



**ESCOBILLAS  
LIMPIAPARABRISAS  
EUROPA LHD**



**GAMA FLEXIBLE. COBERTURA COMPLETA.**

**LA NUEVA GAMA SIMPLIFICADA DE ESCOBILLAS  
LIMPIAPARABRISAS HELLA.**



**GAMA DE ESCOBILLAS  
LIMPIAPARABRISAS  
NUEVA Y SIMPLIFICADA**





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**EXPERTOS  
EN VISIBILIDAD**



# HELLA: EXPERTO EN VISIBILIDAD. SIMPLIFICADAS



## MEJOR DE SU CLASE

MÁS DE 120 AÑOS DE INNOVACIÓN ALEMANA



## CALIDAD PREMIUM

PROBADO SISTEMÁTICAMENTE



## HELLA

MARCA RECONOCIDA



## CLIENTES SATISFECHOS

MILLONES DE ESCOBILLAS VENDIDAS CADA AÑO

## SATISFACER LAS NECESIDADES DE LOS CLIENTES

### DISTRIBUIDOR



- Muchas marcas distribuidas en exceso
- Demasiadas existencias / demasiados números de artículo
- Más vehículos con más conectores

### TALLER



- Mantener la rentabilidad es un reto
- Selección rápida e instalación fácil
- Últimas coberturas
- Fácil de vender a los usuarios finales
- Precios competitivos

### MINORISTAS



- Encontrar rápidamente el número de artículo adecuado → ajuste rápido
- Silenciosas y duraderas
- Diseño elegante
- Precios

VISIÓN

NECESIDADES

- Fácil de comprar → fácil de vender
- Gamas reducidas / máxima cobertura
- Más ganancias
- Últimas conexiones y aplicaciones

- Fácil de manipular
- Rendimiento duradero
- Marca de confianza
- Diseño OE (actualización)
- Precio correcto



# GAMA DE ESCOBILLAS LIMPIAPARABRISAS HELLA NUEVA Y SIMPLIFICADA

DEBE TENER



## METAL WIPER

Gran cobertura  
Buena relación calidad-precio



## SMARTECH

Tecnología de escobilla plana  
Multiclips = gran cobertura



VALOR AÑADIDO



## EASY SET

Juegos de dos unidades → OE & UP  
Un paquete → una solución







### REARS PLÁSTICO/PLANA

Gran cobertura  
Sistema multiclip



**EASY CHANGE**  
MULTI-CLIP SYSTEM

**EASY CHANGE**  
MULTI-CLIP SYSTEM  
EXTENDED COVERAGE



### HYBRID

Tecnología específica



**EASY CHANGE**  
ORIGINAL DESIGN  
EASY TO FIT



### HEAVY DUTY

Diseño robusto  
para profesionales



**EASY CHANGE**  
BUILT TOUGH  
EASY TO FIT

**EASY CHANGE**  
BUILT TOUGH  
WITH SPRAY-BAR

# CAMIONES





# METAL WIPER

COBERTURA TOTAL. PRECIO JUSTO. ÓPTIMA RELACIÓN CALIDAD-PRECIO

## METAL WIPERS CARTON

Siempre puede confiar en las escobillas metálicas de HELLA. Los labios de goma de las escobillas están recubiertos de grafito, para que puedan estar constantemente expuestos a los más duros usos.

Además, el diseño minimiza el molesto ruido del viento. Esto se traduce en un funcionamiento suave y silencioso con un rendimiento más duradero, lo que a su vez mejora la seguridad y el confort de conducción.

## CARACTERÍSTICAS

### TENDENCIAS TECNOLÓGICAS



- Importante retroceso en el mercado OE desde hace años
- Sigue habiendo una gran demanda en el mercado de posventa

### RETOS



- Presión de precios
- Mayor conciencia medioambiental (embalaje)

### SOLUCIÓN: HELLA



- Buena relación calidad-precio
- Menos PN, cobertura completa
- Embalaje de cartón reciclable

## VENTAJAS



STREAK-FREE SILENT



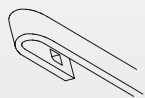
ALL-WEATHER SAFETY



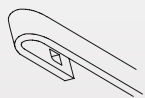
# ADAPTADORES Y TIPOS DE BRAZOS

## ADAPTADORES GANCHOS

A2-1

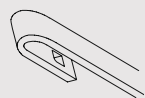


**HOOK**  
7 mm x 2.2 mm

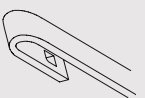


**HOOK**  
9 mm x 2.5 mm

B



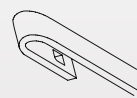
**HOOK**  
6 mm x 2.2 mm



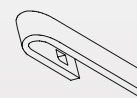
**HOOK**  
8 mm x 3 mm

## ADAPTADORES GANCHOS

E3

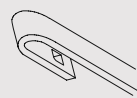


**HOOK**  
9 mm x 3 mm



**HOOK**  
9 mm x 4 mm

V9



**HOOK**  
9 mm x 3 mm

## CÓDIGOS CORTOS

CÓDIGO CORTO	HELLA P/N	LONGITUD	ADAPTADORES
WP28	9XW 178 878-111	275 mm	E3, B, V9
WP35	9XW 178 878-141	350 mm	E3, B V9
WP38	9XW 178 878-151	375 mm	E3, B, V9
WP40	9XW 178 878-161	400 mm	E3, B, V9
WP43	9XW 178 878-171	425 mm	E3, A2-1
WP45	9XW 178 878-181	450 mm	E3, B, V9
WP48	9XW 178 878-191	475 mm	E3, B, V9
WP50	9XW 178 878-201	500 mm	E3, V9
WP53	9XW 178 878-211	525 mm	E3, V9
WP55	9XW 178 878-221	550 mm	E3, V9
WP58	9XW 178 878-231	575 mm	E3, V9
WP60	9XW 178 878-241	600 mm	E3, V9
WP65	9XW 178 878-261	650 mm	E3, V9
WP70	9XW 178 878-281	700 mm	E3



# SMARTECH

MÁS FLEXIBILIDAD PARA EL DISEÑO AERODINÁMICO DE LAS ESCOBILLAS PLANAS.

## SMARTECH BLISTER PACK

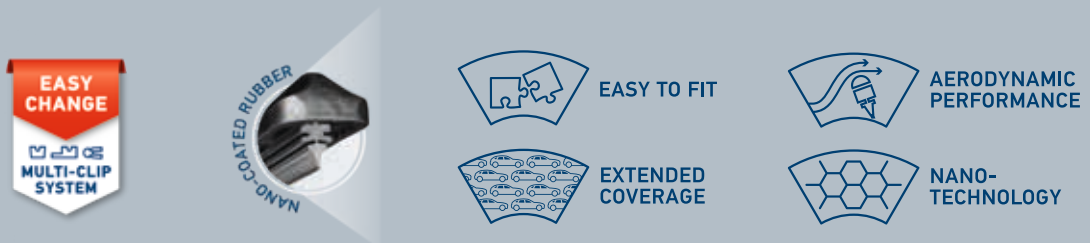
Las escobillas limpiaparabrisas Smartech de HELLA cubren más del 90 % del mercado europeo de vehículos. Pueden instalarse en vehículos originalmente equipados con escobillas de tipo "beam" o como una mejora para reemplazar las escobillas metálicas estándar.

El montaje es rápido y sencillo gracias al ingenioso sistema Easychange. Cada referencia incluye los adaptadores necesarios para maximizar la cobertura. Todas las escobillas vienen empaquetadas en un atractivo embalaje transparente para que los usuarios finales puedan verlas.

## CARACTERÍSTICAS



## VENTAJAS



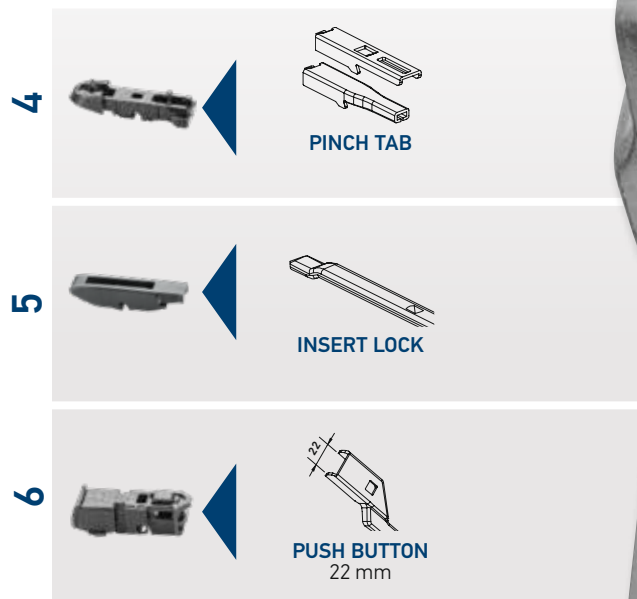


# ADAPTADORES Y TIPOS DE BRAZOS

## ADAPTADORES GANCHOS



## ADAPTADORES GANCHOS



## CÓDIGOS CORTOS

CÓDIGO CORTO	HELLA P/N	LONGITUD	ADAPTADORE
ST35	9XW 358.136-141	340 mm	3, 4, 5
ST38	9XW 358.136-151	380 mm	3, 4
ST40	9XW 358.136-161	400 mm	2, 3, 4, 5, 6
ST45	9XW 358.136-181	450 mm	2, 3, 4, 5, 6
ST48	9XW 358.136-191	475 mm	2, 3, 4, 5, 6
ST50	9XW 358.136-201	500 mm	2, 3, 4, 5, 6
ST53	9XW 358.136-211	530 mm	2, 3, 4, 5, 6
ST55	9XW 358.136-221	550 mm	2, 3, 4, 5, 6
ST60	9XW 358.136-241	600 mm	2, 3, 4, 5, 6
ST65	9XW 358.136-261	650 mm	2, 3, 4, 5, 6
ST70	9XW 358.136-281	700 mm	2, 3, 4, 6

# EASY SET OE

MÁS FLEXIBILIDAD PARA JUEGOS DE ESCOBILLAS CON UN DISEÑO ELEGANTE SIMILAR A OE

## EASY SET OE CARTON

A la hora de instalar nuevas escobillas limpiaparabrisas, los conductores deben estar seguros de haber hecho la elección correcta. Por eso, el Easy Set OE es siempre la decisión correcta. El estilo y la funcionalidad son compatibles con las escobillas originales que se van a sustituir.

Esto se traduce en una excelente calidad de barrido en cualquier condición climática en combinación con una instalación rápida y fácil gracias a un sistema de adaptadores modular, para una amplia gama de tipos de vehículos.

## PROPIEDADES

### TENDENCIAS TECNOLÓGICAS



- Escobilla plana = tecnología líder y en crecimiento
- Rendimiento aerodinámico
- Diseño elegante

### RETOS



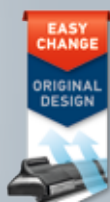
- Los embalajes individuales son flexibles, pero a veces confusos
- El mercado está acostumbrado a los juegos, pero:
- muchas longitudes x muchas conexiones = muchos números de artículo = muchas existencias.

### SOLUCIÓN: HELLA



- Para vehículos con equipamiento OE y como actualización
- Solo 16 números artículo; multclip (máx. 3)
- Cubre hasta el 85 % de la gama de escobillas de los principales competidores
- Un juego → Una solución

## VENTAJAS



NANO-COATED RUBBER



OE-LIKE DESIGN



AERODYNAMIC PERFORMANCE





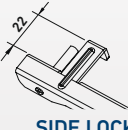
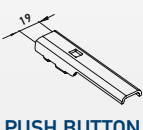


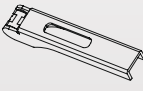
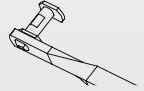
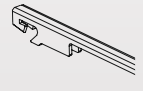
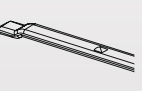

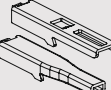
EASY TO FIT



MULTI-CLIP-SYSTEM



# ADAPTADORES Y TIPOS DE BRAZOS

	ADAPTADORES	GANCHOS		ADAPTADORES	GANCHOS	
3B-2		 SIDE LOCK 19 mm	 SIDE LOCK 22 mm	3H-2	 PUSH BUTTON 19 mm	 PUSH BUTTON 22 mm
3C-B		 AUDI & OLD Mercedes Type	 RENAULT Scenic Type	3F	 MULTI HOOK	 INSERT LOCK
3D-2		 PINCH TAB				

## CÓDIGOS CORTOS

CÓDIGO CORTO	HELLA P/N	LONGITUD	ADAPTADORES
Set0E5348	9XW 358 164-011	525 mm/475 mm	3M, 3B-2, 3H-2
Set0E5353	9XW 358 164-021	525 mm/525 mm	3M, 3B-2, 3H-2
Set0E5545	9XW 358 164-031	550 mm/450 mm	3M, 3B-2, 3D-2
Set0E5555	9XW 358 164-041	550 mm/550 mm	3M, 3C, 3D-2, 3F
Set0E6040	9XW 358 164-051	600 mm/400 mm	3M, 3H-2, 3F
Set0E6045	9XW 358 164-061	600 mm/450 mm	3M, 3B-2, 3H-2, 3F
Set0E6048	9XW 358 164-071	600 mm/475 mm	3M, 3B-2, 3D-2, 3H-2
Set0E6050	9XW 358 164-081	600 mm/500 mm	3M, 3B-2, 3H-2
Set0E6053	9XW 358 164-091	600 mm/525 mm	3M, 3B-2, 3D-2, 3H-2
Set0E6060	9XW 358 164-101	600 mm/600 mm	3M, 3B-2, 3H-2
Set0E6540	9XW 358 164-111	650 mm/400 mm	3M, 3B-2, 3H-2, 3F
Set0E6545	9XW 358 164-121	650 mm/450 mm	3M, 3B-2, 3H-2
Set0E6548	9XW 358 164-131	650 mm/475 mm	3M, 3B-2, 3H-2, 3F
Set0E6555	9XW 358 164-141	650 mm/550 mm	3M, 3C+3C-B, 3H-2, 3F
Set0E6565	9XW 358 164-151	650 mm/650 mm	3M, 3B-2, 3D-2, 3F
Set0E7070	9XW 358 164-161	700 mm/700 mm	3M, 3B-2, 3H-2

# EASY SET UPGRADE

MÁS FLEXIBILIDAD PARA MEJORAR EL RENDIMIENTO DE VEHICULOS EQUIPADOS CON ESCOBILLAS DE METAL

## EASY SET UPGRADE CARTON

Nuestras escobillas en diseño plano mejoradas gracias a su rendimiento aerodinámico de barrido proporcionan una distribución uniforme de la fuerza de limpieza en el parabrisas, incluso cuando se conduce a alta velocidad.

De este modo, el conductor cuenta siempre con una visión clara hacia delante, haga el tiempo que haga. La sustitución de las escobillas estándar es rápida y sencilla con nuestro sistema "click and fit".

## PROPIEDADES

### TENDENCIAS TECNOLÓGICAS



→ Escobilla plana para equipar la mayoría de los coches nuevos → coches más antiguos que utilizan la tecnología metálica estándar

### RETOS



→ Los conductores quieren cambiar a la última tecnología  
→ Escobillas embaladas individualmente: un reto para los usuarios finales y los mecánicos a la hora de identificar la pieza correcta

### SOLUCIÓN HELLA



→ Fácil actualización para los vehículos equipados originalmente con escobillas metálicas estándar  
→ Rendimiento de escobilla plana para todos: fácil de instalar  
→ 15 juegos de 2 escobillas

## VENTAJAS



NANO-COATED RUBBER



OE-LIKE DESIGN



AERODYNAMIC PERFORMANCE



EASY TO FIT



MULTI-CLIP-SYSTEM

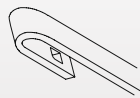


# ADAPTADORES Y TIPOS DE BRAZOS

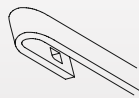
## ADAPTADORES

## GANCHOS

E3



**HOOK**  
9 mm x 3 mm



**HOOK**  
9 mm x 4 mm

## CÓDIGOS CORTOS

CÓDIGO CORTO	HELLA P/N	LONGITUD	ADAPTADORES
SetUP4545	9XW 358 164-171	450 mm/450 mm	E3
SetUP4848	9XW 358 164-181	475 mm/475 mm	E3
SetUP5045	9XW 358 164-191	500 mm/450 mm	E3
SetUP5050	9XW 358 164-201	500 mm/500 mm	E3
SetUP5345	9XW 358 164-211	525 mm/450 mm	E3
SetUP5348	9XW 358 164-221	525 mm/475 mm	E3
SetUP5353	9XW 358 164-231	525 mm/525 mm	E3
SetUP5540	9XW 358 164-241	550 mm/400 mm	E3
SetUP5548	9XW 358 164-251	550 mm/475 mm	E3
SetUP5550	9XW 358 164-261	550 mm/500 mm	E3
SetUP5553	9XW 358 164-271	550 mm/525 mm	E3
SetUP6040	9XW 358 164-281	600 mm/400 mm	E3
SetUP6045	9XW 358 164-291	600 mm/450 mm	E3
SetUP6053	9XW 358 164-301	600 mm/525 mm	E3
SetUP6540	9XW 358 164-311	650 mm/400 mm	E3

# REAR PLASTIC

MÁS FLEXIBILIDAD PARA EL DISEÑO ESPECÍFICO DE LA ESCOBILLA TRASERA SIMILAR A OE

## REAR PLASTIC BLISTER PACK

Para una visibilidad óptima a través de la luneta trasera: Las escobillas traseras planas de plástico HELLA son la solución ideal para numerosos vehículos y cubren hasta el 20 % del parque de vehículos. El nanorrecubrimiento especial no solo garantiza un resultado de barrido óptimo y sin rayas incluso en condiciones adversas, sino también una vida útil muy larga.

El material especialmente desarrollado y ligero es excepcionalmente robusto y resistente. El moderno diseño de barra plana aerodinámica está inspirado en las escobillas originales. Gracias al innovador sistema multiadaptador, las escobillas se pueden utilizar de forma universal en muchos vehículos y, gracias a Easy-Fit, se pueden montar en tan solo unos sencillos pasos.



## PROPIEDADES



## VENTAJAS



EASY TO FIT



MULTI-CLIP-SYSTEM



EXTENDED COVERAGE



# ADAPTADORES Y TIPOS DE BRAZOS

	ADAPTADORES	GANCHOS		ADAPTADORES	GANCHOS
5A		 ROCK LOCK 2	5D		 SNAP CLAW L
5B		 ROCK LOCK 3	5E		 SNAP CLAW H
5C		 SLIDE PINCH			



## CÓDIGOS CORTOS

CÓDIGO CORTO	HELLA P/N	LONGITUD	ADAPTADORES	APLICACIONES
RP10	9XW 358 182-101	250 mm	5A, 5B	Mini, Toyota
RP11	9XW 358 112-911	275 mm	5A, 5B	Hyundai, Kia
RP12	9XW 358 112-921	300 mm	5A, 5B, 5E	BMW, Citroën, Dacia
RP14	9XW 358 112-931	350 mm	5A, 5B, 5C, 5D	Hyundai, Nissan, Renault
RP16	9XW 358 112-941	400 mm	5A, 5B, 5E	Honda, Subaru, Toyota

# REAR FLAT

MÁS FLEXIBILIDAD PARA UN DISEÑO PLANO SIMILAR A  
OE ESPECÍFICO DE LA ESCOBILLA TRASERA

## REAR FLAT BLISTER PACK

Tecnología punta para la luneta trasera: gracias a su nanorrecubrimiento, las escobillas planas traseras de HELLA garantizan resultados de limpieza extraordinarios con lluvia, nieve y agua pulverizada, y todo ello con un desgaste extremadamente bajo. Las escobillas extremadamente planas y aerodinámicas se

basan en el diseño de los limpiaparabrisas modernos de equipamiento original, por lo que dibujan una fina figura en la parte trasera de cualquier vehículo. Gracias al sistema Easychange con adaptadores modulares, las escobillas pueden montarse en pocos pasos y utilizarse en numerosos vehículos diferentes.



## PROPIEDADES

### TENDENCIAS TECNOLÓGICAS



- Escobilla trasera de plástico en hasta el 20 % del stock de vehículos
- Diseño elegante
- Específico del vehículo

### RETOS



- Muchas conexiones y longitudes: complejidad
- Gran cantidad de números de artículo necesarios para la cobertura
- A menudo se olvida: oportunidad perdida

### SOLUCIÓN HELLA



- Gama reducida de escobillas traseras planas
- Multiadaptadores
- Reducción del inventario: gran cobertura

## VENTAJAS



EASY TO FIT



MULTI-CLIP-SYSTEM



EXTENDED COVERAGE

# ADAPTADORES Y TIPOS DE BRAZOS

	ADAPTADORES	GANCHOS		ADAPTADORES	GANCHOS
7A		 U-CLIP	7E		 TOP BUTTON
7B		 DOUBLE POST	7I		 SLIDER
7C		 PINCH TAB	7J		 CLIP
7D		 SLIDER			

## CÓDIGOS CORTOS

CÓDIGO CORTO	HELLA P/N	LONGITUD	ADAPTADORES	APLICACIONES
RF10	9XW 358 179-101	250 mm	7A, 7C, 7E	Mini, MB A-Class, Clio IV
RF11	9XW 358 179-111	275 mm	7A, 7C, 7D, 7E	BMW 3-Series, Golf VI & VII
RF13	9XW 358 179-131	325 mm	7A, 7C, 7D, 7E, 7J	Audi A3 & A4, BMW X3, VW Golf V
RF14	9XW 358 179-141	350 mm	7A, 7B, 7I	BMW X5, Volvo's
RF15	9XW 358 179-151	375 mm	7A, 7C, 7D, 7J	BMW X5, Ford Edge, MB Vito
RF16	9XW 358 179-161	400 mm	7A, 7D, 7E, 7J	Audi Q3 & Q7, Skoda's, VW Touran
RF17	9XW 358 179-171	425 mm	7A, 7C	MB Sprinter, VW Crafter
RF18	9XW 358 179-181	450 mm	7A, 7D	VW Multivan, Transporter



# HYBRID

MÁS FLEXIBILIDAD PARA UN DISEÑO ELEGANTE SIMILAR A OE

## HYBRID CARTON

La tecnología híbrida integra las mejores características de diseño de un marco convencional con un diseño de escobilla plana que proporciona un mayor rendimiento de limpieza y, por lo tanto, aumenta la seguridad de conducción en todas las

condiciones meteorológicas. Cambio rápido y sencillo de las escobillas usadas gracias a los adaptadores del sistema Easy-Fit, muy popular en las marcas de vehículos asiáticos.

## CARACTERÍSTICAS

### TENDENCIAS TECNOLÓGICAS



- Muy frecuentes en los coches asiáticos, Hyundai, Kia, Nissan, Honda pero también en BMW y Mini
- Diseño elegante

### RETOS



- Mantener el diseño de OE

### SOLUCIÓN HELLA



- El mismo diseño
- Gama completa
- Fácil de instalar

## VENTAJAS



ALL-WEATHER SAFETY



LASTING PERFORMANCE



OE-LIKE DESIGN

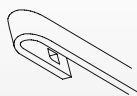


# ADAPTADORES Y TIPOS DE BRAZOS

## ADAPTADORES

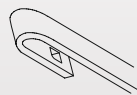
## GANCHOS

V11



**HOOK**  
9 mm x 3 mm

T10 +



**HOOK**  
9 mm x 4 mm

## CÓDIGOS CORTOS

CÓDIGO CORTO	HELLA P/N	LONGITUD	ADAPTADORES
H35	9XW 204 584-141	350 mm	V11, T10
H40	9XW 204 584-161	400 mm	V11, T10
H43	9XW 204 584-171	425 mm	V11, T10
H45	9XW 204 584-181	450 mm	V11, T10
H48	9XW 204 584-191	475 mm	V11, T10
H50	9XW 204 584-201	500 mm	V11, T10
H53	9XW 204 584-211	525 mm	V11, T10
H55	9XW 204 584-221	550 mm	V11, T10
H60	9XW 204 584-241	600 mm	V11, T10
H65	9XW 204 584-261	650 mm	V11, T10
H70	9XW 204 584-281	700 mm	V11, T10



# HEAVY DUTY

MÁS FLEXIBILIDAD PARA UN RENDIMIENTO MÁS DURADERO

## HEAVY DUTY CARTON

Las escobillas HELLA Heavy Duty desafían incluso las condiciones más adversas y las cargas pesadas cuando se utilizan continuamente todos los días en la carretera o en la agricultura, y garantizan una visión clara en cualquier situación de forma fiable. Nada puede sacudir los limpiaparabrisas fácilmente, gracias al robusto marco de acero de alta calidad.

El compuesto de caucho reforzado de alta resistencia garantiza una larga durabilidad y óptimos resultados de limpieza incluso en las condiciones ambientales más duras, características importantes sobre todo para los vehículos agrícolas. También está disponible con una boquilla de pulverización integrada para una experiencia de barrido aún mejor.

## CARACTERÍSTICAS

### TENDENCIAS TECNOLÓGICAS



- Rendimiento profesional
- Aumento de tamaños
- Específico para determinadas aplicaciones: barras de rociado

### RETOS



- Costes totales
- Gama adecuada para cubrir los vehículos más modernos

### SOLUCIÓN HELLA



- Gama completa
- Juegos con rampa surtidora de agua para aplicaciones específicas

## VENTAJAS



LASTING PERFORMANCE



HIGH QUALITY STEEL FRAME



SPRAY BAR INCLUDED

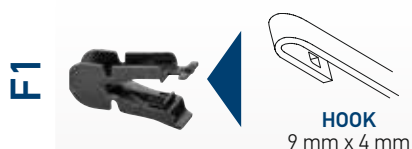


# ADAPTADORES Y TIPOS DE BRAZOS

## ADAPTADORES GANCHOS



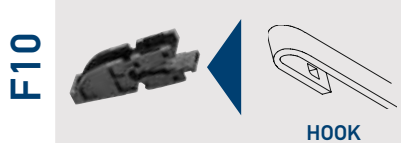
## ADAPTADORES GANCHOS



## ADAPTADORES GANCHOS



## ADAPTADORES GANCHOS



## CÓDIGOS CORTOS

CÓDIGO CORTO	HELLA P/N	LONGITUD	ADAPTADORES	SPRAY BAR
HD50	9XW 184 107-201	500 mm	E3, B, A2-1, TR9	
HD55	9XW 184 107-221	550 mm	E3, B, A2-1, F1, TR4, T5	
HD60A	9XW 206 480-801	600 mm/600 mm	F1	✓
HD60B	9XW 206 480-811	600 mm/600 mm	F1	✓
HD60C	9XW 184 107-241	600 mm	F5, F10, T8-1, T9	
HD65A	9XW 206 480-831	650 mm/650 mm	F1	✓
HD65B	9XW 184 107-261	650 mm	F5, F10, T8-1	
HD65C -(New)	9XW 184 107-262	650 mm	F12	
HD65D	9XW 206 480-821	650 mm/550 mm	F1	✓
HD70A	9XW 184 107-281	700 mm	F5, F10, T8-1, G1, F9	
HD70B (New)	9XW 206 480-841	700 mm	F5	✓
HD80	9XW 184 107-321	800 mm	M, M1, M7, M8	
HD90A	9XW 184 107-361	900 mm	M2, M3, M6	
HD90B	9XW 194 562-361	900 mm	F7	
HD100A	9XW 184 107-401	1000 mm	M2, M3, M6	
HD100B	9XW 194 562-401	1000 mm	F7	
<b>AGRO</b>				
WA16	9XW 204 163-161	400 mm	E3, TR9	
WA18	9XW 204 163-181	450 mm	E3, TR9	
WA20	9XW 204 163-201	500 mm	E3, TR9	
WA22	9XW 204 163-221	550 mm	E3, TR9	
WA24	9XW 204 163-241	600 mm	E3, TR9	





















# APLICACIONES PARA TURISMO













# APLICACIONES PARA AUTOMÓVILES








FOR/FÜR 		METAL			SMARTTECH		
							
<b>AUDI</b>							
A1 (8X1)	05.10→				ST60	ST38	6
A1 Sportback (8XA)	09.11→				ST60	ST38	6
A2 (8Z0)	09.99→06.01	WP70	WP70		ST70	ST70	1
A2 (8Z0)	07.01→08.05						2
A3 (8L1)	09.96→06.03	WP53	WP48	WP35	ST53	ST48	1
A3 (8L1)	09.96→06.03	WP53	WP48		ST53	ST48	1
A3 (8P1)	05.03→03.13				ST60	ST48	1
A3 (8P1)	05.03→11.04				ST60	ST48	2
A3 (8P1)	12.04→03.13				ST60	ST48	4
A3 (8V1)	04.12→				ST65	ST45	6
A3 Cabriolet (8P7)	04.08→05.13				ST60	ST45	4
A3 Cabriolet (8V7)	10.13→				ST65	ST45	6
A3 Limousine (8VS)	05.13→				ST65	ST45	6
A3 Sportback (8PA)	09.04→03.13				ST60	ST48	1
A3 Sportback (8PA)	09.04→11.04				ST60	ST48	2
A3 Sportback (8PA)	12.04→03.13				ST60	ST48	4
A3 Sportback (8VA)	09.12→				ST65	ST45	6
A4 (8D2, B5)	11.94→09.01	WP53	WP53		ST53	ST53	1
A4 (8D2, B5)	08.98→09.01	WP53	WP53		ST53	ST53	1
A4 (8E2, B6)	10.00→03.01	WP53	WP53		ST53	ST53	1
A4 (8E2, B6)	11.03→12.04				ST55	ST55	
A4 (8EC, B7)	11.04→06.08				ST55	ST55	
A4 (8K2, B8)	11.07→12.15				ST60	ST50	6
A4 (8W2, B9)	05.15→				ST60	ST50	6
A4 Allroad (8KH)	04.09→04.16				ST60	ST50	6
A4 Allroad (8WH)	01.16→				ST60	ST50	6
A4 Avant (8D5, B5)	11.94→09.01	WP53	WP53	WP35	ST53	ST53	1
A4 Avant (8D5, B5)	08.98→09.01	WP53	WP53		ST53	ST53	1
A4 Avant (8E5, B6)	11.03→12.04						

EASY SET OE & UP			REAR FLAT REAR PLASTIC		HYBRID	
						
			RF15	7J		
			RF11	7A+7E		
SetUP5348	E3	12				
SetUP5348	E3	12				
SetOE6048	3B-2	41				
SetOE6048	3D-2	26				
SetOE6545	3H-2	27	RF13	7J		
SetOE6545	3H-2	27				
SetOE6545	3H-2	27				
SetOE6048	3B-2	41				
SetOE6048	3D-2	26				
SetOE6545	3H-2	27	RF13	7J		
SetUP5353	E3	12				
SetUP5353	E3	12				
SetUP5353	E3	12				
SetOE5555	3C	19				
SetOE5555	3C	19				
SetOE6050	3H-2	27				
SetOE6050	3H-2	27				
SetOE6050	3H-2	27	RF16	7J		
SetOE6050	3H-2	27	RF15	7J		
SetUP5353	E3	12				
SetUP5353	E3	12				









# APLICACIONES PARA AUTOMÓVILES








FOR/FÜR 	 31	METAL			SMARTTECH		
							
A4 Avant (8ED, B7)	11.04→06.08				ST55	ST55	
A4 Avant (8K5, B8)	11.07→12.15				ST60	ST50	6
A4 Avant (8W5, B9)	05.15→				ST60	ST50	6
A4 Cabriolet (8H7, B6)	12.03→06.06				ST55	ST55	
A4 Cabriolet (8HE, B7)	11.05→03.09				ST55	ST55	
A5 Cabriolet (8F7)	03.09→01.17				ST60	ST53	6
A5 Cabriolet (F57)	09.16→				ST60	ST53	6
A5 Coupé (8T3)	06.07→10.07				ST60	ST50	3
A5 Coupé (8T3)	11.07→01.17				ST60	ST50	6
A5 Coupé (F53)	06.16→				ST60	ST50	6
A5 Sportback (8TA)	05.09→01.17				ST60	ST50	6
A5 Sportback (F5A)	06.16→				ST60	ST50	6
A6 (4A2, C4)	06.94→10.97	WP55	WP53		ST55	ST53	1
A6 (4B2, C5)	04.97→05.01	WP55	WP50		ST55	ST50	1
A6 (4B2, C5)	06.01→05.04				ST55	ST55	
A6 (4F2, C6)	04.04→09.11				ST55	ST55	5
A6 (4G2, C7)	11.10→				ST65	ST53	6
A6 Avant (4A5, C4)	06.94→10.97	WP55	WP53	WP45	ST55	ST53	1
A6 Avant (4B5, C5)	04.97→05.01	WP55	WP50	WP35	ST55	ST50	1
A6 Avant (4B5, C5)	06.01→01.05				ST55	ST55	
A6 Avant (4F5, C6)	03.05→08.11				ST55	ST55	5
A6 Avant (4G5, C7)	05.11→				ST65	ST53	6
A6 Avant Allroad (4BH, C5)	05.00→12.00	WP55	WP53	WP35	ST55	ST53	1
A6 Avant Allroad (4BH, C5)	01.01→08.05				ST55	ST55	
A6 Avant Allroad (4FH, C6)	05.06→08.11				ST55	ST55	5
A6 Avant Allroad (4GH, C7)	01.12→				ST65	ST53	6
A7 Sportback (4GA)	07.10→				ST65	ST53	6
A8 (4D2, D2)	06.94→09.02	WP55	WP50		ST55	ST50	1
A8 (4E, D3)	11.02→07.10				ST60	ST60	
A8 (4H, D4)	11.09→				ST70	ST50	6










EASY SET OE & UP			REAR FLAT REAR PLASTIC		HYBRID	
						
SetOE5555	3C	19				
SetOE6050	3H-2	27	RF16	7J		
SetOE6050	3H-2	27				
SetOE5555	3C	19				
SetOE5555	3C	19				
SetOE6053	3H-2	27				
SetOE6053	3H-2	27				
SetOE6050	3H-2	28				
SetOE6050	3H-2	27				
SetOE6050	3H-2	27				
SetOE6050	3H-2	27				
SetOE6050	3H-2	27				
SetOE6050	3H-2	27				
SetUP5553	E3	12				
SetUP5550	E3	12				
SetOE5555	3C	19				
SetOE5555	3F	30				
SetUP5553	E3	12				
SetUP5550	E3	12				
SetOE5555	3C	19				
SetOE5555	3F	30				
			RF16	7J		
SetUP5553	E3	12				
SetOE5555	3C	19				
SetOE5555	3F	30				
			RF16	7J		
SetUP5550	E3	12				

# APLICACIONES PARA AUTOMÓVILES








FOR/FÜR 	 31	METAL			SMARTTECH		
							
Cabriolet (8G7, B4)	06.91→08.00	WP55	WP53		ST55	ST53	1
Q2 (GAB)	06.16→				ST60	ST48	6
Q3 (8UB)	06.11→				ST60	ST53	6
Q5 (8RB)	11.08→04.16				ST60	ST50	6
Q5 (FYB)	05.16→				ST60	ST50	6
Q7 (4LB)	03.06→08.15				ST65	ST60	4
Q7 (4MB)	01.15→				ST70	ST50	6
R8 (422, 423)	04.07→				ST55	ST60	5
TT Coupé (8N3)	07.98→04.03	WP55	WP53		ST55	ST53	1
TT Coupé (8N3)	05.03→06.06				ST53	ST53	2
TT Coupé (8J3)	07.06→08.15				ST55	ST53	4
TT Coupé (FV3)	07.14→				ST60	ST53	6
TT Roadster (8N9)	03.99→04.03	WP55	WP53		ST55	ST53	1
TT Roadster (8N9)	05.03→06.06				ST53	ST53	2
TT Roadster (8J9)	02.07→06.14				ST55	ST53	4
TT Roadster (FV3)	11.14→				ST60	ST53	6
TT RS Coupé (8J3)	07.09→06.14				ST55	ST53	4
TT RS Coupé (FV3)	05.16→				ST60	ST53	6
TT RS Roadster (8J9)	07.09→06.14				ST55	ST53	4
TT RS Roadster (FV9)	05.16→				ST60	ST53	6
TTS Coupé (8J3)	05.08→08.15				ST55	ST53	4
TTS Coupé (FV3)	11.14→				ST60	ST53	6
TTS Roadster (8J9)	05.08→06.14				ST55	ST53	4
TTS Roadster (FV)	02.15→				ST60	ST53	6
<b>BMW</b>							
1-Series (E81, E87)	09.04→12.11				ST50	ST50	4
1-Series (F20, F21)	09.11→				ST55	ST45	4
1-Series Cabrio (E88)	03.08→10.13				ST50	ST50	4
1-Series Coupé (E82)	10.07→10.13				ST50	ST50	4
2-Series Active Tourer (F45)	09.14→				ST65	ST48	3

EASY SET OE & UP			REAR FLAT REAR PLASTIC		HYBRID	
						
SetUP5553	E3	12				
SetOE6048	3H-2	27	RF13	7J		
SetOE6053	3H-2	27	RF16	7J		
SetOE6050	3H-2	27	RF13	7J		
SetOE6050	3H-2	27	RF15	7J		
			RF15	7J		
SetUP5553	E3	12				
SetOE5353	3B-2	41				
SetOE5555	3D-2	26				
SetOE6053	3H-2	27				
SetUP5553	E3	12				
SetOE5353	3B-2	41				
SetOE5555	3D-2	26				
SetOE6053	3H-2	27				
SetOE5555	3D-2	26				
SetOE6053	3H-2	27				
SetOE5555	3D-2	26				
SetOE6053	3H-2	27				
SetOE5555	3D-2	26				
SetOE6053	3H-2	27				
SetOE5555	3D-2	26				
SetOE6053	3H-2	27				
			RF11	7A+7C		
SetOE5545	3D-2	26	RP12	5B		
SetOE6548	3H-2	28	RP12	5B		


# APLICACIONES PARA AUTOMÓVILES








FOR/FÜR 	 31	METAL			SMARTTECH		
							
2-Series Cabrio (F23)	09.14→				ST55	ST45	4
2-Series Coupé (F22)	09.13→				ST55	ST45	4
2-Series Gran Tourer (F46)	06.15→				ST65	ST48	3
3-Series (E36)	09.90→12.98	WP53	WP50		ST53	ST50	1
3-Series (E46)	04.98→04.05	WP60	WP48		ST60	ST48	1
3-Series (E90)	03.05→08.09				ST60	ST48	2
3-Series (E90)	09.09→08.13				ST60	ST48	4
3-Series (F30)	02.12→				ST60	ST48	4
3-Series Cabrio (E36)	03.93→12.99	WP53	WP50		ST53	ST50	1
3-Series Cabrio (E46)	03.00→08.06	WP60	WP48		ST60	ST48	1
3-Series Cabrio (E93)	09.06→08.09				ST60	ST40	2
3-Series Cabrio (E93)	09.09→10.13				ST60	ST40	4
3-Series Compact (E36)	03.94→09.00	WP50	WP50	WP45	ST50	ST50	1
3-Series Compact (E46)	06.01→12.04	WP60	WP48	WP45	ST60	ST48	1
3-Series Coupé (E36)	03.91→12.99	WP53	WP50		ST53	ST50	1
3-Series Coupé (E46)	04.98→05.06	WP60	WP48		ST60	ST48	1
3-Series Coupé (E92)	09.06→08.09				ST60	ST40	2
3-Series Coupé (E92)	09.09→08.13				ST60	ST40	4
3-Series GT (F34)	06.13→				ST60	ST48	4
3-Series Touring (E36)	03.95→12.99	WP53	WP50	WP35	ST53	ST50	1
3-Series Touring (E46)	10.98→09.05	WP60	WP48		ST60	ST48	1
3-Series Touring (E91)	09.05→08.09				ST60	ST48	2
3-Series Touring (E91)	09.09→05.13				ST60	ST48	4
3-Series Touring (F31)	09.12→				ST60	ST48	4
3-Series Touring (F31)	09.12→				ST60	ST48	4
4-Series Cabrio (F33)	03.14→				ST60	ST45	4
4-Series Coupé (F32)	09.13→				ST60	ST45	4
4-Series GC (F36)	05.14→				ST60	ST45	4
5-Series (E60)	07.03→02.10				ST60	ST55	1
5-Series (F10)	03.10→10.16				ST65	ST45	2











EASY SET OE & UP			REAR FLAT REAR PLASTIC		HYBRID	
						
SetOE5545	3D-2	26				
SetOE5545	3D-2	26				
SetOE6548	3H-2	28	RF11	7A+7E		
SetUP5348	E3	12				
SetUP6045	E3	12				
SetOE6048	3B-2	41				
SetOE6048	3D-2	26				
SetOE6048	3D-2	26				
SetUP5348	E3	12				
SetUP6045	E3	12				
SetUP5050	E3	12				
SetUP6045	E3	12				
SetUP5348	E3	12				
SetUP6045	E3	12				
SetOE6048	3D-2	26				
SetUP5348	E3	12				
SetUP6045	E3	12				
SetOE6048	3B-2	41	RF14	7B		
SetOE6048	3D-2	26	RF14	7B		
SetOE6048	3D-2	26	RF11	7A+7D		
SetOE6048	3D-2	26				
SetOE6545	3B-2	41				

# APLICACIONES PARA AUTOMÓVILES








FOR/FÜR 	 31	METAL			SMARTTECH		
							
5-Series (G30)	02.17→				ST65	ST48	3
5-Series GT (F07)	09.09→				ST65	ST48	2
5-Series Touring (E34)	11.91→12.96	WP60	WP60		ST60	ST60	1
5-Series Touring (E61)	05.04→08.10				ST60	ST55	1
5-Series Touring (F11)	09.10→				ST65	ST45	2
5-Series Touring (G31)	06.17→				ST65	ST48	3
6-Series (E63)	01.04→07.10				ST60	ST55	1
6-Series (F13)	10.11→				ST65	ST40	2
6-Series Cabrio (E64)	04.04→07.10				ST60	ST55	1
6-Series Cabrio (F12)	03.11→				ST65	ST40	2
6-Series GC (F06)	05.12→				ST65	ST40	2
6-Series Gran Turismo (G32)	10.17→				ST65	ST45	6
7-Series (E38)	06.94→12.01	WP60	WP60		ST60	ST60	1
7-Series (E65, E66)	11.01→10.08	WP60	WP60		ST60	ST60	1
7-Series (F01, F02, F04)	11.08→				ST65	ST48	2
7-Series (G11, G12)	09.15→				ST65	ST48	3
i3 (I01)	11.13→					ST53	2
i8 (I12)	06.14→					ST60	2
M3 (F80)	06.14→				ST60	ST48	4
M4 (F82)	06.14→				ST60	ST45	4
X1 (E84)	10.09→06.15				ST60	ST45	4
X1 (F48)	10.15→				ST65	ST40	6
X2 (F39)	01.18→				ST60	ST50	1
X3 (E83)	01.04→08.10	WP55	WP50		ST55	ST50	1
X3 (F25)	10.10→08.17				ST65	ST50	2
X3 (G01)	11.17→				ST65	ST50	
X4 (F26)	06.14→				ST65	ST50	2
X4 (G02)	06.18→				ST65	ST50	
X5 (E53)	03.99→06.02	WP60	WP53		ST60	ST53	1
X5 (E53)	07.02→10.06	WP60	WP53	WP43	ST60	ST53	1

EASY SET OE & UP			REAR FLAT REAR PLASTIC		HYBRID	
						
SetOE6548	3H-2	28				
SetOE6548	3B-2	41				
SetOE6545	3B-2	41	RF14	7A		
SetOE6548	3H-2	28	RF14	7A		
SetOE6540	3B-2	41				
SetOE6540	3B-2	41				
SetOE6540	3B-2	41				
SetOE6545	3H-2	27				
SetOE6548	3B-2	41				
SetOE6548	3H-2	28				
			RP12	5E		
SetOE6048	3D-2	26				
			RF13	7A+7C		
SetOE6540	3H-2	27	RF13	7J		
SetUP5550	E3	12				
SetOE6548	3B-2	41	RF13	7A+7D		
SetOE6548	3B-2	41				
SetUP6053	E3	12				
SetUP6053	E3	12				









# APLICACIONES PARA AUTOMÓVILES








FOR/FÜR 	 31	METAL			SMARTTECH		
							
X5 (E70)	11.06→06.13				ST60	ST48	6
X5 (E70)	11.06→09.11				ST60	ST50	2
X5 (E70)	10.11→06.13				ST60	ST50	3
X5 (F15, F85)	11.13→18	WP60	WP50		ST60	ST50	1
X6 (E71, E72)	03.08→09.11				ST60	ST50	2
X6 (E71, E72)	03.08→06.14				ST60	ST48	6
X6 (E71)	10.11→06.14				ST60	ST50	3
X6 (F16, F86)	11.14→	WP60	WP50		ST60	ST50	1
Z3 (E36/7)	03.95→09.02	WP50	WP50		ST50	ST50	1
Z3 Coupé (E36/8)	09.97→06.02	WP50	WP50	WP28	ST50	ST50	1
Z4 (E85)	10.02→07.07	WP53	WP50		ST53	ST50	1
Z4 (E89)	04.09→08.16	WP53	WP53		ST53	ST53	1
Z4 Coupé (E86)	03.06→07.07	WP53	WP50		ST53	ST50	1
CITROEN							
Berlingo (M49)	07.96→11.02	WP55	WP53	WP40	ST55	ST53	1
Berlingo (M59)	11.02→10.11	WP55	WP53		ST55	ST53	1
Berlingo (B9)	05.08→				ST65	ST40	3
C 15	07.87→12.05	WP45	WP45	WP40	ST45	ST45	1
C1 I (B0)	06.05→12.14	WP65			ST65		1
C1 II (B4)	02.14→				ST65		4
C2 (A6)	09.03→12.09	WP60	WP45		ST60	ST45	1
C3 Aircross (A88)	06.17→				ST65	ST40	6
C3 I (A8,A31)	01.02→12.09	WP60	WP45		ST60	ST45	1
C3 II (A51)	09.09→12.16				ST65	ST40	5
C3 III (B618)	07.16→				ST65	ST40	3
C3 Picasso (A58)	02.09→03.10				ST60	ST40	3
C3 Picasso (A58)	04.10→08.17				ST60	ST40	5
C3-Pluriel (A42)	05.03→10.12	WP55	WP45		ST55	ST45	1
C4 Aircross	03.12→	WP60	WP53		ST60	ST53	1
C4 Cactus (E3)	02.14→				ST65	ST40	5











EASY SET OE & UP			REAR FLAT REAR PLASTIC		HYBRID	
						
SetOE6048	3B-2, 3H-2	27	RF15	7A		
SetOE6050	3B-2	41				
SetOE6050	3H-2	28				
			RP12	5B	H60	H50
SetOE6050	3B-2	41				
SetOE6048	3B-2, 3H-2	27				
SetOE6050	3H-2	28				
					H60	H50
SetUP5050	E3	12				
SetUP5050	E3	12				
SetUP5348	E3	12				
SetUP5353	E3	12				
SetUP5348	E3	12				
SetUP5553	E3	12				
SetUP5553	E3	12				
SetOE6540	3H-2	28	RP14	5D		
SetUP4545	E3	12				
			RP12	5A		
SetUP6045	E3	12	RP12	5E		
SetOE6540	3H-2	27				
SetUP6045	E3	12	RP14	5D		
SetOE6540	3F	1				
SetOE6540	3H-2	28	RP12	5E		
SetOE6040	3H-2	28	RP12	5E		
SetOE6040	3F	1	RP12	5E		
SetUP5345	E3	12				
SetUP6053	E3	12	RP10	5B	H60	H53
SetOE6540	3F	1				

# APLICACIONES PARA AUTOMÓVILES








FOR/FÜR 	 31	METAL			SMARTTECH		
							
C4 Coupé (B5)	11.04→07.10				ST70	ST60	4
C4 I (B5)	11.04→09.10				ST70	ST60	4
C4 II (B71)	09.10→					ST65	3
C4 L	12.11→					ST65	3
C4 Picasso I (B58)	02.07→03.08						2
C4 Picasso I (B58)	04.08→12.13						5
C4 Picasso II (B78)	02.13→07.16						3
C4 Picasso II (B78)	08.16→					ST70	3
C4 Sedan (B5)	07.06→11.12				ST70	ST60	4
C4 Spacetourer	04.18→					ST70	3
C5 (X4)	03.01→11.03	WP65	WP45		ST65	ST45	1
C5 (X4)	12.03→09.04				ST65	ST45	2
C5 (X3)	10.04→03.08				ST65	ST45	2
C5 (X7)	04.08→06.17				ST70	ST55	4
C5 Break (X4)	06.01→11.03	WP65	WP45		ST65	ST45	1
C5 Break (X4)	12.03→09.04				ST65	ST45	2
C5 Break (X3)	10.04→03.08				ST65	ST45	2
C5 Tourer (X7)	04.08→08.17				ST70	ST55	4
C6 (X6)	11.05→12.12				ST70	ST70	2
C8 (V3)	06.02→07.05	WP65	WP65		ST65	ST65	1
C8 (V3)	08.05→07.14	WP65	WP65		ST65	ST65	1
C-Crosser (I4)	09.07→01.13	WP60	WP53		ST60	ST53	1
C-Elysée	09.12→				ST60	ST40	5
C-Zero	10.10→	WP70			ST70		1
DS3 (A55)	11.09→04.15				ST60	ST40	5
DS3 Cabrio (A56)	07.12→04.15				ST60	ST40	5
DS4 (B75)	03.11→09.15					ST65	3
DS5 (B81)	09.11→04.15					ST65	3
Evasion (U60)	06.94→07.02	WP65	WP50	WP40	ST65	ST50	1
Grand C4 Picasso I (B58)	10.06→03.08						2

EASY SET OE & UP			REAR FLAT REAR PLASTIC		HYBRID	
						
			RP12	5E		
			RP12	5E		
SetOE6545	3B-2	41	RP12	5E		
SetOE6545	3B-2	41	RF16	7A		
SetOE6545	3B-2	41				
SetOE6545	3B-2	41	RP12	5E		
			RF10	7A		
SetOE7070	3B-2	41				
			RP14	5D		
			RP14	5D		
SetUP6053	E3	12	RP12	5B	H60	H53
SetOE6040	3F	1				
			RP12	5B	H70	
SetOE6040	3F	1	RP12	5E		
SetOE6040	3F	1				









# APLICACIONES PARA AUTOMÓVILES








FOR/FÜR 	 31	METAL			SMARTTECH		
							
Grand C4 Picasso I (B58)	04.08→12.13						5
Grand C4 Picasso II (B78)	02.13→07.16						3
Grand C4 Picasso II (B78)	08.16→					ST70	3
Grand C4 Spacetourer	04.18→					ST70	3
Jumper (U5,23)	02.94→05.06	WP55	WP53		ST55	ST53	1
Jumper (U9)	06.06→				ST65	ST55	3
Jumpy (U64)	10.95→01.07	WP65	WP50		ST65	ST50	1
Jumpy (G9)	02.07→	WP65	WP50		ST65	ST50	1
Jumpy (K0)	03.16→				ST65	ST50	5
Nemo (A9)	02.08→				ST65	ST48	5
Saxo (S8)	02.96→09.99	WP50	WP45	WP40	ST50	ST45	1
Saxo (S8)	10.99→09.03	WP50	WP45		ST50	ST45	1
SpaceTourer (K0)	03.16→				ST65	ST50	5
Xantia (X1)	03.93→12.98	WP60	WP50	WP45	ST60	ST50	1
Xantia (X2)	10.97→12.01	WP60	WP50	WP45	ST60	ST50	1
Xantia Break (X1)	09.95→01.98	WP60	WP50	WP45	ST60	ST50	1
Xantia Break (X2)	12.97→11.99	WP60	WP50	WP40	ST60	ST50	1
Xantia Break (X2)	12.99→12.01	WP60	WP50		ST60	ST50	1
XM (Y3,Y4)	05.89→10.00	WP55	WP53	WP40	ST55	ST53	1
Xsara (N6,N7)	07.97→12.05	WP55	WP50	WP45	ST55	ST50	1
Xsara Break (N6,N7)	10.97→03.10	WP55	WP50		ST55	ST50	1
Xsara Coupé (N6,N7)	07.97→12.05	WP55	WP50	WP45	ST55	ST50	1
Xsara Picasso (N68)	01.00→09.05	WP65	WP65		ST65	ST65	1
Xsara Picasso (N68)	10.05→04.10				ST65	ST65	2
ZX (N20/N21)	03.91→02.98	WP55	WP55	WP45	ST55	ST55	1
<b>DACIA</b>							
Dokker (FE/KE)	07.12→05.15	WP55	WP40		ST55	ST40	1
Dokker (FE/KE)	06.15→				ST55	ST40	1
Duster (HS)	10.09→05.12	WP50	WP50		ST50	ST50	1
Duster (HS)	06.12→11.14	WP50	WP50		ST50	ST50	1











EASY SET OE & UP			REAR FLAT REAR PLASTIC		HYBRID	
						
SetUP5553	E3	12				
SetOE6555	3H-2	28				
			RP14	5D		
SetOE6548	3F	1	RP12	5E		
SetOE6548	3F	1				
SetUP5045	E3	12				
SetUP5045	E3	12	RP14	5D		
SetOE6548	3F	1	RP12	5E		
			RP14	5D		
SetUP5553	E3	12				
SetUP5550	E3	12				
SetUP5550	E3	12				
SetUP5550	E3	12				
SetOE6565	3B-2	41				
SetUP5550	E3	12				
SetUP5540	E3	12				
SetUP5050	E3	12				
SetUP5050	E3	12	RP14	5D		

# APLICACIONES PARA AUTOMÓVILES








FOR/FÜR 	 31	METAL			SMARTTECH		
							
Duster (HS)	10.14→11.16	WP60	WP45		ST60	ST45	1
Duster (HS)	12.16→05.18				ST60	ST45	1
Duster (HM)	01.18→				ST55	ST48	5
Lodgy	03.12→04.15	WP55	WP40		ST55	ST40	1
Lodgy	05.15→				ST55	ST40	1
Logan I (LS)	07.04→12.15	WP50	WP50		ST50	ST50	1
Logan II (L8)	08.12→02.15	WP55	WP50		ST55	ST50	1
Logan II (L8)	03.15→				ST55	ST48	5
Logan MCV I (KS/FS)	01.07→12.15	WP50	WP50		ST50	ST50	1
Logan MCV II (K8)	03.13→02.15	WP55	WP50		ST55	ST50	1
Logan MCV II (K8)	03.15→				ST55	ST48	5
Logan Pick-Up (US)	01.07→12.15	WP50	WP50		ST50	ST50	1
Nova	05.96→09.00	WP50	WP50		ST50	ST50	1
Pick-Up	08.12→08.15	WP55	WP40		ST55	ST40	1
Sandero I (BS)	06.08→12.15	WP50	WP50		ST50	ST50	1
Sandero II (B8)	08.12→02.15	WP55	WP50		ST55	ST50	1
Sandero II (B8)	03.15→				ST55	ST48	5
Serie 1300	01.79→06.04	WP40	WP40	WP40	ST40	ST40	1
Solenza	04.03→04.05	WP45	WP45		ST45	ST45	1
Super Nova	10.00→09.03	WP50	WP50		ST50	ST50	1
<b>DS (CITROEN)</b>							
DS3 (A55)	05.15→				ST60	ST40	5
DS3 Cabrio (A56)	05.15→				ST60	ST40	5
DS4 (B75)	10.15→					ST65	3
DS5 (B81)	02.15→					ST65	3
DS7	09.17→				ST55	ST55	3
<b>FIAT</b>							
500 (312..)	07.07→				ST60	ST35	3
124 Spider (348)	03.16→	WP45	WP48		ST45	ST48	1
500 EV (CFF)	03.12→	WP60			ST60		1

EASY SET OE & UP			REAR FLAT REAR PLASTIC		HYBRID	
						
SetUP6045	E3	12	RP14	5D		
SetUP5540	E3	12	RP12	5E		
SetUP5050	E3	12				
SetUP5550	E3	12				
SetUP5050	E3	12	RP14	5D		
SetUP5550	E3	12	RP12	5E		
			RP12	5E		
SetUP5050	E3	12				
SetUP5050	E3	12				
SetUP5540	E3	12				
SetUP5050	E3	12				
SetUP5550	E3	12	RP12	5E		
			RP12	5E		
SetUP4545	E3	12				
SetUP5050	E3	12				
SetOE6040	3F	1	RP12	5E		
SetOE6040	3F	1				
			RP12	5E		
SetUP4545	E3	12			H45	H48









# APLICACIONES PARA AUTOMÓVILES








FOR/FÜR 	 31	METAL			SMARTTECH		
							
500C (312..)	07.09→				ST60	ST35	3
500L (199...,CFA)	09.12→				ST65	ST38	3
500X (334)	11.14→				ST65	ST35	3
Barchetta (183..)	01.95→02.05	WP48	WP48		ST48	ST48	1
Brava (182..)	10.95→12.01	WP55	WP50		ST55	ST50	1
Bravo (182..)	10.95→09.01	WP55	WP50		ST55	ST50	1
Bravo (198)	03.07→12.14				ST60	ST45	3
Cinquecento (170..)	07.91→07.98	WP48	WP48		ST48	ST48	1
Coupé (175..)	02.94→09.00	WP53	WP48	WP50	ST53	ST48	1
Croma (154..)	07.90→12.96	WP50	WP48	WP50	ST50	ST48	1
Croma (194..)	06.05→12.10				ST60	ST40	2
Doblo (223..)	07.00→08.16	WP55	WP45		ST55	ST45	1
Doblo (263..)	02.10→				ST60	ST40	3
Doblo Cargo (223..)	07.00→08.16	WP55	WP45		ST55	ST45	1
Doblo Cargo (263..)	02.10→				ST60	ST40	3
Ducato (230, 231, 232, 234)	03.94→03.02	WP55	WP53		ST55	ST53	1
Ducato (243, 244, 245, 247)	04.02→12.11	WP55	WP53		ST55	ST53	1
Ducato (250, 251, 290)	06.06→				ST65	ST55	3
Egea	11.15→				ST65	ST40	3
Fiorino 07 (225..)	12.07→				ST65	ST48	5
Fiorino 93 (255..)	09.93→12.01	WP45	WP45		ST45	ST45	1
Freemont (JC)	06.11→12.15	WP60	WP48		ST60	ST48	1
Fullback	05.16→	WP55	WP45		ST55	ST45	1
Grande Punto (199..)	10.05→12.11				ST65	ST38	4
Idea (350)	01.04→12.05	WP55	WP40		ST55	ST40	1
Idea (350)	01.06→03.08	WP55	WP35		ST55	ST38	1
Idea (350)	04.08→12.12				ST55	ST38	3
Linea (323)	03.07→				ST65	ST38	4
Marea (185..)	10.96→12.02	WP55	WP48		ST55	ST48	1
Marengo (259..)	02.90→12.96	WP50	WP50		ST50	ST50	1











EASY SET OE & UP			REAR FLAT REAR PLASTIC		HYBRID	
						
			RP12	5E		
			RP12	5E		
SetUP4848	E3	12				
SetUP5550	E3	12				
SetUP5550	E3	12				
SetOE6045	3H-2	28	RP12	5E		
SetUP4848	E3	12				
SetUP5348	E3	12				
SetUP5045	E3	12				
SetUP5345	E3	12				
SetOE6040	3H-2	28	RF15	7A+7C		
SetUP5345	E3	12				
SetOE6040	3H-2	28	RF15	7A+7C		
SetUP5553	E3	12				
SetUP5553	E3	12				
SetOE6555	3H-2	28				
SetOE6540	3H-2	28				
SetOE6548	3F	1				
SetUP4545	E3	12				
SetUP6045	E3	12	RP12	5A		
SetUP5345	E3	12				
SetUP5540	E3	12				
SetUP5548	E3	12				
SetUP5050	E3	12				

# APLICACIONES PARA AUTOMÓVILES








FOR/FÜR 	 31	METAL			SMARTTECH		
							
Marengo (285..)	01.97→09.02	WP55	WP48		ST55	ST48	1
Multipla (186..)	01.99→12.05	WP60	WP53		ST60	ST53	1
Multipla (186..)	01.06→12.10				ST60	ST55	4
Palio (178..)	03.98→12.11	WP55	WP45		ST55	ST45	1
Palio Weekend (178..)	09.97→12.08	WP55	WP45		ST55	ST45	1
Panda (141..)	01.93→09.03	WP40	WP40		ST40	ST40	1
Panda (169..)	10.03→12.12	WP55	WP40		ST55	ST40	1
Panda (312..)	02.12→				ST60	ST38	3
Punto (176..)	08.93→08.99	WP55	WP40		ST55	ST40	1
Punto (188..)	07.99→12.10	WP55	WP45		ST55	ST45	1
Punto (199..)	01.12→				ST65	ST38	4
Punto Cabrio (176..)	04.94→08.99	WP55	WP40		ST55	ST40	1
Punto Evo (199..)	10.09→12.12				ST65	ST38	4
Punto Grande (199..)	10.05→12.11				ST65	ST38	4
Punto GT (176..)	08.93→08.99	WP55	WP40		ST55	ST40	1
Punto VAN (276..)	05.97→08.99	WP55	WP40		ST55	ST40	1
Punto VAN (288..)	05.99→12.10	WP55	WP45		ST55	ST45	1
Qubo (300..)	09.08→				ST65	ST48	5
Scudo (222..)	10.95→01.07	WP65	WP50		ST65	ST50	1
Scudo (272..)	01.07→04.16	WP65	WP50		ST65	ST50	1
Sedici (189..)	05.06→12.14	WP65			ST65		1
Seicento (187..)	03.98→12.10	WP48	WP48		ST48	ST48	1
Siena (178..)	04.97→12.01	WP55	WP45		ST55	ST45	1
Stilo (192..)	10.01→06.05	WP53	WP45		ST53	ST45	1
Stilo (192..)	07.05→12.07				ST55	ST48	4
Stilo Multi Wagon (192..)	10.02→06.05	WP53	WP45		ST53	ST45	1
Stilo Multi Wagon (192..)	07.05→12.07				ST55	ST48	4
Strada (278)	03.99→12.11	WP55	WP45		ST55	ST45	1
Talento 16 (296)	06.16→				ST65	ST48	3
Talento 16 (296)	06.16→				ST65	ST48	3

EASY SET OE & UP			REAR FLAT REAR PLASTIC		HYBRID	
						
SetUP5548	E3	12				
SetUP6053	E3	12				
SetOE6053	3D-2	26				
SetUP5345	E3	12				
SetUP5345	E3	12				
SetUP5540	E3	12				
			RP12	5E		
SetUP5540	E3	12				
SetUP5345	E3	12				
SetUP5540	E3	12				
SetUP5540	E3	12				
SetUP5540	E3	12				
SetUP5345	E3	12				
SetOE6548	3F	1				
			RP14	5D		
			RP10	5B		
SetUP4848	E3	12				
SetUP5345	E3	12				
SetUP5345	E3	12	RP14	5D		
			RP14	5D		
SetUP5345	E3	12				
SetUP5345	E3	12				
SetOE6548	3H-2	28				
SetOE6548	3H-2	28				









# APLICACIONES PARA AUTOMÓVILES








FOR/FÜR 	 31	METAL			SMARTTECH		
							
Tempra (159)	02.90→12.98	WP50	WP50		ST50	ST50	1
Tempra SW (159)	02.90→12.98	WP50	WP50		ST50	ST50	1
Tipo (160..)	12.90→10.95	WP50	WP50	WP35	ST50	ST50	1
Tipo (356)	11.15→				ST65	ST40	3
Tipo Hatchback (357)	11.15→				ST65	ST40	3
Tipo Station Wagon (358)	06.16→				ST65	ST40	3
Ulysse (121..)	09.94→09.02	WP65	WP50	WP40	ST65	ST50	1
Ulysse (179..)	10.02→10.05	WP65	WP65		ST65	ST65	1
Ulysse (179..)	11.05→12.10	WP65	WP65		ST65	ST65	1
Uno (146..)	09.87→12.00	WP45			ST45		1
Uno (158..)	01.96→12.10	WP45			ST45		1
<b>FORD</b>							
B-MAX	08.12→					ST65	4
C-MAX I (07)	03.07→07.10				ST65	ST48	2
C-MAX II (15)	04.15→					ST60	4
C-MAX II (11)	08.10→03.15					ST60	4
Cougar	08.98→12.00	WP55	WP50	WP55	ST55	ST50	1
Ecosport (14)	10.13→10.17				ST55	ST40	6
Ecosport (14)	10.16→				ST55	ST40	6
Ecosport (14)	11.17→				ST55	ST40	6
Edge 16	01.16→				ST70	ST70	4
Endeavour		WP45	WP45		ST45	ST45	1
Escort VII (95)	01.95→09.01	WP50	WP50	WP50	ST50	ST50	1
Escort VII Cabrio (95)	01.95→09.01	WP50	WP50		ST50	ST50	1
Escort VII Express (95)	01.95→09.01	WP50	WP50		ST50	ST50	1
Escort VII Turnier (95)	01.95→09.01	WP50	WP50	WP35	ST50	ST50	1
Explorer	10.01→	WP55	WP55		ST55	ST55	1
Explorer	09.10→				ST65	ST55	4
Explorer (EX)	01.91→08.01	WP45	WP45		ST45	ST45	1
Festiva	01.93→10.00	WP50	WP45		ST50	ST45	1








EASY SET OE & UP			REAR FLAT REAR PLASTIC		HYBRID	
						
SetUP5050	E3	12				
SetUP5050	E3	12				
SetUP5050	E3	12				
Set0E6540	3H-2	28				
Set0E6540	3H-2	28				
Set0E6540	3H-2	28				
			RP14	5D		
			RP14	5D		
Set0E6548	3B-2	41				
SetUP5550	E3	12				
			RF15	7A		
SetUP5050	E3	12				
SetUP5050	E3	12				
SetUP5050	E3	12				
SetUP5050	E3	12				
			RF11	7A+7D		
SetUP4545	E3	12				
SetUP5045	E3	12				

# APLICACIONES PARA AUTOMÓVILES








FOR/FÜR 	 31	METAL			SMARTTECH		
							
Fiesta III Courier (89)	09.91→08.96	WP48	WP48		ST48	ST48	1
Fiesta IV/V (96)	10.95→12.02	WP48	WP48		ST48	ST48	1
Fiesta IV/V Courier (96)	10.95→12.02	WP48	WP48		ST48	ST48	1
Fiesta VI (02)	11.01→09.08	WP55	WP40	WP28	ST55	ST40	1
Fiesta VII (08)	07.08→11.12				ST65	ST38	3
Fiesta VII (13)	11.12→				ST65	ST40	3
Fiesta VIII (17)	05.17→				ST70	ST35	6
Five Hundred	09.05→08.07				ST60	ST50	2
Focus C-MAX (04)	06.03→03.07				ST65	ST48	2
Focus I (99)	08.98→05.05	WP55	WP48	WP35	ST55	ST48	1
Focus I Sedan (99)	08.98→05.05	WP55	WP48		ST55	ST48	1
Focus I Turnier (99)	11.98→05.05	WP55	WP48	WP28	ST55	ST48	1
Focus II (04)	07.04→01.06				ST65	ST40	2
Focus II (04,08)	02.06→12.11				ST65	ST40	2
Focus II Cabriolet (06)	07.06→07.10				ST65	ST40	2
Focus II Sedan (04)	07.04→01.08				ST65	ST40	2
Focus II Turnier (04,08)	07.04→10.08				ST65	ST40	2
Focus II Turnier (08)	11.08→12.11				ST65	ST40	2
Focus II Turnier (08)	11.08→12.11				ST65	ST40	2
Focus III (11,15)	01.11→				ST70	ST70	3
Focus III Sedan (11,15)	01.11→				ST70	ST70	3
Focus III Turnier (11,15)	01.11→				ST70	ST70	3
Focus IV	05.18→				ST65	ST50	3
Fusion (02)	10.02→06.12	WP55	WP40	WP28	ST55	ST40	1
Galaxy (95)	02.95→03.00	WP70	WP65	WP40	ST70	ST65	1
Galaxy (00)	04.00→04.01	WP70	WP65	WP40	ST70	ST65	1
Galaxy (00)	04.01→08.06				ST70	ST70	2
Galaxy (06)	03.06→11.08					ST65	3
Galaxy (06)	12.08→12.14					ST65	3
Galaxy (15)	05.15→						4

EASY SET OE & UP			REAR FLAT REAR PLASTIC		HYBRID	
						
SetUP4848	E3	12				
SetUP4848	E3	12				
SetUP4848	E3	12				
SetUP5540	E3	12				
SetOE6540	3H-2	28				
SetOE6050	3B-2	41				
SetOE6548	3B-2	41				
SetUP5548	E3	12				
SetUP5548	E3	12				
SetUP5548	E3	12				
SetOE6540	3B-2	41				
SetOE6540	3B-2	41				
SetOE6540	3B-2	41				
SetOE6540	3B-2	41				
SetOE6540	3B-2	41				
SetOE6540	3B-2	41				
SetOE6540	3B-2	41				
SetOE6540	3B-2	41				
SetOE7070	3H-2	28				
SetOE7070	3H-2	28				
SetOE7070	3H-2	28				
SetOE6548	3H-2	28				
SetUP5540	E3	12				
SetOE7070	3B-2	41				
			RF13	7A+7D		









# APLICACIONES PARA AUTOMÓVILES

FOR/FÜR 	 31	METAL			SMARTTECH		
							
Grand C-MAX (11)	08.10→03.15				ST60		4
Grand C-MAX (15)	04.15→				ST60		4
Ka I (97)	09.96→09.08	WP48	WP43		ST48	ST40	1
Ka II (08)	09.08→10.10	WP60			ST60		1
Ka II (08)	11.10→05.16				ST60	ST35	3
KA+	07.16→				ST55	ST40	3
Kuga I (CBV)	02.08→11.12				ST60	ST40	3
Kuga II (DM2)	11.12→				ST70	ST70	4
Maverick (94,96)	06.93→12.98	WP53	WP50	WP28	ST53	ST50	1
Maverick (1EZ,1N2)	10.00→01.07	WP48	WP48		ST48	ST48	1
Mondeo I (93)	01.93→07.96	WP53	WP50	WP55	ST53	ST50	1
Mondeo I Sedan (93)	01.93→07.96	WP53	WP50		ST53	ST50	1
Mondeo I Turnier (93)	04.93→07.96	WP53	WP50	WP35	ST53	ST50	1
Mondeo II (97)	08.96→09.00	WP53	WP50	WP55	ST53	ST50	1
Mondeo II Sedan (97)	08.96→09.00	WP53	WP50	WP50	ST53	ST50	1
Mondeo II Turnier (97)	08.96→09.00	WP53	WP50	WP35	ST53	ST50	1
Mondeo III (01)	10.00→03.07	WP55	WP50	WP48	ST55	ST50	1
Mondeo III Sedan (01)	10.00→03.07	WP55	WP50		ST55	ST50	1
Mondeo III Turnier (01)	10.00→03.07	WP55	WP50	WP28	ST55	ST50	1
Mondeo IV (07)	02.07→12.14				ST65	ST48	3
Mondeo IV Sedan (07)	02.07→12.14				ST65	ST48	3
Mondeo IV Turnier (07)	02.07→12.14				ST65	ST48	3
Mondeo V (15)	09.14→				ST65	ST65	4
Mondeo V Sedan (15)	09.14→				ST65	ST65	4
Mondeo V Turnier (15)	09.14→				ST65	ST65	4
Mustang	09.04→02.09	WP55	WP50		ST55	ST50	1
Mustang	03.09→				ST55	ST50	4
Puma	06.97→12.01	WP48	WP48	WP48	ST48	ST48	1
Ranger	06.94→06.09	WP45	WP45		ST45	ST45	1
Ranger (TKE)	09.11→08.15	WP60	WP40		ST60	ST40	1











EASY SET OE & UP			REAR FLAT REAR PLASTIC		HYBRID	
						
			RP12	5E		
			RP12	5E		
SetOE6040	3H-2	28				
			RF11	7A+7D		
SetUP5348	E3	12				
SetUP4848	E3	12				
SetUP5348	E3	12				
SetUP5348	E3	12				
SetUP5348	E3	12				
SetUP5348	E3	12				
SetUP5348	E3	12				
SetUP5348	E3	12				
SetUP5348	E3	12				
SetUP5550	E3	12				
SetUP5550	E3	12				
SetUP5550	E3	12				
SetOE6548	3H-2	28				
SetOE6548	3H-2	28				
SetOE6548	3H-2	28				
SetOE6565	3D-2	26				
SetOE6565	3D-2	26				
SetOE6565	3D-2	26	RF11	7A+7D		
SetUP5550	E3	12				
SetUP4848	E3	12				
SetUP4545	E3	12				
SetUP6040	E3	12				








# APLICACIONES PARA AUTOMÓVILES

FOR/FÜR 	 31	METAL			SMARTTECH		
							
Ranger (TKE)	09.15→				ST60	ST38	3
S-MAX (06)	03.06→01.09					ST65	3
S-MAX (06)	02.09→12.14					ST65	3
S-MAX (15)	05.15→						4
Streetka	12.02→12.05	WP48	WP48		ST48	ST48	1
Tourneo Connect (02)	05.02→12.13	WP55	WP50	WP35	ST55	ST50	1
Tourneo Connect (13)	09.13→						4
Tourneo Courier	04.14→				ST70	ST38	4
Tourneo Custom (13)	09.12→					ST70	3
Transit (95)	08.94→08.00	WP55	WP53	WP35	ST55	ST53	1
Transit (00)	01.00→07.06	WP65	WP55	WP40	ST65	ST55	1
Transit (06,12)	04.06→12.13	WP65	WP55	WP40	ST65	ST55	1
Transit (14)	01.14→					ST50	3
Transit Connect (02)	05.02→12.13	WP55	WP50	WP35	ST55	ST50	1
Transit Connect (13)	09.13→						4
Transit Courier	04.14→				ST70	ST38	4
Transit Custom (13)	09.12→					ST70	3
Transit Tourneo (95)	08.94→08.00	WP55	WP53	WP35	ST55	ST53	1
Transit Tourneo (00)	08.00→07.06	WP65	WP55	WP40	ST65	ST55	1
Transit Tourneo (06,12)	04.06→09.11	WP65	WP55	WP40	ST65	ST55	1
<b>MERCEDES BENZ</b>							
A-Class (168)	10.97→08.04	WP65	WP55	WP35	ST65	ST55	1
A-Class (169)	09.04→06.12				ST65	ST55	4
A-Class (176)	06.12→06.15				ST60	ST48	4
A-Class (176)	07.15→				ST60	ST48	
A-Class (177)	02.18→				ST60	ST48	
B-Class (245)	04.05→05.11				ST65	ST55	4
B-Class (246)	09.11→06.15				ST65	ST48	4
B-Class (246)	07.15→				ST65	ST48	
C-Class (202)	03.93→08.00	WP60			ST60		1











# APLICACIONES PARA AUTOMÓVILES








FOR/FÜR 	 31	METAL			SMARTTECH		
							
C-Class (203)	05.00→06.03	WP60			ST60		1
C-Class (203)	07.03→08.07				ST55	ST55	
C-Class (204)	01.07→11.08				ST60	ST60	2
C-Class (204)	12.08→04.13				ST60	ST60	2
C-Class (204)	03.13→12.14				ST60	ST60	3
C-Class (205)	11.13→10.14				ST55	ST55	4
C-Class (205)	08.14→				ST55	ST55	
C-Class (Cabrio) (205)	04.16→				ST55	ST55	
C-Class (Sportcoupe) (203)	01.01→06.03	WP60			ST60		1
C-Class (Sportcoupe) (203)	07.03→02.08				ST55	ST55	
C-Class (T-Modell) (203)	01.01→06.03	WP60		WP35	ST60		1
C-Class (T-Modell) (203)	07.03→08.07				ST55	ST55	
C-Class (T-Modell) (204)	09.07→11.08				ST60	ST60	2
C-Class (T-Modell) (204)	12.08→04.13				ST60	ST60	2
C-Class (T-Modell) (204)	03.13→12.14				ST60	ST60	3
C-Class (T-Modell) (205)	05.14→10.14				ST55	ST55	4
C-Class (T-Modell) (205)	08.14→				ST55	ST55	
C-Class (T-Modell) (202)	05.96→02.01	WP60		WP40	ST60		1
C-Class Coupé (204)	03.11→04.13				ST60	ST60	2
C-Class Coupé (205)	10.15→				ST55	ST55	
Citan	07.12→				ST55	ST53	5
CLA-Class (117)	12.12→06.15				ST60	ST48	4
CLA-Class (117)	07.15→				ST60	ST48	
CLA-Class Shooting Brake (117)	01.15→06.15				ST60	ST48	4
CLA-Class Shooting Brake (117)	07.15→				ST60	ST48	
CLC-Class (203)	03.08→10.10				ST55	ST55	
CL-Class (Coupé) (215)	03.00→08.06				ST65	ST65	2
CL-Class (Coupé) (216)	06.06→				ST65	ST65	2
CL-Class (Coupé) (140)	06.96→08.99	WP70	WP60		ST70	ST60	1
CL-Class (Coupé) (215)	09.99→02.00	WP65	WP65		ST65	ST65	1

EASY SET OE & UP			REAR FLAT REAR PLASTIC		HYBRID	
						
SetOE5555	3C	19				
SetOE6060	3B-2	41	RP12	5E		
SetOE6060	3B-2	41	RP12	5E		
SetOE6060	3H-2	28	RP12	5E		
SetOE5555	3D-2	26				
			RF11	7A+7C		
SetOE5555	3C	19				
SetOE5555	3C	19				
SetOE6060	3B-2	41				
SetOE6060	3B-2	41				
SetOE6060	3H-2	28				
SetOE5555	3D-2	26				
SetOE6060	3B-2	41				
SetOE6048	3D-2	26				
			RF11	7A+7C		
SetOE6048	3D-2	26				
SetOE5555	3C	19				
SetOE6565	3B-2	41				
SetOE6565	3B-2	41				


















# APLICACIONES PARA AUTOMÓVILES

FOR/FÜR 	 31	METAL			SMARTTECH		
							
CLK-Class (Cabrio) (208)	09.96→01.03	WP55			ST55		1
CLK-Class (Cabrio) (209)	09.01→12.09				ST55	ST55	
CLK-Class (Coupé) (208)	01.97→09.02	WP55			ST55		1
CLK-Class (Coupé) (209)	08.01→04.09				ST55	ST55	
CLS-Class (219)	06.04→02.11				ST65	ST65	2
CLS-Class Coupé (218)	07.10→02.14				ST60	ST60	2
CLS-Class Coupé (218)	03.14→				ST60	ST60	3
CLS-Class Coupé (257)	12.17→				ST60	ST55	
CLS-Class Shooting Brake (218)	06.12→02.14				ST60	ST60	2
CLS-Class Shooting Brake (218)	03.14→				ST60	ST60	3
E-Class (124)	07.93→07.95	WP60			ST60		1
E-Class (210)	06.95→08.03	WP60			ST60		1
E-Class (212)	08.08→02.14				ST60	ST60	2
E-Class (212)	03.14→				ST60	ST60	3
E-Class (211)	03.02→08.09				ST65	ST65	2
E-Class (213)	01.16→				ST60	ST55	
E-Class (Cabrio) (207)	01.10→04.13				ST60	ST60	2
E-Class (Cabrio) (207)	01.13→				ST60	ST60	3
E-Class (Cabrio) (238)	06.17→				ST60	ST55	
E-Class (Cabrio) (124)	05.93→06.98	WP60			ST60		1
E-Class (Coupé) (207)	02.09→04.13				ST60	ST60	2
E-Class (Coupé) (207)	01.13→				ST60	ST60	3
E-Class (Coupé) (238)	12.16→				ST60	ST60	
E-Class (Coupé) (124)	07.93→06.98	WP60			ST60		1
E-Class (T-Modell) (212)	08.09→02.14				ST60	ST60	2
E-Class (T-Modell) (212)	03.14→08.16				ST60	ST60	3
E-Class (T-Modell) (124)	07.93→05.96	WP60		WP45	ST60		1
E-Class (T-Modell) (210)	05.96→02.03	WP60		WP40	ST60		1
E-Class (T-Modell) (211)	02.03→08.09				ST65	ST65	2
E-Class (T-Modell) (213)	06.16→				ST60	ST55	









EASY SET OE & UP			REAR FLAT REAR PLASTIC		HYBRID	
						
SetOE5555	3C	19				
SetOE5555	3C	19				
SetOE6565	3B-2	41				
SetOE6060	3B-2	41				
SetOE6060	3H-2	28	RF13	7A+7C		
SetOE6060	3B-2	41				
SetOE6060	3H-2	28				
SetOE6060	3B-2	41				
SetOE6060	3H-2	28				
SetOE6060	3B-2	41				
SetOE6060	3H-2	28				
SetOE6060	3B-2	41				
SetOE6060	3H-2	28				
SetOE6060	3B-2	41				
SetOE6060	3H-2	28				
SetOE6565	3B-2	41				

# APLICACIONES PARA AUTOMÓVILES

FOR/FÜR 	 31	METAL			SMARTTECH		
							
GLA-Class (156)	10.13→06.15				ST60	ST48	4
GLA-Class (156)	07.15→				ST60	ST48	
GLC-Class (253)	07.15→				ST55	ST55	
GLC-Class (Coupé) (253)	06.16→				ST55	ST55	
GL-Class (164)	02.06→12.12				ST70	ST53	4
GL-Class (166)	08.12→09.15				ST65	ST55	3
GLE-Class (166)	04.15→				ST65	ST55	3
GLE-Class (Coupé) (292)	04.15→				ST65	ST55	3
GLK-Class (204)	06.08→				ST55	ST45	6
GLK-Class (204)	06.08→01.14				ST55	ST48	2
GLK-Class (204)	02.14→				ST55	ST48	3
GLS-Class (166)	09.15→				ST65	ST55	3
ML-Class (163)	03.98→06.05	WP55	WP53	WP43	ST55	ST53	1
ML-Class (164)	03.05→08.11				ST70	ST53	4
ML-Class (166)	06.11→08.11				ST70	ST53	4
ML-Class (166)	09.11→04.15				ST65	ST55	3
R-Class (251)	09.05→10.12				ST70	ST53	4
S-Class (140)	02.91→09.98	WP70	WP60		ST70	ST60	1
S-Class (220)	10.98→02.00	WP65	WP65		ST65	ST65	1
S-Class (220)	03.00→08.06				ST65	ST65	2
S-Class (221)	09.05→12.13				ST65	ST65	2
S-Class (222)	05.13→				ST65	ST55	4
S-Class (Coupé) (140)	09.92→09.97	WP70	WP60		ST70	ST60	1
SLC-Class (172)	12.15→				ST55	ST55	4
SL-Class (230)	10.01→11.12				ST65	ST65	2
SLK-Class (170)	09.96→03.04	WP55	WP53		ST55	ST53	1
SLK-Class (171)	04.04→02.11				ST55	ST55	4
SLK-Class (172)	01.11→12.15				ST55	ST55	4
SLR-Class (199)	04.04→12.09				ST65	ST65	2
Sprinter (NCV3)	04.06→				ST65	ST60	4

EASY SET OE & UP			REAR FLAT REAR PLASTIC		HYBRID	
						
SetOE6048	3D-2	26	RF11	7A+7C		
			RF11	7A+7C		
			RF13	7A+7C		
SetOE6555	3H-2	28				
SetOE6555	3H-2	28	RP12	5E		
SetOE6555	3H-2	28				
SetOE6555	3H-2	28				
SetUP5553	E3	12				
SetOE6555	3H-2	28				
SetOE6565	3B-2	41				
SetOE6565	3B-2	41				
SetOE5555	3D-2	26				
SetOE6565	3B-2	41				
SetUP5553	E3	12				
SetOE5555	3D-2	26				
SetOE5555	3D-2	26				
SetOE6565	3B-2	41				
			RF17	7A+7C		









# APLICACIONES PARA AUTOMÓVILES








FOR/FÜR 	 31	METAL			SMARTTECH		
							
Sprinter (T1N)	02.95→05.06	WP60	WP53		ST60	ST53	1
Sprinter Classic (909)	11.13→	WP60	WP53		ST60	ST53	1
Vaneo (414)	02.02→01.04	WP65	WP55	WP35	ST65	ST55	1
Vaneo (414)	02.04→08.05				ST65	ST55	4
V-Class (447)	04.14→				ST70	ST45	
V-Class (638T0N)	04.96→09.03	WP65	WP55	WP45	ST65	ST55	1
Viano (639T0N)	09.03→08.05	WP70	WP65	WP40	ST70	ST65	1
Viano (639T0N)	09.05→08.10				ST70	ST65	4
Viano (639T0N)	09.10→12.14				ST70	ST65	4
Vito (639T0N)	10.03→08.05	WP70	WP65	WP40	ST70	ST65	1
Vito (639T0N)	09.05→08.10				ST70	ST65	4
Vito (639T0N)	09.10→12.14				ST70	ST65	4
Vito (447)	09.14→				ST70	ST45	
Vito (638T0N)	11.95→09.03	WP65	WP55	WP45	ST65	ST55	1
X-Class (470)	09.17→	WP58	WP45		ST55	ST45	1
<b>MINI (BMW)</b>							
Mini (R50,R53)	06.01→07.04	WP45	WP45		ST45	ST45	1
Mini (R50,R53)	08.04→11.06	WP45	WP45		ST45	ST45	1
Mini (R56)	11.06→03.12	WP45	WP45		ST45	ST45	1
Mini (R56)	04.12→11.13				ST45	ST48	5
Mini (F55,F56)	09.13→	WP45	WP48		ST45	ST48	1
Mini Cabrio (R52,R57)	07.04→03.12	WP45	WP45		ST45	ST45	1
Mini Cabrio (R57)	04.12→				ST45	ST48	5
Mini Cabrio (F57)	03.16→	WP45	WP48		ST45	ST48	1
Mini Clubman (R55)	11.07→03.12	WP45	WP45		ST45	ST45	1
Mini Clubman (R55)	04.12→08.14				ST45	ST48	5
Mini Clubman (F54)	09.15→				ST55	ST50	6
Mini Clubvan (R55)	02.13→06.14				ST45	ST48	5
Mini Countryman (R60)	09.10→				ST48	ST50	4
Mini Countryman (R60)	09.16→				ST58	ST53	1




















# APLICACIONES PARA AUTOMÓVILES

FOR/FÜR		METAL			SMARTTECH		
							
Mini Coupé (R58)	09.11→				ST50	ST50	4
Mini Coupé Roadster (R59)	02.12→				ST50	ST50	4
Mini Paceman (R61)	03.13→				ST48	ST50	4
NISSAN							
300 ZX (Z32)	01.90→08.96	WP53	WP53	WP48	ST53	ST53	1
350 Z (Z33)	12.03→04.09	WP50	WP45		ST50	ST45	1
350 Z Cabriolet (Z33)	09.03→04.09	WP50	WP45		ST50	ST45	1
350 Z Coupé (Z33)	09.02→04.09	WP50	WP45		ST50	ST45	1
370Z	10.09→	WP53	WP48		ST53	ST48	1
Almera (G15RA)	11.12→	WP55	WP43		ST55	ST40	1
Almera (Classic) (B10)	01.06→11.12	WP55	WP40		ST55	ST40	1
Almera Hatchback (N15)	07.95→04.00	WP53	WP48	WP35	ST53	ST48	1
Almera Hatchback (N16E)	01.00→09.02	WP55	WP40	WP35	ST55	ST40	1
Almera Hatchback (N16E)	10.02→11.06	WP55	WP40		ST55	ST40	1
Almera Sedan (N15)	07.95→04.00	WP53	WP48		ST53	ST48	1
Almera Sedan (N16, N16E)	04.00→11.06	WP55	WP40		ST55	ST40	1
Almera Tino (V10M)	05.00→12.05	WP65	WP45	WP50	ST65	ST45	1
Altima (L32/CL32)	11.06→	WP65	WP43		ST65	ST40	1
Cabstar (TLO)	10.98→08.06	WP45	WP45		ST45	ST45	1
Cabstar (F24)	09.06→	WP50	WP50		ST50	ST50	1
Cefiro	02.99→05.08	WP65	WP45		ST65	ST45	1
Cube (Z12)	08.09→03.11	WP50	WP50		ST50	ST50	1
Elgrand	10.02→	WP65	WP40		ST65	ST40	1
Evalia (M20M)	01.11→	WP55	WP40		ST55	ST40	1
Frontier	01.04→	WP45	WP45		ST45	ST45	1
Grand Livina	01.07→	WP60	WP35		ST60	ST35	1
Interstar (X70)	07.02→06.10	WP60	WP60		ST60	ST60	1
Juke (F15)	07.10→03.17	WP58	WP35		ST55	ST35	1
Juke (F15)	07.10→	WP58	WP35	WP28	ST55	ST35	1









EASY SET OE & UP			REAR FLAT REAR PLASTIC		HYBRID	
						
			RF11	7A+7D		
SetUP5353	E3	12				
SetUP5045	E3	12				
SetUP5045	E3	12				
SetUP5045	E3	12				
SetUP5540	E3	12	RP14	5B		
SetUP5540	E3	12				
SetUP5348	E3	12				
SetUP5540	E3	12				
SetUP5540	E3	12	RP14	5D		
SetUP5348	E3	12				
SetUP5540	E3	12				
SetUP6540	E3	12			H65	H43
SetUP4545	E3	12				
SetUP5050	E3	12				
SetUP5050	E3	12	RP12	5B		
SetUP5540	E3	12	RP14	5B		








# APLICACIONES PARA AUTOMÓVILES

FOR/FÜR 	 31	METAL			SMARTTECH		
							
Juke (F15)	04.17→				ST60	ST35	4
Kicks		WP65	WP40		ST65	ST40	1
Kubistar (X76)	07.03→03.09	WP50	WP50	WP35	ST50	ST50	1
Lannia	08.15→	WP65	WP35		ST65	ST35	1
Latio	10.11→	WP55	WP40		ST55	ST40	1
Leaf (ZE0E)	10.10→	WP65	WP40		ST65	ST40	1
Leaf (ZE1E)	01.18→	WP65	WP40		ST65	ST40	1
March	02.02→	WP50	WP45		ST50	ST45	1
March	03.10→	WP53	WP35		ST53	ST35	1
Maxima (A34)	02.03→05.08	WP65	WP40		ST65	ST40	1
Maxima (A35)	09.08→	WP65	WP43		ST65	ST40	1
Maxima QX (A32)	10.94→01.00	WP53	WP53		ST53	ST53	1
Maxima QX (CA33)	01.00→01.06	WP65	WP45		ST65	ST45	1
Micra (K11E)	08.92→07.00	WP50	WP45	WP45	ST50	ST45	1
Micra (K11E)	07.00→10.02	WP50	WP45		ST50	ST45	1
Micra (K12E)	11.02→05.05	WP53	WP45		ST53	ST45	1
Micra (K12E)	06.05→10.10	WP53	WP45		ST53	ST45	1
Micra (K13K)	07.10→	WP53			ST53		1
Micra (K14FR)	01.17→	WP65			ST65		1
Micra CC (K12E)	09.05→10.10	WP53	WP45		ST53	ST45	1
Murano (Z50)	09.02→12.08	WP65	WP45		ST65	ST45	1
Murano (Z51)	06.08→	WP65	WP40		ST65	ST40	1
Murano (Z51)	09.12→	WP65	WP40		ST65	ST40	1
Murano (Z52R)	06.16→	WP65	WP45		ST65	ST45	1
Navara (D22)	06.00→	WP48	WP48		ST48	ST48	1
Navara (D40, D40M, D40T)	05.05→	WP60	WP48		ST60	ST48	1
Navara (D23M)	11.15→	WP60	WP40		ST60	ST40	1
Note (E11, E11E)	01.05→08.14	WP60			ST60		1
Note (E12)	08.13→	WP65			ST65		1









EASY SET OE & UP			REAR FLAT REAR PLASTIC		HYBRID	
						
SetUP5050	E3	12				
SetUP6540	E3	12	RP10	5B	H65	H40
SetUP6540	E3	12	RP14	5B	H65	H40
SetUP6540	E3	12				
SetUP6540	E3	12			H65	H43
SetUP5353	E3	12				
SetUP5045	E3	12				
SetUP5045	E3	12				
SetUP5345	E3	12				
SetUP5345	E3	12				
			RP12	5B		
					H65	
SetUP5345	E3	12				
			RP14	5B		
SetUP6540	E3	12				
SetUP6540	E3	12	RP12	5B		
			RP12	5B	H65	H45
SetUP4848	E3	12				
SetUP6045	E3	12				
SetUP6040	E3	12				
			RP12	5B		
			RP12	5B		

# APLICACIONES PARA AUTOMÓVILES








FOR/FÜR 	 31	METAL			SMARTTECH		
							
NP200	10.08→	WP50	WP50		ST50	ST50	1
NP300 (D22)	09.08→	WP48	WP48		ST48	ST48	1
NV200 (M20, M20M)	08.09→	WP55	WP40		ST55	ST40	1
NV300 (X82)	09.16→				ST65	ST48	3
NV400 (X62)	09.11→	WP65	WP65		ST65	ST65	1
Pathfinder (R50)	10.97→10.04	WP55	WP50		ST55	ST50	1
Pathfinder (R52R)	09.14→	WP65	WP43		ST65	ST40	1
Pathfinder (R51)	01.05→11.14	WP60	WP48		ST60	ST48	1
Patrol (Y62)	03.10→	WP60	WP45		ST60	ST45	1
Patrol GR (Y61)	10.97→03.10	WP50	WP50	WP35	ST50	ST50	1
Pickup (D22)	02.97→	WP48	WP48		ST48	ST48	1
Pixo Hatchback (UA0)	03.09→	WP55			ST55		1
Primastar (X83)	07.02→	WP60	WP53	WP35	ST60	ST53	1
Primera Hatchback (P11E)	06.96→12.01	WP53	WP50	WP50	ST53	ST50	1
Primera Hatchback (P12E)	05.02→09.10	WP65	WP48		ST65	ST48	1
Primera Sedan (P11E)	06.96→12.01	WP53	WP50	WP50	ST53	ST50	1
Primera Sedan (P12E)	12.01→09.10	WP65	WP48		ST65	ST48	1
Primera Wagon (P11E)	01.98→12.00	WP53	WP50	WP40	ST53	ST50	1
Primera Wagon (P11E)	12.00→12.01	WP53	WP50	WP35	ST53	ST50	1
Primera Wagon (P12E)	12.01→09.10	WP65	WP48		ST65	ST48	1
Pulsar (N15)	01.95→08.00	WP50	WP45		ST50	ST45	1
Pulsar (N16)	12.99→07.09	WP55	WP40		ST55	ST40	1
Pulsar (C13)	07.14→				ST65	ST35	3
Pulsar Hatchback (N15)	01.95→08.00	WP50	WP45		ST50	ST45	1
Qashqai (J10)	12.06→12.13				ST60	ST38	4
Qashqai (J11E, J11R)	12.13→	WP65	WP43		ST65	ST40	1
Qashqai+2 (JJ10)	08.08→12.13				ST60	ST38	4
Sentra (B17R, B17RR)	09.14→				ST65	ST35	3
Sentra (N16)	12.99→07.09	WP55	WP40		ST55	ST40	1

EASY SET OE & UP			REAR FLAT REAR PLASTIC		HYBRID	
						
SetUP5050	E3	12				
SetUP4848	E3	12				
SetUP5540	E3	12	RP14	5B		
Set0E6548	3H-2	28				
SetUP5550	E3	12				
SetUP6540	E3	12			H65	H43
SetUP6045	E3	12	RP12	5B		
SetUP6045	E3	12	RP12	5B		
SetUP5050	E3	12				
SetUP4848	E3	12				
SetUP6053	E3	12				
SetUP5348	E3	12				
SetUP5348	E3	12				
SetUP5348	E3	12				
SetUP5348	E3	12				
SetUP5045	E3	12				
SetUP5540	E3	12				
SetUP5045	E3	12				
SetUP6540	E3	12			H65	H43
SetUP5540	E3	12				









# APLICACIONES PARA AUTOMÓVILES








FOR/FÜR 	 31	METAL			SMARTTECH		
							
Serena (C23M)	07.92→11.01	WP60	WP60	WP40	ST60	ST60	1
Sunny	10.98→10.04	WP55	WP40	WP43	ST55	ST40	1
Sunny Neo (N18)	07.02→	WP55	WP40		ST55	ST40	1
Sylphy (G11)	02.08→10.12	WP55	WP43		ST55	ST40	1
Sylphy (B17)	11.12→	WP65	WP35		ST65	ST35	1
Teana	02.03→10.13	WP60	WP48		ST60	ST48	1
Teana	11.13→	WP60	WP48		ST60	ST48	1
Teana (J31, L41F)	02.03→	WP60	WP48		ST60	ST48	1
Teana (J32, J32R)	02.08→	WP65	WP43		ST65	ST40	1
Terrano (HS)	10.13→09.14	WP50	WP50		ST50	ST50	1
Terrano (D10)	03.14→11.14	WP50	WP50		ST50	ST50	1
Terrano (D10)	10.14→11.16	WP60	WP45		ST60	ST45	1
Terrano (D10)	12.16→				ST60	ST45	1
Terrano I (WD21)	09.95→12.06	WP53	WP50		ST53	ST50	1
Terrano II (R20)	02.93→10.99	WP53	WP50	WP28	ST53	ST50	1
Terrano II (R20)	11.99→	WP53	WP50	WP28	ST53	ST50	1
Tiida (C11)	02.07→	WP60			ST60		1
Tiida (C13R)	04.15→				ST65	ST35	3
Tiida Hatchback (C11)	03.07→	WP60			ST60		1
Tiida Latio (SC11)	08.05→08.10	WP60			ST60		1
Vanette Cargo (C23M)	07.92→11.01	WP60	WP60	WP40	ST60	ST60	1
Versa (C11)	09.10→08.12	WP60			ST60		1
X-Trail (T30)	10.00→08.07	WP60	WP40	WP43	ST60	ST40	1
X-Trail (T31)	04.07→12.14	WP60	WP40		ST60	ST40	1
X-Trail (T32, T32R, T32RR)	04.14→	WP65	WP43		ST65	ST40	1
OPEL							
Adam	03.13→				ST65	ST40	3
Agila (A)	06.00→02.08	WP50	WP45	WP35	ST50	ST45	1
Agila (B)	03.08→08.15	WP55	WP40		ST55	ST40	1











EASY SET OE & UP			REAR FLAT REAR PLASTIC		HYBRID	
						
SetUP5540	E3	12				
SetUP5540	E3	12				
SetUP6045	E3	12				
SetUP6540	E3	12				
SetUP5050	E3	12	RP14	5D		
SetUP5050	E3	12				
SetUP6045	E3	12				
SetUP5348	E3	12				
SetUP5348	E3	12				
SetUP5348	E3	12				
			RP14	5D		
			RP14	5D		
SetUP6040	E3	12				
SetUP6040	E3	12	RP14	5B		
SetUP6540	E3	12			H65	H43
SetOE6540	3H-2	28				
SetUP5045	E3	12				
SetUP5540	E3	12	RP10	5B		








# APLICACIONES PARA AUTOMÓVILES

FOR/FÜR 	 31	METAL			SMARTTECH		
							
Ampera	10.11→				ST65	ST65	3
Antara	05.06→12.17	WP60	WP40		ST60	ST40	1
Arena	03.98→08.01	WP50	WP50		ST50	ST50	1
Astra (F)	09.91→08.98	WP45	WP45	WP45	ST45	ST45	1
Astra (G)	09.97→02.98	WP50	WP48	WP40	ST50	ST48	1
Astra (G)	03.98→07.09	WP50	WP48		ST50	ST48	1
Astra (H)	03.04→08.13				ST55	ST45	2
Astra (J)	09.09→				ST70	ST60	3
Astra (K)	09.15→				ST70	ST60	3
Astra Cabrio (F)	09.91→08.98	WP45	WP45		ST45	ST45	1
Astra Cabrio (G)	09.97→08.05	WP50	WP48		ST50	ST48	1
Astra Caravan (F)	09.91→08.98	WP45	WP45	WP35	ST45	ST45	1
Astra Caravan (G)	09.97→07.09	WP50	WP48		ST50	ST48	1
Astra Caravan (H)	08.04→08.13				ST55	ST45	2
Astra Classic (F)	09.97→08.02	WP50	WP48	WP40	ST50	ST48	1
Astra Classic Caravan (F)	09.97→08.02	WP50	WP48	WP40	ST50	ST48	1
Astra Coupé (G)	09.97→02.05	WP50	WP48		ST50	ST48	1
Astra GTC (H)	03.05→09.09	WP55	WP45		ST55	ST45	1
Astra GTC (H)	03.05→09.09				ST55	ST45	2
Astra GTC (J)	09.11→				ST70	ST60	3
Astra Sedan (J)	09.12→				ST70	ST60	3
Astra Sports Tourer (J)	09.10→				ST70	ST60	3
Astra Sports Tourer (K)	02.16→				ST70	ST60	3
Astra TwinTop (H)	09.05→10.10				ST55	ST45	2
Calibra	06.90→03.97	WP48	WP48	WP48	ST48	ST48	1
Cascada	03.13→				ST70	ST60	3
Combo	09.94→10.01	WP45	WP45	WP35	ST45	ST45	1
Combo (Tour)	10.01→01.12	WP50	WP40	WP35	ST50	ST40	1
Combo (D)	02.12→				ST60	ST40	3









EASY SET OE & UP			REAR FLAT REAR PLASTIC		HYBRID	
						
SetUP6040	E3	12				
SetUP5050	E3	12				
SetUP4545	E3	12				
SetUP5045	E3	12				
SetUP5045	E3	12				
Set0E5545	3B-2	41				
SetUP4545	E3	12				
SetUP5045	E3	12				
SetUP4545	E3	12				
SetUP5045	E3	12	RP12	5E		
Set0E5545	3B-2	41				
SetUP5045	E3	12				
SetUP5045	E3	12				
SetUP5045	E3	12				
SetUP5045	E3	12				
SetUP5345	E3	12				
Set0E5545	3B-2	41				
Set0E5545	3B-2	41				
SetUP4848	E3	12				
SetUP4545	E3	12				
Set0E6040	3H-2	28	RF15	7A+7C		








# APLICACIONES PARA AUTOMÓVILES

FOR/FÜR 	 31	METAL			SMARTTECH		
							
Corsa (B)	03.93→09.00	WP45	WP45	WP40	ST45	ST45	1
Corsa (C)	09.00→09.06	WP50	WP45		ST50	ST45	1
Corsa (D)	07.06→08.15				ST65	ST40	4
Corsa (E)	10.14→				ST65	ST40	4
Crossland X	01.17→				ST65	ST40	6
Frontera (A, B)	09.91→09.04	WP48	WP48	WP35	ST48	ST48	1
Grandland X	10.17→				ST70	ST40	3
GT (B)	06.07→12.09	WP55	WP40		ST55	ST40	1
Insignia (A)	09.08→	WP60	WP45		ST60	ST45	1
Insignia Grand Sport (B)	03.17→	WP60	WP50		ST60	ST50	1
Insignia Sports Tourer (A)	02.09→	WP60	WP45		ST60	ST45	1
Insignia Sports Tourer (B)	03.17→	WP60	WP50		ST60	ST50	1
Meriva (A)	03.03→03.10	WP60	WP55		ST60	ST55	1
Meriva (B)	04.10→				ST70	ST55	3
Mokka, Mokka X	09.12→				ST65	ST35	3
Monterey (A)	09.91→12.97	WP50	WP50	WP35	ST50	ST50	1
Movano (A)	06.98→06.10	WP60	WP60		ST60	ST60	1
Movano (B)	04.10→	WP65	WP65		ST65	ST65	1
Omega (B)	09.93→09.03	WP60	WP48	WP35	ST60	ST48	1
Signum	05.03→09.08	WP60	WP48		ST60	ST48	1
Sintra	09.96→09.99	WP60	WP55		ST60	ST55	1
Tigra (A)	09.94→08.99	WP45	WP45	WP50	ST45	ST45	1
Tigra TwinTop (B)	06.04→12.09	WP50	WP45		ST50	ST45	1
Vectra (C)	09.01→10.08	WP60	WP48		ST60	ST48	1
Vectra (B)	09.95→09.03	WP48	WP48	WP48	ST48	ST48	1
Vectra Caravan (B)	09.95→09.03	WP48	WP48	WP35	ST48	ST48	1
Vectra Caravan (C)	09.03→10.08	WP60	WP48		ST60	ST48	1
Vivaro (A)	03.01→08.14	WP60	WP53	WP35	ST60	ST53	1
Vivaro (B)	10.14→				ST65	ST48	3

EASY SET OE & UP			REAR FLAT REAR PLASTIC		HYBRID	
						
SetUP4545	E3	12				
SetUP5045	E3	12				
SetOE6540	3H-2	27				
SetUP4848	E3	12				
SetUP5540	E3	12				
SetUP6045	E3	12			H60	H45
SetUP6045	E3	12			H60	H45
					H60	H50
SetUP6053	E3	12				
SetUP5050	E3	12				
SetUP6045	E3	12				
SetUP6045	E3	12				
SetUP6053	E3	12				
SetUP4545	E3	12				
SetUP5045	E3	12				
SetUP6045	E3	12	RF16	7A+7C		
SetUP4848	E3	12				
SetUP4848	E3	12				
SetUP6045	E3	12				
SetUP6053	E3	12				
SetOE6548	3H-2	28				

# APLICACIONES PARA AUTOMÓVILES









FOR/FÜR		METAL			SMARTTECH		
							
Zafira (A)	03.99→07.05	WP60	WP55		ST60	ST55	1
Zafira (B)	07.05→08.15				ST70	ST55	4
Zafira Tourer (C)	01.12→					ST70	3
PEUGEOT							
106 (S1)	09.91→04.96	WP50	WP45	WP40	ST50	ST45	1
106 (S2)	07.95→09.99	WP50	WP45		ST50	ST45	1
106 (S2)	10.99→05.05	WP50	WP45		ST50	ST45	1
107 (B0)	06.05→12.14	WP65			ST65		1
108 (B3)	02.14→				ST65		4
206 (T1)	06.98→02.09	WP65	WP40		ST65	ST40	1
207 (A7)	05.06→04.12				ST65	ST40	2
208	01.12→				ST65	ST40	3
301	09.12→				ST60	ST40	5
306 (N3)	01.93→04.97	WP55	WP50	WP50	ST55	ST50	1
306 (N5)	05.97→12.98	WP55	WP50	WP50	ST55	ST50	1
306 (N5)	01.99→10.03	WP55	WP50		ST55	ST50	1
307 (T5)	08.00→05.05	WP65	WP65		ST65	ST65	1
307 (T5)	10.04→05.05				ST70	ST65	4
307 (T6)	06.05→08.07				ST70	ST65	4
308 (T7)	09.07→06.13					ST65	3
406 (D8)	10.95→03.99	WP60	WP53	WP45	ST60	ST53	1
406 (D9)	04.99→06.04	WP60	WP53		ST60	ST53	1
407 (D2)	05.04→02.11				ST70	ST70	2
408	12.09→					ST65	3
508	10.10→				ST65	ST65	3
605 (Y30)	06.89→05.99	WP55	WP55		ST55	ST55	1
806 (U60)	06.94→08.02	WP65	WP50	WP40	ST65	ST50	1
807 (V2)	06.02→07.05	WP65	WP65		ST65	ST65	1
807 (V2)	08.05→12.13	WP65	WP65		ST65	ST65	1








EASY SET OE & UP			REAR FLAT REAR PLASTIC		HYBRID	
						
SetUP6053	E3	12				
			RP14	5D		

SetUP5045	E3	12				
SetUP5045	E3	12	RP14	5D		
SetUP5045	E3	12				
			RP12	5A		
SetUP6540	E3	12	RP14	5D		
SetOE6540	3B-2	41				
SetOE6540	3H-2	28	RP14	5D		
SetOE6040	3F	1				
SetUP5550	E3	12				
SetUP5550	E3	12				
SetUP5550	E3	12				
			RP14	5D		
			RP14	5D		
			RP14	5D		
SetUP6053	E3	12				
SetUP6053	E3	12				
SetOE7070	3B-2	41				
SetUP5550	E3	12				
			RP14	5D		
			RP14	5D		

















# APLICACIONES PARA AUTOMÓVILES

FOR/FÜR 	 31	METAL			SMARTTECH		
							
1007 (A08)	04.05→02.11	WP60	WP45		ST60	ST45	1
4007 (I3)	09.07→11.12	WP60	WP53		ST60	ST53	1
2008	03.13→				ST65	ST40	3
206 CC (T1)	09.00→03.07	WP65	WP40		ST65	ST40	1
206 SW (T1)	03.02→12.06	WP65	WP40		ST65	ST40	1
206+ (T3)	03.09→05.13	WP65	WP40		ST65	ST40	1
207 CC (A7)	03.07→06.15				ST65	ST40	2
207 SW (A7)	06.07→12.13				ST65	ST40	2
207+ (A7)	11.12→06.15				ST65	ST40	2
3008 I (T8)	05.09→12.16					ST70	3
3008 II (P84)	07.16→				ST70	ST40	6
306 Break (N5)	05.97→03.02	WP55	WP50		ST55	ST50	1
306 Cabriolet (N3, N5)	01.93→10.03	WP55	WP50		ST55	ST50	1
307 Break/SW (T5)	03.02→05.05	WP65	WP65		ST65	ST65	1
307 Break/SW (T5)	10.04→05.05				ST70	ST65	4
307 Break/SW (T6)	06.05→12.09				ST70	ST65	4
307 CC (T5)	10.03→05.05				ST70	ST60	4
307 CC (T6)	06.05→03.09				ST70	ST65	4
308 CC (T7)	03.09→04.15					ST65	3
308 II (T9)	07.13→				ST60	ST45	3
308 SW (T7)	05.08→01.14					ST65	3
308 SW II (T9)	01.14→				ST60	ST45	3
4008	03.12→	WP60	WP53		ST60	ST53	1
406 Break (D8, D9)	10.96→06.04	WP60	WP53		ST60	ST53	1
406 Coupé (D8, D9)	03.97→02.05	WP65	WP50		ST65	ST50	1
407 Coupé (D2)	10.05→12.11				ST70	ST70	2
407 SW (D2)	05.04→02.11				ST70	ST70	2
5008 I (T8)	09.09→					ST70	3
5008 II (P87)	01.17→				ST70	ST40	6









EASY SET OE & UP			REAR FLAT REAR PLASTIC		HYBRID	
						
SetUP6045	E3	12				
SetUP6053	E3	12	RP12	5B	H60	H53
SetOE6540	3H-2	28	RP12	5E		
SetUP6540	E3	12				
SetUP6540	E3	12				
SetUP6540	E3	12	RP14	5D		
SetOE6540	3B-2	41				
SetOE6540	3B-2	41				
SetOE6540	3B-2	41				
SetUP5550	E3	12				
SetUP5550	E3	12				
			RP14	5D		
			RP14	5D		
			RP14	5D		
SetOE6045	3H-2	28				
			RP12	5E		
SetOE6045	3H-2	28				
SetUP6053	E3	12	RP10	5B	H60	H53
SetUP6053	E3	12				
SetOE7070	3B-2	41				
SetOE7070	3B-2	41	RP12	5E		
			RP12	5E		
			RP12	5E		








# APLICACIONES PARA AUTOMÓVILES

FOR/FÜR 	 31	METAL			SMARTTECH		
							
508 RXH	09.11→				ST65	ST65	3
508 SW	10.10→				ST65	ST65	3
Bipper (A9)	02.08→				ST65	ST48	5
Boxer (U3)	02.94→02.02	WP55	WP53		ST55	ST53	1
Boxer (U5)	02.02→05.06	WP55	WP53		ST55	ST53	1
Boxer (U9)	06.06→				ST65	ST55	3
Expert (U64)	09.95→01.07	WP65	WP50		ST65	ST50	1
Expert (G9)	02.07→	WP65	WP50		ST65	ST50	1
Expert (K0)	03.16→				ST65	ST50	5
ION	10.10→	WP70			ST70		1
Partner (M4)	07.96→08.02	WP55	WP53	WP40	ST55	ST53	1
Partner (M5)	09.02→10.11	WP55	WP53		ST55	ST53	1
Partner (B9)	05.08→				ST65	ST40	3
Ranch (M4)	07.97→08.02	WP55	WP53	WP40	ST55	ST53	1
RCZ (T75)	01.10→				ST65	ST65	3
Traveller (K0)	03.16→				ST65	ST50	5
<b>PORSCHE</b>							
911 (993)	09.93→08.97	WP45	WP40		ST45	ST40	1
911 (996)	09.97→07.04	WP55	WP53	WP55	ST55	ST53	1
911 (996T, GT2,3)	06.00→09.05	WP55	WP53	WP55	ST55	ST53	1
911 (997, 997GT3)	08.04→	WP55	WP53		ST55	ST53	1
911 (991)	11.11→				ST53	ST55	6
968	08.91→11.95	WP48	WP48	WP50	ST48	ST48	1
Boxster (986, 987)	10.96→09.12	WP55	WP53		ST55	ST53	1
Boxster (981)	04.12→08.16				ST53	ST55	6
Boxster (718)	03.16→				ST53	ST55	6
Cayenne (9PA)	09.02→01.07				ST65	ST65	2
Cayenne (9PA)	02.07→08.10				ST65	ST65	2
Cayenne (92A)	09.10→				ST65	ST65	2









EASY SET OE & UP			REAR FLAT REAR PLASTIC		HYBRID	
						
SetOE6548	3F	1				
SetUP5553	E3	12				
SetUP5553	E3	12				
SetOE6555	3H-2	28				
			RP14	5D		
SetOE6548	3F	1	RP12	5E		
			RP12	5B	H70	
SetUP5553	E3	12				
SetUP5553	E3	12				
SetOE6540	3H-2	28	RP14	5D		
SetUP5553	E3	12				
SetOE6548	3F	1	RP12	5E		
SetUP5553	E3	12				
SetUP5553	E3	12				
SetUP5553	E3	12				
SetUP4848	E3	12				
SetUP5553	E3	12				
SetOE6565	3B-2	41				
SetOE6565	3B-2	41				
SetOE6565	3B-2	41	RF15	7J		








# APLICACIONES PARA AUTOMÓVILES

FOR/FÜR 	 31	METAL			SMARTTECH		
							
Cayenne (9YA)	09.17→				ST65	ST55	6
Cayman (987C)	11.05→12.12	WP55	WP53		ST55	ST53	1
Cayman (981C)	03.13→08.16				ST53	ST55	6
Cayman (718C)	09.16→				ST53	ST55	6
Macan (95B)	03.14→				ST60	ST50	6
Panamera (970)	03.09→08.13	WP60	WP53		ST60	ST53	1
Panamera (970)	09.13→10.16				ST65	ST50	6
Panamera (971)	09.16→				ST60	ST53	6
Panamera Sport Turismo (971)	03.17→				ST60	ST53	6
RENAULT							
19 (X53)	09.88→12.01	WP50	WP50	WP48	ST50	ST50	1
Alaskan (U3)	11.17→	WP60	WP40		ST60	ST40	1
Avantime (XEO)	09.01→12.03	WP65	WP45		ST65	ST45	1
Captur (J5)	01.13→02.16				ST65	ST35	5
Captur (J5)	03.16→				ST65	ST35	1
Clio I (X57)	03.94→02.98	WP50	WP50		ST50	ST50	1
Clio II (BB./CB./SB.)	03.98→05.09	WP53	WP45		ST53	ST45	1
Clio II (Campus) (BB./CB./SB.)	06.09→12.15				ST50	ST45	5
Clio III (BR/CR)	06.05→05.07				ST60	ST40	5
Clio III (BR/CR)	06.07→12.15				ST60	ST40	5
Clio III Grandtour (KR)	08.07→12.15				ST60	ST40	5
Clio IV (BH)	05.12→				ST65	ST35	5
Clio IV Grandtour (KH)	11.12→				ST50	ST35	5
Dokker (FE/FK)	01.15→				ST55	ST40	1
Duster (HS)	10.11→09.14	WP50	WP50		ST50	ST50	1
Duster (HS)	10.14→11.16	WP60	WP45		ST60	ST45	1
Duster (HS)	12.16→				ST60	ST45	1
Espace II (J63)	01.91→09.96	WP60	WP60	WP40	ST60	ST60	1
Espace III (JE0)	10.96→10.02	WP65	WP45		ST65	ST45	1

EASY SET OE & UP			REAR FLAT REAR PLASTIC		HYBRID	
						
SetOE6555	3H-2	27				
SetUP5553	E3	12				
SetOE6050	3H-2	27	RF15	7A+7C		
SetUP6053	E3	12				
SetOE6548	3H-2	27	RF15	7A+7C		
SetOE6053	3H-2	27				
SetOE6053	3H-2	27				
SetUP5050	E3	12				
SetUP6040	E3	12			H60	H40
			RP12	5E		
SetUP5050	E3	12				
SetUP5345	E3	12				
SetOE6040	3F	1	RP14	5D		
SetOE6040	3F	1				
SetOE6040	3F	1				
			RF10	7A		
			RF10	7A		
SetUP5050	E3	12				
SetUP6045	E3	12				





# APLICACIONES PARA AUTOMÓVILES








FOR/FÜR 	 31	METAL			SMARTTECH		
							
Espace IV (JK, JK0)	11.02→				ST65		2
Espace V (JR)	04.15→					ST70	3
Express, Extra, Rapid (F40)	09.94→10.97	WP45	WP45		ST45	ST45	1
Fluence (L38)	11.09→				ST60	ST40	5
Fluence (L38)	11.09→	WP60	WP40		ST60	ST40	1
Grand Scénic II (JM.)	05.03→11.04				ST65	ST55	29
Grand Scénic II (JM.)	12.04→04.09				ST65	ST55	5
Grand Scénic III (J95)	05.09→					ST65	5
Grand Scénic IV (R9)	11.16→					ST70	3
Kadjar (HL)	06.15→	WP65	WP43		ST65	ST40	1
Kangoo I (FC./KC.)	10.97→12.07	WP50	WP50		ST50	ST50	1
Kangoo II (FW./KW.)	01.08→	WP55	WP53		ST55	ST53	1
Kangoo II (FW./KW.)	01.08→				ST55	ST53	5
Koleos (HY.)	09.08→				ST60	ST48	4
Koleos (HC)	09.17→	WP65	WP40		ST65	ST40	1
Kwid		WP60			ST60		1
Laguna I (B56, 556)	01.94→03.01	WP60	WP45	WP55	ST60	ST45	1
"Laguna I Grandtour (A56, K56, S56)"	02.95→02.01	WP60	WP45		ST60	ST45	1
Laguna II (BG.)	03.01→09.07	WP60	WP50		ST60	ST50	1
Laguna II Grandtour (KG.)	03.01→09.07	WP60	WP50		ST60	ST50	1
Laguna III (BT.)	07.07→				ST65	ST40	5
Laguna III Coupé (DT.)	02.08→				ST65	ST40	5
Laguna III Grandtour (KT.)	07.07→12.16				ST65	ST40	5
Latitude	09.10→	WP60	WP40		ST60	ST40	1
Lodgy		WP55	WP40		ST55	ST40	1
Logan I (LS)	07.04→	WP50	WP50		ST50	ST50	1
Logan II (L8)	08.12→03.15	WP53	WP50		ST53	ST50	1
Logan II (L8)	04.15→				ST55	ST48	5
Logan MCV (KS/FS)	01.07→	WP50	WP50		ST50	ST50	1

EASY SET OE & UP			REAR FLAT REAR PLASTIC		HYBRID	
						
			RP14	5D		
SetUP4545	E3	12				
SetOE6040	3F	1				
SetUP6040	E3	12				
SetOE6555	3C+3C-B	29				
SetOE6555	3F	1				
SetUP6540	E3	12			H65	H43
SetUP5050	E3	12				
SetUP5553	E3	12				
SetOE6048	3D-2	26				
SetUP6540	E3	12			H65	H40
SetUP6045	E3	12				
SetUP6045	E3	12				
			RP14	5D		
SetOE6540	3F	1				
SetOE6540	3F	1				
SetOE6540	3F	1				
SetUP6040	E3	12				
SetUP5050	E3	12				
SetUP5348	E3	12				
SetUP5050	E3	12	RP14	5D		


















# APLICACIONES PARA AUTOMÓVILES

FOR/FÜR 	 31	METAL			SMARTTECH		
							
Master I	09.80→09.97	WP60	WP60	WP55	ST60	ST60	1
Master II (X70)	10.97→04.10	WP60	WP60		ST60	ST60	1
Master III	02.10→	WP65	WP65		ST65	ST65	1
Mégane I (X64)	01.96→10.02	WP55	WP50		ST55	ST50	1
Mégane I Cabrio (X64)	09.96→09.03	WP55	WP50		ST55	ST50	1
Mégane I Classic (X64)	09.96→09.03	WP55	WP50		ST55	ST50	1
Mégane I Coupé (X64)	01.96→10.02	WP55	WP50		ST55	ST50	1
Mégane I Grandtour (X64)	07.98→10.01	WP55	WP50		ST55	ST50	1
Mégane I Grandtour (X64)	11.01→09.03	WP55	WP50		ST55	ST50	1
Mégane II (LM)	09.02→01.06	WP60	WP45		ST60	ST45	1
Mégane II (LM)	02.06→10.09				ST60	ST45	5
Mégane II Cabrio (EM)	10.03→01.06	WP60	WP45		ST60	ST45	1
Mégane II Cabrio (EM)	02.06→03.10				ST60	ST45	5
Mégane II Grandtour (KM.)	10.03→01.06	WP60	WP45		ST60	ST45	1
Mégane II Grandtour (KM.)	02.06→05.09				ST60	ST45	5
"Mégane II Hatchback (BM./CM./GM./SM.)"	11.02→01.06	WP60	WP45		ST60	ST45	1
"Mégane II Hatchback (BM./CM./GM./SM.)"	02.06→10.08				ST60	ST45	5
Mégane III CC (EZ)	10.10→				ST60	ST40	5
Mégane III Coupé (DZ)	01.09→				ST60	ST40	5
Mégane III Grandtour (KZ)	06.09→				ST60	ST40	5
Mégane III Hatchback (BZ)	11.08→				ST60	ST40	5
Mégane IV (B9)	12.15→				ST60	ST45	5
Mégane IV Grand Coupe (LV)	02.17→				ST60	ST45	5
Mégane IV Grandtour (K9)	12.15→				ST60	ST45	5
Modus (FP./JP.)	06.04→05.05				ST70	ST65	2
Modus (FP./JP.)	06.05→12.15				ST70	ST65	2
Pulse		WP53	WP35		ST53	ST35	1
Safrane (B54)	04.92→01.99	WP60	WP60	WP55	ST60	ST60	1
Safrane (B54)	02.99→12.00	WP60	WP60	WP55	ST60	ST60	1









EASY SET OE & UP			REAR FLAT REAR PLASTIC		HYBRID	
						
SetUP5550	E3	12	RP14	5D		
SetUP5550	E3	12				
SetUP5550	E3	12				
SetUP5550	E3	12				
SetUP5550	E3	12				
SetUP5550	E3	12				
SetUP5550	E3	12				
SetUP6045	E3	12				
SetOE6045	3F	1				
SetUP6045	E3	12				
SetOE6045	3F	1				
SetUP6045	E3	12				
SetOE6045	3F	1				
SetUP6045	E3	12				
SetOE6045	3F	1				
SetOE6040	3F	1				
SetOE6040	3F	1				
SetOE6040	3F	1	RP14	5D		
SetOE6040	3F	1				
SetOE6045	3F	1				
SetOE6045	3F	1				
SetOE6045	3F	1				








# APLICACIONES PARA AUTOMÓVILES

FOR/FÜR 	 31	METAL			SMARTTECH		
							
Sandero I (BS)	12.09→	WP50	WP50		ST50	ST50	1
Sandero II (B8)	12.14→03.15	WP53	WP50		ST53	ST50	1
Sandero II (B8)	04.15→				ST55	ST48	5
Scala		WP53	WP35		ST53	ST35	1
Scénic I (JA.)	01.96→04.03	WP60	WP40		ST60	ST40	1
Scénic II (JM.)	05.03→11.04				ST65	ST55	29
Scénic II (JM.)	12.04→04.09				ST65	ST55	5
Scénic III (JZ)	05.09→					ST65	5
Scénic IV (J9)	11.16→					ST70	3
Symbol (LB)	10.99→10.07	WP53	WP45		ST53	ST45	1
Symbol (LU)	10.08→				ST60	ST40	5
Symbol (L8)	03.13→03.15	WP53	WP50		ST53	ST50	1
Symbol (L8)	04.15→				ST55	ST48	5
Talisman	12.15→				ST60	ST45	5
Talisman Grandtour	03.16→				ST60	ST45	5
Thalia (LB)	10.99→10.07	WP53	WP45		ST53	ST45	1
Thalia (LU)	10.08→				ST60	ST40	5
Trafic I	09.80→05.01	WP50	WP50		ST50	ST50	1
Trafic II (EL./FL./JL.)	05.01→	WP60	WP53	WP35	ST60	ST53	1
Trafic III (EG/FG/JG)	05.14→				ST65	ST48	3
Twingo I (C0./S0.)	03.93→05.07	WP65			ST65		1
Twingo II (CN, CN/GN)	04.07→12.15				ST60	ST40	3
Twingo III (BC)	09.14→				ST50	ST35	5
Twingo III (X07)	12.15→				ST50	ST35	5
Twizy (MA)	03.12→	WP45			ST45		1
Vel Satis (BJ.)	04.02→12.09					ST65	2
Wind	04.10→				ST60	ST40	3
ZOE (BF)	01.13→				ST60	ST35	3









EASY SET OE & UP			REAR FLAT REAR PLASTIC		HYBRID	
						
SetUP5050	E3	12				
SetUP5348	E3	12				
SetUP6040	E3	12				
SetOE6555	3C+3C-B	29				
SetOE6555	3F	1				
SetUP5345	E3	12				
SetOE6040	3F	1				
SetUP5348	E3	12				
SetOE6045	3F	1				
SetOE6045	3F	1				
SetUP5345	E3	12				
SetOE6040	3F	1				
SetUP5050	E3	12				
SetUP6053	E3	12				
SetOE6548	3H-2	28				
SetOE6040	3H-2	28				
SetOE6040	3H-2	28				
			RP12	5E		







# APLICACIONES PARA AUTOMÓVILES

FOR/FÜR 	 31	METAL			SMARTTECH		
							
Alhambra (7V8)	03.96→02.00	WP70	WP60	WP40	ST70	ST60	1
Alhambra (7V9)	06.00→06.01	WP70	WP60	WP40	ST70	ST60	1
Alhambra (7V9)	07.01→03.10				ST70	ST70	2
Alhambra (710, 711)	07.10→				ST70	ST40	6
Altea (5P1)	03.04→02.09				ST65	ST65	5
Altea (5P1)	03.09→07.15				ST65	ST65	5
Altea Freetrack (5P5, 5P8)	06.07→07.15				ST65	ST65	5
Altea XL (5P5)	05.06→07.15				ST65	ST65	5
Arona (KJ7)	07.17→				ST65	ST45	6
Arosa (6H1)	02.97→02.99	WP48	WP45	WP28	ST48	ST45	1
Arosa (6H1)	03.99→06.04	WP53	WP45	WP28	ST53	ST45	1
Ateca (KH7)	04.16→				ST65	ST45	6
Cordoba (6K2)	09.93→12.02	WP53	WP48		ST53	ST48	1
Cordoba (6L2)	09.02→01.06	WP53	WP45		ST53	ST45	1
Cordoba (6L2)	02.06→11.09				ST53	ST48	3
Cordoba Vario (6K5)	04.97→08.03	WP53	WP48	WP28	ST53	ST48	1
Exeo (3R2)	12.08→08.13				ST55	ST55	
Exeo ST (3R5)	06.09→08.13				ST55	ST55	
Ibiza (6K1)	03.93→05.02	WP53	WP48	WP35	ST53	ST48	1
Ibiza (6L1)	09.01→01.06	WP53	WP45	WP35	ST53	ST45	1
Ibiza (6L1)	02.06→11.09				ST53	ST48	3
Ibiza (6J5)	02.08→08.11				ST60	ST40	3
Ibiza (6J5, 6P5)	09.11→				ST60	ST40	3
Ibiza (KJ1)	01.17→				ST65	ST40	6
Ibiza SC (6J1)	02.08→08.11				ST60	ST40	3
Ibiza SC (6J1, 6P1)	09.11→				ST60	ST40	3
Ibiza ST (6J8)	03.10→08.11				ST60	ST40	3
Ibiza ST (6J8, 6P8)	09.11→				ST60	ST40	3
Inca (6K9)	11.95→06.03	WP50	WP45	WP45	ST50	ST45	1

EASY SET OE & UP			REAR FLAT REAR PLASTIC		HYBRID	
						
SetOE7070	3B-2	41				
			RF13	7A+7E		
SetOE6565	3F	30				
SetOE6565	3F	30	RF13	7A+7D		
SetOE6565	3F	30				
SetOE6565	3F	30				
SetOE6545	3H-2	27				
SetUP4545	E3	12				
SetUP5345	E3	12				
SetOE6545	3H-2	27	RF11	7A+7E		
SetUP5348	E3	12				
SetUP5345	E3	12				
SetOE5348	3H-2	28				
SetUP5348	E3	12				
SetOE5555	3C	19				
SetOE5555	3C	19	RF13	7A+7D		
SetUP5348	E3	12				
SetUP5345	E3	12				
SetOE5348	3H-2	28				
SetOE6040	3H-2	28				
SetOE6040	3H-2	28	RF15	7A+7D		
SetOE6540	3H-2	27	RF13	7A+7E		
SetOE6040	3H-2	28				
SetOE6040	3H-2	28	RF13	7A+7D		
SetOE6040	3H-2	28				
SetOE6040	3H-2	28	RF15	7A+7D		
SetUP5045	E3	12				









# APLICACIONES PARA AUTOMÓVILES








FOR/FÜR 	 31	METAL			SMARTTECH		
							
Leon (1M1)	10.98→06.06	WP53	WP48		ST53	ST48	1
Leon (1P1)	07.05→02.09				ST65	ST65	4
Leon (1P1)	03.09→12.12				ST65	ST65	4
Leon (5F1)	09.12→				ST65	ST40	6
Leon SC (5F5)	01.13→				ST65	ST40	6
Leon SC Cupra (5F5)	01.13→				ST65	ST40	6
Leon ST (5F8)	08.13→				ST65	ST40	6
Mii (KF1)	10.11→				ST60	ST40	6
Toledo (1L2)	05.91→03.99	WP50	WP50		ST50	ST50	1
Toledo (1M2)	10.98→07.04	WP53	WP45		ST53	ST45	1
Toledo (5P2)	09.04→05.09				ST65	ST65	5
Toledo (KG3)	07.12→				ST60	ST40	6
<b>SKODA</b>							
Citigo	10.11→				ST60	ST40	6
Fabia (6Y2)	09.99→03.08	WP53	WP48		ST53	ST48	1
Fabia (5J2)	12.06→05.13				ST53	ST53	3
Fabia (5J2)	06.13→12.14				ST53	ST53	3
Fabia (NJ3)	08.14→				ST60	ST40	6
Fabia Combi (6Y5)	12.99→12.07	WP53	WP48		ST53	ST48	1
Fabia Combi (5J5)	12.06→05.13				ST53	ST53	3
Fabia Combi (5J5)	06.13→12.14				ST53	ST53	3
Fabia Combi (NJ5)	08.14→				ST60	ST40	6
Fabia Sedan (6Y3)	09.99→12.07	WP53	WP48		ST53	ST48	1
Favorit	07.93→12.98	WP50	WP50	WP40	ST50	ST50	1
Felicia (6U1)	10.94→08.01	WP50	WP50	WP40	ST50	ST50	1
Felicia Combi (6U5)	10.94→08.01	WP50	WP50	WP40	ST50	ST50	1
Felicia Fun (6UF)	08.96→03.01	WP53	WP45		ST53	ST45	1
Karoq (NU7)	07.17→				ST60	ST53	6
Kodiaq (NS7)	02.17→				ST60	ST53	6

EASY SET OE & UP			REAR FLAT REAR PLASTIC		HYBRID	
						
SetUP5348	E3	12				
SetOE6565	3D-2	26				
SetOE6565	3D-2	26	RF11	7A+7D		
SetOE6540	3H-2	27	RF13	7A+7E		
SetOE6540	3H-2	27	RF16	7A+7E		
SetOE6540	3H-2	27				
SetOE6540	3H-2	27	RF13	7A+7E		
SetOE6040	3H-2	27	RF10	7A+7E		
SetUP5050	E3	12				
SetUP5345	E3	12				
SetOE6565	3F	30				
SetOE6040	3H-2	27	RF16	7A+7E		
SetOE6040	3H-2	27	RF10	7A+7E		
SetUP5348	E3	12	RF14	7I		
SetOE5353	3H-2	28	RF13	7A+7D		
SetOE5353	3H-2	28	RF11	7A+7D		
SetOE6040	3H-2	27	RF13	7A+7E		
SetUP5348	E3	12	RF14	7I		
SetOE5353	3H-2	28	RF16	7A+7D		
SetOE5353	3H-2	28				
SetOE6040	3H-2	27	RF16	7A+7E		
SetUP5348	E3	12				
SetUP5050	E3	12				
SetUP5050	E3	12				
SetUP5050	E3	12				
SetUP5050	E3	12				
SetUP5345	E3	12				
SetOE6053	3H-2	27				
SetOE6053	3H-2	27	RF13	7A+7E		














# APLICACIONES PARA AUTOMÓVILES

FOR/FÜR 	 31	METAL			SMARTTECH		
							
Octavia (1U2)	09.96→01.03	WP53	WP48		ST53	ST48	1
Octavia (1U2)	09.96→12.10	WP53	WP48		ST53	ST48	1
Octavia (1U2)	02.03→12.10	WP53	WP48	WP35	ST53	ST48	1
Octavia (1Z3)	05.04→06.13				ST60	ST48	2
Octavia (5E3)	11.12→				ST60	ST48	6
Octavia Combi (1U5)	10.96→12.10	WP53	WP48	WP35	ST53	ST48	1
Octavia Combi (1Z5)	05.04→06.13				ST60	ST48	2
Octavia Combi (5E5)	11.12→				ST60	ST48	6
Pick-Up (6U7,787)	09.91→03.01	WP50	WP50		ST50	ST50	1
Praktik (5J7)	03.07→05.13				ST53	ST53	3
Praktik (5J7)	06.13→05.15				ST53	ST53	3
Rapid (NH3)	07.12→				ST60	ST40	6
Rapid Spaceback (NH3)	10.13→				ST60	ST40	6
Roomster (5J7)	03.06→05.13				ST53	ST53	3
Roomster (5J7)	06.13→05.15				ST53	ST53	3
Superb (3U4)	12.01→10.04				ST53	ST48	2
Superb (3U4)	11.04→03.08	WP53	WP50		ST53	ST50	1
Superb (3T4)	03.08→05.15				ST60	ST45	3
Superb (3V3)	05.15→				ST65	ST45	6
Superb Combi (3T5)	03.09→05.15				ST60	ST45	3
Superb Combi (3V5)	05.15→				ST65	ST45	6
Yeti (5L7)	05.09→				ST60	ST48	3
<b>SMART (MCC)</b>							
Forfour (454)	01.04→06.07	WP65	WP45		ST65	ST45	1
Forfour (453)	11.14→				ST50	ST35	5
Fortwo Cabrio (450)	02.04→03.07	WP53	WP53		ST53	ST53	1
Fortwo Cabrio (451)	04.07→				ST55	ST53	4
Fortwo Cabrio (453)	09.15→				ST50	ST35	5
Fortwo Coupé (450)	02.04→03.07	WP53	WP53	WP35	ST53	ST53	1

EASY SET OE & UP			REAR FLAT REAR PLASTIC		HYBRID	
						
SetUP5348	E3	12				
SetUP5348	E3	12				
SetUP5348	E3	12				
SetOE6048	3B-2	41	RF16	7A+7D		
SetOE6048	3H-2	27	RF16	7A+7E		
SetUP5348	E3	12				
SetOE6048	3B-2	41	RF16	7A+7D		
SetOE6048	3H-2	27	RF13	7A+7E		
SetUP5050	E3	12				
SetOE5353	3H-2	28	RF13	7A+7D		
SetOE5353	3H-2	28	RF13	7A+7D		
SetOE6040	3H-2	27	RF16	7A+7E		
SetOE6040	3H-2	27	RF16	7A+7E		
SetOE5353	3H-2	28	RF13	7A+7D		
SetOE5353	3H-2	28	RF13	7A+7D		
SetOE5348	3B-2	41				
SetUP5348	E3	12				
SetOE6045	3H-2	28				
SetOE6545	3H-2	27	RF16	7A+7E		
SetOE6045	3H-2	28	RF16	7A+7E		
SetOE6545	3H-2	27	RF16	7A+7E		
SetOE6048	3H-2	28	RF11	7A+7E		
SetUP5353	E3	12				
SetUP5353	E3	12				

# APLICACIONES PARA AUTOMÓVILES

FOR/FÜR		METAL			SMARTTECH		
							
Fortwo Coupé (451)	04.07→				ST55	ST53	4
Fortwo Coupé (453)	11.14→				ST50	ST35	5
Roadster (452)	04.03→11.05	WP50	WP45		ST50	ST45	1
Roadster Coupé (452)	04.03→11.05	WP50	WP45		ST50	ST45	1
Smart Cabrio (450)	03.00→01.04	WP53	WP53		ST53	ST53	1
Smart Coupé (450)	07.98→01.04	WP53	WP53	WP35	ST53	ST53	1
<b>TESLA</b>							
Model S	08.11→				ST70	ST45	3
Roadster	08.06→12.12	WP65			ST65		1
<b>TOYOTA</b>							
Auris (E15,JTN)	10.06→08.12	WP65	WP40		ST65	ST40	1
Auris (E15,NMT,SB1)	02.07→10.12	WP65	WP40		ST65	ST40	1
Auris (E18)	10.12→	WP65			ST65		1
Auris Touring Sports (E18)	07.13→	WP65			ST65		1
Avalon	09.99→08.04	WP60	WP40		ST60	ST40	1
Avensis (T22)	10.97→01.03	WP53	WP45		ST53	ST45	1
Avensis (T25)	01.03→11.08	WP60	WP40		ST60	ST40	1
Avensis (T27)	11.08→				ST65	ST40	3
Avensis Liftback (T22)	10.97→01.03	WP53	WP45	WP50	ST53	ST45	1
Avensis Liftback (T25)	01.03→11.08	WP60	WP40	WP40	ST60	ST40	1
Avensis Verso (M2)	05.01→11.09	WP65	WP40		ST65	ST40	1
Avensis Wagon (T22)	10.97→01.03	WP53	WP45	WP35	ST53	ST45	1
Avensis Wagon (T25)	01.03→11.08	WP60	WP40		ST60	ST40	1
Avensis Wagon (T27)	11.08→				ST65	ST40	3
Avenza (F601, F602)	04→16	WP50	WP40		ST50	ST40	1
Avenza (F65)	17→	WP50	WP35		ST50	ST35	1
Aygo	02.05→12.14	WP65			ST65		1
Aygo (B4)	05.14→				ST65		4
Calya	16→	WP55	WP43		ST55	ST40	1









EASY SET OE & UP			REAR FLAT REAR PLASTIC		HYBRID	
						








SetUP5045	E3	12				
SetUP5045	E3	12				
SetUP5353	E3	12				
SetUP5353	E3	12				

**REAR FLAT REAR PLASTIC**









SetUP6540	E3	12	RP12	5B	H65	H40
SetUP6540	E3	12	RP12	5A	H65	H40
			RP10	5A		
SetUP6040	E3	12				
SetUP5345	E3	12				
SetUP6040	E3	12				
SetOE6540	3H-2	28	RP12	5A		
SetUP5345	E3	12				
SetUP6040	E3	12				
SetUP6540	E3	12	RP16	5A		
SetUP5345	E3	12				
SetUP6040	E3	12	RP12	5A		
SetOE6540	3H-2	28				
			RP12	5A		








# APLICACIONES PARA AUTOMÓVILES

FOR/FÜR 	 31	METAL			SMARTTECH		
							
Camry (V1)	06.91→08.96	WP53	WP45		ST53	ST45	1
Camry (V2)	06.96→08.01	WP53	WP45		ST53	ST45	1
Camry (V3)	08.99→01.06	WP55	WP50		ST55	ST50	1
Camry (V3)	08.01→01.06	WP65	WP45		ST65	ST45	1
Camry (V4,V40)	01.06→	WP60	WP50		ST60	ST50	1
Camry (V5)	08.11→	WP65	WP45		ST65	ST45	1
Camry (V7)	04.18→	WP65	WP50		ST65	ST50	1
Camry Wagon (V1)	03.92→08.96	WP53	WP45	WP35	ST53	ST45	1
Carina E Liftback (T19)	02.92→10.97	WP53	WP45	WP50	ST53	ST45	1
Carina E Sedan (T19)	02.92→10.97	WP53	WP45		ST53	ST45	1
Carina E Wagon (T19)	11.92→10.97	WP53	WP45		ST53	ST45	1
Celica Cabrio (T20)	08.94→05.99	WP53	WP48		ST53	ST48	1
Celica Coupé (T23)	08.99→09.05	WP65	WP40	WP50	ST65	ST40	1
Celica Liftback (T20)	11.93→08.99	WP53	WP48	WP50	ST53	ST48	1
C-HR	10.16→				ST65	ST40	
Commuter	02.98→	WP48	WP48		ST48	ST48	1
Commuter	01.06→	WP55	WP55		ST55	ST55	1
Conquest (Carri)	11.98→	WP45	WP45		ST45	ST45	1
Corolla (E10)	05.92→08.98	WP50	WP45	WP40	ST50	ST45	1
Corolla (E11)	05.95→08.02	WP50	WP45	WP40	ST50	ST45	1
Corolla (E12)	08.00→08.08	WP55	WP48		ST55	ST48	1
Corolla (E12)	10.02→08.08	WP60	WP40		ST60	ST40	1
Corolla (E14,E15)	11.06→04.13	WP65			ST65		1
Corolla (E18)	06.13→	WP65			ST65		1
Corolla Hatchback (E10)	05.92→04.97	WP50	WP45	WP45	ST50	ST45	1
Corolla Hatchback (E11)	05.97→07.01	WP50	WP45	WP40	ST50	ST45	1
Corolla Hatchback (E12,SB1)	11.01→12.07	WP55	WP48		ST55	ST48	1
Corolla Hatchback (E12)	11.01→11.06	WP60	WP40		ST60	ST40	1
Corolla Hatchback (E12,JTD)	09.02→12.06	WP55	WP48		ST55	ST48	1

EASY SET OE & UP			REAR FLAT REAR PLASTIC		HYBRID	
						
SetUP5345	E3	12				
SetUP5345	E3	12				
SetUP5550	E3	12				
					H60	H50
					H65	H45
					H65	H50
SetUP5345	E3	12				
SetUP5345	E3	12				
SetUP5345	E3	12				
SetUP5345	E3	12				
SetUP5348	E3	12				
SetUP6540	E3	12				
SetUP5348	E3	12				
			RP14	5A		
SetUP4545	E3	12				
SetUP5045	E3	12				
SetUP5045	E3	12				
SetUP5548	E3	12	RP14	5B		
SetUP6040	E3	12				
SetUP5045	E3	12				
SetUP5045	E3	12				
SetUP5548	E3	12	RP14	5A		
SetUP6040	E3	12	RP14	5A		
SetUP5548	E3	12	RP14	5B		









# APLICACIONES PARA AUTOMÓVILES








FOR/FÜR 	 31	METAL			SMARTTECH		
							
Corolla Liftback (E10)	05.92→05.95	WP50	WP45	WP40	ST50	ST45	1
Corolla Liftback (E11)	05.97→11.01	WP50	WP45	WP50	ST50	ST45	1
Corolla Sedan (E10)	05.92→08.97	WP50	WP45		ST50	ST45	1
Corolla Sedan (E11)	05.95→08.02	WP50	WP45		ST50	ST45	1
Corolla Verso (E12)	09.01→01.04	WP65	WP40		ST65	ST40	1
Corolla Verso (R1)	02.04→02.09	WP65	WP40		ST65	ST40	1
Corolla Wagon (E10)	05.92→04.97	WP50	WP45	WP40	ST50	ST45	1
Corolla Wagon (E11)	04.97→09.01	WP50	WP45	WP35	ST50	ST45	1
Corolla Wagon (E12)	08.00→02.07	WP60	WP40		ST60	ST40	1
Dyna	01.97→04.03	WP43	WP43		ST40	ST40	1
Dyna	10.00→	WP50	WP50		ST50	ST50	1
Echo	09.99→	WP53	WP35		ST53	ST35	1
Estima	06→	WP70	WP40		ST70	ST40	1
Etios Valco	10→	WP65			ST65		1
Etois		WP65			ST65		1
Fortuner	01.05→	WP53	WP48		ST53	ST48	1
Fortuner (AN160)	07.15→	WP55	WP40		ST55	ST40	1
FunCargo	01.00→12.04	WP55	WP40		ST55	ST40	1
GT86	04.12→	WP55	WP50		ST55	ST50	1
Harrier	12.97→02.03	WP60	WP53		ST60	ST53	1
Harrier	02.03→	WP65	WP55		ST65	ST55	1
Hiace (LXH,RCH)	08.95→08.96	WP50	WP45	WP45	ST50	ST45	1
Hiace (LXH,RCH)	08.96→05.09	WP53	WP53	WP45	ST53	ST53	1
Hiace (KLH)	08.01→	WP53	WP53	WP45	ST53	ST53	1
Hiace Van (LH,LXH,ZH)	08.96→02.06	WP53	WP53		ST53	ST53	1
Hiace Wagon (LH,ZH)	08.96→02.06	WP53	WP53		ST53	ST53	1
Highlander	09.00→08.07	WP55	WP48		ST55	ST48	1
Highlander	09.07→	WP65	WP50		ST65	ST50	1
Hilux (N5/N6)	08.84→07.98	WP43	WP43		ST40	ST40	1

EASY SET OE & UP			REAR FLAT REAR PLASTIC		HYBRID	
						
SetUP5045	E3	12				
SetUP5045	E3	12				
SetUP5045	E3	12				
SetUP5045	E3	12				
SetUP6540	E3	12	RP14	5A		
SetUP6540	E3	12	RP12	5A		
SetUP5045	E3	12				
SetUP5045	E3	12				
SetUP6040	E3	12	RP14	5A		
SetUP5050	E3	12				
SetUP5348	E3	12	RP12	5A		
SetUP5540	E3	12	RP12	5A		
SetUP5550	E3	12			H55	H50
SetUP6053	E3	12				
SetUP5045	E3	12				
SetUP5353	E3	12				
SetUP5353	E3	12				
SetUP5353	E3	12				
SetUP5353	E3	12				
SetUP5353	E3	12				
SetUP5548	E3	12	RP12	5A		
			RP12	5A	H65	H50


















# APLICACIONES PARA AUTOMÓVILES

FOR/FÜR 	 31	METAL			SMARTTECH		
							
Hilux (N16/N17)	08.97→	WP43	WP43		ST40	ST40	1
Hilux (N15,N25,N26,N35)	07.05→	WP53	WP48		ST53	ST48	1
Hilux (Raider)	05.05→	WP53	WP48		ST53	ST48	1
Hilux (N12,N13)	06.15→	WP55	WP40		ST55	ST40	1
Hilux Vigo (TGN16, TGN26)	08.04→	WP53	WP48		ST53	ST48	1
Innova (AN140)	16→	WP65	WP40		ST65	ST40	1
Innova (AN40)	04→15	WP53	WP48		ST53	ST48	1
iQ	11.08→05.14	WP53	WP45		ST53	ST45	1
Kijang	01.96→12.04	WP53	WP45		ST53	ST45	1
Kijang Innova	02.04→	WP60	WP40		ST60	ST40	1
Land Cruiser (J7)	11.84→08.01	WP43	WP43	WP35	ST40	ST40	1
Land Cruiser (J9)	04.96→12.06	WP48	WP45	WP35	ST48	ST45	1
Land Cruiser (J10)	01.98→07.08	WP60	WP55	WP40	ST60	ST55	1
Land Cruiser (J12)	09.02→08.09	WP55	WP53	WP40	ST55	ST53	1
Land Cruiser (J20)	09.07→	WP60	WP55		ST60	ST55	1
Land Cruiser (J15)	08.09→	WP65	WP50		ST65	ST50	1
Land Cruiser Prado (J9)	04.96→09.04	WP48	WP45	WP35	ST48	ST45	1
Land Cruiser Prado (J12)	09.02→09.09	WP55	WP53	WP40	ST55	ST53	1
Land Cruiser Prado (J15)	09.09→	WP65	WP50		ST65	ST50	1
Mark X	09→	WP60	WP40		ST60	ST40	1
Mirai	16→17				ST65	ST50	
MR2 Cabrio (W3)	12.99→05.06	WP50	WP48		ST50	ST48	1
Nav	12→	WP65	WP40		ST65	ST40	1
New Altis	07.10→12.13	WP65			ST65		1
Paseo (L5)	08.95→08.99	WP50	WP45		ST50	ST45	1
Picnic	09.96→05.01	WP60	WP40	WP35	ST60	ST40	1
Picnic	08.03→	WP60	WP40		ST60	ST40	1
Prado (J120)	02→09	WP55	WP53		ST55	ST53	1
Prado (J150)	09→	WP65	WP50		ST65	ST50	1









EASY SET OE & UP			REAR FLAT REAR PLASTIC		HYBRID	
						
SetUP5348	E3	12				
SetUP5348	E3	12				
SetUP5540	E3	12			H55	H40
SetUP5348	E3	12				
SetUP5345	E3	12	RP10	5A		
SetUP4545	E3	12				
SetUP6053	E3	12				
SetUP5553	E3	12				
SetUP6053	E3	12	RP12	5A		
			RP12	5A	H65	H50
SetUP4545	E3	12			H48	H45
SetUP5553	E3	12				
			RP12	5A	H65	H50
SetUP5045	E3	12				
SetUP5045	E3	12				
SetUP6040	E3	12				
SetUP6040	E3	12	RP16	5A		

# APLICACIONES PARA AUTOMÓVILES

FOR/FÜR 	 31	METAL			SMARTTECH		
							
Previa	02.00→01.06	WP70	WP45		ST70	ST45	1
Prius (W11)	09.00→08.03	WP60	WP40		ST60	ST40	1
Prius (W20)	09.03→03.09	WP65	WP43	WP40	ST65	ST40	1
Prius (W30,W35)	04.09→	WP65	WP40	WP40	ST65	ST40	1
Prius (W50)	11.15→				ST70	ST40	
Prius + (W40)	03.12→	WP65	WP35		ST65	ST38	1
Proace	06.13→	WP65	WP50		ST65	ST50	1
Proace (K0)	02.16→				ST65	ST50	5
Proace Verso (K0)	02.16→				ST65	ST50	5
Qualis	01.99→11.04	WP40	WP40		ST40	ST40	1
RAV4 (A1)	04.94→08.00	WP50	WP45	WP35	ST50	ST45	1
RAV4 (A2)	05.00→01.06	WP60	WP48		ST60	ST48	1
RAV4 (A3)	11.05→11.12	WP60	WP43		ST60	ST40	1
RAV4 (A4)	12.12→	WP65	WP40		ST65	ST40	1
RAV4 Cabrio (A1)	11.95→08.00	WP50	WP45		ST50	ST45	1
Rush	06→	WP53	WP45		ST53	ST45	1
Sequoia	09.07→	WP48	WP48		ST48	ST48	1
Sienna	09.06→	WP65	WP48		ST65	ST48	1
Sienna	01.10→	WP60	WP50		ST60	ST50	1
Solara	09.98→08.03	WP55	WP53		ST55	ST53	1
Solara	09.03→08.08	WP60	WP48		ST60	ST48	1
Starlet (P9)	01.96→07.99	WP50	WP45	WP40	ST50	ST45	1
Town Ace	02.08→	WP48	WP48		ST48	ST48	1
Tundra	11.06→				ST65	ST55	4
Urban Cruiser (P1)	01.09→12.16	WP60			ST60		1
Vellfire	07→12	WP70	WP35		ST70	ST35	1
Ventury	02.05→	WP55	WP55		ST55	ST55	1
Venza	02.09→	WP65	WP55		ST65	ST55	1
Verso (R2)	02.09→	WP65	WP40		ST65	ST40	1









EASY SET OE & UP			REAR FLAT REAR PLASTIC		HYBRID	
						
			RP16	5A		
SetUP6040	E3	12				
SetUP6540	E3	12				
SetUP6540	E3	12			H65	H40
			RP10	5A	H65	H35
			RP14	5D		
SetOE6548	3F	1	RP12	5E		
SetOE6548	3F	1	RP12	5E		
SetUP5045	E3	12				
SetUP6045	E3	12	RP12	5A		
SetUP6040	E3	12	RP12	5A	H60	H43
SetUP6540	E3	12	RP10	5A		
SetUP5045	E3	12				
SetUP4848	E3	12				
					H60	H50
SetUP5553	E3	12				
SetUP6045	E3	12				
SetUP5045	E3	12				
			RP12	5A	H65	H55
SetUP6540	E3	12	RP12	5A	H65	H40








# APLICACIONES PARA AUTOMÓVILES

FOR/FÜR 	 31	METAL			SMARTTECH		
							
Verso-S	11.10→12.15	WP70			ST70		1
Vios	03→07	WP50	WP35		ST50	ST35	1
Vios	07→	WP60	WP35		ST60	ST35	1
Wish (AE10)	03→09	WP65	WP35		ST65	ST35	1
Wish (AE20)	09→	WP60	WP35		ST60	ST35	1
Yaris (P1)	01.99→08.05	WP53	WP35		ST53	ST38	1
Yaris (P9,JTD)	08.05→07.11	WP60			ST60		1
Yaris (P9,VNK)	11.05→07.11	WP60			ST60		1
Yaris (P13)	07.11→	WP70			ST70		1
Yaris (F) (P1)	01.01→08.06	WP53	WP35		ST53	ST38	1
Yaris Verso (P2)	08.99→11.02	WP55	WP40	WP40	ST55	ST40	1
Yaris Verso (P2)	12.02→09.05	WP55	WP40		ST55	ST40	1
VOLVO							
C30	10.06→07.10				ST65	ST50	3
C30	10.06→				ST65	ST48	3
C30	08.10→				ST65	ST50	3
C70 Coupé	01.97→07.02	WP53	WP53		ST53	ST53	1
C70 I Cabrio	02.98→03.06	WP53	WP53		ST53	ST53	1
C70 II Cabrio	03.06→12.13				ST65	ST48	3
S40 I	09.95→01.04	WP50	WP50		ST50	ST50	1
S40 II (P11)	12.03→12.12				ST65	ST48	6
S40 II (P11)	12.03→08.05				ST65	ST50	2
S40 II (P11)	08.05→12.12				ST65	ST50	3
S60 Cross Country	08.15→				ST65	ST50	3
S60 I	11.00→07.04	WP60	WP53		ST60	ST53	1
S60 I	08.04→07.09				ST60	ST53	4
S60 II	11.10→				ST65	ST50	3
S70	01.97→07.00	WP53	WP53		ST53	ST53	1
S80 I	08.98→07.04	WP60	WP53		ST60	ST53	1











# APLICACIONES PARA AUTOMÓVILES

FOR/FÜR 		METAL			SMARTTECH		
							
S80 I	08.04→07.06				ST60	ST53	4
S80 II	03.06→				ST65	ST50	3
S90 I	01.97→05.98	WP53	WP53		ST53	ST53	1
S90 II	03.16→				ST60	ST50	6
V40 Cross Country	01.13→				ST65	ST48	3
V40 I	01.95→08.04	WP50	WP50		ST50	ST50	1
V40 I	01.95→08.04	WP50	WP50	WP40	ST50	ST50	1
V40 I	05.00→08.04	WP50	WP50		ST50	ST50	1
V40 II	09.12→				ST65	ST48	3
V50	04.04→12.12				ST65	ST48	6
V50	04.04→07.05				ST65	ST50	2
V50	08.05→12.12				ST65	ST50	3
V60	09.10→06.15				ST65	ST50	3
V60	09.10→				ST65	ST48	3
V60	06.15→				ST65	ST50	3
V60 Cross Country	08.15→				ST65	ST50	3
V70 I	01.97→03.00	WP53	WP53	WP43	ST53	ST53	1
V70 II	03.00→07.03	WP60	WP53	WP40	ST60	ST53	1
V70 II	03.00→07.04	WP60	WP53		ST60	ST53	1
V70 II	08.03→07.04	WP60	WP53		ST60	ST53	1
V70 II	08.04→07.07				ST60	ST53	4
V70 III	08.07→				ST65	ST50	3
V90 Cross Country	02.17→				ST60	ST50	6
V90 I	01.97→07.98	WP53	WP53		ST53	ST53	1
V90 II	03.16→				ST60	ST50	6
XC40	12.17→				ST60	ST50	6
XC60 I	03.09→07.17				ST65	ST50	3
XC60 I	03.09→07.10				ST65	ST50	3
XC60 I	08.10→07.17				ST65	ST50	3

EASY SET OE & UP			REAR FLAT REAR PLASTIC		HYBRID	
						
SetOE6053	3D-2	26				
SetOE6548	3H-2	28				
SetUP5353	E3	12				
SetOE6050	3H-2	27				
SetOE6548	3H-2	28	RF11	7A+7D		
SetUP5050	E3	12				
SetUP5050	E3	12				
SetUP5050	E3	12				
SetOE6548	3H-2	28	RF11	7A+7D		
SetOE6548	3B-2, 3H-2	27				
SetOE6548	3B-2	41				
SetOE6548	3H-2	28				
SetOE6548	3H-2	28				
SetOE6548	3H-2	28				
SetOE6548	3H-2	28				
SetOE6548	3H-2	28				
SetOE6548	3H-2	28				
SetUP5353	E3	12				
SetUP6053	E3	12				
SetUP6053	E3	12				
SetUP6053	E3	12	RP14	5D		
SetOE6053	3D-2	26				
SetOE6548	3H-2	28	RF14	7A		
SetUP5353	E3	12				
			RF14	7A		
SetOE6050	3H-2	27				
SetOE6548	3H-2	28				
SetOE6548	3H-2	28	RF15	7A		
SetOE6548	3H-2	28	RP14	5D		










# APLICACIONES PARA AUTOMÓVILES

FOR/FÜR 	 31	METAL			SMARTTECH		
							
XC60 II	03.17→				ST65	ST50	3
XC70 I	08.02→07.03	WP60	WP53	WP40	ST60	ST53	1
XC70 I	08.02→07.04	WP60	WP53		ST60	ST53	1
XC70 I	08.03→07.04	WP60	WP53		ST60	ST53	1
XC70 I	08.04→07.07				ST60	ST53	4
XC70 II	08.07→				ST65	ST50	3
XC90 I	10.02→07.04	WP60	WP50		ST60	ST50	1
XC90 I	08.04→07.06				ST60	ST53	4
XC90 I	08.06→07.10				ST60	ST53	4
XC90 I	08.10→07.16				ST60	ST53	4
XC90 II	06.15→				ST60	ST50	6
<b>VW</b>							
Cross Santana	02.16→				ST60	ST40	6
Gran Santana	03.15→				ST60	ST40	6
Lamando	04.15→				ST60	ST50	6
Magotan	01.07→04.11				ST60	ST48	6
Passat	04.11→				ST60	ST48	6
Sagitar	01.06→				ST60	ST48	6
Santana New	06.14→				ST60	ST40	6
<b>VW (VOLKSWAGEN)</b>							
Amarok (2H)	09.10→04.12	WP60	WP53		ST60	ST53	1
Amarok (2H)	05.12→10.16				ST60	ST60	6
Amarok (S6,S7)	06.16→				ST60	ST60	6
Ameo		WP60	WP40		ST60	ST40	1
Arteon (3H7)	03.17→				ST65	ST48	6
Beetle (5C1,5C2)	04.11→				ST53	ST53	6
Beetle Cabriolet (5C7,5C8)	01.13→				ST53	ST53	6
Bora (1J2)	09.98→05.02	WP53	WP48		ST53	ST48	1
Bora (1J2)	06.02→05.05				ST53	ST45	2










# APLICACIONES PARA AUTOMÓVILES

FOR/FÜR 	 31	METAL			SMARTTECH		
							
Bora Variant (1J6)	09.98→05.02	WP53	WP48	WP35	ST53	ST48	1
Bora Variant (1J6)	06.02→05.05				ST53	ST45	2
Caddy (9K9)	11.95→06.03	WP53	WP45	WP45	ST53	ST45	1
Caddy (2K)	02.04→08.10				ST60	ST48	6
Caddy (2K)	02.04→10.06				ST60	ST45	2
Caddy (2K)	11.06→08.10				ST60	ST45	3
Caddy (2C)	09.10→05.15				ST60	ST45	3
Caddy (SA)	05.15→05.17				ST60	ST45	3
Caddy (SA)	06.17→				ST60	ST45	6
Caddy Pickup (9U7)	06.96→12.00	WP53	WP45		ST53	ST45	1
California T4 (70,7D)	09.90→06.03	WP53	WP50	WP40	ST53	ST50	1
California T5 (7H, 7E)	02.03→05.13				ST60	ST60	2
California T5 (7H, 7E)	02.03→05.13	WP60	WP53		ST60	ST53	1
California T5 (7E)	06.13→08.15				ST60	ST60	6
California T6 (SG)	04.15→				ST60	ST60	6
Caravelle T4 (70,7D)	09.90→06.03	WP53	WP50	WP40	ST53	ST50	1
Caravelle T5 (7H, 7E)	02.03→05.13				ST60	ST60	2
Caravelle T5 (7H, 7E)	02.03→05.13	WP60	WP53		ST60	ST53	1
Caravelle T5 (7E)	06.13→08.15				ST60	ST60	6
Caravelle T6 (SG)	04.15→				ST60	ST60	6
CC(358)	11.11→12.16				ST60	ST48	6
Crafter (2E)	04.06→12.16				ST65	ST60	4
Crafter (SY,SZ)	09.16→				ST70	ST65	6
e-Golf (BE1)	03.14→				ST65	ST45	6
Eos (1F7,1F8)	05.06→08.15				ST60	ST48	3
e-up! (BL1)	07.13→06.16				ST60	ST40	6
e-up! (BL2)	08.16→				ST60	ST40	6
Eurovan (70)	09.91→08.01	WP53	WP50	WP40	ST53	ST50	1
Fox (5Z1)	04.05→12.12	WP53	WP35		ST53	ST38	1









EASY SET OE & UP			REAR FLAT REAR PLASTIC		HYBRID	
						
SetUP5348	E3	12				
SetOE5348	3B-2	41				
SetUP5345	E3	12				
SetOE6048	3B-2, 3H-2	27	RF16	7A+7D		
SetOE6045	3B-2	41				
SetOE6045	3H-2	28				
SetOE6045	3H-2	28	RF16	7A+7D		
SetOE6045	3H-2	28	RF16	7A+7E		
SetOE6045	3H-2	27	RF16	7A+7E		
SetUP5345	E3	12				
SetUP5348	E3	12				
SetOE6060	3B-2	41	RF18	7A+7D		
SetUP6053	E3	12	RF18	7A+7D		
SetOE6060	3H-2	27				
SetOE6060	3H-2	27	RF16	7A+7E		
SetUP5348	E3	12				
SetOE6060	3B-2	41				
SetUP6053	E3	12				
SetOE6060	3H-2	27	RF16	7A+7D		
SetOE6060	3H-2	27	RF18	7A+7D		
SetOE6048	3H-2	27				
			RF17	7A+7C		
SetOE6545	3H-2	27	RF11	7A+7E		
SetOE6048	3H-2	28				
SetOE6040	3H-2	27	RF10	7A+7E		
SetOE6040	3H-2	27	RF10	7A+7E		
SetUP5348	E3	12				








# APLICACIONES PARA AUTOMÓVILES

FOR/FÜR 	 31	METAL			SMARTTECH		
							
Golf Alltrack (BA5, BV5)	11.14→				ST65	ST45	3
Golf III (1H1)	11.91→12.97	WP53	WP48	WP35	ST53	ST48	1
Golf III Cabriolet (1E7)	09.93→04.98	WP53	WP48		ST53	ST48	1
Golf III Variant (1H5)	07.93→02.99	WP53	WP48	WP35	ST53	ST48	1
Golf IV (1J1)	10.97→05.02	WP53	WP48	WP35	ST53	ST48	1
Golf IV (1J1)	06.02→06.05				ST53	ST45	2
Golf IV Cabriolet (1E7)	04.98→06.02	WP53	WP48		ST53	ST48	1
Golf IV Variant (1J5)	05.99→05.02	WP53	WP48	WP35	ST53	ST48	1
Golf IV Variant (1J5)	06.02→06.06				ST53	ST45	2
Golf Plus (5M1,521)	01.05→02.14				ST70	ST70	2
Golf Plus (5M1)	01.05→05.09				ST70	ST70	2
Golf Plus (521)	01.09→02.14				ST70	ST70	2
Golf Sportsvan (AM1)	02.14→				ST70	ST40	6
Golf V (1K1)	10.03→11.08				ST60	ST48	6
Golf V (1K1)	10.03→10.05				ST60	ST48	2
Golf V (1K1)	11.05→11.08				ST60	ST48	3
Golf V Variant (1K5)	05.07→07.09				ST60	ST48	3
Golf VI (5K1)	10.08→11.12				ST60	ST48	3
Golf VI Cabriolet (517)	03.11→05.16				ST60	ST48	6
Golf VI Variant (AJ5)	06.09→04.13				ST60	ST48	3
Golf VII (5G1, BQ1)	08.12→				ST65	ST45	3
Golf VII Variant (BA5, BV5)	04.13→				ST65	ST45	3
Jetta (1K2)	01.05→10.10				ST60	ST48	6
Jetta (1K2)	01.05→11.05				ST60	ST48	2
Jetta (1K2)	12.05→10.10				ST60	ST48	3
Jetta (162,163,AV2)	02.11→				ST60	ST48	6
LT (2D,2H)	05.96→04.06	WP60	WP53		ST60	ST53	1
Lupo (6X1)	06.98→05.03	WP53	WP48	WP28	ST53	ST48	1
Lupo (6X1)	06.03→07.05	WP48	WP45	WP28	ST48	ST45	1

EASY SET OE & UP			REAR FLAT REAR PLASTIC		HYBRID	
						
SetOE6545	3H-2	28	RF11	7A+7E		
SetUP5348	E3	12				
SetUP5348	E3	12				
SetUP5348	E3	12				
SetUP5348	E3	12				
SetOE5348	3B-2	41				
SetUP5348	E3	12				
SetUP5348	E3	12				
SetOE5348	3B-2	41				
SetOE7070	3B-2	41				
SetOE7070	3B-2	41	RF13	7A+7D		
SetOE7070	3B-2	41	RF13	7A+7E		
			RF11	7A+7E		
SetOE6048	3B-2, 3H-2	27	RF13	7A+7D		
SetOE6048	3B-2	41	RF13	7A+7D		
SetOE6048	3H-2	28				
SetOE6048	3H-2	28	RF13	7A+7D		
SetOE6048	3H-2	28	RF11	7A+7E		
SetOE6048	3H-2	27				
SetOE6048	3H-2	28	RF13	7A+7D		
SetOE6545	3H-2	28	RF11	7A+7E		
SetOE6545	3H-2	28	RF11	7A+7E		
SetOE6048	3B-2, 3H-2	27				
SetOE6048	3B-2	41				
SetOE6048	3H-2	28				
SetOE6048	3H-2	27				
SetUP6053	E3	12				
SetUP5348	E3	12				
SetUP4545	E3	12				

# APLICACIONES PARA AUTOMÓVILES








FOR/FÜR 	 31	METAL			SMARTTECH		
							
Maggiolino (Beetle) (5C1)	04.11→06.16				ST53	ST53	6
Multivan T4 (70,7D)	09.90→06.03	WP53	WP50	WP40	ST53	ST50	1
Multivan T5 (7H, 7E)	02.03→05.13				ST60	ST60	2
Multivan T5 (7H, 7E)	02.03→05.13	WP60	WP53		ST60	ST53	1
Multivan T5 (7E)	06.13→08.15				ST60	ST60	6
Multivan T6 (SG)	04.15→				ST60	ST60	6
New Beetle (1C1,9C1)	01.98→12.10	WP53	WP53		ST53	ST53	1
New Beetle Cabriolet (1Y7)	01.03→10.10	WP53	WP53		ST53	ST53	1
Passat (35I,12)	04.88→03.97	WP53	WP53		ST53	ST53	1
Passat (3B2)	10.96→11.00	WP53	WP50		ST53	ST50	1
Passat (3B3)	10.00→10.01	WP53	WP50		ST53	ST50	1
Passat (3B3)	11.01→05.05				ST53	ST48	2
Passat (3C2)	03.05→11.10				ST60	ST48	3
Passat (362)	08.10→11.11				ST60	ST48	3
Passat (362)	08.11→12.14				ST60	ST48	3
Passat (3G2)	08.14→				ST65	ST48	6
Passat Alltrack (365)	01.12→12.14				ST60	ST48	6
Passat Alltrack (3G5)	05.15→				ST65	ST48	6
Passat CC (357)	05.08→11.11				ST60	ST48	3
Passat CC (357)	12.11→05.12				ST60	ST48	6
Passat Variant (35I,15)	04.88→03.97	WP53	WP53	WP40	ST53	ST53	1
Passat Variant (3B5)	01.97→11.00	WP53	WP50	WP35	ST53	ST50	1
Passat Variant (3B6)	10.00→10.01	WP53	WP50	WP35	ST53	ST50	1
Passat Variant (3B6)	11.01→05.05				ST53	ST48	2
Passat Variant (3C5)	08.05→11.10				ST60	ST48	3
Passat Variant (365)	08.10→11.11				ST60	ST48	3
Passat Variant (365)	08.11→12.14				ST60	ST48	6
Passat Variant (3G5)	08.14→				ST65	ST48	6
Phaeton (3D)	05.02→03.16				ST65	ST53	2

EASY SET OE & UP			REAR FLAT REAR PLASTIC		HYBRID	
						
SetOE5353	3H-2	27				
SetUP5348	E3	12				
SetOE6060	3B-2	41	RF18	7A+7D		
SetUP6053	E3	12	RF18	7A+7D		
SetOE6060	3H-2	27	RF16	7A+7D		
SetOE6060	3H-2	27	RF16	7A+7E		
SetUP5353	E3	12				
SetUP5353	E3	12				
SetUP5353	E3	12				
SetUP5348	E3	12				
SetUP5348	E3	12				
SetOE5348	3B-2	41				
SetOE6048	3H-2	28				
SetOE6048	3H-2	28				
SetOE6048	3H-2	28				
SetOE6548	3H-2	27				
SetOE6048	3H-2	27	RF11	7A+7D		
SetOE6548	3H-2	27	RF13	7A+7E		
SetOE6048	3H-2	28				
SetOE6048	3H-2	27				
SetUP5353	E3	12				
SetUP5348	E3	12				
SetUP5348	E3	12				
SetOE5348	3B-2	41				
SetOE6048	3H-2	28	RF11	7A+7D		
SetOE6048	3H-2	28	RF11	7A+7D		
SetOE6048	3H-2	27	RF11	7A+7D		
SetOE6548	3H-2	27				

















# APLICACIONES PARA AUTOMÓVILES

FOR/FÜR 	 31	METAL			SMARTTECH		
							
Polo (6N1)	10.94→12.99	WP48	WP48	WP28	ST48	ST48	1
Polo (6N2)	07.98→09.01	WP48	WP48		ST48	ST48	1
Polo (9N1)	09.01→05.02	WP53	WP48		ST53	ST48	1
Polo (9N1)	09.01→09.02	WP53	WP48	WP28	ST53	ST48	1
Polo (9N1)	06.02→06.05				ST53	ST40	2
Polo (9N1)	10.02→06.05				ST53	ST40	2
Polo (9N3)	04.05→08.05	WP53	WP43		ST53	ST40	1
Polo (9N3)	05.05→12.09				ST53	ST48	3
Polo (9N3)	04.05→12.09				ST53	ST48	3
Polo (6R1,6C1)	06.09→				ST60	ST40	6
Polo (AW1)	06.17→				ST65	ST45	3
Polo Classic (6V2)	11.95→09.01	WP53	WP45		ST53	ST45	1
Polo Classic (9N4)	04.05→02.10				ST53	ST48	3
Polo Playa (9V4)	10.98→10.02	WP50	WP45		ST50	ST45	1
Polo Sedan (602,612,614)	09.10→	WP60	WP40		ST60	ST40	1
Polo Sedan (602)	09.10→				ST60	ST40	6
Polo Variant (6V5)	05.97→09.01	WP53	WP45	WP28	ST53	ST45	1
Scirocco (137,138)	08.08→				ST60	ST48	3
Sharan (7M8)	09.95→02.00	WP70	WP60	WP40	ST70	ST60	1
Sharan (7M9,7M6)	04.00→05.01	WP70	WP65	WP40	ST70	ST65	1
Sharan (7M9,7M6)	06.01→03.10				ST70	ST70	2
Sharan (7N1,7N2)	05.10→				ST70	ST40	6
Tiguan (5N1,5N2)	11.07→				ST60	ST53	3
Tiguan (AD1, BT1)	01.16→				ST65	ST55	6
Tiguan Allspace (BW2)	03.17→				ST65	ST55	6
Touareg (7LA,7L6)	11.02→08.07				ST65	ST65	2
Touareg (7L6)	06.07→05.10				ST65	ST65	2
Touareg (7P5)	01.10→				ST65	ST65	2
Touareg (7P6)	08.14→				ST65	ST65	2
Touran (1T3)	05.10→05.15				ST60	ST45	3

EASY SET OE & UP			REAR FLAT REAR PLASTIC		HYBRID	
						
SetUP4848	E3	12				
SetUP4848	E3	12				
SetUP5348	E3	12				
SetUP5348	E3	12				
			RF13	7A+7D		
			RF13	7A+7D		
SetOE5348	3H-2	28	RF11	7A+7D		
SetOE5348	3H-2	28	RF11	7A+7D		
SetOE6040	3H-2	27	RF11	7A+7E		
SetOE6545	3H-2	28	RF11	7A+7E		
SetUP5345	E3	12				
SetOE5348	3H-2	28				
SetUP5045	E3	12				
SetUP6040	E3	12				
SetOE6040	3H-2	27				
SetUP5345	E3	12				
SetOE6048	3H-2	28	RF10	7A+7E		
SetOE7070	3B-2	41				
			RF13	7A+7E		
SetOE6053	3H-2	28	RF13	7A+7D		
SetOE6555	3H-2	27				
SetOE6555	3H-2	27				
SetOE6565	3B-2	41	RF13	7A+7D		
SetOE6565	3B-2	41	RF13	7A+7D		
SetOE6565	3B-2	41	RF15	7J		
SetOE6565	3B-2	41	RF15	7J		
SetOE6045	3H-2	28	RF13	7A+7E		

# APLICACIONES PARA AUTOMÓVILES

FOR/FÜR 	 31	METAL			SMARTTECH		
							
Touran (5T1)	05.15→				ST70	ST40	6
Touran (1T1,1T2) GEG	02.03→05.10				ST70	ST70	2
Touran (1T1) GEG	02.03→11.06				ST70	ST70	2
Touran (1T2) GEG	11.06→05.10				ST70	ST70	2
Touran (1T1,1T2) GLF	02.03→05.10				ST60	ST48	6
Touran (1T1) GLF	02.03→11.06				ST60	ST45	2
Touran (1T2) GLF	11.06→05.10				ST60	ST45	3
Transporter T4 (70,7D)	09.90→06.03	WP53	WP50	WP40	ST53	ST50	1
Transporter T5 (7E, 7F, 7H, 7J)	02.03→05.13				ST60	ST60	2
Transporter T5 (7E, 7F)	06.13→08.15				ST60	ST60	6
Transporter T5 (7E, 7F, 7H, 7J) KUR	02.03→05.13	WP60	WP53		ST60	ST53	1
Transporter T6 (SF,SG)	04.15→				ST60	ST60	6
T-Roc	07.17→				ST65	ST50	6
up! (121,122)	12.11→				ST60	ST40	6
Vento (1H2)	11.91→12.97	WP53	WP48		ST53	ST48	1

EASY SET OE & UP			REAR FLAT REAR PLASTIC		HYBRID	
						
			RF11	7A+7E		
SetOE7070	3B-2	41				
SetOE7070	3B-2	41				
SetOE7070	3B-2	41	RF16	7A+7D		
SetOE6048	3B-2, 3H-2	27				
SetOE6045	3B-2	41	RF16	7A+7D		
SetOE6045	3H-2	28	RF16	7A+7D		
SetUP5348	E3	12				
SetOE6060	3B-2	41	RF16	7A+7D		
SetOE6060	3H-2	27	RF16	7A+7D		
SetUP6053	E3	12	RF18	7A+7D		
SetOE6060	3H-2	27	RF16	7A+7E		
SetOE6548	3H-2	27				
SetOE6040	3H-2	27	RF10	7A+7E		
SetUP5348	E3	12				





# APLICACIONES HEAVY DUTY









# APLICACIONES HEAVY DUTY

FOR/FÜR		HEAVY DUTY	
			
<b>E. AUWÄRTER</b>			
B 13/42/1		HD80	HD80
CLUBSTAR	03→	HD100B	HD100B
CLUBSTAR		HD100A	HD100A
CLUBSTAR 813/42-1, 913/48		HD80	HD80
CLUBSTAR MB1223		HD100B	HD100B
EUROSTAR HD/HDS, K 112 T		HD100A	HD100A
EUROSTAR SHD 0 404	96→	HD100B	HD100B
PANORAMA		HD100A	HD100A
PANORAMA (MB 818)	03→	HD100B	HD100B
SUPER SPRINTER MB 416 / MB 616		HD60C	HD55
TEAMSTAR 613/41, L613 D		HD80	HD80
TEAMSTAR MB 0815		HD100B	HD100B
TEAMSTAR CITY 811D, 814D	87→	HD100A	HD100A
TEAMSTAR CITY MB 818 D Varío	96→	HD100B	HD100B
<b>AMZ</b>			
CS12LF		HD100A	HD100A
<b>AVIA</b>			
1000, 1250, 1601, 1602, 2000		HD50	HD50
3601, 3602, 5601, 5603		HD50	HD50
F260, F275		HD50	HD50
<b>AYATS</b>			
ATLAS	94→	HD100A	HD100A
BRAVO I	94→	HD100A	HD100A
BRAVO I		HD100B	HD100B
BRAVO I		HD100A	HD100A
PLATINUM		HD100A	HD100A
<b>BARREIROS DODGE</b>			
C14 / C16	11.79→	WP45	WP45
C3864	02.80→	WP45	WP45





FOR/FÜR		HEAVY DUTY	
			
C38T1 / C3464	04.79→	WP45	WP45
<b>BEDFORD</b>			
HA-VAN	06.79→	WP40	WP40
MIDI	07.85→	WP45	WP45
RASCAL	88→	WP40	WP40
TH BLITZ SÉRIE	01.74→	HD60C	HD60C
TK SERIE	01.78→	HD50	HD50
TL SERIE	80→92	HD55	HD55
TM SERIE	74→	HD50	HD50
TX SERIE	80→	HD50	HD50
<b>BERKHOF</b>			
2000 NL		HD90A	HD90A
2000 NL		HD100A	HD100A
AMBASSADOR Ambassador 120 / 200	00→	HD100B	HD100B
AXIAL 30		HD100A	HD100A
AXIAL 50	94→	HD100A	HD100A
AXIAL 70	94→	HD100A	HD100A
AXIAL 70	94→	HD65B	HD65B
AXIAL 100	99→	HD100A	HD100A
AXIAL 100	99→	HD65B	HD65B
CLUBBUS		HD100B	HD100B
EXCELLENCE 500		HD100A	HD100A
EXCELLENCE 2000 HL		HD80	HD80
EXCELLENCE 3000		HD100A	HD100A
EXCELLENCE 3000 HLE / HD		HD80	HD80
JUNIOR MIDIBUS		HD90A	HD90A
PREMIER	98→	HD100A	HD100A
RADIAL	98→	HD100A	HD100A
BEULAS			
AURA		HD100B	HD100B

FOR/FÜR		HEAVY DUTY	
			
EUROSTAR E		HD100A	HD100A
GIANINO		HD80	HD80
GLORY		HD100B	HD100B
GLORY		HD80	HD80
MIDI STAR		HD100A	HD100A
STERGO E		HD100A	HD100A
<b>BHARATBENZ</b>			
HDT HDT 3128 C HDT 3128 C		HD65B	HD65B
R : 1617 / 1623 / 2523 / 3123 / 3723		HD65B	HD65B
<b>BOVA</b>			
ALLIANCE CITY B90 / 91		HD100A	HD100A
ALLIANCE ÜBERLAND		HD100A	HD100A
DAB SERVICEBUS		HD100A	HD100A
EL EL 24-480		HD80	HD80
EL EL 24-581, EL 26-581		HD80	HD80
EL EL 24-605, EL 26-605		HD80	HD80
FUTURA FH 10, FH 12, FH 13	85→	HD100A	HD100A
FUTURA FH 14 Magnum, FH 15 Magnum	85→	HD100A	HD100A
FUTURA FHD 10-340XE... 15-430XE		HD100A	HD100A
FUTURA FHD 14		HD100A	HD100A
FUTURA FL 12, FL 15 Magnum	85→	HD100A	HD100A
FUTURA FLD 12, FLD 15		HD100A	HD100A
MAGIQ	02.00→	HD100A	HD100A
MAGIQ HD 120 - 340XE / 380XE	04→	HD100A	HD100A
MB 0614		HD60C	HD60C
METRORIDER FHM / FHD		HD100A	HD100A
<b>BYD</b>			
eBUS (METROLINE)		HD90A	HD90A
<b>CAETANO</b>			
ALGAVE	01.85→	HD100A	HD100A

FOR/FÜR		HEAVY DUTY	
			
CITY GOLD	96→	HD70A	HD70A
COBUS Cobus 2500 EL		HD90B	HD90B
DELTA Delta II	94→	HD100A	HD100A
OPTIMO IV	96→	HD80	HD80
<b>CAMO</b>			
JUPITER 4.5	96→	HD100A	HD100A
<b>CARBUS</b>			
EGA	96→	HD100A	HD100A
ERGABIA	94→	HD100A	HD100A
<b>CARRIER</b>			
SCOLER 2	01.00→	HD100A	HD100A
<b>CARSER</b>			
CARRIER		HD100A	HD100A
<b>CASTROSUA</b>			
CS 40 CS 40 City / Bus urbain	86→	HD70A	HD70A
CS 41 CS 40 Inter City / Bus urbain	86→	HD80	HD80
MASTER 36	96→	HD100B	HD100B
<b>CITROËN</b>			
BERLINGO 2	05.08→	WP65	WP65
C15	10.95→	WP45	WP45
C25	12.81→02.94	HD50	HD50
C32	12.81→02.94	HD50	HD50
C35	11.73→12.91	HD50	HD50
DISPATCH 1	10.95→12.06	HD65B	HD50
JUMPER 1	02.94→06.06	HD55	HD55
JUMPER 2	07.06→	WP65	WP65
JUMPY 1	10.95→12.06	HD65B	HD50
RELAY 1	02.94→06.06	HD55	HD55
<b>DAF</b>			
CF 65 / 75 / 85	03.98→05.13	HD60C	HD60C



# APLICACIONES HEAVY DUTY

FOR/FÜR		HEAVY DUTY	
			
CF CF (Euro 6)	06.13→	HD60C	HD60C
F 500-F 3600 500 / 700 / 900 / 1100 / 1300 / 1500	01.75→92	HD60C	HD60C
F 500-F 3602 1600 - 3600	01.73→92	HD50	HD50
F 55-95 55	01.93→01	HD50	HD50
F 55-95 65	01.93→98	HD60C	HD60C
F 55-95 65	01.93→98	HD60C	HD60C
F 55-95 75	01.92→98	HD60C	HD60C
F 55-95 75	01.92→98	HD60C	HD60C
F 55-95 85	01.92→98	HD60C	HD60C
F 55-95 85	01.92→98	HD60C	HD60C
F 55-95 95	06.91→02.97	HD55	HD55
LF 45	04.01→13	HD60A	HD60A
LF 55	04.01→13	HD60A	HD60A
LF (Euro 6)	13→	HD60B	HD60B
N 2800-N 3300 N 2800, N 3300	01.79→12.86	HD60C	HD60C
XF 95	03.97→	HD55	HD55
XF 95	03.97→	HD55	HD55
XF 105	03.06→	HD55	HD55
XF 105	03.06→	HD55	HD55
XF - 510 (Euro 6)	03.13→	HD55	HD55
XF - 510 (Euro 6)	03.13→	HD55	HD55

## DAIHATSU

DELTA CARRY 01.81→

## DENNIS

RS 130/131/133 01.82→ HD60C HD60C

## DODGE

100 SERIE 01.79→ HD60C HD60C

100S SERIE 01.82→ HD60C HD60C

300 SERIE 01.76→ WP45 WP45

SPACE VAN 01.79→ WP40 WP40

FOR/FÜR		HEAVY DUTY	
			
WCAS 541, WCFS 562, WCFS 415	01.71→	WP40	WP40

## DRÖGMÖLLER

B B 12.500	01.94→	HD100A	HD100A
E E 290, E 300, E 310, E 320, E 330, E 430 Comet		HD100A	HD100A
E 90-E 430 E 420, E 440		HD80	HD80
E 90-E 430 E 420, E 440		HD70A	HD70A
E 90-E 430 E 430	01.89→	HD65B	HD65B
E 90-E 430 E 430	01.89→	HD70A	HD70A

## DUPLE

320, 340 COACH		HD100A	HD100A
CARIBBEAN	81→	HD80	HD80
LASER	81→	HD80	HD80

## EBRO

65/TD, 100/8D	01.85→	HD70A	HD70A
E 154-P 197 E 154, F 260, F 275, P 197	01.78→	WP45	WP45
E 35-E 703 E 35, E 60, E 70, E 95, E 110	01.74→01.77	WP40	WP40
E 35-E 704 E 150 ... E 703	01.74→01.77	WP40	WP40
F 260...350	04.85→	HD50	HD50
F 260-F 351 JX	01.86→	HD50	HD50
F 260-F 352 L 35, L 60, L 80	01.80→	HD50	HD50
F 260-F 353 M 100, M 125	01.80→	HD50	HD50
TRADE	01.86→	HD50	HD50
VANETTE	04.85→	WP45	WP45

## EICHER

SCHLEPPER 01.76→ HD50 HD50

## ERF





B-CP B 01.75→ HD55 HD55

B-CP C 01.75→ HD55 HD55

B-CP CP Turbo HD50 HD50




ECX ECX HD60C HD60C




FOR/FÜR		HEAVY DUTY	
			
E-M E	01.86→	HD50	HD50
E-M E 10		HD50	HD50
E-M EC 11, 12, 41		HD60C	HD60C
E-M M	01.75→	HD55	HD55
<b>FAHR</b>			
M 750 / 900 / 922	01.74→	HD50	HD50
M 1002 / 1102 / 1202	→01.76	HD50	HD50
M 1300 / 1302 / 1600	01.72→	HD50	HD50
<b>FAUN</b>			
K 17, K 34 NATO	01.75→	HD50	HD50
L 70, L 240 (8X8)	01.75→	HD50	HD50
<b>FENDT</b>			
F 275 GT	01.76→	HD50	HD50
<b>FERQUI</b>			
NARCEA Narcea 3.3	95→	HD100A	HD100A
NARCEA Narcea 3.5	94→	HD100A	HD100A
<b>FIAT</b>			
242	01.80→01.82	HD50	HD50
DUCATO	05.81→04.94	HD50	HD50
DUCATO	05.94→06.06	HD55	HD55
DUCATO	07.06→	WP65	WP65
SCUDO	10.95→	HD65B	HD50
TALENTO	01.89→94	HD50	HD50
<b>FODEN</b>			
S 80 SERIE CAB	01.72→	HD60C	HD60C
<b>FORD</b>			
CARGO	01.75→01.85	HD60C	HD60C
CARGO	02.85→	HD65B	HD65B
CARGO (Ford Otosan)	01.96→11.06	HD70A	HD70A
CARGO (Ford Otosan)	12.06→	HD70A	HD70A




FOR/FÜR		HEAVY DUTY	
			
ECONOVAN	85→92	WP40	WP40
RANGER PICK-UP	01.97→	WP45	WP45
SERIE A	01.78→01.83	HD50	HD50
SERIE H	01.75→01.80	WP45	WP45
TOURNEO	10.94→02.00	HD55	HD55
TOURNEO Connect	01.03→03.04	HD55	HD55
TOURNEO Connect	04.04→	HD55	HD55
TRANSIT	01.86→10.00	HD55	HD55
TRANSIT 2000	11.00→08.09	WP60	HD55
TRANSIT 2000	11.00→	HD70A	HD60C
TRANSIT Connect	01.03→03.04	HD55	HD55
TRANSIT Connect	04.04→	HD55	HD55
CANTER Canter / E-Canter	12→	HD50	HD50
CANTER Canter / E-Canter	12→	WP48	WP48
TV		HD65B	HD65B
<b>FOTON</b>			
AUMAN	16→	HD65B	HD65B
<b>GINAF</b>			
C C 2120 N, ...	08→	HD65B	HD65B
M 3132 / 3333 / 4243 / 4443		HD60C	HD60C
X 2221		HD60C	HD60C
X 3232 / 3329 / 3331 / 3335		HD60C	HD60C
X 4241 / 4243 / 4343 / 4345 / 4446		HD60C	HD60C
X 5250 / 5350 / 5450		HD60C	HD60C
<b>GME</b>			
MIDI	07.85→	WP45	WP45
RASCAL		WP40	WP40
<b>GOLDEN DRAGON</b>			
EXPLORER	15→	HD100A	HD100A

# APLICACIONES HEAVY DUTY

FOR/FÜR		HEAVY DUTY	
			
PIVOT	15→	HD100A	HD100A
SPLENDOUR	15→	HD100A	HD100A
SPLENDOUR	15→	WP45	WP45
XML 6125 CL / CC		HD100A	HD100A
<b>HESS</b>			
Hess-Bus Swiss Diesel Plus	14→	HD100A	HD100A
<b>HINO</b>			
HE, KB, KL, KR	01.76→	WP40	WP40
<b>HISPANO</b>			
BUS URBAIN / MIDIBUS	94→	HD70A	HD70A
CERCANIAS VITA		HD100A	HD100A
CIERZO / GRAND TOURISME	96→	HD100A	HD100A
<b>HYUNDAI</b>			
H H 100, 150	09.96→07	WP45	WP45
<b>IHC</b>			
NUTZFAHRZEUGE	01.81→	HD50	HD50
<b>IKARUS</b>			
386-398 386, 396, 412, 415, 435, 61, 417, 417, NF, 315		HD100A	HD100A
386-398 397.07	01.93→	HD100A	HD100A
386-398 397.07	01.93→	HD80	HD80
386-398 398.20	01.94→	HD100A	HD100A
E E 13 / E 94 / E 91	01.94→	HD100A	HD100A
MIDIBUS 405		HD80	HD80
MINIBUS 542 / 546	86→	HD60C	HD60C
SB 3000	89→	HD100A	HD100A
STADTBUS 480	01.92→	HD70A	HD70A
<b>INDCAR</b>			
MAGO		HD80	HD80
NEXT L9 (Euro 6)	15→	HD100A	HD100A
NEXT L9 (Euro 6)	15→	HD100A	HD100A

FOR/FÜR		HEAVY DUTY	
			
NEXT L9 (Euro 6)	15→	HD100A	HD100A
NEXT L9 (Euro 6)	15→	HD100A	HD100A
NEXT L9 (Euro 6)	15→	HD100A	HD100A
Vehixel Cytios 4 (Euro - LHD)	14→	HD60B	HD60B
Vehixel Mobi / Mobi Low Entry (Euro - LHD)	14→	HD60B	HD60B
Vehixel Wing (Euro - LHD)	14→	HD60B	HD60B
<b>INTEGRALIA</b>			
IN-Tourism / IN-Urban / IN-VIP / IN-VIP +		WP65	WP65
<b>IRISBUS</b>			
EVADYS		HD100A	HD100A
CITELIS		HD100A	HD100A
CROSSWAY Crossway / Crossway L.E		HD100A	HD100A
(HEULIEZ) GX 27	12.88→	HD70A	HD70A
(HEULIEZ) GX 37	12.88→	HD70A	HD70A
(HEULIEZ) GX 44	05.90→	HD100A	HD100A
(HEULIEZ) GX 77 H Compac' Bus		HD100A	HD100A
(HEULIEZ) GX 107	05.90→	HD100A	HD100A
(HEULIEZ) GX 113	05.90→	HD100A	HD100A
(HEULIEZ) GX 117 Access' Bus		HD80	HD80
(HEULIEZ) GX 217 Access' Bus		HD80	HD80
(HEULIEZ) GX 317 Access' Bus		HD80	HD80
(HEULIEZ) GX 417 Access' Bus		HD80	HD80
(IVECO) 310 315.8.17 Turbo		HD100A	HD100A
(IVECO) 370 370	→08.82	HD80	HD80
(IVECO) 370 370 Domino	09.82→	HD100A	HD100A
(IVECO) 370 370.12.25	79→82	HD80	HD80
(IVECO) 470 470.67	81→	HD80	HD80
(IVECO) 470 471	82→	HD100A	HD100A
(IVECO) 570 570	81→	HD80	HD80
(IVECO) 570 571	82→	HD100A	HD100A

FOR/FÜR		HEAVY DUTY	
			
(IVECO) 670 670	81→	HD80	HD80
(IVECO) 670 671	82→	HD100A	HD100A
(IVECO) Cityclass	95→	HD100B	HD100B
(IVECO) EuroClass 380 .....	01.92→	HD100A	HD100A
(IVECO) EuroClass HD/ ND/ NT	06.93→	HD100A	HD100A
(IVECO) Lorraine GS 240	88→	HD100A	HD100A
(IVECO) Lorraine TS 170, 260, 300	09.88→	HD100A	HD100A
(IVECO) M2000 M 120 R 81 Turbo	81→	HD80	HD80
(IVECO) M2000 M 2000 12M Turbo	81→	HD100A	HD100A
(IVECO) M2000 M 2000 12M/AL, R 81	11.77→	HD80	HD80
(IVECO) M2000 M 2000 HD	09.82→	HD100A	HD100A
(IVECO) M2000 My Way	06.98→	HD100B	HD100B
(IVECO) M2000 Orlandi 315S.8.18	01.92→	HD80	HD80
MAGELYS Magelys / Pro		HD100A	HD100A
MOOVY		HD100A	HD100A
MOOVY		WP45	WP45
(RENAULT) AGORA		HD100A	HD100A
(RENAULT) AGORA		WP45	WP45
(RENAULT) Agora / Malaga / City Bus		HD100A	HD100A
(RENAULT) ARES	10.98→	HD100A	HD100A
(RENAULT) AXER		HD80	HD80
(RENAULT) ER 100	01.75→	HD100A	HD100A
(RENAULT) ER 110	01.76→	HD100A	HD100A
(RENAULT) FR 1	06.83→	HD100A	HD100A
(RENAULT) ILIADE	01.97→	HD100A	HD100A
(RENAULT) PR 100, PR 180	08.83→	HD70A	HD70A
(RENAULT) R 312	08.87→	HD100A	HD100A
(RENAULT) S 45	06.80→	HD60C	HD60C
(RENAULT) S 45, S 53, S 105	06.80→	HD60C	HD60C
(RENAULT) SC 10	02.77→	HD70A	HD70A





FOR/FÜR		HEAVY DUTY	
			
(RENAULT) SG 220	02.77→	HD70A	HD70A
(RENAULT) TRACER	01.92→99	HD100A	HD100A
<b>IRISBUS</b>			
CENTURY	93→	HD100A	HD100A
CENTURY	04→	HD100A	HD100A
CENTURY	04→	HD100B	HD100B
INTERCENTURY	00→	HD100A	HD100A
i2 / i2e	15→	HD100B	HD100B
i3		HD100B	HD100B
i4		HD100B	HD100B
i6		HD50	HD50
i6		HD100B	HD100B
i8 Integral	15→	HD100B	HD100B
PB		HD100A	HD100A
<b>ISUZU</b>			
CITIBUS		HD100A	HD100A
CITIPORT	15→	HD100A	HD100A
NPR	01.97→	HD50	HD50
NOVO Ultra		HD90A	HD90A
TURQUOISE		HD80	HD80
VISIGO VISIGO / VISIGO Interurban	15→	HD100A	HD100A
<b>IVECO</b>			
50-75 50, 55, 65, 70, 75 C, N, L	08.77→	WP45	WP45
50-75 50.8	01.86→	WP45	WP45
50-75 60.8, 60.10, 65, 65.10, 79.10	01.83→	WP45	WP45
50-75 60.14, 70.14	01.83→	WP45	WP45
50-75 75	01.69→01.83	WP45	WP45
50-75 75.14, 79, 90.13, 95.14	01.83→	WP45	WP45
79-90 79.12 Turbo Zeta, 79.14 Turbo Zeta	01.90→	WP45	WP45
79-90 79.14, 79.60, 79	01.83→	WP45	WP45


# APLICACIONES HEAVY DUTY

FOR/FÜR		HEAVY DUTY		FOR/FÜR		HEAVY DUTY	
							
79-90 79.14 M100	01.83→	HD60C	HD60C	160 165.24, 165.24.R.R1	01.83→	WP45	WP45
79-90 80, 90	08.77→	WP45	WP45	170 170 C, N, L	08.77→	WP45	WP45
79-90 80.13	01.83→	HD60C	HD60C	170 170 D	01.69→12.74	HD50	HD50
79-90 80.14 HW, 80.16 HW	01.83→	WP45	WP45	170 170 F	08.77→	HD60C	HD60C
79-90 90 D, 90 M	01.75→01.82	WP45	WP45	170 170 F	01.78→	HD60C	HD60C
79-90 90 M, 320 M	→12.78	HD50	HD50	170 170 L, R, TL, TR	01.75→01.79	HD70A	HD70A
79-90 90 M, 90 M6 FK	01.79→	HD60C	HD60C	170 170 NT, 170 OM35	01.75→01.77	WP45	WP45
100-120 100	08.77→85	WP45	WP45	170 170 NT	01.77→	HD60C	HD60C
100-120 109.14, 109.14.1	01.83→92	WP45	WP45	170 170 OM35	01.75→01.82	HD60C	HD60C
100-120 109.14 Zeta	09.88→	HD50	HD50	170 170 SH 110	01.73→01.78	HD70A	HD70A
100-120 110.7 Zeta, Turbo Zeta	01.86→91	WP45	WP45	170 171 M	01.75→01.82	HD70A	HD70A
100-120 110.14	01.83→92	WP45	WP45	170 175.17, 175.04	01.86→	WP45	WP45
100-120 115.14, 115.14.1, 115.17, 115.17.1	01.83→92	WP45	WP45	170 175.17, 175.24 T	09.88→	HD60C	HD60C
100-120 120 D	01.69→12.74	HD50	HD50	180 180, 2604 A, C, N, L, T	01.77→	WP45	WP45
130 130	01.73→01.83	WP45	WP45	180 180 D, 186 D	10.69→12.70	HD50	HD50
130 130 M	→12.78	HD50	HD50	190 190	01.77→	WP45	WP45
130 135 D	01.69→12.75	HD50	HD50	190 190 F	08.77→	HD60C	HD60C
130 135.14, 135.14.2	01.83→92	WP45	WP45	190 190 F	01.78→	HD60C	HD60C
130 135.14BOM, 135.17, 135.17.2	01.83→92	WP45	WP45	190 190 OM35	01.75→01.82	HD60C	HD60C
130 135.17, 136.17	01.83→92	WP45	WP45	190 190 PAC	01.77→	HD60C	HD60C
130 135.17, 145.17T	09.88→	HD60C	HD60C	190 190.20 N	07.80→12.85	HD60C	HD60C
130 135.17 IH	09.88→92	WP45	WP45	190 190.20 N	07.80→12.85	HD60C	HD60C
130 135.17.R.R.1, 135.17.R1 RIDEM	01.83→92	WP45	WP45	190 190.25 AH	07.83→06.86	HD65B	HD65B
145 145.17	01.86→91	WP45	WP45	190 190.25 AN	07.83→09.90	HD60C	HD60C
160 160	01.73→01.83	WP45	WP45	190 190.26	01.83→01.84	HD65B	HD65B
160 160 D	01.69→12.74	HD50	HD50	190 190.26 N	01.83→06.87	HD60C	HD60C
160 160 M	→12.78	HD50	HD50	190 190.30 H, P	07.80→	HD65B	HD65B
160 160 M13FS	01.79→	HD60C	HD60C	190 190.30 N	04.87→	HD60C	HD60C
160 160 R 81 Turbo	01.81→	HD100A	HD100A	190 190.32 GV, P	07.87→	HD65B	HD65B
160 160 R 81 Turbo (315.8.17)		HD100A	HD100A	190 190.33 P	07.84→05.87	HD65B	HD65B

FOR/FÜR 		HEAVY DUTY		FOR/FÜR 		HEAVY DUTY	
							
190 190.35	01.83→01.84	HD65B	HD65B	300 308 L, 315 GT	08.77→	HD60C	HD60C
190 190.36 P, T	07.87→	HD65B	HD65B	300 310 D	01.78→	HD60C	HD60C
190 190.38 P	07.80→12.87	HD65B	HD65B	300 315		HD50	HD50
190 190.38 PT	07.84→	HD65B	HD65B	320 320 M	→12.78	HD50	HD50
190 190.42 P	07.84→	HD65B	HD65B	320 320 M	01.79→	HD60C	HD60C
190 190.48 P	07.84→	HD65B	HD65B	320 320.30 H	01.84→	HD65B	HD65B
200 200, 230, 260	01.75→01.82	HD70A	HD70A	320 320.31 ANW	07.80→12.83	HD60C	HD60C
200 200 L, R, T	01.75→	HD70A	HD70A	330 330 F35	01.78→	HD60C	HD60C
200 200 SH	01.75→01.78	HD70A	HD70A	330 330.25 AN	05.89→	HD60C	HD60C
210 210	01.69→12.70	HD50	HD50	330 330.26 N	01.79→	HD65B	HD65B
220 220 F, 240 F	08.77→	HD60C	HD60C	330 330.26 N	01.79→	HD60C	HD60C
220 220.30 PT	07.80→07.86	HD65B	HD65B	330 330.26 P	01.83→01.84	HD65B	HD65B
220 220.32, P, PT, 220.36, P, PT	→07.87	HD65B	HD65B	330 330.30 AH	05.86→05.91	HD65B	HD65B
220 220.38 PT	07.80→07.86	HD65B	HD65B	330 330.30 AN	05.86→09.90	HD65B	HD65B
230 232.32 AHT	01.83→	HD60C	HD60C	330 330.30 AN	05.86→09.90	HD60C	HD60C
240 240 F	08.77→	HD60C	HD60C	330 330.30 H	06.84→	HD65B	HD65B
240 240. 26P > 240.48 P	→07.80	HD65B	HD65B	330 330.30 N	10.87→	HD60C	HD60C
240 242	01.80→01.82	HD50	HD50	330 330.32 ANW	07.83→06.87	HD60C	HD60C
260 260	01.72→01.82	WP45	WP45	330 330.32 ANW	07.83→06.87	HD65B	HD65B
260 260 L	10.77→	HD70A	HD70A	330 330.35 P	07.80→01.92	HD65B	HD65B
260 260 SH 170 (VÖV)	01.81→	HD70A	HD70A	330 330.36 H, HW	01.89→	HD65B	HD65B
260 260.25 AN	07.83→06.86	HD60C	HD60C	370 370	→08.82	HD80	HD80
260 260.26 H	→07.83	HD65B	HD65B	370 370, 370 Domino	09.82→	HD100A	HD100A
260 260.26 NW	01.77→01.86	HD60C	HD60C	380 380.10.29	01.92→	HD100A	HD100A
260 260.32	07.90→	HD65B	HD65B	380	01.92→	HD100A	HD100A
260 260.35 H	01.83→12.83	HD65B	HD65B	470 470 AL, AC	01.78→	HD60C	HD60C
260 260.36	07.88→	HD65B	HD65B	470 471	01.82→	HD100A	HD100A
260 260.48	06.89→	HD65B	HD65B	480 480 AL, AC	01.78→	HD60C	HD60C
280 280	01.81→	HD50	HD50	570 571	01.82→	HD100A	HD100A
300 300 PC, PT	01.77→07.88	HD65B	HD65B	600 619, 684, 697	08.77→	HD60C	HD60C

# APLICACIONES HEAVY DUTY




FOR/FÜR	31	HEAVY DUTY		FOR/FÜR	31	HEAVY DUTY	
							
670 671	01.82→	HD100A	HD100A	STRALIS NP	10.12→	HD65B	HD65B
670 Autodromo, Dow Town	01.84→	HD80	HD80	STRALIS XP	10.12→	HD65B	HD65B
670 Eicher (Schlepper)	08.75→	WP40	WP40	STRALIS XP	10.12→	HD65B	HD65B
ASTRA HD9	12→	HD65B	HD65B	TRAKKER	02→01.08	HD65B	HD65B
DAILY Daily, Turbo Daily	01.80→05.99	HD60C	HD60C	TRAKKER	02→01.08	HD65B	HD65B
Daily City	06.99→10.00	HD60B	HD60B	TRAKKER	02.08→	HD65B	HD65B
Daily City	11.00→05.14	HD60B	HD60B	TRAKKER	02.08→	HD65B	HD65B
DAILY Daily / Daily City	06.14→	ST60	ST60	TRAKKER Hi-LAND	01.33→	HD65B	HD65B
DAILY Daily TOURYS	15→	ST60	ST60	TRAKKER Hi-LAND	01.33→	HD65B	HD65B
DIANO, CERBIATTO, ORSOTTO		WP40	WP40	TURBOSTAR 180.24 ... 330.36	01.77→93	HD65B	HD65B
EURO EuroCargo (R1)	01.92→12.07	HD65B	HD65B	TURBOTECH 13.16, 65.10, 75.16	01.83→	HD60C	HD60C
EURO EuroCargo (R1)	01.92→12.07	HD65B	HD65B	TURBOTECH 19-30, 19-38	01.81→	HD60C	HD60C
EURO EuroCargo	01.08→	HD65B	HD65B	TURBOTECH 180.24 ... 330.36	01.77→93	HD65B	HD65B
EURO EuroFire		HD65B	HD65B	VOSGES	01.68→01.71	WP40	WP40
EURO EuroStar	01.94→02	HD65B	HD65B				
EURO EuroTech	01.92→00	HD65B	HD65B	CROSSWAY Crossway/ CrosswayLE/Lowentryline/ Line(Euro6)	05.13→	HD100A	HD100A
EURO EuroTrakker	01.94→12.06	HD65B	HD65B	EVADYS Evadys / H / HD (Euro 6)	16→	HD100A	HD100A
L Leoncino, Lupetto		WP40	WP40	MAGELYS Magelys / Magelys Lounge (Euro 6)	05.13→	HD100A	HD100A
M 100	01.83→	HD60C	HD60C	URBANWAY Urbanway (Euro 6)	05.13→	HD100A	HD100A
M 120R	01.78→	HD60C	HD60C				
M 130D / 170D / 250D / 320D	01.75→01.75	HD60C	HD60C				
M NKW 80.13, 80.16	01.82→	HD60C	HD60C				
POWERSTAR		HD65B	HD65B				
STRALIS	02→01.08	HD65B	HD65B				
STRALIS	02→01.08	HD65B	HD65B				
STRALIS	02.08→	HD65B	HD65B				
STRALIS	02.08→	HD65B	HD65B				
STRALIS Hi-WAY / Hi-ROAD	10.12→	HD65B	HD65B				
STRALIS Hi-WAY / Hi-ROAD	10.12→	HD65B	HD65B				
STRALIS NP	10.12→	HD65B	HD65B				
<b>JONCKHEERE</b>							
				AUTEUIL	01.92→	HD80	HD80
				DEAUVILLE 30		HD100A	HD100A
				DEAUVILLE 65	94→	HD100A	HD100A
				JUBILEE P35, P90, P599		HD70A	HD70A
				LE DEAUVILLE	10.91→	HD80	HD80
				LE DEAUVILLE	10.91→	HD60C	HD60C
				LE NEUILLY 046.2/046.3	92→	HD100A	HD100A
				MISTRAL 50		HD100B	HD100B
				MISTRAL 70	99→	HD100B	HD100B
				MONACO		HD80	HD80




FOR/FÜR		HEAVY DUTY	
			
Pro-City (Euro - LHD)	04→	HD60B	HD60B
TRANSIT 2000		HD100A	HD100A
TRANSIT 2000 Midi		HD100A	HD100A
KAROSSA			
RECREO	97→	HD80	HD80
ATAK	15→	HD90A	HD90A
STAR	15→	HD90A	HD90A
KAROSSA			
RECREO	97→	HD80	HD80
KARSAN			
ATAK	15→	HD90A	HD90A
STAR	15→	HD90A	HD90A
KÄSSBOHRER-SETRA			
PISTENBULLY PB 36.170 D	11.81→	HD65B	HD65B
PISTENBULLY PB 39.170 DR	11.81→	HD65B	HD65B
PISTENBULLY PB 42.240 D	88→	HD80	HD80
S 110-S 150 S 110, S 120, S 130, S 150	10.67→08.77	HD50	HD50
S 110-S 150 S 130, S 130S, S 140ES	01.77→	HD60C	HD60C
S 209-S 250 S 208, S208 H, S 209, S 209 H	12.77→10.83	HD100A	HD100A
S 209-S 250 S 208 A	10.80→	HD80	HD80
S 209-S 250 S 209, S 210, S 211, S 212, S 213, S 215	08.76→11.77	HD70A	HD70A
S 209-S 250 S 210, S 210 HR, S 210 HD, S 210 H..	12.77→	HD100A	HD100A
S 209-S 250 S 211, S 211 H..	12.77→	HD100A	HD100A
S 209-S 250 S 212 H, S 212 HR, S 212 RL..	12.77→	HD100A	HD100A
S 209-S 250 S 213 H, S 213 HR, S 213 RL..	12.77→	HD100A	HD100A
S 209-S 250 S 213 HE	87→	HD80	HD80
S 209-S 250 S 214 HD./ S 215 HM, S 215 HD, S 215 H..	12.77→	HD100A	HD100A
S 209-S 250 S 215 HDH	09.85→06.91	HD100A	HD100A
S 209-S 250 S 215 HDS	07.80→09.83	HD100A	HD100A
S 209-S 250 S 215 HR., S 215 RL, S 215 SL, S 215 UL	06.79→	HD100A	HD100A


FOR/FÜR		HEAVY DUTY	
			
S 209-S 250 S 215 NR	07.91→	HD100A	HD100A
S 209-S 250 S 216 HDS	07.80→	HD100A	HD100A
S 209-S 250 S 217 HDH-E	94→	HD100A	HD100A
S 209-S 250 S 228 DT	03.82→	HD90A	HD90A
S 209-S 250 S 250 Spécial	05.94→	HD100A	HD100A
S 209-S 250 SG 219/SG 219 SL	09.84→	HD100A	HD100A
S 209-S 250 SG 221 UL	09.84→	HD100A	HD100A
S 300-S 328 S 300 N, S 300 NC	89→02	HD100A	HD100A
S 300-S 328 S 300 N...	03.92→	HD100A	HD100A
S 300-S 328 S 309 HD	07.91→	HD100B	HD100B
S 300-S 328 S 312 HD	07.91→	HD100B	HD100B
S 300-S 328 S 313 UL	07.91→	HD100A	HD100A
S 300-S 328 S 315 GT	09.09→	HD100B	HD100B
S 300-S 328 S 315 GT-HD	09.96→	HD100B	HD100B
S 300-S 328 S 315 H	09.09→	HD100A	HD100A
S 300-S 328 S 315 HD	07.91→	HD100B	HD100B
S 300-S 328 S 315 HDH	07.91→	HD100B	HD100B
S 300-S 328 S 315 HDH-3		HD100A	HD100A
S 300-S 328 S 315 NF	07.91→	HD100B	HD100B
S 300-S 328 S 315 UL	09.09→	HD100B	HD100B
S 300-S 328 S 317 GT-HD	11.99→	HD100B	HD100B
S 300-S 328 S 317 HDH-3	09.97→	HD100A	HD100A
S 300-S 328 S 319 GT-HD	12.98→	HD100B	HD100B
S 300-S 328 S 319 NF	12.97→	HD100B	HD100B
S 300-S 328 S 319 UL	07.91→	HD100B	HD100B
S 300-S 328 S 328 DT	07.91→	HD90A	HD90A
S 300-S 328 SG 321 UL	08.95→	HD100B	HD100B
S 400 S 411 HD	01→	HD100B	HD100B
S 400 S 415 GT	01→	HD100B	HD100B
S 400 S 415 GT HD	01→	HD100B	HD100B



# APLICACIONES HEAVY DUTY



FOR/FÜR		HEAVY DUTY	
			
S 400 S 415 H	01→	HD100B	HD100B
S 400 S 415 NF	01→	HD100B	HD100B
S 400 S 416	01→	HD100B	HD100B
S 400 S 416	01→	HD60C	HD60C
S 400 S 416 GT HD	01→	HD100B	HD100B
S 400 S 416 HDH	01→	HD100B	HD100B
S 400 S 417 GT HD / S 417 UL	01→	HD100B	HD100B
S 400 S 431 DT	01→	HD100B	HD100B
S 400 S 431 DT		HD70A	HD70A
S 80-S 150 S 80	10.67→08.77	HD50	HD50
S 80-S 150 S 150	01.67→	HD50	HD50
S 9-S 14 S 9, S 14	01.67→	HD50	HD50
U U 80	80→	HD80	HD80
<b>KHD</b>			
M 120, M 130, M 145	01.71→01.74	HD60C	HD60C
M 230, M 232, M 270, M 290	01.71→01.74	HD60C	HD60C
<b>KING LONG</b>			
E 12		HD100A	HD100A
XMQ 6120AGD5		HD100A	HD100A
XMQ 6120C		HD100A	HD100A
XMQ 6129BYD5		HD100A	HD100A
XMQ 6130Y / C		HD100A	HD100A
XMQ 6800 AGD Citylife		HD100A	HD100A
XMQ 6900Y / H / 6996Y		HD100A	HD100A
<b>LAG</b>			
GALAXY		HD100A	HD100A
<b>LEYLAND</b>			
7, 1	01.76→	WP40	WP40
ATLANTEAM BUS, NATIONAL	01.77→	HD60C	HD60C
BISON 2	01.78→	HD60C	HD60C

FOR/FÜR		HEAVY DUTY	
			
CONSTRUCTOR	01.79→	HD60C	HD60C
CRUISER	01.80→	HD60C	HD60C
FREIGHTER	01.80→	HD60C	HD60C
LANDTRAIN	01.80→	HD60C	HD60C
MARATHON	01.77→01.77	HD60C	HD60C
OCTOPUS 2	01.78→	HD60C	HD60C
OLYMPIAN	01.79→	HD60C	HD60C
ROADTRAIN	01.79→	HD60C	HD60C
ROYAL TIGER B 54	03.83→	HD100A	HD100A
<b>LEYLAND DAF</b>			
LDV Convoy	09.96→	HD50	HD50
LDV Maxus	07→	HD50	HD50
<b>MACK</b>			
E9-500		HD50	HD50
MS 200 M 300 (MIDLINER)	11.79→	HD50	HD50
11 11 UE 210	→12	HD70A	HD70A
11 11 UE 230	11.72→12.75	HD50	HD50
12 12 UE 210	→12	HD70A	HD70A
12 12 UE 230	11.72→12.75	HD50	HD50
750 750 HO (VÖV)	→12	HD70A	HD70A
7-32 7.126 ... 32.280 DH	06.66→12.79	WP40	WP40
7-32 7.126 ... 32.280 H	06.66→12.79	WP40	WP40
5-38 5.12 ... 38.320 F	07.72→12.85	HD50	HD50
5-38 5.125 ... 38.320 U	07.72→12.85	HD50	HD50
7-48 7.126 ... 48.700 DH	11.79→03.86	HD50	HD50
17-32 17.240 ... 32.321	08.82→88	HD50	HD50
A-B AK 14, AK 16, S 16	01.68→	HD50	HD50
A-B BS 12L, BS 19K	01.68→	HD50	HD50
ALE Alé Euro 3	00→	HD100A	HD100A
CLA	12→	HD50	HD50





FOR/FÜR		HEAVY DUTY	
			
F 90 (19.242 ... 48.462)	01.86→09.94	HD60C	HD60C
F 90 (19.242 ... 48.462)	01.86→09.94	HD60C	HD60C
F 2000 (19.343 ... 48.463)	10.94→	HD60C	HD60C
F 2000 (19.343 ... 48.463)	10.94→	HD60C	HD60C
FE 2000 FE 600A / FE 460A		HD60C	HD60C
G 90 (4.70 ... 9.136)	→10.79	WP40	WP40
G 90 (4.70 ... 9.136)	11.79→12.94	HD50	HD50
L 2000 (8.103 ... 10.223)	01.94→	HD50	HD50
LION'S CITY e-Mobility		HD90B	HD90B
LION'S CITY GLC NG		HD90B	HD90B
LION'S CITY L LE		HD90B	HD90B
LION'S COACH FRH 353	09.96→	HD100A	HD100A
LION'S COACH Coach (Euro 6)	16→	HD100A	HD100A
LION'S COACH Coach C (Euro 6)	16→	HD100A	HD100A
LION'S COACH Coach L (7500) (Euro 6)	16→	HD100A	HD100A
LION'S COACH RH 403		HD100A	HD100A
LION'S COACH RH 463	99→	HD100A	HD100A
LION'S COACH Supreme (Euro 6)	15→	HD100A	HD100A
LION'S COMFORT RN 313 / 353 / R 353	09.96→	HD100B	HD100B
LION'S MIDI MN 283		HD80	HD80
LION'S REGIO Lion's Régio	04→	HD100A	HD100A
LION'S STAR Lion's Star	04→	HD100A	HD100A
LION'S STAR FRH 402	93→04	HD100B	HD100B
LION'S STAR FRH 422	93→04	HD100B	HD100B
LION'S STAR RH 403		HD100B	HD100B
LION'S STAR RH 463	92→04	HD100B	HD100B
L-K L 09, L 14, L 19, K 22	01.68→	HD50	HD50
M 90 ( 12.152 ... 18.232 )	01.86→12.96	HD60C	HD60C
M 90 ( 12.152 ... 18.232 )	01.86→12.96	HD60C	HD60C
M 2000 L	04.96→10.05	HD50	HD50





FOR/FÜR		HEAVY DUTY	
			
M 2000 M	04.96→10.05	HD60C	HD60C
M 2000 M	04.96→10.05	HD60C	HD60C
NG 272	89→	HD80	HD80
NG 312		HD80	HD80
NG 313		HD90B	HD90B
NL 202	09.89→	HD80	HD80
NL 222		HD80	HD80
NL 223	99→	HD90B	HD90B
NL 232		HD80	HD80
NL 262		HD80	HD80
NL 263		HD90B	HD90B
NL 312		HD80	HD80
NL 313		HD90B	HD90B
NL 313		HD90B	HD90B
NL 313		HD90B	HD90B
NL 313		HD90B	HD90B
NL 353	99→	HD90B	HD90B
NM 152	89→	HD80	HD80
NU 263	09.96→	HD100B	HD100B
NU 313		HD90B	HD90B
SD 200	10.78→11.86	HD70A	HD70A
SD 202	08.85→94	HD80	HD80
SG SG 192, SL 192, SL 260	→12.76	HD70A	HD70A
SG SG 220/240 H, HU	05.80→01.86	HD70A	HD70A
SG SG 240 H	08.85→	HD80	HD80
SG SG 242/SG 242 H	85→	HD80	HD80
SG SG 292	85→	HD80	HD80
SL 200	08.85→87	HD80	HD80
SL 200	10.78→04.87	HD70A	HD70A
SL 202	06.84→94	HD80	HD80
SR 240 / 280	08.77→86	HD100A	HD100A

# APLICACIONES HEAVY DUTY







FOR/FÜR	31	HEAVY DUTY	
			
SR 240 / 280 / 321 / 361	10.75→11.86	HD70A	HD70A
SR 321	81→86	HD100A	HD100A
SR 362	85→86	HD100A	HD100A
SU 240	85→89	HD80	HD80
SU 240	10.75→84	HD70A	HD70A
SU 242	85→87	HD80	HD80
SU 242	87→	HD100A	HD100A
SU 310	99→	HD90B	HD90B
TG TG		HD70A	HD70A
TG TG	09.00→	HD65B	HD65B
TG TGA	09.04→	HD70A	HD70A
TG TGA	09.04→	HD65B	HD65B
TG TGL	05.05→	HD70A	HD70A
TG TGL	05.05→	HD65B	HD65B
TG TGM	11.05→	HD70A	HD70A
TG TGM	11.05→	HD65B	HD65B
TG TGS	08→	HD70A	HD70A
TG TGS	08→	HD65B	HD65B
TG TGX / V8	08→	HD70A	HD70A
TG TGX / V8	08→	HD65B	HD65B
U U 80	84→	HD80	HD80
UL Bus Economy / FRH Economy	08.77→	HD100A	HD100A
UL D 80, G 80, S 80		HD80	HD80
UL FR/FRH 280	08.77→	HD100A	HD100A
UL R/FR/FRH 292	85→	HD100A	HD100A
UL RU 240	85→	HD100A	HD100A
UL UL 272	87→	HD100A	HD100A
UL UL 313	09.96→	HD100B	HD100B
UL UL 353	99→	HD100B	HD100B

FOR/FÜR	31	HEAVY DUTY	
			
<b>MARCOPOLO</b>			
ANDARE		HD100A	HD100A
VIAGGIO GII 330		HD100A	HD100A
VIAGGIO GII 350		HD100A	HD100A
VIAGGIO GII 370		HD100A	HD100A
<b>MAZDA</b>			
B 2000, B 2200, B 2600	01.84→	WP45	WP45
E 2000, E 2200	01.84→	WP40	WP40
LT 35		HD50	HD50
T 2500, T 3000, T 3500	01.81→	WP40	WP40
<b>MCV</b>			
MCV 600		HD100A	HD100A
<b>MCW</b>			
METRO	01.80→	HD60C	HD60C
METROBUS	01.83→	HD70A	HD70A
METROLINER	01.83→	HD80	HD80
<b>MERCEDES-BENZ</b>			
ACCELO Accelo 815 / 915 / 1016		HD60C	HD60C
ACTROS	01.97→09.02	HD70A	HD70A
ACTROS	01.97→09.02	HD70A	HD70A
ACTROS MP2 / MP3	10.02→13	HD70A	HD70A
ACTROS MP2 / MP3	10.02→13	HD70A	HD70A
ACTROS MP4 (Euro 5 / Euro 6)	10.11→	HD70A	HD70A
ACTROS MP4 (Euro 5 / Euro 6)	10.11→	HD70B	HD70B
ANTOS Antos	09.12→	HD70A	HD70A
ANTOS Antos	09.12→	HD70B	HD70B
AROCS Arocs	01.13→	HD70A	HD70A
AROCS Arocs	01.13→	HD70B	HD70B
ATEGO 1	04.98→10.04	HD65B	HD65B
ATEGO 1	04.98→10.04	HD65B	HD65B




FOR/FÜR 		HEAVY DUTY	
			
ATEGO 2 (Euro 6)	10.04→	HD65B	HD65B
ATEGO 2 (Euro 6)	10.04→	HD65B	HD65B
AXOR 1	09.01→10.04	HD65B	HD65B
AXOR 1	09.01→10.04	HD65B	HD65B
AXOR 2	10.04→12	HD65B	HD65B
AXOR 2	10.04→12	HD65B	HD65B
CITARO (O 530)	98→15	HD90B	HD90B
CITO (O 520)	97→	HD100B	HD100B
CITYLINER 1220 / L - 1224 / L	→97	HD65B	HD65B
CITYLINER 1320 / L	→97	HD65B	HD65B
CITYLINER 1520 / L - 1524 / L	→97	HD65B	HD65B
CITYLINER ECOPOWER 812 - 814 / L - 817 / L / S	→97	HD65B	HD65B
CITYLINER ECOPOWER 914 R - 917 R	→97	HD65B	HD65B
CITYLINER ECOPOWER 1114 - 1117 / L	→97	HD65B	HD65B
CITYLINER ECOPOWER 1120 LS	→97	HD65B	HD65B
CITYLINER ECOPOWER 1217 / L	→97	HD65B	HD65B
CITYLINER ECOPOWER 1317 / L - 1324 LS	→97	HD65B	HD65B
CITYLINER ECOPOWER 1517	→97	HD65B	HD65B
ECONIC 1828 / 2628 / 2828	09.00→	HD60C	HD60C
ECONIC 1830LL / 1835LL / 2630LL / 2635LL	13→	HD60C	HD60C
INTEGRO		HD100B	HD100B
INTOURO EEV		HD100B	HD100B
INTOURO M	15→	HD100B	HD100B
L L, LA, LAK, LAS, LK, LS	01.70→	HD50	HD50
L LK 709 ... 1524	01.93→	HD60C	HD60C
L LN2 709 ... 1324	06.84→01.93	HD60C	HD60C
L LP, LPS, LPK, LPL, LPLS	01.70→	HD50	HD50
L L 206, L 207, L 306, L 307	→01.77	WP40	WP40
L L 310	01.60→	HD60C	HD60C
MB 90, 100, 120, 140, 160, 180	12.80→12.90	HD50	HD50

FOR/FÜR 		HEAVY DUTY	
			
MB 100 D	01.91→	HD50	HD50
MB 800 T	→12.90	HD50	HD50
MB Trac 65, 70	→12.75	WP40	WP40
MB Trac 700, 800, 900	01.81→12.90	HD50	HD50
MB Trac 1000, 1100, 1300, 1500, 1550	76→12.90	HD50	HD50
NG 80 1013 ... 3535	10.73→12.85	HD70A	HD70A
NG 80 1013 ... 3850	01.86→12.88	HD65B	HD65B
NG 90 1222 ... 3233 MK	01.89→97	HD65B	HD65B
NG 90 1222 ... 3233 MK	01.89→97	HD65B	HD65B
NG 90 1729 ... 4850 SK	01.89→97	HD65B	HD65B
NG 90 1729 ... 4850 SK	01.89→97	HD65B	HD65B
O 301 (LN2)	01.85→05.86	HD60C	HD60C
O 301 (LN2)	06.86→87	HD60C	HD60C
O 302 ST	08.68→75	HD50	HD50
O 302 U	10.71→75	HD70A	HD70A
O 303 O 303	09.74→09.92	HD70A	HD70A
O 303 O 303	10.79→09.92	HD90A	HD90A
O 303 O 303	10.79→09.92	HD100A	HD100A
O 303 O 303	05.85→09.92	HD100A	HD100A
O 305 - O350 O 305, O 307	11.76→05.87	HD70A	HD70A
O 305 - O350 O 309, O 309 D	01.69→89	HD50	HD50
O 305 - O350 O 310	01.80→89	HD60C	HD60C
O 305 - O350 O 317 (Interurban)	08.68→	HD50	HD50
O 305 - O350 O 350	94→	HD100B	HD100B
O 402 O 402	86→91	HD80	HD80
O 404 O 404 RH	09.91→99	HD100B	HD100B
O 405 O 405 N/GN/GNV/NU/GNU/NUL/NK ...	10.84→	HD80	HD80
O 405 O 405 N/GN/GNV/NU/GNU/NUL/NK ...	10.89→	HD90A	HD90A
O 405 O 407	03.87→01	HD100A	HD100A
O 405 O 408	01.91→98	HD100A	HD100A


# APLICACIONES HEAVY DUTY

FOR/FÜR		HEAVY DUTY		FOR/FÜR		HEAVY DUTY	
							
O 412 O 412 D	05.95→05.06	HD60C	HD55	VITO / CLASSE V Vito	09.95→08.03	HD65D	HD65D
O 550 O 550		HD100B	HD100B	VITO / CLASSE V Vito	09.95→08.03	HD65D	HD65D
O 550 O 550 H	97→	HD100B	HD100B	VITO / CLASSE V Vito	11.05→	WP70	WP70
O 550 O 550 Integro	96→	HD100B	HD100B	WRIGHTBUS Wright OF917 RFC		HD70A	HD70A
O 600 O 609, O 611, O 614	07.87→	HD60C	HD60C	ZETROS 1831 / 2731		HD50	HD50
POWERLINER Powerliner		HD65B	HD65B				
POWERLINER Powerliner		HD65B	HD65B	CANTER	80→86	WP40	WP40
SPRINTER Sprinter 208D ... 412D	05.95→05.06	HD60C	HD55	CANTER	96→86	WP45	WP45
SPRINTER Sprinter	06.06→	WP65	WP65	FUSO	01.76→	WP40	WP40
SPRINTER Sprinter	06.06→	WP65	WP65	FUSO/CANTER Canter 3S11, 3S13, 5S13	97→11	HD50	HD50
T T1: 207D ... 410D	01.77→04.95	HD50	HD50	FUSO/CANTER Canter 3C11, 3C13, 3C15, 5C15	03.03→11	HD55	HD55
T T1: 507D ... 709D	→02.84	HD50	HD50	FUSO/CANTER Canter 6C15, 6C18, 7C15, 7C18	03.03→11	HD55	HD55
T T2: 507D ... 817D	03.84→05.86	HD60C	HD60C	FUSO/CANTER Canter / E-Canter	12→	HD50	HD50
T T2: 507D ... 817D	06.86→	HD60C	HD60C	FUSO/CANTER	12→	WP48	WP48
TOURINO	04→	HD90A	HD90A	L 200	10.96→02.06	HD50	HD50
TOURISMO TOURISMO	10.95→	HD100B	HD100B	L 200	03.06→	HD55	HD55
TOURISMO L	15→	HD100B	HD100B	L 300	01.80→86	WP40	WP40
TRAVEGO TRAVEGO	01.97→	HD100B	HD100B	L 300	91→	WP45	WP45
TRAVEGO M	15→	HD100B	HD100B	<b>NEOPLAN</b>			
UNIMOG U 20		HD60C	HD60C	CENTROLINER N4407		HD80	HD80
UNIMOG U 84, 100, 110	12.76→05.89	HD50	HD50	CENTROLINER N4411 / N4426...		HD90B	HD90B
UNIMOG U90, 100 L, 110, 110 L, 140, 140 L	07.92→	HD50	HD50	CENTROLINER N4411 / N4426...		HD90A	HD90A
UNIMOG U120, 425	02.76→	HD50	HD50	CENTROLINER N4416 / 4416 U	99→	HD80	HD80
UNIMOG U300 / U400 / U500		HD70A	HD70A	CITYLINER N116	75→99	HD70A	HD70A
UNIMOG U1000, 1200 ..... 2450 L, T, L/38	02.76→	HD50	HD50	CITYLINER N116	09.00→14	HD100B	HD100B
UNIMOG U1650		HD50	HD50	CITYLINER N116 ...	02.86→	HD55	HD55
UNIMOG U4023 / U5000 / U5023		HD50	HD50	CITYLINER N116 ...	02.86→	HD80	HD80
UNIMOG UX 100	09.96→	HD65B	HD65B	CITYLINER N1116...		HD70A	HD70A
VARIO Vario	09.96→	HD60C	HD60C	CITYLINER N1116...		HD80	HD80
VITO / CLASSE V Viano	11.05→	WP70	WP70	CITYLINER	75→	HD70A	HD70A




FOR/FÜR 		HEAVY DUTY	
			
CITYLINER N116 H/3	75→	HD70A	HD70A
CITYLINER N116/2	75→	HD70A	HD70A
CITYLINER N116/3	75→	HD70A	HD70A
CITYLINER N122/2	10.81→	HD100A	HD100A
CITYLINER N122/2	08.83→01.86	HD70A	HD70A
CITYLINER N122/2	02.86→	HD80	HD80
CITYLINER Cityliner (Euro 6)	15→	HD80	HD80
COMBILINER Combiliner	10.85→	HD100A	HD100A
EUROLINER N313SHD		HD100B	HD100B
EUROLINER N3316 UL / N3316 SHD / N3316 K		HD100B	HD100B
JETLINER N208	10.81→	HD100A	HD100A
JETLINER N212 H/SHD	10.81→	HD100A	HD100A
JETLINER N213 H/SHD	10.81→	HD100A	HD100A
JETLINER N214 H/SHD	10.81→	HD100A	HD100A
JETLINER N216 H/SHD/ Panorama	10.81→	HD100A	HD100A
JUMBOCRUISER N138	10.81→	HD100A	HD100A
JUMBOCRUISER N138	08.83→01.86	HD70A	HD70A
JUMBOCRUISER N138	02.86→	HD80	HD80
MEGALINER N128/4 Megaliner		HD70A	HD70A
MEGALINER N128/4 Megaliner		HD80	HD80
MEGALINER N128/4 Megaspacer		HD70A	HD70A
MEGALINER N128/4 Megaspacer		HD80	HD80
METROLINER N116 M/MK	10.81→	HD100A	HD100A
METROLINER N316	10.85→	HD100A	HD100A
METROLINER N8008, 8012 MIC	92→	HD100B	HD100B
SKYLINER N122/3	02.86→12.09	HD70A	HD70A
SKYLINER N122/3	02.86→12.09	HD80	HD80
SKYLINER N122/3 P, N122/3 L, 1122...	02.86→12.09	HD70A	HD70A
SKYLINER N122/3 P, N122/3 L, 1122...	02.86→12.09	HD80	HD80
SPACELINER N117/2	08.82→	HD70A	HD70A

FOR/FÜR 		HEAVY DUTY	
			
SPACELINER N117/2	02.86→	HD80	HD80
SPACELINER N117/3	08.82→	HD70A	HD70A
SPACELINER N117/3	02.86→	HD80	HD80
STARLINER 516...		HD80	HD80
TOURLINER 2216...		HD100A	HD100A
TOURLINER Tourliner (Euro 6)	16→	HD100A	HD100A
TRANSLINER N312	91→	HD100B	HD100B
TRANSLINER N314	91→	HD100B	HD100B
TRANSLINER N316 K	88→91	HD100A	HD100A
TRANSLINER N316 L/U/K/SHD	91→	HD100B	HD100B
TRANSLINER N318	91→	HD100B	HD100B
TRANSLINER N321 U	91→	HD100B	HD100B
TRANSLINER N407 SKI	81→	HD80	HD80
TRANSLINER N4008, N 4012, N 4017 MIC	89→	HD100B	HD100B
TRANSLINER SU N416	89→	HD100A	HD100A
TRANSLINER Unibus N 906, N907/Telebus	82→	HD80	HD80
<b>NISSAN</b>			
ATLEON	00→	HD60C	HD55
CABSTAR	01.84→92	WP45	WP45
CABSTAR E 75	07.92→07	WP45	WP45
CABSTAR E 95	07.92→07	WP45	WP45
CABSTAR E 110	07.92→07	WP45	WP45
CABSTAR	08→	HD50	HD50
ECO-T 100	09.96→	HD50	HD50
ECO-T 135	09.96→	HD50	HD50
ECO-T 160		HD50	HD50
ECO-T 200		HD50	HD50
Interstar (Euro - LHD)	02.02→09.11	HD60B	HD60B
INTERSTAR	02.02→09.11	HD60B	HD60B
KUBISTAR	11.03→	HD50	HD50

# APLICACIONES HEAVY DUTY

FOR/FÜR		HEAVY DUTY	
			
L 35		HD50	HD50
NT400 Cabstar	14→	HD50	HD50
NV200	12.09→	HD55	#NV
NV400	10.11→	HD65B	HD65B
NV400	10.11→	HD65B	HD65B
PRIMASTAR	03.02→	WP60	WP60
TRADE	01.86→00	HD50	HD50
URVAN	01.81→	WP45	WP45
VANETTE	→08.86	WP40	WP40
VANETTE	09.86→05.95	HD50	HD50
VANETTE Cargo	06.95→	HD60C	HD60C
<b>NOGE</b>			
GREGAL		HD100A	HD100A
TOURING	96→	HD100A	HD100A
TOURING Touring Star	96→	HD100A	HD100A
<b>OBRADOR</b>			
ST 5 C, ST 400	94→	HD100A	HD100A
ST 5 C, ST 400	94→	HD80	HD80
SW 360		HD100A	HD100A
<b>OMNIBUS</b>			
SUNDANCER		HD100A	HD100A
SUNRIDER	→11	HD100A	HD100A
Sunrise (Euro - LHD)		HD60B	HD60B
SUNSET	→05.06	HD60C	HD55
Sunset X / Sunset XL (Euro - LHD)	06→	HD60B	HD60B
<b>OPEL</b>			
COMBO	93→09.01	WP45	WP45
COMBO	10.01→10.11	HD50	#NV
Movano	09.98→10.99	HD60B	HD60B
Movano	11.99→04.10	HD60B	HD60B




FOR/FÜR		HEAVY DUTY	
			
MOVANO	05.10→	HD65B	HD65B
VIVARO	06.01→	WP60	WP60
<b>OPEL / VAUXHALL</b>			
MOVANO	05.10→	HD65B	HD65B
<b>OPTARE</b>			
CITY PACER	01.86→	HD100A	HD100A
<b>OTOKAR</b>			
KENT C	01.86→	HD100A	HD100A
NAVIGO U	02→	HD80	HD80
TERRITO U	11→	HD100A	HD100A
VECTIO C	04.07→	HD100A	HD100A
VECTIO T	04.07→	HD100A	HD100A
VECTIO U	04.07→	HD100A	HD100A
<b>PADANE</b>			
PADANE X/Z		HD100A	HD100A
<b>PEGASO</b>			
1080-1186 1080, 1083, 1086, 1135, 1145	01.74→01.81	WP45	WP45
1080-1186 1080, 1083, 1086, 1135, 1145	02.81→01.86	HD50	HD50
1080-1186 1180, 1181, 1183, 1184, 1186	01.87→	HD50	HD50
1080-1186 1080, 1083, 1086, 1135, 1145	02.87→	HD50	HD50
1190-2135 1190, 1231, 2080, 2081, 2082	01.87→	HD50	HD50
1226-2331 1234R, 2217, 2323, 2331	01.85→	HD50	HD50
2080-3088 2080, 2082, 2089, 3088	01.74→12.81	WP45	WP45
2180-2190 2180, 2181, 2189	01.78→12.81	WP45	WP45
2180-2190 2180, 2181, 2182, 2189, 2190	01.87→	HD50	HD50
3080-3189 3080, 3180, 3181, 3188, 3189	01.87→	HD50	HD50
3080-3189 Serie 260	01.90→	HD50	HD50
3080-3189 Serie Mider	01.91→	HD50	HD50
3080-3189 Serie Obras	01.91→	HD50	HD50
3080-3189 Tecno 1223, 1231, 1234, 1331	09.88→	HD50	HD50




FOR/FÜR 		HEAVY DUTY	
			
3080-3189 Tecno 2323, 2331	09.88→	HD50	HD50
<b>PEUGEOT</b>			
BOXER 1	02.94→06.06	HD55	HD55
BOXER 2	07.06→	WP65	WP65
EXPERT 1	10.95→12.06	HD65B	HD50
J5	01.82→02.94	HD50	HD50
J7, J9	06.65→12.79	WP40	WP40
PARTNER 2	05.08→	WP65	WP65
<b>PIAGGIO</b>			
PORTER / TIPPER / QUARGO	01.98→	WP40	WP40
<b>PLAXTON</b>			
PARAMOUNT 3200, 3500	81→	HD100A	HD100A
<b>POCLAIN</b>			
PELLE MECANIQUE	01.90→	HD100A	HD100A
<b>POLMOT</b>			
JELCZ 317, STAR	01.80→	WP40	WP40
JELCZ O 80	01.80→	HD60C	HD60C
<b>RENAULT TRUCKS (R.V.I.)</b>			
15-32T 15 168 ... 19 168	74→	WP40	WP40
15-32T 26 240 DHPM		WP40	WP40
15-32T 32 256 DHA		WP40	WP40
C C 210 ... C 340	01.75→05.87	HD50	HD50
C C 210 ... C 340	06.87→	HD50	HD50
C CS, MS (Mack)	01.86→	HD50	HD50
G G (Maxter, Manager)	01.93→	HD60C	HD60C
G G 170 ... G 340	01.83→12.92	HD50	HD50
G GB 131, GB 191, GB 231	06.80→12.84	HD50	HD50
G GBH, GLM, GLR 280	74→05.80	WP40	WP40
G GC 231	80→12.85	HD50	HD50
G GR 191, GR 231, GR 305	06.80→12.84	HD50	HD50




FOR/FÜR 		HEAVY DUTY	
			
G GRH 235, GRH 305, GRH 350	06.80→12.84	HD50	HD50
H HB, HF	10.77→	HD50	HD50
H HM 15, HM 17, HM 19, HM 26	10.77→	HD50	HD50
H HN 19, HN 26, HN 38	10.77→	HD50	HD50
J J, JN, JK, JP, JR, JK	01.75→05.87	HD50	HD50
J J	06.87→	HD60C	HD60C
KANGOO Kangoo / Kangoo express	07.01→12.07	HD50	HD50
KANGOO Kangoo 2	01.08→08	WP58	WP53
KERAX	01.97→12.05	HD65A	HD65A
KERAX	01.97→12.05	HD65A	HD65A
KERAX	01.06→	HD65A	HD65A
KERAX	01.06→	HD65A	HD65A
M M 140 ... M 230 (Midliner)	01.87→	HD60C	HD60C
MAGNUM / AE Magnum AE 380 ... 520	10.90→02.97	HD70A	HD70A
MAGNUM / AE Magnum AE 380 ... 520	03.97→13	HD70A	HD70A
MAGNUM / AE Magnum AE 380 ... 520	03.97→13	HD70A	HD70A
Mascott	06.99→10.99	HD60B	HD60B
Mascott	11.99→03.10	HD60B	HD60B
MASCOTT	11.99→03.10	HD60B	HD60B
MASTER Gamme B 70, B 90	01.83→12.92	HD70A	HD70A
MASTER Gamme B (Messenger)	01.93→10.97	HD60C	HD60C
MASTER Master	09.80→02.89	HD60C	HD60C
MASTER	03.89→10.97	HD60C	HD60C
Master	11.97→10.99	HD60B	HD60B
Master	11.99→03.10	HD60B	HD60B
MASTER	04.10→	HD65B	HD65B
MASTER	04.10→	HD65B	HD65B
MAXITY	08→	HD50	HD50
Gamme D (MAXITY) 3, 5 7, 5T	13→	HD50	HD50
Midlum	03.00→12.00	HD60A	HD60A






# APLICACIONES HEAVY DUTY

FOR/FÜR		HEAVY DUTY	
			
Midlum	01.01→	HD60A	HD60A
Gamme D (Midlum) 10 18T	06.13→	HD60A	HD60A
PREMIUM 1	05.96→12.05	HD65A	HD65A
PREMIUM 2	01.06→	HD65A	HD65A
PREMIUM 2	01.06→	HD65A	HD65A
Gamme D Wide (PREMIUM) 18 26T	06.13→	HD65A	HD65A
Gamme D Wide (PREMIUM) 18 26T	06.13→	HD65A	HD65A
Gamme C (PREMIUM) 250 320 CH	06.13→	HD65A	HD65A
Gamme C (PREMIUM) 250 320 CH	06.13→	HD65A	HD65A
Gamme C (new) 380 520 CH	06.13→	HD65C	HD65C
Gamme K (new) 380 520 CH	06.13→	HD65C	HD65C
Gamme T (new) 380 520 CH	06.13→	HD65C	HD65C
Gamme T High Sleeper (new) 440 520 CH	10.13→	HD65C	HD65C
R R (Major)	01.81→	HD50	HD50
S S 90 ... S 220	01.75→05.87	HD50	HD50
S S 90 ... S 220 (Midliner)	06.87→	HD60C	HD60C
S SM 5, SM 6, SM 7, SM 8	10.79→06.84	WP40	WP40
S SM 10, SM 12, SM 13	06.75→	HD50	HD50
S SM 170 ... SM 340	→01.79	HD50	HD50
SB 2	10.79→06.84	WP40	WP40
SG 1, SG 2, SG 3, SG 4, SG 5 (MASTER)	10.79→06.84	WP40	WP40
T CBH-Serie 280	04.86→05.87	HD50	HD50
T TB 191, TB 231	06.80→12.84	HD50	HD50
T TP 2, TP 3	→01.80	WP40	WP40
T TR 260, TR 280, TR 300, TR 305, TR 320	04.75→	HD50	HD50
T TRH 305, TR 320, TR 350	04.75→	HD50	HD50
TRAFIC	04.89→03.01	HD50	HD50
TRAFIC	04.01→01	WP60	WP60
<b>SAURER</b>			
D 290 F, N, D 330 B	→01.77	HD60C	HD60C

FOR/FÜR		HEAVY DUTY	
			
<b>SCANIA</b>			
Citywide LE		HD100B	HD100B
Citywide LF		HD80	HD80
Touring		HD100B	HD100B
Touring HD		HD100B	HD100B
80 Série 81 (LB)	01.75→01.81	HD50	HD50
80 Série 85 (BR, CR, Super)	01.73→01.81	HD70A	HD70A
80 Série 85 L, LB, LS, LBS, LBT, Super	01.69→01.75	HD50	HD50
80 Série 86 L, LB, LS, LBS	01.75→01.81	HD50	HD50
110 Série 111 L, LB, LS, LT, LBS, LBT, Super	01.75→01.81	HD50	HD50
110 Série 116 (BR)	01.79→	HD70A	HD70A
110 Omnicity	09.96→	HD80	HD80
110 Omniline IL94 IB	11.00→	HD90B	HD90B
110 Omnilink	98→01	HD80	HD80
110 Serie 112 - A (CN)	84→	HD70A	HD70A
110 Serie 116 (CN)	84→	HD70A	HD70A
140 Série 140 L, LB, LS, LT, LBS, LBT, Super	01.77→01.81	HD50	HD50
140 Série 145 (BR)	01.71→01.81	HD70A	HD70A
140 Série 145 (CR)	08.71→01.81	HD70A	HD70A
140 Série 146 KT, LB, LT	01.76→01.81	HD50	HD50
2-SERIES 82 (G, P, T)	08.79→03.88	HD60C	HD60C
2-SERIES 92 M, 92 L, 92 LB, 92 LBS)	01.81→01.88	HD60C	HD60C
2-SERIES 112 (CR)	01.78→	HD70A	HD70A
2-SERIES 112 M, H (P, R, T)	08.79→03.88	HD60C	HD60C
2-SERIES 142 L, LB, LS, LT, LBS, LBT, Super	01.75→01.81	HD50	HD50
2-SERIES 142 M (R, T)	08.79→03.88	HD60C	HD60C
3-SERIES 93 M, 93 H	04.88→	HD60C	HD60C
3-SERIES 113 M, H, R	04.88→	HD60C	HD60C
3-SERIES 143 M, H	04.88→	HD60C	HD60C
4-SERIES 94 C, D, G, L	10.95→	HD70A	HD70A

FOR/FÜR		HEAVY DUTY	
			
4-SERIES 114 C, G, L	10.95→	HD70A	HD70A
4-SERIES 124 C, G, L	10.95→	HD70A	HD70A
4-SERIES 144 C, G, L	10.95→	HD70A	HD70A
4-SERIES 164 C, G, L	05.00→	HD70A	HD70A
G Série G	08→	HD70A	HD70A
G Série G	08→	HD70B	HD70B
G Série G	08→	HD70B	HD70B
P P Serie 230...420 (P, R, T)	04→08.05	HD70A	HD70A
P P Serie 230...420 (P, R, T)	09.05→	HD70A	HD70A
P P Serie 230...420 (P, R, T)	09.05→	HD70B	HD70B
P P Serie 230...420 (P, R, T)	09.05→	HD70B	HD70B
R R Serie 380...580 (P, R, T)	04.04→08.05	HD70A	HD70A
R R Serie 230...620 (P, R, T)	09.05→11.16	HD70A	HD70A
R R Serie 230...620 (P, R, T)	09.05→11.16	HD70B	HD70B
R R Serie 230...620 (P, R, T)	09.05→11.16	HD70B	HD70B
T T Serie 380...580 (P, R, T)	04→08.05	HD70A	HD70A
T T Serie 230... (P, R, T)	09.05→	HD70A	HD70A
T T Serie 230... (P, R, T)	09.05→	HD70B	HD70B
T T Serie 230... (P, R, T)	09.05→	HD70B	HD70B
<b>SEDDON-ATKINSON</b>			
200, 300, 400 SERIES	→01.75	HD55	HD55
<b>SEKURA</b>			
CABINE		HD70A	HD70A
<b>SMIT</b>			
MERCURIUS	94→	HD80	HD80
METEOR	94→	HD100A	HD100A
<b>SOLARIS</b>			
URBINO III		HD80	HD80
URBINO 12		HD100A	HD100A
URBINO 12 LE		HD100A	HD100A

FOR/FÜR		HEAVY DUTY	
			
URBINO Electric		HD100A	HD100A
VACANZA		HD100A	HD100A
<b>STEYR</b>			
790	04.76→01.79	HD50	HD50
1290 > 1490 K.O.S	06.72→02.79	HD50	HD50
1291 > 1491 260, 280, 310, 320	04.78→12.87	HD50	HD50
13 S14, 17 S14, 18, 21, 23	04.86→	HD50	HD50
18 S36, 19 S36, 19 S42, 33 S42	01.94→	HD50	HD50
1890 F.O	04.75→04.81	HD50	HD50
1891 280, 310, 320, 330	02.82→12.87	HD50	HD50
19 S24, 40 S37	01.87→	HD50	HD50
28 S36		HD50	HD50
2891 260, 280, 330	10.83→12.87	HD50	HD50
320, 360, 390	01.87→	HD50	HD50
35 S36		HD50	HD50
590.170, 690.170	08.69→03.92	WP45	WP45
591, 691	01.84→04.86	HD50	HD50
591.136, 691.136	→01.84	WP45	WP45
791.145, 170, 195, 210	11.78→02.86	HD50	HD50
8 S14, 8 S18	04.89→	HD50	HD50
891, 170	11.78→02.86	HD50	HD50
9 S14, 18, 21 À 12 S14, 18, 21	04.86→	HD50	HD50
CITYBUS SC 6 F 55/65	01.75→	HD70A	HD70A
PINZGAUER VEB 4X4		WP45	WP45
SG 18 HUA 250		HD70A	HD70A
SL 11 HU 200, SL 11 HUA 250		HD70A	HD70A
SS 11 HU 200, SS 11 HUA 250		HD70A	HD70A
STADTBUS CS 6 F 55	10.73→	HD70A	HD70A
TRANSITBUSSE (ST.U.Ü)		HD70A	HD70A

# APLICACIONES HEAVY DUTY

FOR/FÜR		HEAVY DUTY	
			

## SUNSUNDEGUI

CITY STYLO	93→	HD100A	HD100A
INTER STYLO	93→	HD100A	HD100A
SIDERAL	97→	HD100A	HD100A

## T.A.M

122 A 75T	01.92→	HD70A	HD70A
122 T 8B	01.92→	HD60C	HD60C
232 A 90		HD100A	HD100A
232 A 90T	01.92→	HD100A	HD100A
260 A 116P	01.92→	HD80	HD80
260 A 119T		HD100A	HD100A
260 T 17BL	01.92→	HD60C	HD60C
331	01.92→	HD100A	HD100A

## TATA HISPANO




ADL Hybrid		HD100A	HD100A
Inter Premium		HD100A	HD100A
Naya		HD100A	HD100A
TML Hybrid		HD100A	HD100A
Xerus		HD100A	HD100A

## TATRA

613	01.76→	WP40	WP40
PHOENIX PHOENIX (Euro 6)	14→	HD60C	HD60C
PHOENIX PHOENIX (Euro 6)	14→	HD60C	HD60C

## TEMSA

Avenue LF		HD100A	HD100A
HD13		HD100A	HD100A
LD13 SB (LD SB)		HD100A	HD100A
LF12		HD100A	HD100A
MARATON		HD100A	HD100A
SAFARI 12 IC / 13 IC / 14 / HP		HD100A	HD100A

FOR/FÜR		HEAVY DUTY	
			

Tourmalin IC

HD90B

HD90B

## TERBERG

FM 1350		HD65B	HD65B
FM 1350		HD65B	HD65B
FM 1450		HD65B	HD65B
FM 1450		HD65B	HD65B
FM 1850		HD65B	HD65B
FM 1850		HD65B	HD65B
FM 1950		HD65B	HD65B
FM 1950		HD65B	HD65B
FM 2000		HD65B	HD65B
FM 2000		HD65B	HD65B
FM 2850		HD65B	HD65B
FM 2850		HD65B	HD65B
FM 3000		HD65B	HD65B
FM 3000		HD65B	HD65B
YT 182 (4X2)	08.08→	HD80	HD80

## TITAN





TF 3000 (10X8)		HD60C	HD60C
TTR 340 (8X8)		HD50	HD50





## TOYOTA

DYNA	01.79→01.83	WP40	WP40
HI-ACE I	01.79→01.83	WP40	WP40
HI-ACE II / III	08.85→10.95	WP40	WP40
HI-LUX	01.79→01.83	WP40	WP40
LITE-ACE I	01.79→01.83	WP40	WP40







## UNVI




SILINTERCITY		HD100B	HD100B
SILINTERCITY		HD80	HD80
URBIS		HD100B	HD100B




FOR/FÜR		HEAVY DUTY	
			
VOYAGER GT		HD100B	HD100B
UGARTE			
CX-ELITE	94→	HD100A	HD100A
CX-ELITE GLASS	95→	HD100A	HD100A
V D L			
AMBASSADOR		HD100A	HD100A
ARROW 30		HD100B	HD100B
ARROW 70		HD100B	HD100B
AXIAL 50		HD100A	HD100A
AXIAL 70		HD100A	HD100A
AXIAL 70		HD65B	HD65B
AXIAL 100		HD80	HD80
AXIAL 100		HD65B	HD65B
AXIAL DD138-430XE		HD80	HD80
DIPLOMAT 255		HD100A	HD100A
E 91		HD100A	HD100A
FUTURA		HD100A	HD100A
FUTURA DD		HD80	HD80
FUTURA		HD60C	HD60C
KUSTERS Mid Euro XL	05.95→05.06	HD60C	HD60C
MINI BUS	→05.06	HD60C	HD60C
MISTRAL 70		HD100B	HD100B
MISTRAL		HD65B	HD65B
PHILEAS		HD90A	HD90A
PROCITY		HD55	HD55
SYNERGY		HD80	HD80
SYNERGY		HD65B	HD65B
TRANSIT Transit 2000		HD100A	HD100A
TRANSIT Transit 2000 Midi		HD100A	HD100A

FOR/FÜR		HEAVY DUTY	
			
VAN HOOL			
A 300, A 300 CNG/ LPG	91→	HD90A	HD90A
A 308, A 308 CNG/HYB/ LPG/L	88→	HD90A	HD90A
A 309	04→	HD90A	HD90A
A 320	99→	HD90A	HD90A
A 330	97→	HD90A	HD90A
A 360	97→	HD90A	HD90A
A 500	85→	HD90A	HD90A
A 508	09.88→	HD90A	HD90A
A 600		HD90A	HD90A
ACRON		HD90A	HD90A
AG 300 AG 300, AG 300 CNG/LPG/T	01.92→	HD90A	HD90A
AG 500	85→	HD90A	HD90A
AG 700		HD90A	HD90A
AGG 300		HD90A	HD90A
ALIZEE T 815 H	82→	HD100A	HD100A
ASTRON		HD90A	HD90A
EOS 80	01.93→	HD90A	HD90A
EOS 90	01.93→	HD90A	HD90A
EOS 100	01.90→	HD80	HD80
EOS 100	01.90→	HD80	HD80
EOS 200	91→09.99	HD80	HD80
EOS 200	91→09.99	HD60C	HD60C
EOS 230	01.94→	HD80	HD80
EOS 230	01.94→	HD60C	HD60C
EOS 233	01.94→09.99	HD80	HD80
EOS 233	01.94→09.99	HD60C	HD60C
EX 15 H		HD100A	HD100A
EX 16 H		HD100A	HD100A
EX 16 M		HD100A	HD100A









# APLICACIONES HEAVY DUTY




FOR/FÜR		HEAVY DUTY		FOR/FÜR		HEAVY DUTY	
							
EX 17 H		HD100A	HD100A	T900 TD 927 Astromega	97→	HD80	HD80
EXQUI CITY		HD100A	HD100A	T900 TD 927 Astromega	97→	HD80	HD80
T800 T 812 HGT	09.88→	HD100A	HD100A	TX 11 Alicron		HD100A	HD100A
T800 T 815 Acron (Royal / New Look)	09.88→	HD50	HD50	TX 16 Acron		HD100A	HD100A
T800 T 815 Alicron (Royal / New Look)	01.91→	HD50	HD50	TX 16 Astron		HD100A	HD100A
T800 T 815 HGT, SL, Transligné	09.88→	HD100A	HD100A	TX 16 Astronef		HD100A	HD100A
T800 T 815 TL/CL		HD100A	HD100A	TX 17 Acron		HD100A	HD100A
T800 T 816 Altano (Royal / New Look)	01.92→	HD90A	HD90A	TX 17 Altano		HD80	HD80
T800 T 818 Altano (Royal / New Look)	01.92→	HD90A	HD90A	TX 17 Astronef		HD100A	HD100A
T800 TD 824 Astromega		HD90A	HD90A	TX 21 / TDX 21 Altano		HD80	HD80
T800 TD 824 Astromega		HD90A	HD90A	TX 21 / TDX 21 Altano		HD70A	HD70A
T800 TD 827 Astromega		HD90A	HD90A	TX 27 Astromega		HD80	HD80
T800 TD 827 Astromega		HD90A	HD90A	TX 27 Astromega		HD70A	HD70A
T900 T 9 Acron	95→	HD100A	HD100A	<b>VIBERTI</b>			
T900 T 9 Acron	95→	HD50	HD50	FIAT 418 AL/MS	01.79→	HD60C	HD60C
T900 T 911 Alicron		HD90A	HD90A	<b>VOLKSWAGEN</b>			
T900 T 915 Acron	95→	HD90A	HD90A	BULLY	→12.83	HD50	HD50
T900 T 915 Alicron	96→	HD90A	HD90A	CADDY / CADDY LIFE	04.04→02.07	WP60	WP60
T900 T 915 CL	09.00→	HD90A	HD90A	CADDY / CADDY LIFE	03.07→	WP60	WP60
T900 T 916 Astron		HD90A	HD90A	CADDY / CADDY LIFE	04.04→02.07	WP60	WP60
T900 T 916 Astron		HD50	HD50	CADDY / CADDY LIFE	03.07→	WP60	WP60
T900 T 916 Astronef		HD100A	HD100A	CADDY MAXI / MAXI LIFE	03.07→	WP60	WP60
T900 T 916 CL	04→	HD100A	HD100A	CADDY MAXI / MAXI LIFE	03.07→	WP60	WP60
T900 T 916 / 917 Altano	99→	HD80	HD80	CARAVELLE, CALIFORNIA	09.90→	HD55	HD55
T900 T 916 / 917 Altano	99→	HD80	HD80	CITY-BUS	01.92→	HD60C	HD60C
T900 T 917 Acron	99→	HD100A	HD100A	CRAFTER	06.06→	WP65	WP65
T900 T 917 Astron		HD100A	HD100A	CRAFTER	06.06→	WP65	WP65
T900 T 917 Astron		HD50	HD50	DANBURY	01.80→	WP45	WP45
T900 T 918 Altano		HD80	HD80	LT LT 28 ... LT 50	04.75→11.82	HD50	HD50
T900 T 918 Altano		HD80	HD80	LT LT 28 ... LT 50	12.82→96.96	HD50	HD50




FOR/FÜR		HEAVY DUTY	
			
LT LT	09.96→06.06	HD60C	HD50
SYNCHRO 410D	01.92→	WP45	WP45
TARO	01.91→	WP45	WP45
TRANSPORTER T1-T2	→04.79	WP40	WP40
TRANSPORTER T3	05.79→08.90	WP45	WP45
TRANSPORTER T4	09.90→12.03	HD55	HD55
TRANSPORTER T5	11.03→01.13	HD60C	HD55
TRANSPORTER	11.03→01.13	HD60C	HD55
TRANSPORTER	11.03→01.13	WP60	WP60
TRANSPORTER	11.03→01.13	WP60	WP60
TRANSPORTER	11.03→01.13	HD60C	HD55
TRANSPORTER	11.03→01.13	WP60	WP60
TRANSPORTER	11.03→01.13	WP60	WP60
MARCOPOLO Volkbus 18.280 OT LE (Viale BRS)	17→	HD80	HD80
<b>VOLVO</b>			
5000	98→	HD100A	HD100A
7000	09.99→	HD100A	HD100A
7250	05.99→	HD100A	HD100A
7450	98→	HD100A	HD100A
7700		HD100A	HD100A
7900		HD90A	HD90A
7900 ELECTRIC	15→	HD90A	HD90A
8700 LE		HD100A	HD100A
8900		HD90A	HD90A
9500		HD100B	HD100B
9700		HD100B	HD100B
9900		HD100B	HD100B
B10 B 6	01.94→	HD100A	HD100A
B10 400	99→	HD100A	HD100A
B10 B 10 B - GX 57		HD100A	HD100A

FOR/FÜR		HEAVY DUTY	
			
B10 B 10 B - GX 57		HD100A	HD100A
B10 B 10 B - SBL 12, B10 B ...		HD100A	HD100A
B10 B 10 L - SN 12		HD100A	HD100A
B10 M		HD100A	HD100A
B12 12		HD100A	HD100A
B12 500 H		HD100A	HD100A
B12 600	96→	HD100A	HD100A
B12 M		HD100B	HD100B
B12 M		HD65B	HD65B
C10 M	08.84→	HD100A	HD100A
CH 230		HD60C	HD60C
F 4	09.75→12.85	HD60C	HD60C
F 6	09.75→12.85	HD60C	HD60C
F 7	08.77→10.93	HD60C	HD60C
F 10	08.77→10.93	HD60C	HD60C
F 12	08.87→10.93	HD60C	HD60C
F 16	08.77→10.93	HD60C	HD60C
FE FE	06→12	HD65A	HD65A
FE FE	06→12	HD65A	HD65A
FH 10	11.93→01.06	HD65B	HD65B
FH 10	11.93→01.06	HD65B	HD65B
FH 12	11.93→01.06	HD65B	HD65B
FH 12	11.93→01.06	HD65B	HD65B
FH 16	11.93→01.06	HD65B	HD65B
FH 16	11.93→01.06	HD65B	HD65B
FH 16	02.06→12	HD65B	HD65B
FH 16	02.06→12	HD65B	HD65B
FH 16 (Euro 6)	03.13→	HD70A	HD70A
FH 16 (Euro 6)	03.13→	HD70B	HD70B
FL 4	01.85→	HD60C	HD60C

# APLICACIONES HEAVY DUTY

FOR/FÜR 		HEAVY DUTY		FOR/FÜR 		HEAVY DUTY	
							
FL 6	09.85→12.94	HD60C	HD60C	FM 7	06.98→12.01	HD65B	HD65B
FL 6	02.94→11.06	HD60C	HD60C	FM 9	12.01→03	HD65B	HD65B
FL 7	09.85→09.90	HD70A	HD70A	FM 9	12.01→03	HD65B	HD65B
FL 7	10.95→98	HD70A	HD70A	FM 10	06.98→12.01	HD65B	HD65B
FL 10	09.85→09.95	HD70A	HD70A	FM 10	06.98→12.01	HD65B	HD65B
FL 12	10.95→97	HD70A	HD70A	FM 12	06.98→01.06	HD65B	HD65B
FL 220 / 250	09.00→11.06	HD60C	HD60C	FM 12	06.98→01.06	HD65B	HD65B
FL	12.06→	HD60A	HD60A	FM FM / FMX	02.06→	HD65B	HD65B
FL FL	12.06→	HD60B	HD60B	FM FM / FMX	02.06→	HD65B	HD65B
FM 7	06.98→12.01	HD65B	HD65B	FS 7	01.85→95	HD60C	HD60C

FOR/FÜR		HEAVY DUTY	
			
FS 10	01.85→09.95	HD70A	HD70A
G G8	01.75→	WP45	WP45
N N 4	01.85→	HD60C	HD60C
N N 7	09.73→	WP40	WP40
N N 8 / NB 8	→08.73	WP45	WP45
N 40	09.73→	WP40	WP40
N 12	09.73→	WP40	WP40
NH 12	09.00→	HD65B	HD65B
NL 6	01.75→	HD60C	HD60C
NL 10	09.73→	WP40	WP40

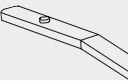


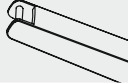
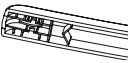
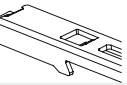

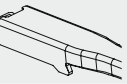
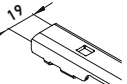

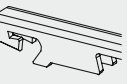
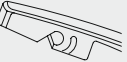
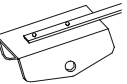


FOR/FÜR		HEAVY DUTY	
			
NL 12	09.73→	WP40	WP40
<b>WAGNER</b>			
CADNA		HD100A	HD100A
<b>WESTERN STAR</b>			
5700 5700 / 5700XE		HD50	HD50
<b>YUTONG</b>			
E 12 / E12 LF (Euro 6)	15→	HD80	HD80










# LISTADO DE ADAPTADORES

ADAPTADOR	TIPO	GANCHOS	ADAPTADOR	TIPO	GANCHOS	ADAPTADOR	TIPO	GANCHOS
	3A	2, 12, 26, 55		7A	54		G1	49
	3B-2	41, 42		7B	6		M	33
	3C-B	18, 19, 29		7A + 7C	24		M1	34
	3D-2	25, 26		7A + 7D	44		M2	37
	3F	1, 30		7A + 7E	50		M3	37
	3G + E3	12, 13		7I	45		M6	37
	3H-2	27, 28		7J	5		M7	39
	3H-8	27, 28		A2-1	9, 11		M8	38
	3H-9	27, 28		B	8, 10		T5	4
	3T	51		E3	2, 12, 13, 21		T8	33
	3U	20		F1	13		T9	12
	5A	31		F5	14		TR4	34
	5B	32		F7	16, 17		TR9	34
	5C	43		F9	13		V9	12
	5D	47		F10	12, 13		V12	2, 12, 21
	5E	46		F12	15			

# LISTADO DE BRAZOS

NÚM.	TIPO DE BRAZO	DESCRIPCIÓN	NÚM.	TIPO DE BRAZO	DESCRIPCIÓN	NÚM.	TIPO DE BRAZO	DESCRIPCIÓN
1		Insert Lock	21		PIN 4.8mm / 6.3mm	41		Side Lock 19mm
2		Bayonet 7mm x 2.6mm	22		Pinch Tab 3D-2	42		Side Lock 22mm
3		Bayonet 8.5mm	23		Pinch Tab 3D-2	43		Slide Pinch
4		Bayonet 10mm	24		Pinch Tab 11	44		Slider
5		Clip	25		Pinch Tab BMW	45		Slider 71
6		Double Post	26		Pinch Tab Type A	46		Snap Claw H
7		Push Button 15.5 mm	27		Push Button Narrow 19mm	47		Snap Claw L
8		HOOK 6mm x 2mm	28		Push Button 22mm	48		Spray Bar
9		HOOK 7mm x 2.2mm	29		Renault Scenic Type	49		Spray Bar Clips
10		HOOK 8mm x 3mm	30		Multi Hook	50		Top Button
11		HOOK 9mm x 2.5mm	31		Rock Loc 2	51		Push Button FZ
12		Hook 9mm x 3mm	32		Rock Loc 3	52		Top Button 19
13		Hook 9mm x 4mm	33		Saddle	53		Top Button 22
14		Hook 12mm x 4mm	34		Saddle 13.6mm	54		U-Clip
15		HOOK 14mm x 4mm	35		Saddle 17mm	55		Top Lock
16		HOOK 15mm x 4mm	36		Saddle 18mm			
17		HOOK 15mm x 5mm	37		Saddle 21, 24, 26 and 27mm			
18		Mercedes & Audi Easy Set 3C	38		Saddle 26mm			
19		Mercedes & Audi	39		Saddle 27mm			
20		Lift & Slide	40		Saddle 7/32" and 1/4"			

# RESUMEN DE SÍMBOLOS

SÍMBOLO	DESCRIPCIÓN	SÍMBOLO	DESCRIPCIÓN
	Modelo de vehículo		Detrás
	Año de modelo		Adaptador
	Conductor		Tipo de gancho
	Pasajero		

# CÓDIGOS CORTOS. SIMPLIFICADOS



**WP55**

WP = WIPER  
55 = 55 CM

**METAL WIPER**



**ST55**

ST = SMARTECH  
55 = 55 CM

**SMARTECH**



**SETOE5555**

SETOE = VEHÍCULOS  
EQUIPADOS  
ORIGINALMENTE  
CON ESCOBILLAS PLANAS  
5555 = 55 + 55 CM

**SETUP5555**

SETUP = CONVERSION  
DE ESCOBILLAS  
METALICAS A  
ESCOBILLAS PLANAS  
5555 = 55 + 55 CM

**EASY SET**



**RP12**

RP = REAR PLASTIC  
12 = 12 INCHES

**RF12**

RF = REAR FLAT  
12 = 12 INCHES

**REARS**



**H50**

H = HYBRID  
50 = 50 CM

**HYBRID**



**HD55**

HD = HEAVY DUTY  
55 = 55 CM

**HEAVY DUTY**

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