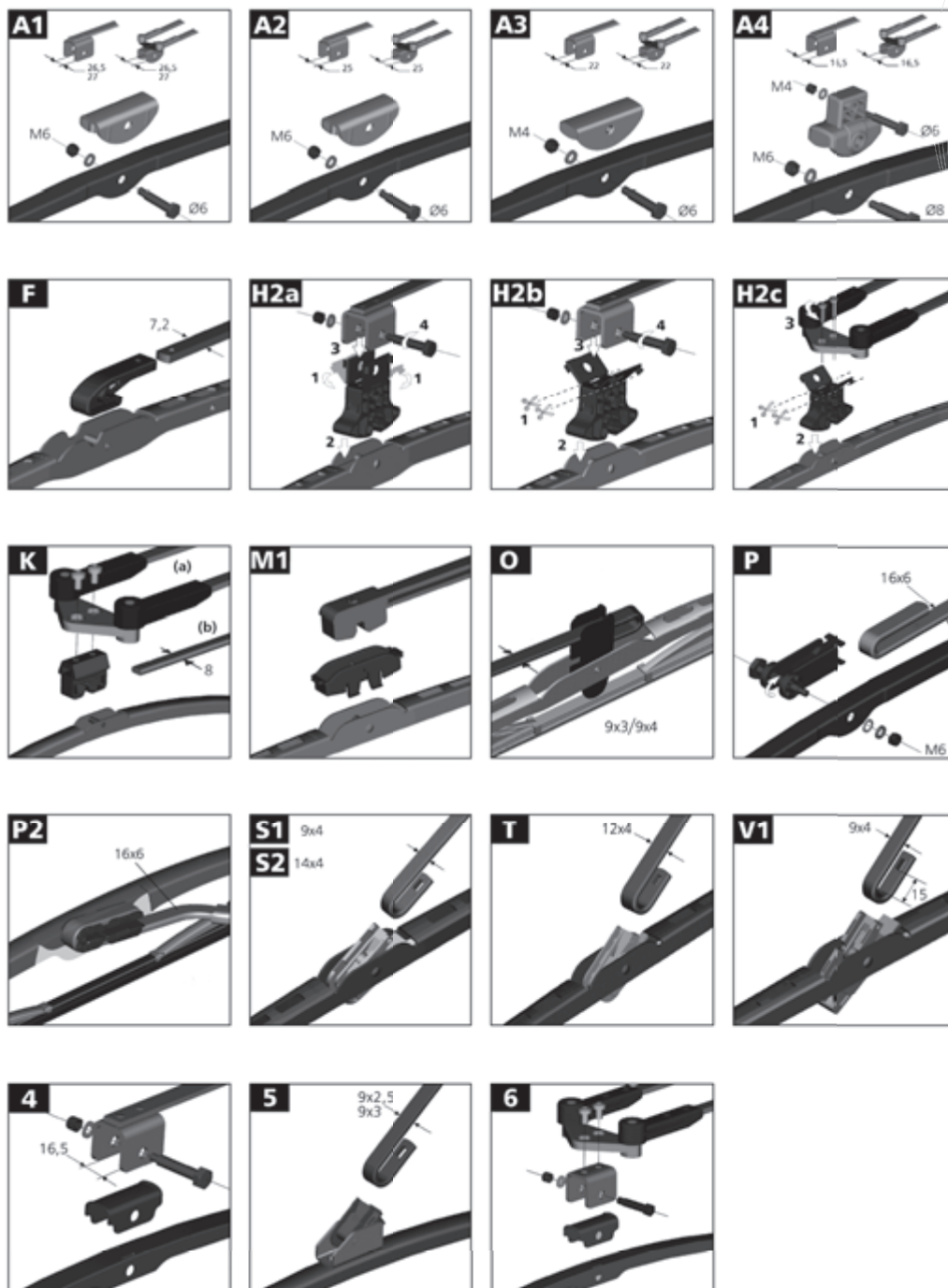
Lion's Regio	6.04		A1	A1
RH	98	01	A1	A1
RÜ 240, SÖ 242	85		*	*
SR 240,SR 280 H	77		*	*
SR 292 R,SR 362 FRH	85		*	*
SR 321 FRH	81		*	*
ÜL 272	87		*	*
MCW				
Metroliner D.D.	83		*	*
MERCEDES BENZ				
O 303		93	*	*
O 303 LHD/RHD	79		*	*
O 404	91	99	*	*
O 407 Ü	87	01	*	*
O 408	89	98	*	*
NEOPLAN				
Clubliner N 122/2	81	95	*	*
Combiliner			*	*
Jetliner N 108-N216	81		*	*
Jumbocruiser N 138			*	*
Kombi Metroliner N 316	85		*	*
N 4007-N4021	87		*	*
N 416 M/MK	81		*	*
Starliner (Lower blade)	9.06	11	A1	A1
SÜ N416			*	*
Tourliner	9.02		A2	A2
Trendliner	9.04		A2	A2
NOGE				
Touring-HD			A1	A1
OTOKAR				
Kent C			A1	A1
Navigo U			A1	A1
Territo U			A1	A1
Vectio C, U			A1	A1
PEGASO				
Coach 6046/1,6100 S	85		*	*
Coach S 215,5036 S/1	85		*	*
RENAULT TRUCKS				
Agora	1.96		A1	A1
Ares	1.99		A1	A1
Bus D 300	1.85		*	*
FR 1 (GT),R 312	83		*	*
Illiade	1.97		A1	A1
Tracer	1.91	10.01	*	*
SCANIA				
112	86		*	*
SOLARIS				
Interurbino			A1	A1
Urbino				A1
TEMSA				
Avenue LF			A1	A1
Safari HD			A1	A1
Safari RD			A1	A1
Safari RD IC			A1	A1
VAN HOOL				
Alizée T 815	86		*	*
Astromega TD 824	86		*	*
Astromega TD 917	00		A1	A1
T9	96		A1	A1
VDL				
Futura			A1	A1
VOLVO				
5000, 7000	98		A1	A1
7000	02		A1	A1
7700	6.06		A1	A1
8500	1.99		A1	A1
B 10 M/C 10 M	86		*	*

  				
PIOI 1000mm 40"				
AMZ				
City Smile			P2	P2
AYATS				
Bravo 1 (Lower blade)			P2	P2
BEULAS				
Aura			P2	P2
Cygnus			P2	P2
Glory (Lower blade)			P2	P2
Jewell (Lower blade)			P2	P2
CAETANO				
Manecocity			P2	P2
CASTROSUA				
Stellae			P2	P2
Tempus				P2
CROBUS				
Zora			P2	P2
INDCAR				
Mago 2			P2	P2
IRIZAR				
i3	11		P2	P2
i4	11		P2	P2
i6	11		P2	P2
PB	02		P2	P2
MAN-BÜSSING				
Lion's City	11		P2	P2
Lion's Comfort	9.06		P2	P2
Lion's Star	10.01		P2	P2
Lion's Top Coach	6.99	1.04	P2	P2
RN 353	96		P2	P2
MERCEDES BENZ				
Cito	1.97		P2	P2
Conecto	5.01		P2	P2

  				
Integro	97		P2	P2
Intouro			P2	P2
Tourismo			P2	P2
Travego	97		P2	P2
NEOPLAN				
Euroliner	10.98		P2	P2
NOGE				
Titanium			P2	P2
Touring-H			P2	P2
SCANIA				
City Wide LE			P2	P2
Omniexpress 3.20			P2	P2
OmniLine	99		P2	P2
Tourist	99		P2	P2
SETRA				
Confort Class 400			P2	P2
High Class			P2	P2
Multi Class			P2	P2
SUNSUNDEGUI				
Astral			P2	P2
B9R Elegance			P2	P2
SC7			P2	P2
Sideral			P2	P2
UNVI				
Cimo			P2	P2
Urbis			P2	P2
VDL				
Citea LLE-120			P2	P2
Citea SLF-120			P2	P2
Jonckheere			P2	P2
VOLVO				
9500			P2	P2
9700	4.01		P2	P2
9900	01		P2	P2

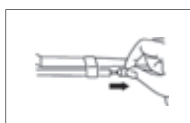
• montar con KIT 136 - mount with KIT 136 - monter avec le KIT 136 - mit KIT 136 montieren

* montar adaptador A1, A2, A3 o A4 según brazo - fit A1, A2, A3 or A4 depending on arm - monter adaptateur A1, A2, A3 ou A4 selon bras - Je nach Wischerarm A1, A2, A3 oder A4 montieren

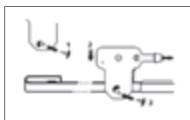


**instrucciones
instructions
Montageanleitungen**
1

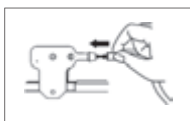
- Desmontar el manguito del agua de la escobilla original.
- Disconnect the water hose connector from the original wiper blade.
- Démonter le tuyau lave-glace du balai d'origine.
- Die Wasseranschlussmuffe des Original-wischerblattes abmontieren.


2

- Montar el Kit en el extremo del brazo, con el extremo de conexión mirando hacia la articulación del brazo.
- Mount the Kit on the end of the arm, with the end of the connection pointing towards the arm joint.
- Monter le Kit sur le bout du bras, l'extrémité de raccordement étant orientée vers l'articulation du bras.
- Das Set am Wischarmende montieren, wobei das Anschlussende in Richtung Wischarmelenk zeigen muss.


3

- Conectar el manguito del agua al Kit.
- Connect the water hose connector to the Kit.
- Raccorder le tuyau lave-glace au Kit.
- Die Wasseranschlussmuffe an das Set anschließen.


4

- Montar la escobilla con el adaptador.
- Mount the blade with the adaptor.
- Monter le balai avec l'adaptateur.
- Das Wischerblatt mit dem Adapter montieren.


Kit 136

CUANDO SE REALIZA LA 1ª SUSTITUCIÓN DE LA ESCOBILLA, SE MONTA EL KIT 136 EN EL BRAZO, SUSTITUYENDO AL SURTIDOR DE LA ESCOBILLA ORIGINAL. EN LA SEGUNDA SUSTITUCIÓN Y SUCEVAS SÓLO ES NECESARIA LA COMPRA DE LAS ESCOBILLAS.

THE SOLUTION INVOLVES MOUNTING KIT 136 ON THE ARM WHEN THE BLADE IS REPLACED FOR THE FIRST TIME, REPLACING THE ORIGINAL BLADE'S JET. WHEN MAKING SUBSEQUENT REPLACEMENTS, YOU ONLY NEED TO PURCHASE THE WIPER BLADES.

LA SOLUTION CONSISTE À MONTER LE KIT 136 SUR LE BRAS AU MOMENT DE PROCÉDER À LA 1RE SUBSTITUTION DU BALAI, EN REMPLAÇANT LE GICLÉUR DU BALAI D'ORIGINE. POUR LA DEUXIÈME SUBSTITUTION ET LES SUIVANTES, IL SUFFIT D'ACHETER LE BLISTER.

DIESE LÖSUNG BESTEHT DARIN, DASS BEIM ERSTEN WISCHERBLATTWECHSEL DIE SPRITZDÜSE DES ORIGINAL-WISCHERBLATTES AUSGEWECHSELT UND DAS KIT 136 AUF DEN WISCHARM MONTIERT WIRD. BEIM NÄCHSTEN UND ALLEN DARAUFFOLGENDEN WISCHERBLATTWECHSELN MUß AN NUR DIE WISCHERBLÄTTER EINKAUFEN.



SWF

OPTIMA PRO

CHAMPION

OPTIMA PRO

132.400	P40	132.900	P90
132.450	P45	132.901	P90.1
132.500	P50.1 / P53	132.000	P100
132.550	P56.1	132.001	P101
132.560	P56		
132.600	P60 / P60.1 / P60.2		
132.650	P65 / P65.1 / P65.2		
132.701	P70 / P70.2		
132.702	P70.2		
132.801	P80		

T41001	P40	T65H05	P65.2
T45001	P45	T70S04	P70
T51001	P50.1	T70H05	P70.2
T55H01	P56	T80S04	P80
T55001	P56.1	T90H06	P90
T60H01	P60	T90S04	P90
T60001	P60.1	T90H06	P90.1
T60H03	P60.2	T100S04	P100
T65S04	P65	T100H06	P101
T65H01	P65.1		

BOSCH

OPTIMA PRO

VALEO

OPTIMA PRO

N40	P40	N90	P90
N45	P45	N91	P90.1
N53	P50.1 / P53	N100	P100
N55	P56.1	N101	P101
N56	P56		
N63	P60 / P60.1 / P60.2		
N65	P65 / P65.2		
N66	P65.1		
N70	P70 / P70.2		
N80	P80		

728800	P40	728832	P90
728801	P45	728833	P90.1
728802	P50.1	728834	P100
728804	P56	728835	P101
728803	P56.1		
728826	P60		
728825	P60.2		
728827	P65.1		
728830	P70.2		
728831	P80		

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