

**VITAL**<sup>®</sup>  
SUSPENSIONS *by OSRAV*

**OSRAV**<sup>®</sup>



**21**  
**CATALOGUE EDITION**  
**MOLLE A GAS / GAS SPRINGS**



## INDICE      CONTENTS

<b>MOLLE A GAS</b>	pag. 2/4
<i>GAS SPRINGS</i>	pag. 2/4
<b>ATTACCHI</b>	pag. 5
<i>END FITTING</i>	pag. 5

ALFA ROMEO	pag. 6	MAZDA	pag. 16
AUDI	pag. 6	MERCEDES BENZ	pag. 17
AUSTIN	pag. 8	MITSUBISHI	pag. 18
AUTOBIANCHI	pag. 8	NISSAN	pag. 18
BMW	pag. 8	OPEL	pag. 19
CHEVROLET	pag. 9	PEUGEOT	pag. 20
CITROËN	pag. 9	PIAGGIO	pag. 21
DACIA	pag. 10	RENAULT	pag. 21
DAEWOO	pag. 10	ROVER	pag. 23
FIAT	pag. 11	SAAB	pag. 23
FORD	pag. 12	SEAT	pag. 23
HONDA	pag. 13	SKODA	pag. 24
HYUNDAI	pag. 14	SMART	pag. 25
INNOCENTI	pag. 14	SUBARU	pag. 25
JEEP	pag. 14	SUZUKI	pag. 25
KIA	pag. 15	TOYOTA	pag. 26
LADA	pag. 15	VOLKSWAGEN	pag. 27
LANCIA	pag. 15	VOLVO	pag. 29
LAND ROVER	pag. 16		

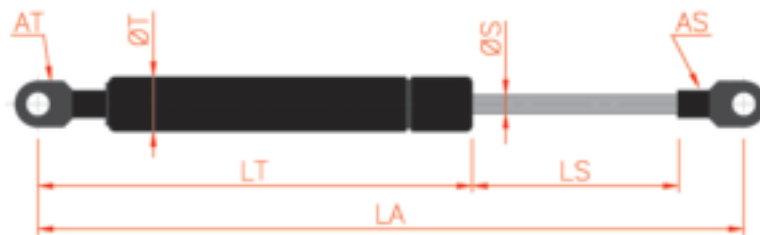
<b>CONDIZIONI GENERALI DI VENDITA E GARANZIA</b>	pag. 31
<i>GENERAL TERMS &amp; CONDITIONS &amp; WARRANTY</i>	pag. 32

La molla a gas è un prodotto che, accumulando energia di espansione sotto forma di forza oleo-pneumatica, può svolgere molteplici funzioni nel campo degli azionamenti in genere.

E' adatta infatti ad equilibrare, sostenere, aprire, chiudere e movimentare elementi mobili. La riduzione dello sforzo di azionamento, la frenatura progressiva di esercizio ed il funzionamento sicuro e silenzioso sono le principali caratteristiche di questo prodotto; caratteristiche che lo rendono adatto all'utilizzo in ogni campo industriale.

Il presente catalogo propone una vasta gamma di applicazioni delle molle a gas nel campo automobilistico; tuttavia è possibile studiarne l'utilizzo anche per soluzioni personalizzate.

Le molle a gas sono identificate con alcuni valori importanti:



**Lunghezza aperta (LA):** Rappresenta la lunghezza della molla, misurata fra l'asse dell'attacco sul tubo e quello dell'attacco sullo stelo. E' la lunghezza massima in estensione che la molla può raggiungere.

**Lunghezza tubo (LT):** Rappresenta la lunghezza della parte fissa della molla, misurata fra l'asse dell'attacco del tubo stesso ed il punto di uscita dello stelo.

**Lunghezza stelo (LS):** Rappresenta la lunghezza dello stelo, misurata fra il punto di uscita e l'inizio dell'attacco sullo stelo stesso. E' importante tenere in considerazione che la lunghezza dello stelo non equivale alla corsa della molla; infatti ci sono molle a gas che per esigenze costruttive o semplicemente a causa delle dimensioni ridotte non compiono l'escursione completa dello stelo. Pertanto è possibile che in alcuni articoli la corsa effettiva sia minore rispetto alla lunghezza dello stelo. In sede di progetto è utile comunque disporre di una porzione di stelo libera e non interessata al movimento in modo da non rischiare che la molla chiudendosi vada a fine corsa e quindi a danneggiare i suoi componenti.

**Corsa (C):** Rappresenta la differenza di lunghezza fra le dimensioni completamente aperte e completamente chiuse della molla, misurate fra l'asse degli attacchi sullo stelo e sul tubo. E' la lunghezza per la quale si sviluppa lo sforzo applicato dalla molla. Tuttavia in presenza di un punto di fermo in apertura o in chiusura la molla può non compiere l'intera corsa sviluppando comunque parte della sua forza.

**Diametro stelo (ØS):** Rappresenta il diametro dello stelo della molla a gas. Questo diametro è dimensionato in base allo sforzo che la molla può applicare prevedendone già l'utilizzo ad una elevata flessione.

**Diametro tubo (ØT):** Rappresenta il diametro del tubo fisso entro il quale scorre lo stelo. Anche questo diametro è dimensionato in funzione dello sforzo previsto per la molla e del diametro dello stelo.

**Attacchi stelo e tubo (AS & AT):** Rappresentano la tipologia e la forma dei fissaggi per l'ancoraggio della molla a gas al sistema che l'utilizza.

Per la maggior parte delle molle a gas gli attacchi sono sostituibili e possono essere cambiati con altri eventualmente più indicati ad applicazioni non automobilistiche.

**Forza (F):** La forza, elemento determinante della molla a gas, è la spinta che la stessa riesce a fornire al componente mobile al quale è applicata. La forza è indicata abitualmente in Newton (N) ed è calcolata appositamente per ogni tipo di applicazione. Per convenienza il valore relativo alla forza è impresso sul corpo di ciascuna molla.

The gas spring is a product which, storing expansion energy in the form of oleo-pneumatic force, has numerous applications in the general field of drive mechanisms.

It is ideal to balance, support, open, close and move numerous mobile parts.

The reduction of the driving stress, the progressive braking operation and the safe and silent working are the distinguishing features of the gas spring, making it ideal for use in any industrial field.

In this catalogue you will find a wide range of applications for gas springs in the car-manufacturing field, but if needed specific research can be carried out for custom-made applications.

Gas springs are identified by the following important factors:

**Extended length (LA):** represents the length of the spring measured between the axis of end fitting to the casing and end fitting to the rod. This is the maximum extended length for the spring.

**Tube length (LT):** represents the length of the unchangeable part of the spring, measured between the axis of end fitting on the casing and the point where the rod comes out.

**Rod length (LS):** represents the length of the rod, measured between the exit point of the rod and its end fitting.

Also note that the length of the rod is not the same as the stroke of the spring; in fact some gas springs do not run along the entire length of the rod, due to construction needs or simply because of their small dimension. Therefore in certain items, the effective stroke is less than the length of the rod. During the design phase, it is advisable to consider a free portion of rod that is not involved with the movement, so that there is no risk of the spring reaching its end limit and damaging its various components.

**Stroke (C):** represents the difference in length between the extended length and the collapsed length of the spring, measured between the axis of the end fitting on the rod and the axis of end fitting on the casing. It is along this length that the force of the gas spring develops.

However if there is a limit stop on opening or closing, the spring cannot complete the entire stroke and only a part of its force is developed.

**Rod diameter (ØS):** represents the diameter of the gas spring rod. This diameter is dimensioned on the basis of the force that the spring can apply, however already considering a use at high flexion level.

**Tube diameter (ØT):** represents the diameter of the fixed casing along which the rod runs. This diameter too is dimensioned on the basis of the force applied by the spring and the diameter of the rod.

**Rod and tube fittings (AS) & (AT):** represent the type and shape of end-fittings for fastening the gas spring to the system.

For the majority of gas springs, the fittings can be replaced and changed with others that are more suitable for applications other than the car industry.

**Force (F):** the force, the decisive element in a gas spring, is the push the spring can give to the mobile component it is applied to. The force is normally indicated in Newton (N) and specifically calculated for each application. For easier control, the relative force value is printed on the body of each spring.



## MOLLE A GAS

## GAS SPRINGS

O.S.R.A.V. lancia sul mercato un nuovo concetto di molla a gas, la linea E.C.O.

E.C.O. sta per *effortless controlled opening* che significa apertura controllata senza sforzi (senza fatica). Questo nuovo sistema di molla a gas permette un'apertura rapida del portellone e un successivo rallentamento nella parte finale della corsa ottenendo un effetto di tamponamento a finecorsa. Studiata per dare il massimo della resa in fase di apertura e preservare funzionamento ed integrità della stessa e dell'auto.

In figura 1 si può notare la differenza strutturale tra una molla a gas standard e le versione E.C.O.

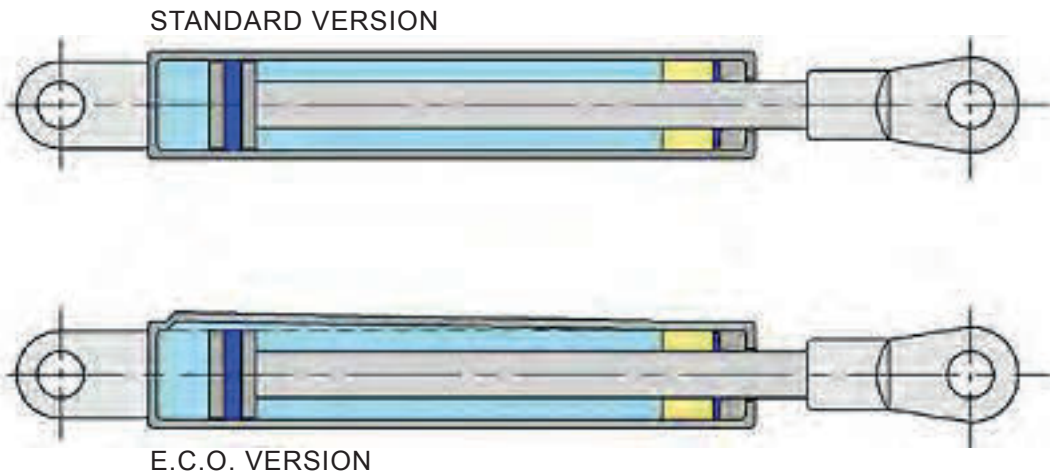
O.S.R.A.V. promotes on the market a new concept of gas spring, the new line product is called E.C.O.

E.C.O. means *effortless controlled opening* (opening without struggle). This new and innovative gas spring system allows a opening of the boot/hood with a following slowdown in the final part, to get a slowly ending effect of the stroke.

The E.C.O. spring is designed to reach the maximum speed in the opening phase and to preserve the behavior of the boot/hood.

- (Fig.1) See the structural difference between the standard gas spring and the new E.C.O version.

Fig. 1



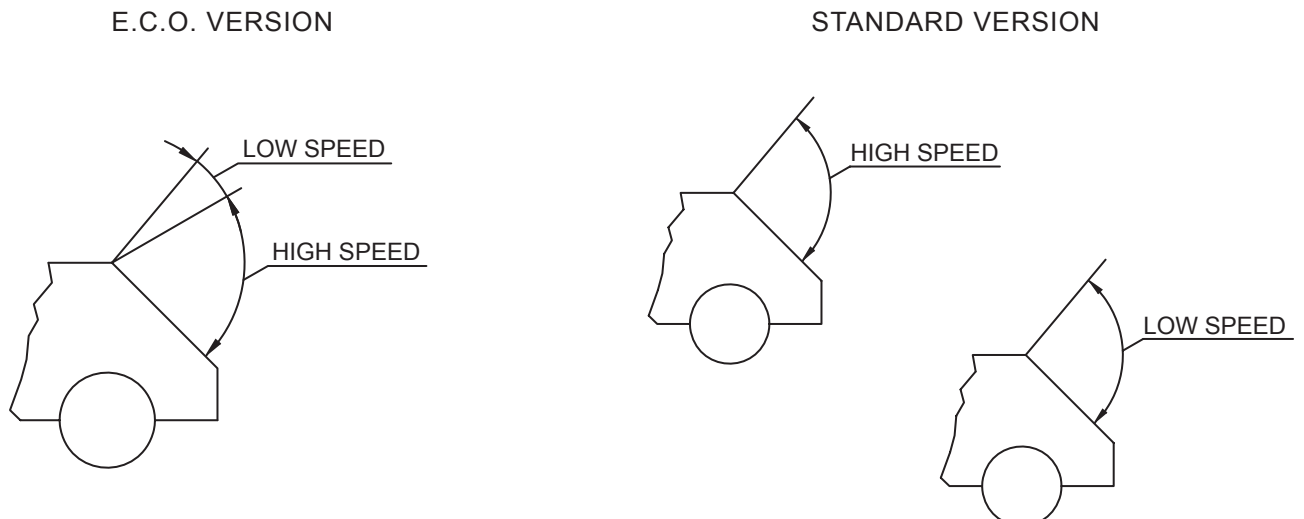
In figura 2 si può notare la differenza nel funzionamento tra la versione standard e la versione E.C.O. Il corretto funzionamento (E.C.O. version) prevede l'apertura veloce del portellone e la frenatura nella fase finale della corsa. Nella versione standard invece la velocità di apertura è costante e va stabilita in fase di progetto, in questo modo ci si trova di fronte a 2 varianti: bassa velocità di funzionamento, si è costretti ad accompagnare/aiutare il portellone nella fase di salita alta velocità di funzionamento, la molla a gas porta il portellone a finecorsa ad una velocità troppo elevata e provoca la rottura della stessa o addirittura danneggiare il portellone.

- (Fig.2) See the different behavior between the standard gas spring and the new eco version, which allows an high speed opening at the beginning and a following slowdown movement in the final phase.

On the other hand in the standard version the speed of the opening is steady and has to be defined during the project development. In this way we get only two different working ways:

- low speed - we have to help the boot during the opening action.
- high speed - it brings the boot to open so quickiy that causes the crash of the gas spring or the damage of the boot.

Fig. 2



## SVILUPPO DELLA FORZA

Il funzionamento della molla a gas è progressivo e segue un andamento che, in termini generali, è espresso nel grafico A:

La forza iniziale di apertura (F1) cresce fino allo sviluppo della forza massima (F2); con un ciclo simile ma inverso la molla a gas produce la forza di compressione dal valore massimo (F3) al valore minimo (F4). La misurazione delle forze avviene generalmente ad alcuni millimetri dal punto di chiusura ed apertura completa in modo da eliminare eventuali isteresi o attriti che possono prodursi ai margini di funzionamento della molla stessa.

Le molle a gas sono prodotte per ottenere una forza di esercizio misurata ad una temperatura standard di 20°C. L'utilizzo delle molle a gas avviene però in ambienti che spesso hanno temperature diverse o addirittura in continua variazione; per questo motivo la risposta delle molle, in termini di spinta e di velocità di azionamento può non essere la stessa.

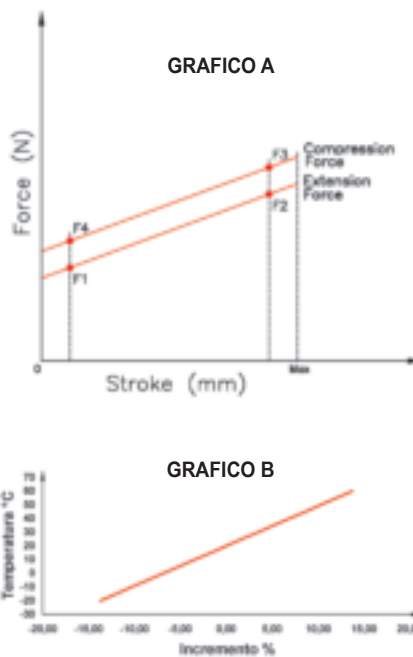
In particolare l'incremento (o la riduzione) dell'efficienza delle molle a gas è pari a circa 0.35% ad ogni grado di differenza dalla temperatura di prova. Tale differenza deve essere tenuta in considerazione specie relativamente all'impiego delle molle in campo industriale e nelle micro-apparecchiate.

## ANALYSIS OF THE FORCE

### CALCOLO DI UNA MOLLA A GAS

Il catalogo riporta l'elenco delle molle a gas disponibili in riferimento all'applicazione su uno specifico veicolo. Per queste applicazioni le dimensioni, gli attacchi e la forza sono stati forniti direttamente dalle case produttrici (considerando veicoli in condizione standard di equipaggiamento). In caso di applicazioni di altra natura, invece, le caratteristiche determinanti per la scelta di una molla a gas devono essere ricavate in base al tipo di applicazione. Il calcolo che segue permette di ottenere la forza necessaria ad una molla a gas per sollevare o muovere un componente.

E' consigliabile calcolare una percentuale (mediamente del 10%) da sommare alla forza ottenuta quale coefficiente di sicurezza salvo i casi in cui l'esigenza tecnica sia quella di bilanciare perfettamente l'automatismo. Una volta calcolata la forza di cui deve disporre la molla a gas devono essere verificate le dimensioni in funzione dell'applicazione stessa. Suddette dimensioni devono consentire alla molla l'apertura e la chiusura nelle condizioni ipotizzate in sede di calcolo.



A gas spring has a progressive movement and follows a trend which is generally expressed in the following graph:

The initial opening force (F1) increases until it develops the maximum force (F2); with a similar but reverse cycle, the gas spring produces the compression force from the maximum value (F3) to the minimum (F4).

The forces are normally measured at a few millimetres from the maximum closing and opening points, to eliminate any hysteresis or friction that could be produced at the operating margins of the spring.

Gas springs are made to give an operating force measured at a standard temperature of 20°C. However, gas springs are often used in extremely different temperatures or where the temperature is constantly changing, which means that the push and operating speed of the spring is not always the same. In particular, the increase (or reduction) of the efficiency of

a gas spring is around 0.35% for each degree difference from the testing temperature. This difference must be taken into consideration, especially when the springs are used in industry and in micro-equipment.

### CALCULATING A GAS SPRING

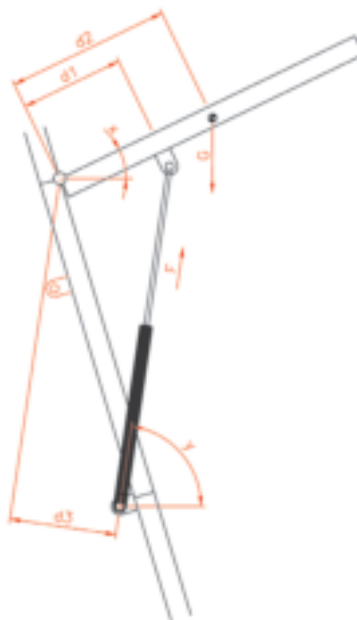
The catalogue gives a list of gas springs that are available for application on a specific vehicle. For these applications, the measurements, end-fittings and force are directly supplied by the car manufacturers (considering vehicles in standard equipment conditions).

For other applications, the features for deciding which gas spring to use must be calculated on the basis of the type of application.

The following calculation gives the required force for a gas spring to lift or move a component.

It is advisable to calculate a percentage (on average 10%) to be added to the force obtained, as a safety coefficient, except for those cases where the automatism must be perfectly balanced. Once the force for the gas spring has been calculated, the dimensions must be checked on the basis of the application itself.

These dimensions must ensure the opening and closing of the spring in the conditions given by the calculation.



- F** = Forza della molla a gas (N)
- N** = Numero delle molle applicate
- G** = Peso dell'anta o dell'automatismo (Kg)
- d1** = Distanza del fulcro dall'attacco molla (mm)
- d2** = Distanza del fulcro dal baricentro (mm)
- d3** = Braccio di applicazione della forza F (mm)
- y** = Angolo di applicazione della molla
- x** = Angolo di inclinazione ad apertura massima
- 9.81** = Coefficiente di conversione da N a Kg

$$F \cdot \sin y \cdot d1 \cdot \cos x \cdot N = G \cdot d2 \cdot \cos x \cdot 9.81$$

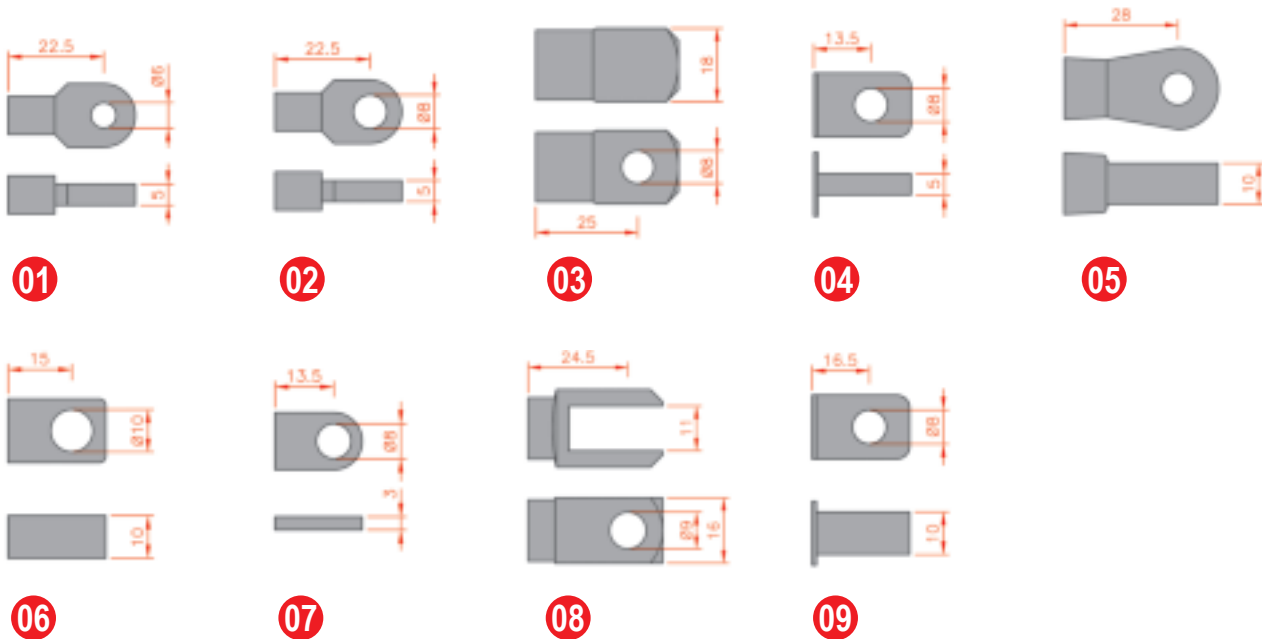
$$F \cdot \sin y \cdot d1 \cdot N = G \cdot d2 \cdot 9.81$$

$$F = \frac{G \cdot d2 \cdot 9.81}{\sin y \cdot d1 \cdot N}$$

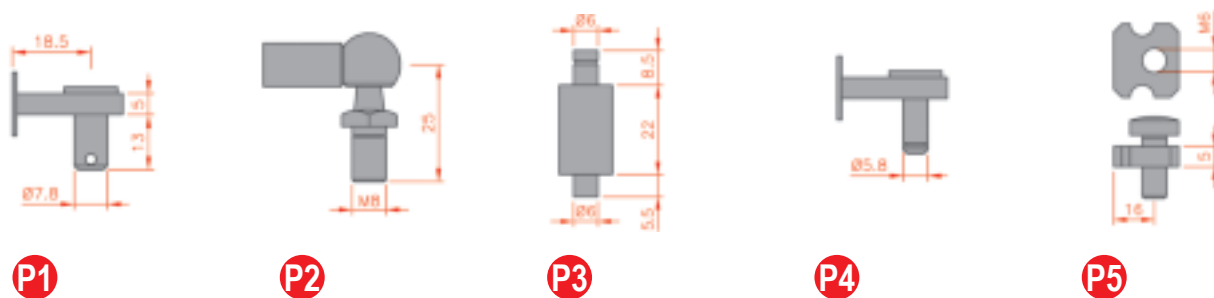
$$F = \frac{G \cdot d2 \cdot 9.81}{d3 \cdot N}$$

- F** = Gas spring force (N)
- N** = Number of springs applied
- G** = Weight of the wing or automatism (Kg)
- d1** = Distance of the fulcrum from the spring end-fitting (mm)
- d2** = Distance of the fulcrum from the barycentre (mm)
- d3** = Application lever arm for the force F (mm)
- y** = Application angle for the spring
- x** = Inclination angle with maximum opening
- 9.81** = Conversion coefficient N to Kg

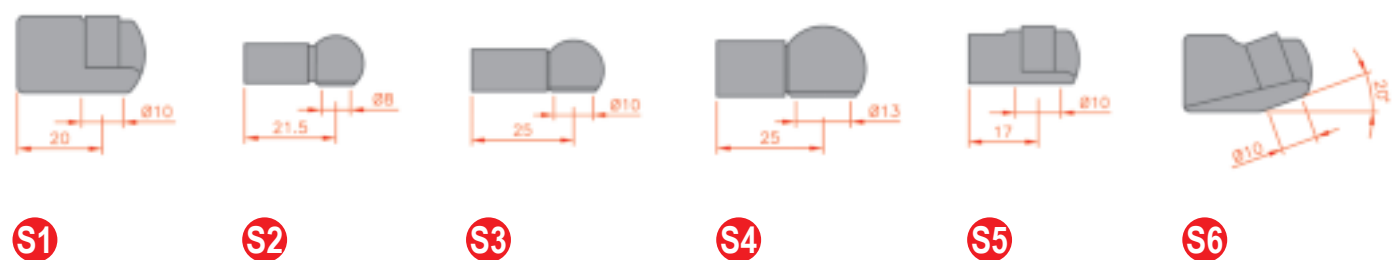
**Occhio - Eyering**



**Perno - Stud**



**Sfera - Ball**



**INFORMAZIONI GENERALI**

Il presente catalogo annulla e sostituisce tutti i precedenti.  
 Il catalogo prevede le applicazioni per specifico veicolo secondo tutte le informazioni disponibili al momento della stampa.  
 Tutte le informazioni contenute nel catalogo sono state inserite con la massima cura e attenzione, l'azienda non si assume tuttavia nessuna responsabilità per dati involontariamente inesatti o incompleti, né per applicazioni che subiscano o abbiano subito variazioni non riscontrate al momento della stesura del medesimo.

**GENERAL INFORMATION**

This catalogue cancels and replaces all previous ones.  
 The catalogue covers applications for specific vehicles on the basis of data available at the time of printing.  
 The information given in the catalogue has been prepared with the utmost care and attention, however the company accepts no liability for data that may be inexact or incomplete, nor for applications that had been changed but which were not available when the catalogue was printed.



★: Nuovo articolo disponibile - New article available  
 ▲: Articolo in fase di studio - Article at planning stage

Applicazione  
Application



Destro  
Right →

← Sinistro  
Left

MODELLO MODEL	ANNO YEAR	APP. APP.	CODICE PART N.	E.C.O. PART N.	RIF ORIGINALE OE NUMBER	LA	F	ØS	ØT	AS	AT
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## ALFA ROMEO

33 (905)	06.83 - 12.93	●	601.518		605025230	550	210	8	18	S2	O1
33 (905A) Sportwagon	09.84 - 12.89	●	601.519		605057710	548	230	8	18	S2	O1
33 Restyling	01.89 - 09.94	●	601.568		605673990	548	360	8	18	S2	O1
145 (930)	07.94 - 01.01	●	601.569		605677940	309	550	8	18	S1	S1
146 (930)	12.94 - 01.01	●	601.727		606048230	522	300	8	18	S1	S1
146 (930)	12.94 - 01.01	●	601.580		606125650	522	400	8	18	S1	S1
147 (937)	01.01 - 03.10	■		701.469	46739202	355	350	8	18	S1	S1
147 (937)	01.01 - 03.10	●		701.196	467715510	435	370	8	18	S3	S1
155 (167)	01.92 - 12.97	■	601.517		605641120	673	230	8	18	S2	S2
155 (167)	01.92 - 12.97	⬢	601.516		605405320	280	500	8	18	S1	S1
156 (932)	09.97 - 05.06	■	601.636	701.636	606547240	397	300	8	18	S5	S5
156 Berlina (932)	09.97 - 09.05	⬢	601.683	701.683	606510670	264	370	8	18	S5	S5
156 Sport Wagon (932)	05.00 - 05.06	●		701.341	60664833	350	620	8	20	S1	S1
159 (140)	09.05 - 11.11	■		701.342	60688574	602	250	8	18	S1	S1
159 Berlina (140)	09.05 - 11.11	●		701.343	60680087	290	380	8	18	S5	S5
159 Sport Wagon (140)	03.06 - 11.11	●		701.344	50508010	255	1180	10	22	S1	S1
164 (164)	01.87 - 09.98	■	601.022		605582220	614	240	8	18	P4	P4
164 (164)	01.87 - 08.91	⬢			605661470	275	620	8	18	S1	S1
164 (164)	08.91 - 09.98	⬢	601.521		605917620	275	430	8	18	S1	S1
166 (936)	09.98 - 06.07	■	601.684		606589240	434	480	8	18	S5	S5
166 (936)	09.98 - 06.07	⬢	601.685		606224240	278	390	8	18	S5	S5
Brera	01.06 -	■		701.342	60688574	602	250	8	18	S1	S1
Giulietta	04.10 -	■		701.429	50519970	420	250	8	18	S1	S1
Giulietta	04.10 -	●		701.430	50509830	500	410	8	18	S1	S1
GT	11.03 - 09.10	■		701.469	46739202	355	350	8	18	S1	S1
GTV (916) Coupè/ Spider	09.94 - 04.05	■	601.583		605774130	666	200	8	18	S1	S1
GTV (916) Spider	09.94 - 04.05	← ⬢	601.584		606221670	421	170	8	18	S1	S1
GTV (916) Spider	09.94 - 04.05	⬢ →	601.585		605946940	393	170	8	18	S1	S1
Mito	09.08 -	●		701.428	50515442	460	320	8	18	S1	S1
Spider	09.06 -	■		701.342	60688574	602	250	8	18	S1	S1
★ Stelvio (949)	12.16 -	■		701.900	505354500	255	350	8	18	S1	S5

## AUDI

80 (81, 85, B2)	04.84 - 08.86	⬢	603.549		811827552A	305	480	8	18	S6	S1
80 (81, 85, B2)	04.84 - 08.86	⬢			811827552	303	400	6	15	S1	S1
80 (81, 85, B2) Coupè	08.81 - 12.87	⬢	603.548		855827552G	355	245	8	18	S1	S1
80 (89, 8A, B3)	09.86 - 07.91	⬢	603.729		893827552	275	580	8	18	S3	S3
80 (89, 8A, B3) Con Spoiler	09.89 - 07.91	⬢	603.629		893827552A	275	660	8	18	S3	S3
80 (8C, B4)	01.92 - 01.96	■			8A0823360A	670	450	8	18	O2	O2
80 (8C, B4) Avant	01.92 - 01.96	●	603.730		8A9827552D	573	500	8	18	S1	S1
90 (81, 85, B2)	10.84 - 03.87	⬢	603.549		811827552A	305	480	8	18	S6	S1
90 (81, 85, B2)	10.84 - 03.87	⬢			811827552	303	400	6	15	S1	S1
90 (81, 85, B2)	04.87 - 07.91	⬢	603.729		893827552	275	580	8	18	S3	S3
90 (81, 85, B2) Con Spoiler	04.87 - 07.91	⬢	603.629		893827552A	275	660	8	18	S3	S3
100 (43, C2)	06.76 - 02.83	■	603.020		431823359	806	280	10	22	O2	O2

Attacco speciale  
Special



Occhio  
Eyering



01 Ø 6



02 Ø 8



03 Ø 8



04 Ø 8



05 Ø 8



06 Ø 10



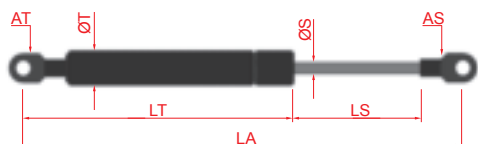
07 Ø 8



08



09 Ø 8



LA: Lunghezza totale - Total length  
 LT: Lunghezza tubo - Tube length  
 LS: Lunghezza stelo - Rod length  
 ØS: Ø stelo (mm) - Ø rod (mm)

ØT: Ø tubo (mm) - Ø tube (mm)  
 AS: Attacco stelo - End fitting rod  
 AT: Attacco tubo - End fitting tube  
 F : Carica in N - Force N

MODELLO MODEL	ANNO YEAR	APP. APP.	CODICE PART N.	E.C.O. PART N.	RIF ORIGINALE OE NUMBER	LA	F	ØS	ØT	AS	AT
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## AUDI

100 (44, C3)	07.82 - 11.90	■	603.036		443823359B	465	320	8	18	O2	O2
100 (4A, C4)	12.90 - 07.94	●	603.628		4A5827552	403	390	8	18	S3	S3
100 (4A, C4) Avant	09.91 - 10.94	●	603.732		445827551	581	470	8	18	S3	S3
200 (43)	10.79 - 09.82	■	603.020		431823359	806	280	10	22	O2	O2
200 (44)	08.83 - 09.91	■	603.036		443823359B	465	320	8	18	O2	O2
200 Avant (44)	09.83 - 09.91	●	603.732		445827551	581	470	8	18	S3	S3
A1 (8X1)	05.10 -	●		733.381	8X3827552	518	625	8	18	S1	S1
A2 (8Z)	02.00 - 08.05	●		703.721	8Z0827552C	502	420	8	18	S5	S6
A3 (8L1) incl. S3	09.96 - 05.03	■			8L0823359	500	350	8	18	S3	S6
A3 (8L1)	09.96 - 08.00	●		703.721	8D9827552	502	420	8	18	S5	S6
A3 (8L1)	09.00 - 05.03	●		703.251	8D9827552F	500	470	8	18	S3	S6
A3 II (8P1)	05.03 - 05.13	■		703.470	8P0823359A	715	290	8	18	S5	S5
A3 II (8P1)	05.03 - 08.12	●		703.345	8P3827552A	488	460	8	18	S5	S5
A3 II (8P1) Con spoiler	05.03 - 08.12	●		703.346	8P3827552D	495	490	8	18	S5	S5
A3 II (8PA) Sportback	09.04 - 03.13	■		703.470	8P0823359A	715	290	8	18	S5	S5
A3 II (8PA) Sportback	09.04 - 03.13	●		714.573	8P4827552B	532	400	8	18	S1	S1
★ A3 (8V_)	04.12 -	■		703.901	8V0823359/A	746	200	8	18	S6	S5
★ A3 (8VA, 8VF) Sportback	09.12 -	●		703.902	8V4827552	555	450	8	18	S1	S6
★ A3 (8V7, 8VE) Cabriolet	10.13 -	●		703.903	8V7827552A	234	600	8	18	S3	S3
A4 (8D, B5)	10.94 - 10.00	■		703.027	8D0823359A/B	720	290	8	18	O5	O5
A4 (8D, B5) Berlina	10.94 - 10.00	●	603.593		8D5827552A/B	283	470	8	18	S1	S1
A4 (8D, B5) Avant	11.95 - 09.01	●		703.721	8D9827552	502	420	8	18	S5	S6
A4 (8E, B6)	11.00 - 12.04	■	603.348		8E0823359A	722	325	8	18	S1	S1
A4 (8E2, B6) Berlina	11.00 - 12.04	●	603.197		4B5827552F	295	650	8	18	S1	S1
A4 (8E5, B6) Avant	09.01 - 12.04	●		703.198	8E9827552E	502	530	8	18	S1	S1
A4 (8E, B7)	11.04 - 06.08	■	603.348		8E0823359A	722	325	8	18	S1	S1
A4 (8EC, B7) Berlina	11.04 - 06.08	●		703.904	8E5827552C/J/K	298	700	8	18	S1	S5
A4 (8ED, B7) Avant	11.04 - 06.08	●		703.198	8E9827552H/K	502	530	8	18	S1	S1
A4 (8K, B8) incl. Allroad	11.07 -	■		703.478	8T0823359	765	340	8	18	S5	S5
▲ A4 (8K2, B8) Berlina	11.07 -	●			8K5827919/A	390	480	8	18	S3	S3
A4 (8K5, B8) Avant (Apertura Au)	04.08 -	●		703.479	8K9827552/B	500	440	8	18	S3	S3
A4 Cabriolet (8H7, B6, 8HE, B7)	04.02 - 03.09	■		703.470	8H0823359	715	290	8	18	S5	S5
A5 (8T, 8F)	10.07 -	■		703.478	8T0823359	765	340	8	18	S5	S5
A5 (8TA) Sportback	09.09 -	●		703.472	8T8827552	483	750	8	18	S5	S5
A6 (4A, C4)	06.94 - 12.97	■	603.254		4A0823359C	940	380	8	18	S5	O2
A6 (4A, C4)	06.94 - 10.97	●	603.628		4A5827552	403	390	8	18	S3	S3
A6 (4B, C5)	01.97 - 01.05	■		744.634	4B0823359A/B/C	725	280	8	18	S6	S6
A6 (4B, C5) Berlina	01.97 - 04.00	●	603.626		4B5827552A/C/D	275	630	8	18	S1	S1
A6 (4B, C5) Avant	12.97 - 04.00	●		703.688	4B9827552A	500	635	8	18	S5	S6
A6 (4B, C5) Berlina	05.00 - 01.05	●	603.197		4B5827552F	295	650	8	18	S1	S1
A6 (4B, C5) Avant	04.00 - 03.05	●		703.349	4B9827552E/L/M	500	690	10	22	S6	S5
A6 (4F, C6) incl. Allroad	05.04 - 08.11	■		703.473	4F0823359A	720	180	8	18	S6	S5
A6 (4F2, C6) Ber. (Apertura Au)	05.04 - 03.11	●		703.431	4F5827552A/B	300	670	8	18	S6	S5
▲ A6 (4F5, C6) Avant (Apertura Au)	03.05 - 08.11	●			4F9827552C	490	600	8	18	S3	S3
A6 (4G, C7)	03.11 -	■		703.471	4G8823359A	328	380	8	18	S6	S5

Perno Stud



Sfera Ball







MODELLO MODEL	ANNO YEAR	APP. APP.	CODICE PART N.	E.C.O. PART N.	RIF ORIGINALE OE NUMBER	LA	F	ØS	ØT	AS	AT
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## AUDI

A7 (4GA)	10.10 -	■		703.471	4G8823359A	328	380	8	18	S6	S5
Q5 (8R)	11.08 -	■		703.474	8R0823359A	330	380	8	18	S5	S5
Q5 (8R)	11.08 -	●		703.475	8R0827552	500	500	8	18	S6	S5
★ Q7 (4LB)	03.06 - 08.15	●		703.905	4L0827552C	498	525	8	22	S6	S6
TT (8N)	10.98 - 06.06	■	603.593		8N0823359	283	470	8	18	S1	S1
TT (8N) Coupè	10.98 - 06.06	⬢		703.351	8N8827552	405	520	8	18	S5	S5
TT (8N) Roadster	10.99 - 06.06	⬢			8N7827552A	405	150	8	18	S5	S5
TT (8J3, 8J9)	10.06 - 06.14	■	603.350		8J0823359C	315	440	8	18	S5	S5
TT (8J9) Roadster	10.06 - 06.14	⬢	603.353		8J8827552	470	630	8	18	S5	S5

## AUSTIN

Mini Metro	10.80 - 04.90	●	604.570		AFP1282	545	360	8	18	S1	S1
Montego (XE) Station Wagon	10.84 - 12.93	●	604.055		CDP6335	551	470	8	18	X	S1

## AUTOBIANCHI

A 112	10.69 - 12.86	●	605.017		4484653	362	190	8	18	S1	O2
Y 10	06.85 - 12.95	●	605.523		59700970/ 7703325	600	160	8	18	S3	S3

## BMW

Mini (R50-R53)	06.01 - 09.06	●		744.543	41626801258	498	330	8	18	S1	S1
Mini (R55, R56, R57, R58, R59)	10.06 -	■		708.842	51237148864	240	700	8	18	S1	S1
Mini (R56)	10.06 -	●		708.453	51247148902	495	370	8	18	S1	S1
Mini (R60) Countryman	06.10 -	■		708.843	51239802054	293	510	8	18	S1	S5
Mini (R60) Countryman	06.10 -	●		708.844	51249801386	493	460	8	18	S1	S5
Serie 1 (E82, E87, E88)	09.04 -	■		708.432	51237118370	375	350	8	18	S5	S5
Serie 1 (E87)	09.04 - 09.12	●		708.433	51247060622	410	400	8	18	S5	S5
Serie 3 (E30)	09.82 - 06.94	■	608.025		51231906286	254	350	6	15	O7	O2
Serie 3 (E36)	11.90 - 02.98	■	608.716		51231960852	364	320	6	15	O2	O2
Serie 3 (E36) Coupè	06.92 - 04.99	■	608.063		51238119558	410	280	6	15	X	X
Serie 3 (E36) Berlina - Coupè	11.90 - 04.99	⬢	608.715		51241960862	295	480	8	18	S1	S1
Serie 3 (E36) Touring	01.95 - 10.99	●	608.733		51248217305	515	390	10	18	S1	S1
Serie 3 (E46) (Excl. M3)	02.98 - 02.05	■	608.645		51238202688	316	580	8	18	S5	S5
Serie 3 (E46) Berlina - Coupè	02.98 - 02.05	⬢	608.064		51248254281	349	320	8	18	S1	S1
Serie 3 (E46) Touring	09.99 - 02.05	●		708.256	51248232873	543	450	8	18	S3	S3
Serie 3 (E90, E91, E92, E93)	01.05 -	■		708.438	51237129190	395	330	8	18	S5	S5
Serie 3 (E90)	01.05 - 12.11	⬢		708.439	51244365788	370	320	8	18	S5	S5
Serie 3 (E91) Touring	09.05 -	●		725.452	51247127875	540	450	8	22	S1	S5
Serie 5 (E34)	01.88 - 01.97	■	608.066		51231944119	240	380	8	18	X	X
Serie 5 (E34) Berlina	01.88 - 11.95	⬢	608.065		51248110327	365	410	8	18	X	X
Serie 5 (E34) Touring	08.91 - 01.97	← ●	608.734		51248149327	730	360	10	18	S3	X
Serie 5 (E34) Touring	08.91 - 01.97	● →	608.735		51248149328	730	360	10	18	S3	X
Serie 5 (E39)	11.95 - 07.04	■	608.736		51238174866	332	680	8	18	S1	S1
Serie 5 (E39) Berlina	11.95 - 05.96	⬢	608.737		51248159239	338	520	10	18	S3	X
Serie 5 (E39) Berlina	05.96 - 07.04	⬢	608.738		51248222913	348	540	10	18	S3	X
Serie 5 (E39) Touring	01.97 - 07.04	●	608.772		51248190688	242	560	8	18	O2	S3

Attacco speciale  
Special



Occhio  
Eyering



01 Ø 6



02 Ø 8



03 Ø 8



04 Ø 8



05 Ø 8



06 Ø 10



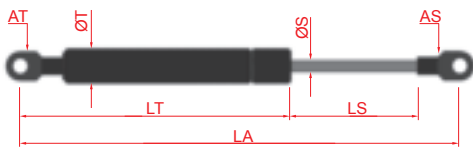
07 Ø 8



08



09 Ø 8



LA: Lunghezza totale - Total length  
 LT: Lunghezza tubo - Tube length  
 LS: Lunghezza stelo - Rod length  
 ØS: Ø stelo (mm) - Ø rod (mm)

ØT: Ø tubo (mm) - Ø tube (mm)  
 AS: Attacco stelo - End fitting rod  
 AT: Attacco tubo - End fitting tube  
 F: Carica in N - Force N

MODELLO MODEL	ANNO YEAR	APP. APP.	CODICE PART N.	E.C.O. PART N.	RIF ORIGINALE OE NUMBER	LA	F	ØS	ØT	AS	AT
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## BMW

Serie 5 (E61) Touring	06.04 -	●		708.480	51247061432	583	340	8	18	S5	S5
★ Serie 5 (F10, F11)	06.09 - 02.17	■		708.906	51237309119	310	355	8	18	S1	S5
Serie 6 (E24)	04.76 - 09.90	■	608.026		51231869147	498	230	8	18	O2	O2
★ Serie 6 (F06, F12, F13)	12.10 - 10.18	■		708.906	51237309119	310	355	8	18	S1	S5
Serie 7 (E23)	05.77 - 08.86	■	608.026		51231869147	498	230	8	18	O2	O2
X1 (E84)	10.09 -	■		708.481	51232990344	345	450	8	18	S5	S5
X1 (E84)	10.09 -	●		714.262	51242990136	570	460	8	18	S5	S5

## CHEVROLET

Aveo (T250, T255) 2 volumi	04.08 -	●		759.216	96540939	390	350	8	18	S1	S1
Captiva (C100, C140)	06.06 -	■		744.633	96661403/ 96830123	430	330	8	18	S1	S1
Captiva (C100, C140)	06.06 -	●		759.482	95494360/ 96830123	585	500	8	18	S5	S5
Kalos	03.05 -	●		759.216	96540939	390	350	8	18	S1	S1
▲ Matiz (M200, M250)	03.05 -	●			96601844/ 96507773	405	350	8	18	S5	S1

## CITROËN

AX (ZA-)	07.86 - 12.98	●	645.664		9563195680	545	300	8	18	S1	S1
★ Berlingo (ER_EC_B9, K9) (Lunotto apribile)	04.08 -	●		709.907	8731S0	627	640	8	28	S3	S3
Berlingo (MF, M_)	07.96 -	●		709.643	8731E0	698	660	8	18	S1	S1
▲ Berlingo (lunotto fisso)	04.08 -	●			8731R9	622	580	8	18	S5	S1
BX (XB)	01.82 - 11.94	●	609.529		6556845480	640	300	8	18	S1	S1
BX (XB) Break	08.85 - 11.94	●	609.638		9560649080	650	460	8	18	S1	S1
BX GT (XB)	01.82 - 10.86	●	609.640		9559852680	640	300	8	18	S1	O2
BX Turbo (XB)	10.86 - 11.94	●	609.046		9563598980	655	400	8	18	O2	O2
C1 (PM, PN)	06.05 -	●		709.434	8731L0	550	305	8	18	S5	S5
C2 (JM)	09.03 -	●		709.214	9641721980 / 8731H8	458	380	8	18	S5	S5
C3 (FC)	04.02 -	●		709.257	9639853880 / 8731G3	440	420	8	18	S1	S1
C3 II	11.09 -	●		709.440	8731T9	470	430	8	18	S5	S5
★ C3 III (SX)	07.16 -	●		709.908	9813177780	462	355	8	18	S6	S3
C3 Picasso	02.09 -	●		709.441	8731S1	550	420	8	18	S1	S1
C4 (LC) Berlina	11.04 -	●		709.780	9647295480 / 8731J8	545	425	8	18	S1	S1
C4 (LA) Coupè	11.04 -	●		709.354	9647295380 / 8731K0	556	500	8	18	S5	S5
C4 II (B7)	11.09 -	●		709.442	8731V8	490	475	8	18	S5	S5
★ C4 Cactus	09.14 -	●		709.909	9800805480	534	360	8	18	S3	S3
C4 Picasso	02.07 -	●		709.443	8731P2	635	545	8	18	S5	S6
C4 Gran Picasso (Lunotto fisso)	02.07 -	●		709.444	8731N9	585	605	8	18	S5	S6
C5 (DC, DE)	03.01 - 08.04	■	609.355		792514	506	120	8	18	S5	S5
C5 (DC) Berlina	03.01 - 08.04	●		709.356	8731F6	512	450	8	18	S5	S5
C5 (DE) Break (lunotto)	06.01 - 08.04	●	609.258		8731F7	289	250	8	18	S5	X
C5 II (RC) Berlina	09.04 -	●		709.483	8731K1	494	585	8	18	S5	S5
C5 III (TD) Break (Apertura man)	02.08 -	●		709.484	8731R6	545	535	8	18	S5	S1
C8 (EA, EB)	07.02 -	●		730.379	8731G6	632	510	8	18	S5	S5
C-Crosser (EP_)	02.07 -	●		703.721	8731Q1	502	420	8	18	S5	S6
DS3	11.09 -	●		709.445	8731V4	420	380	8	18	S5	S5
DS4	04.11 -	●		709.485	98.010.608.80	510	350	8	18	S5	S5





MODELLO MODEL	ANNO YEAR	APP. APP.	CODICE PART N.	E.C.O. PART N.	RIF ORIGINALE OE NUMBER	LA	F	ØS	ØT	AS	AT
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## CITROËN

★ DS5	11.11 - 07.15	●		709.910	9686809480	424	520	8	18	S6	S5
Evasion (22, U6)	03.94 - 11.95	●	630.713		8731A3	627	570	8	18	S1	S1
Evasion (22, U6)	11.95 - 07.02	●		730.714	8731C1	610	560	8	18	S1	S1
Evasion (22, U6)	06.94 - 07.02	●	613.571		9618278480	625	630	8	18	S1	S1
GS	09.70 - 07.86	●			GX6714001B	518	280	8	18	O2	O2
GS/GSA Break	09.70 - 07.86	●			95491745	596	260	8	18	O2	O2
Nemo (AA)	11.09 -	●		713.426	8731V0	600	670	8	18	S5	S5
Saxo (S0, S1)	05.96 - 02.02	●	609.594		8731C0	610	355	8	18	S1	S1
Visa	09.78 - 03.91	●	609.023		9558825480	597	500	8	18	O2	O2
Xantia (X1)	07.93 - 01.98	●	609.595		873197	600	590	8	18	S3	S3
Xantia (X2)	01.98 - 09.01	●	609.690		8731C3	603	680	8	18	S1	S1
Xantia Break (X1, X2)	06.95 - 04.03	●	609.691		8731A8	593	480	8	18	S1	S1
XM (Y3, Y4)	05.89 - 10.00	■	609.644		9563914480	545	250	8	18	S1	O2
XM (Y3, Y4) Break	05.89 - 10.00	●	609.642		9602696480	838	395	8	18	S1	S1
Xsara (N1, N2)	04.97 - 09.00	■	609.692		9629618980	458	300	8	18	S5	S5
Xsara (N1, N0)	04.97 - 04.05	●		709.693	8731E3	625	360	8	18	S5	S5
Xsara (N2) Break	10.97 - 08.05	●		709.705	9626677480	656	400	8	18	S5	S5
Xsara Picasso (N68)	12.99 - 09.00	■	609.692		9629618980	458	300	8	18	S5	S5
Xsara Picasso (N68)	12.99 -	●		709.135	8731F1	672	390	8	18	S5	S5
ZX (N2)	03.91 - 06.97	●	609.639		9612361280	602	320	8	18	S1	S1
ZX (N2) Con spoiler	03.91 - 06.97	●	609.596		9602754380	600	380	8	18	S1	S1
ZX (N2) Break	10.93 - 10.97	●	609.530		9612212280	540	520	8	18	S1	S1

## DACIA

★ Dokker	11.12 -	■		762.912	654704175R	442	425	8	18	S3	S3
Duster	04.10 -	■		762.487	654712943R	588	330	8	18	S1	S1
Duster	04.10 -	●		762.486	904520004R	405	595	8	18	S1	S1
★ Lodgy (JS_)	03.12 -	■		762.912	654704175R	442	425	8	18	S3	S3
★ Lodgy (JS_)	03.12 -	●		762.911	904528093R	526	495	8	22	S3	S3
★ Logan II	10.12 -	■		762.913	654713274R	579	310	8	18	S3	S3
Logan MCV (KS)	02.07 -	●		762.446	8200735264	520	370	8	18	S1	S1
★ Logan MCV II	02.13 -	●		762.914	904527457R	555	445	8	18	S3	S3
Sandero	06.08 -	●		762.446	8200735264	520	370	8	18	S1	S1
★ Sandero II	10.12 -	■		762.913	654713274R	579	310	8	18	S3	S3
★ Sandero II	10.12 -	●		762.915	904529943R	470	370	8	18	S3	S3

## DAEWOO - CHEVROLET

★ Kalos (KLAS)	09.02 -	●		759.216	96540939	386	350	8	18	S1	S6
Lanos (KLAT)	04.97 -	●	659.674		96306157	480	450	10	22	S3	S3
Matiz (KLYA)	09.98 -	●	659.673		96314606	490	605	8	18	S3	S3
Nubira (KLAJ) Station Wagon	06.97 -	●	659.694		96306833	450	560	8	18	P2	P2

Attacco speciale  
Special



Occhio  
Eyering



01 Ø 6



02 Ø 8



03 Ø 8



04 Ø 8



05 Ø 8



06 Ø 10



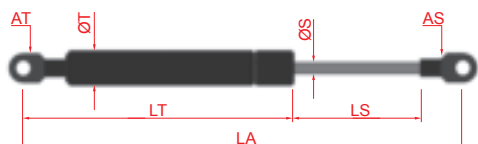
07 Ø 8



08



09 Ø 8



LA: Lunghezza totale - Total length  
 LT: Lunghezza tubo - Tube length  
 LS: Lunghezza stelo - Rod length  
 ØS: Ø stelo (mm) - Ø rod (mm)

ØT: Ø tubo (mm) - Ø tube (mm)  
 AS: Attacco stelo - End fitting rod  
 AT: Attacco tubo - End fitting tube  
 F : Carica in N - Force N

MODELLO MODEL	ANNO YEAR	APP. APP.	CODICE PART N.	E.C.O. PART N.	RIF ORIGINALE OE NUMBER	LA	F	ØS	ØT	AS	AT
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## FIAT

126 Bis	07.87 - 09.00	●	613.029		7550938	550	220	8	18	O2	O2
127	06.71 - 03.77	●	613.006		4297742	548	350	8	18	O2	O2
127	04.77 - 09.86	●	613.007		4426871	595	180	8	18	O2	O2
127 Panorama	01.77 - 12.86	●			4297742	547	370	8	18	O2	P1
128	03.69 - 12.84	●	613.009		39440480	598	390	8	18	O2	O2
131 Panorama	03.74 - 04.85	●	613.012		4327325	598	250	8	18	O2	O2
132 (GLS-Diesel)	04.72 - 12.82	⬢	613.005		4405569	256	280	8	18	O2	O2
500 (312) incl. Abarth	10.07 -	●		713.488	51785412	455	350	8	18	S5	S5
500 L	09.12 -	●		713.489	51883050	555	680	8	18	S5	S5
500 X	09.14 -	●		713.490	52029616	450	480	8	18	S1	S1
Argenta	06.78 - 07.86	⬢	613.010		44531950	256	320	8	18	O2	O2
Barchetta (183)	03.95 - 05.05	⬢	613.028		47300075	404	170	8	18	O2	O2
Brava (182)	10.95 - 12.02	●		713.581	77697370	519	350	8	18	S1	S1
Bravo (182)	10.95 - 12.02	●	613.582		7774707	470	360	8	18	S1	S1
Bravo II (198)	11.06 -	●		713.491	51812267	507	360	8	18	S1	S1
Cinquecento (170)	07.91 - 01.98	●		713.505	46453503	566	210	8	18	S5	S5
Coupè (175)	11.93 - 12.97	■ →	613.586		46304290	676	250	8	18	S2	S2
Coupè (175)	11.93 - 12.97	← ■	613.587		46305241	675	250	8	18	S2	S2
Croma (154)	12.85 - 12.96	⬢		713.008	824296860	500	510	8	18	O2	O2
Croma (194)	06.05 -	●	613.357		51934960	628	440	8	18	S5	S5
Doblo' (119, 223)	03.01 -	●		713.260	46824070	860	400	8	18	S1	S1
Doblo' II (263)	02.10 -	●		713.425	51885487	795	720	8	18	S1	S1
Ducato (280, 290)	01.82 - 03.94	●	613.011		44240450	800	500	10	27	O3	O9
Duna (146B) Weekend	01.87 - 12.91	●	613.504		7516691	527	520	8	18	S1	S1
Fiorino (225)	02.08 -	●		713.426	8731V0	600	670	8	18	S5	S5
Freemont (JF_)	06.08 -	●		713.492	68101213AA	500	550	8	18	S1	S1
Idea (135)	01.04 -	●		713.217	46830389	473	480	8	18	S6	S5
Marea (185) Weekend	09.96 -	●		713.597	46420780	506	420	8	18	S5	S5
Multipla (186)	04.99 -	■	613.624		46559858	210	200	8	18	S5	S5
Multipla (186)	04.99 -	●		713.622	46514867	507	520	8	18	S5	S5
Palio (178BX) Berlina	04.96 -	●	613.582		46530124	475	360	8	18	S5	S5
Palio (178DX) Weekend	04.96 -	●	613.621			585	480	8	18	S1	S1
Palio (178DX) Weekend	04.96 -	●		713.775	46524047	518	570	8	18	S5	S5
★ Panda (312, 319, 519)	02.12 -	●		713.959	51841634/0	400	420	8	18	S3	S3
Panda (141_A)	03.80 - 09.86	●	613.001		44836580	547	240	8	18	O2	P1
Panda Supernova (141_A)	10.86 - 07.04	●	613.002	713.002	75501720	548	400	8	18	O2	P1
Panda II (169)	09.03 -	●		713.218	46827091	504	280	8	18	S5	S5
Punto I (176)	09.93 - 08.99	●		713.506	77345660	445	300	8	18	S1	S1
Punto II (188) 3 Porte	09.99 -	●		713.676	46744596	470	330	8	18	S1	S1
Punto II (188) 5 Porte	09.99 -	●		713.682	46524678	456	380	8	18	S1	S1
Punto III (199) Grande punto	10.05 -	●		713.358	51778432	440	350	8	18	S5	S5
Punto Evo (199)	09.08 -	●		713.358	51778432	440	350	8	18	S5	S5
Punto IV (199)	03.12 -	●		713.358	51778432	440	350	8	18	S5	S5
Qubo (225)	09.08 -	●		713.426	8731V0	600	670	8	18	S5	S5

Perno  
Stud



Sfera  
Ball





MODELLO MODEL	ANNO YEAR	APP. APP.	CODICE PART N.	E.C.O. PART N.	RIF ORIGINALE OE NUMBER	LA	F	ØS	ØT	AS	AT
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## FIAT

Regata (138) Weekend	01.84 - 12.89	●	613.507		5981660	542	300	8	18	S1	S1
Ritmo 60/65/75 (138A, 178E)	01.78 - 07.83	●	613.003		39401990	600	360	8	18	O2	O4
Ritmo (138A, 178E) Restyling	07.83 - 12.88	●	613.004		39462450	602	360	8	18	O2	O4
Sedici	06.06 -	●		713.427	71743352/71743353	440	420	8	18	S1	S5
Seicento (187)	01.98 - 01.10	●		713.505	46453503	566	210	8	18	S5	S5
Stilo (192)	09.01 - 11.06	■	613.200		46784590	507	250	8	18	S1	S1
Stilo (192) Berlina (3 porte)	09.01 - 11.06	●		713.201	46784994	445	460	8	18	S1	S3
Stilo (192) Berlina (5 porte)	09.01 - 11.06	●		713.202	46784995	505	380	8	20	S1	S1
Stilo (192) MultiWagon	01.03 - 08.08	●		713.203	51716996	610	830	10	22	S1	S1
Strada (178E)	01.78 - 07.83	●	613.003		39401990	600	360	8	18	O2	O4
Strada (178E)	07.83 - 12.88	●	613.004		39462450	602	360	8	18	O2	O4
★ Talento (296)	06.16 -	■		733.947	654702565R	303	465	8	18	S3	S3
Tempra (159) Weekend	03.90 - 08.97	●	613.508		76063040	632	330	8	18	S6	S1
Tipo (160)	07.87 - 04.95	●		713.503	76717000	582	270	8	18	S1	S1
★ Tipo (356) 2 volumi	03.16 -	●		713.962	52062543/4	636	350	8	18	S1	S6
★ Tipo (356) Station Wagon	03.16 -	●		713.961	52063500/1	582	390	8	18	S6	S6
Ulysse (220)	03.94 - 11.95	●	630.713		8731A3	627	570	8	18	S1	S1
Ulysse (220)	11.95 - 08.02	●		730.714	8731C1	610	560	8	18	S1	S1
Ulysse (220)	03.94 - 08.02	●	613.571		9622553680	625	630	8	18	S1	S1
Ulysse II (179AX)	08.02 -	●	613.219	713.219	1489342080	630	500	8	18	S5	S5
Uno (146A)	01.83 - 08.89	●	613.501		59935420	600	420	8	18	S1	S1
Uno (146A) Turbo	04.85 - 03.91	●	613.623	713.623	7571080	592	430	8	18	S1	S1
Uno (146A) Restyling	09.89 - 12.96	●		713.502	76360490	566	280	8	18	S1	S1

## FORD

B-Max (JK)	10.12 -	●		714.493	AV11 R406A10 AB	553	550	8	22	S5	S5
C-Max (DM2)	02.07 -	●		714.262	3M51R406A10AB	570	460	8	18	S5	S5
C-Max II	12.10 -	●		714.494	AM51 R406A10 AD	683	565	8	18	S5	S5
Escort III-IV	09.80 - 07.90	●	614.566		86ABB406A10GA	577	320	8	18	S1	S1
Escort XR3	01.86 - 07.90	●	614.572		86ABB406A10HA	577	410	8	18	S1	S1
Escort V-VI-VII Station Wagon	08.90 - 09.00	●		714.573	91ABW406A10A1C	532	400	8	18	S1	S1
Escort VI-VII	05.92 - 09.00	●	614.739		93ABA406A10B1B	545	440	8	18	S1	S1
Fiesta I (GFBT)	05.76 - 08.83	●	614.552		77FBB404K04AD	613	380	8	18	S1	S1
Fiesta II (FBD)	08.83 - 12.88	●	614.740		84FBB406A10DB	614	330	8	18	S1	S1
Fiesta III (GFJ)	03.89 - 04.93	●	614.553		89FBB406A10B1C	570	645	8	18	S1	S1
Fiesta III (GFJ)	04.93 - 03.96	●	614.741		93FBB406A10BA	578	295	8	18	S1	S1
Fiesta IV (JA, JB)	01.96 - 10.01	●		714.598	96FBB406A10AA/BA	577	325	8	18	S1	S1
Fiesta V (JH, JD) 3 Porte	11.01 - 06.08	●		714.220	1251915/1218538	625	575	8	18	S5	S5
Fiesta V (JH, JD) 5 Porte	11.01 - 06.08	●		714.359	2S61A406A10AC	600	440	8	18	S5	S5
★ Fiesta VI (CB1, CCN)	06.08 -	●		714.916	1523356	545	335	8	18	S1	S5
★ Fiesta VII	05.17 -	●		714.917	2087420	580	295	8	18	S1	S6
Focus I (DAW, DBW) Berlina	06.98 - 10.00	●		714.678	XS41A406A10AE	463	655	8	18	S1	S1
Focus I (DAW, DBW) Berlina	11.00 - 12.04	●		714.495	3M51 A406A10 AB	455	700	8	18	S1	S1
Focus I (DNW) Station Wagon	02.99 - 12.04	●		714.679	XS41N406A10AE	516	550	8	18	S1	S1

Attacco speciale  
Special



Occhio  
Eyering



01

Ø6



02

Ø8



03

Ø8



04

Ø8



05

Ø8



06

Ø10



07

Ø8

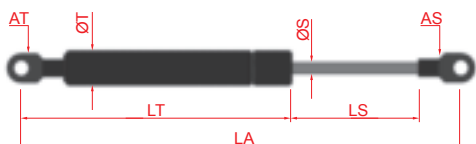


08



09

Ø8



LA: Lunghezza totale - Total length  
 LT: Lunghezza tubo - Tube length  
 LS: Lunghezza stelo - Rod length  
 ØS: Ø stelo (mm) - Ø rod (mm)

ØT: Ø tubo (mm) - Ø tube (mm)  
 AS: Attacco stelo - End fitting rod  
 AT: Attacco tubo - End fitting tube  
 F : Carica in N - Force N

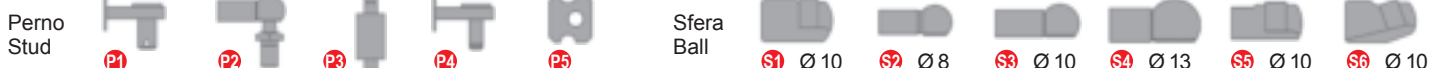
MODELLO MODEL	ANNO YEAR	APP. APP.	CODICE PART N.	E.C.O. PART N.	RIF ORIGINALE OE NUMBER	LA	F	ØS	ØT	AS	AT
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## FORD

Focus II (DA) Berlina	11.04 -	●		714.360	4M51A406A10AB	484	530	8	18	S1	S1
Focus II (DAW) Station Wagon	11.04 -	●		714.895	1349309	580	435	8	18	S1	S1
Focus C-Max (DMZ)	10.03 - 03.07	●		714.262	3M51R406A10AB	570	460	8	18	S5	S5
Focus III Berlina	04.11 -	●		714.896	BM51A406A10AD	600	385	8	18	S1	S6
Fusion (JU)	08.02 -	●		714.221	2N11N406A10AD	555	500	8	18	S5	S5
Galaxy (WGR)	03.95 - 05.06	■	644.373		1133865	452	350	8	18	S3	S3
Galaxy (WGR)	02.95 - 05.06	●	614.659	714.659	95VW442K08AG	596	775	10	27	S6	S1
Galaxy (CA1)	05.06 -	●	614.361	714.361	6M21U406A10AC	575	990	10	22	S5	S5
Ka (RB)	09.96 - 11.08	●		714.658	97KGB406A10AA	447	310	8	18	S1	S1
Kuga	03.08 -	●		714.447	1537538	657	480	8	18	S1	S1
★ Kuga II (DM2)	03.13 -	● →		714.918	1790926	742	670	10	22	S1	S1
★ Kuga II (DM2)	03.13 -	← ●		714.919	1945553	758	670	10	22	S1	S1
Mondeo I-II (GBP) Berlina	03.93 - 08.96	●	614.599		93BBA406A10AD	552	515	8	18	S1	S1
Mondeo I-II (BNP) Station Wagon	03.93 - 11.00	●	614.574		93BBN406A10AC	485	640	8	18	S1	S1
Mondeo III (B4Y, B5Y) Berlina	11.00 - 08.07	●	614.222		1S71F406A10AB	300	560	8	18	S5	S5
Mondeo III (BWY) Station Wagon	11.00 - 08.07	●		714.223	1S71N406A10AB	556	475	8	18	S5	S6
Mondeo IV (BA7) Berlina	03.07 -	●		714.448	7S71F406A10AF	380	540	8	18	S1	S5
Mondeo IV (BA7) Turnier	03.07 -	●		714.496	7S71N406A10AD	537	585	8	18	S1	S1
Puma (ECT)	03.97 - 06.02	●	614.657		V97FBC406A10AB	581	200	8	18	S1	S6
S-Max (WA6)	05.06 -	●	614.362		6M21R406A10AD	605	635	10	22	S6	S6
Sierra (GB)	08.82 - 02.93	●	614.554		83BBA406A10AD	498	450	8	18	S1	S1
Sierra (BN) Station Wagon	08.82 - 02.93	●	614.555		83BBN406A10BB	484	500	8	18	S1	S1
Tourneo Connect	06.02 -	●		714.449	2T14V406A10AB	678	480	8	18	S1	S5
★ Tourneo Connect	09.13 -	●		714.920	DT11V406A10AE	603	830	10	28	S5	S6
★ Tourneo Courier	02.14 -	●		714.921	ET76A406A10AB	591	735	10	28	S1	S1
Transit	09.70 - 10.85	●	614.575			554	790	8	18	S1	S1
Transit	11.85 - 08.91	●	614.742		86VBV406A10CA	550	850	10	22	S1	S1
Transit	11.85 - 08.91	●	614.743		86VBV406A10BA	550	810	10	22	S1	S1
Transit (F_)	01.00 - 05.06	●		714.497	1C15 V406A10 EA	849	670	10	22	S1	S1
Transit Connect (P65_P70_P80)	06.02 -	●		714.449	2T14V406A10AB	678	480	8	18	S1	S5
★ Transit Connect	02.13 -	●		714.920	DT11V406A10AE	603	830	10	28	S5	S6
★ Transit Courier	02.14 -	●		714.921	ET76A406A10AB	591	735	10	28	S1	S1

## HONDA

Civic (EG) 3 Porte	10.91 - 11.95	●	616.601		74820SR3305	465	180	8	18	P2	P2
Civic (MA, MB) 5 Porte	09.94 - 02.01	●	616.602		74820ST3E010	515	425	8	18	P2	P2
Civic (EJ9 - EK) 3 Porte	11.95 - 02.01	← ●	616.600		04746S03000	625	320	10	22	P2	X
Civic (EJ9 - EK) 3 Porte	11.95 - 02.01	● →	616.074		04741S03000	625	320	10	22	P2	X
Civic VII (FN, FK) Hatchback	01.06 -	●		716.498	74820SMGE010	640	455	8	18	S1	S1
★ Civic X (FC, FK)	02.17 -	●		716.922	74820TGGA011	560	550	10	22	S1	S6
Concerto (HW)	08.89 - 03.95	●	635.614		BHE38025	682	380	8	18	S1	S1
Concerto (HW) Con Spoiler	08.89 - 03.95	●	635.700		BHE38017	687	390	8	18	S3	S3
CRV III (RE)	01.07 -	●		716.499	74870SWAA01	625	510	10	22	S1	S1
CRX (ED, EE)	10.87 - 02.92	●	616.670		74820SH2601	536	340	8	18	P2	X
HR-V (GH)	03.99 -	● →	616.076		04741S2H010	727	400	10	22	P2	X





MODELLO MODEL	ANNO YEAR	APP. APP.	CODICE PART N.	E.C.O. PART N.	RIF ORIGINALE OE NUMBER	LA	F	ØS	ØT	AS	AT
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## HONDA

HR-V (GH)	03.99 -	← ●	616.077		04746S2H010	727	400	10	22	P2	X
Logo (GA)	03.99 - 03.02	●	616.265		74820S50G01	575	580	8	18	S3	X
Jazz (GD)	03.02 - 07.08	● →	616.263		04741SAA000	415	500	10	22	X	X
Jazz (GD)	03.02 - 07.08	← ●	616.264		04746SAA000	415	500	10	22	X	X
★ Jazz III (GE, GG, GP)	07.08 -	● →		716.924	04741TF0000	431	550	8	22	S3	S3
★ Jazz III (GE, GG, GP)	07.08 -	← ●		716.923	04746TF0000	431	550	8	22	S3	S3

## HYUNDAI

Accent (X-3)	09.94 - 01.00	●	617.080		8177022200	540	450	10	22	P2	P2
Accent (LC)	01.00 - 11.05	● →	617.078		81780-24212	596	230	8	18	X	X
Accent (LC)	01.00 - 11.05	← ●	617.079		81770-24212	596	230	8	18	X	X
Atos (MX)	02.98 -	● →	617.083		81770-02010	595	360	10	22	S1	X
Atos (MX)	02.98 -	← ●	617.084		81780-02010	595	360	10	22	S1	X
Atos Prime (MX)	08.99 -	● →	617.392		8177006000	450	450	8	18	S1	X
Atos Prime (MX)	08.99 -	← ●	617.393		8178006000	450	450	8	18	S1	X
Excel - Pony	01.90 - 01.95	●	617.080		8177022200	540	450	10	22	P2	P2
Getz (TB)	09.02 - 06.09	●	617.266		817701C000	485	370	8	18	S1	S5
H 100	07.93 - 03.00	← ●			8395043100	805	700	10	22	X	X
H 100	07.93 - 03.00	● →			8395043100	805	700	10	22	X	X
i10 (PA)	01.08 -	●	613.582		817700X000	470	360	8	18	S1	S1
★ i20 (GB, IB)	11.14 -	●		717.960	81780C8010	455	370	8	18	S1	S6
i20 (PB, PBT)	09.08 -	●		729.296	817701J000	425	450	8	18	S6	S5
i30 (FD)	10.07 - 11.11	●	637.706		817702L000	575	330	8	18	S1	S1
i30 CW (FD)	10.07 - 06.12	●	644.565		817702L201	518	460	8	18	S1	S3
i30 (GD) incl. Coupè	12.11 -	●		717.820	81780A6000	575	330	8	18	S1	S1
▲ ix20 (JC)	11.10 -	●			817701K000	475	610	8	18	S1	S1
ix35 (LM, EL)	01.10 -	●		717.821	817702Y000	485	560	8	18	S5	S5
Matrix (FC)	06.01 - 08.10	●	614.553		8177017030	570	645	8	18	S1	S1
Trajjet (FO)	03.00 - 07.08	●	617.267		817713A001	570	650	10	27	S5	S5

## INNOCENTI

Elba (146)	04.86 - 12.96	●	618.522		7516691	524	520	8	18	S1	S1
Mille	1994 - 1995	●	618.588		7636049	568	280	8	18	S1	S1
Mini 90 - 120	05.74 - 02.82	●	618.024		53471007	522	230	8	18	O2	O4
Mini 3 Cilindri	1990 -	●	618.024		53471007	522	230	8	18	O2	O4

## JEEP

Cherokee (XJ)	10.84 - 09.01	●	633.681	733.681	G0004296	600	750	10	22	S3	S3
Compass (MK49)	08.06 -	●		733.822	5109514AB	525	585	8	18	S1	S1
Gran Cherokee II (WJ, WG)	10.98 - 09.05	●		733.085	55317022AC	480	650	10	22	X	X
Gran Cherokee III (WH, WK)	06.05 - 12.10	●		733.781	55394322AA	508	585	10	22	X	X
Gran Cherokee IV (WK, WK2)	11.10 -	■		733.823	55113748AA	566	245	8	18	S1	S1
Gran Cherokee IV (WK, WK2)	11.10 -	●		733.824	55113632AA	722	730	10	22	S1	S1
Renegade (BU)	07.14 -	●		733.825	520176510	498	460	8	18	S1	S1

Attacco speciale  
Special



Occhio  
Eyering



01 Ø 6



02 Ø 8



03 Ø 8



04 Ø 8



05 Ø 8



06 Ø 10



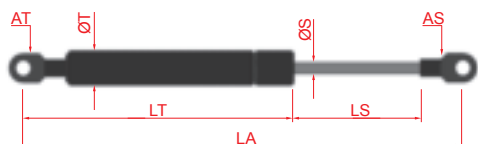
07 Ø 8



08



09 Ø 8



LA: Lunghezza totale - Total length  
 LT: Lunghezza tubo - Tube length  
 LS: Lunghezza stelo - Rod length  
 ØS: Ø stelo (mm) - Ø rod (mm)

ØT: Ø tubo (mm) - Ø tube (mm)  
 AS: Attacco stelo - End fitting rod  
 AT: Attacco tubo - End fitting tube  
 F : Carica in N - Force N

MODELLO MODEL	ANNO YEAR	APP. APP.	CODICE PART N.	E.C.O. PART N.	RIF ORIGINALE OE NUMBER	LA	F	ØS	ØT	AS	AT
<b>KIA</b>											
Besta Van	1993 -	← ●	655.086		K71063610YT	813	900	10	27	P2	X
Besta Van	1993 -	● →	655.087		K71062610YT	813	900	10	27	P2	X
Cee' d (ED) 2 volumi	12.06 -	●		755.826	817701H010	405	490	8	18	S5	S5
★ Cee' d (ED) Station Wagon	07.07 -	●		755.925	817701H510	390	800	10	22	S1	S1
★ Cee' d (JD) Berlina	05.12 -	●		755.926	81770A2000	408	470	8	18	S6	S6
★ Cee' d (JD) Sportswagon	09.12 -	●		755.927	81770A2200	445	660	8	18	S6	S5
Clarus (K9A)	07.96 -	● →	655.268		OK9A056860	603	150	10	22	S3	X
Clarus (K9A)	07.96 -	← ●	655.269		OK9A056902	603	150	10	22	S3	X
Clarus SW (GC)	05.98 -	● →	655.270		OK9D062410	615	430	10	22	X	X
Clarus SW (GC)	05.98 -	← ●	655.271		OK9D063520	615	430	10	22	X	X
Pregio (FP)	10.97 -	← ●	655.088		K72A63610	765	980	10	27	P2	X
Pregio (FP)	10.97 -	● →	655.089		K72A62610	765	980	10	27	P2	X
Rio II (JB)	03.05 -	●		755.827	817701G000	490	380	8	18	S5	S5
★ Rio III (UB)	09.11 -	●		755.929	817701W200	485	320	8	18	S3	S6
★ Rio IV (YB, SC, FB)	01.17 -	●		755.930	81770H8010	503	390	8	18	S3	S6
Sephia (FA)	01.95 - 10.97	← ●	655.272		OK2BB62620B	780	190	8	18	P2	X
Sephia (FA)	01.95 - 10.97	● →	655.273		OK2BB63620B	780	190	8	18	P2	X
Shuma (FB)	10.97 - 08.04	← ●	655.272		OK2BB62620B	780	190	8	18	P2	X
Shuma (FB)	10.97 - 08.04	● →	655.273		OK2BB63620B	780	190	8	18	P2	X
Sorento (JC)	08.02 -	■	655.275		811813E000	565	290	8	18	S5	S5
Sorento (JC)	08.02 -	●	655.276		817813E010	545	620	8	18	S5	S5
Sorento (JC) Lunotto	08.02 -	●	655.274		871803E000	360	100	8	18	S5	S5
Sportage (SL)	07.10 -	●		755.828	817703W000	455	570	8	18	S5	S5
★ Sportage (QL, QLE)	09.15 -	●		755.928	81770D9000	545	600	8	18	S6	S6
★ Stonic (YB)	07.17 -	●		755.930	81770H8010	503	390	8	18	S3	S6

<b>LADA</b>											
Niva (2121)	12.76 - 03.95	●	621.047		21086308015	435	280	8	18	P2	P2
Samara (2108, 2109)	07.86 - 03.99	●	621.564		21216308015	457	350	8	18	P2	P2

<b>LANCIA</b>											
Beta (828B) 1300 - 1600	08.73 - 07.82	●	622.014			255	320	8	18	O2	O2
Beta HPE (828BF)	05.76 - 09.84	●	622.015			353	650	8	18	O2	O2
Dedra (835)	01.89 - 07.99	⬡	622.511		824372560	266	450	8	18	S2	S2
Dedra (835) Station Wagon	07.94 - 07.99	●	622.576		467250280	525	380	8	18	S1	S1
Delta I (831AB0)	09.79 - 05.93	●	622.509		823366870	503	430	8	18	S3	S3
Delta II (836) Spoiler	06.93 - 02.95	●	622.590		82473205	363	800	8	18	S1	S1
Delta II (836)	03.95 - 09.99	●	622.510		464337020	367	670	8	18	S1	S1
Delta III (844)	09.08 -	●		722.450	51809199	645	300	8	18	S1	S1
Kappa (838)	10.94 - 10.01	■	622.514		824862830	578	440	8	18	S1	S1
Kappa (838A)	10.94 - 10.01	⬡	622.513		464295070	282	500	8	18	S1	S1
Kappa (838B) Station Wagon	07.96 - 10.01	●	622.591		46309135	565	410	8	18	S1	S1
Lybra (839)	07.99 - 10.05	■	622.719		46763101	402	280	8	18	S6	S6
Lybra (839AX) Berlina	07.99 - 10.05	⬡	622.718		464284380	290	380	8	18	S5	S5
Lybra (839BX) Station Wagon	07.99 - 10.05	●		722.720	464538350	384	560	8	18	S1	S1







MODELLO MODEL	ANNO YEAR	APP. APP.	CODICE PART N.	E.C.O. PART N.	RIF ORIGINALE OE NUMBER	LA	F	ØS	ØT	AS	AT
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## LANCIA

Lybra (839BX) Station Wagon	07.99 - 10.05	●		722.720	464538350	384	560	8	18	S1	S1
Musa (350)	10.04 -	●		713.217	46830389	473	480	8	18	S6	S5
Phedra (179)	09.02 - 11.10	●		713.219	1489342080	630	500	8	18	S5	S5
Prisma (831AB0)	03.83 - 06.89	⬢	622.512		823804530	330	340	8	18	S2	S2
Thema (834) Station Wagon	09.87 - 03.95	●	622.515		82430552	600	380	8	18	S1	S1
Trevi (828DB)	05.80 - 01.87	⬢	622.016			229	390	8	18	O2	O2
Y (840A)	11.95 - 09.03	●		722.589	7792951	483	300	8	18	S1	S1
Ypsilon (843)	10.03 - 12.11	●		722.224	46817935	480	420	8	18	S5	S5
Zeta	05.95 - 11.95	●	630.713		8731A3	627	570	8	18	S1	S1
Zeta	11.95 - 09.02	●		730.714	8731C1	610	560	8	18	S1	S1
Zeta	11.95 - 09.02	●	622.577		9618278480	627	630	8	18	S1	S1

## LAND ROVER

Range Rover Classic	07.70 - 07.94	●	623.745		MXC7833	495	225	8	18	S1	S1
Discovery III (TAA)	07.04 - 09.09	■		723.829	5H2216E610AA	400	320	8	18	S1	S1
Discovery IV (LA)	09.09 -	■		723.829	5H2216E610AA	400	320	8	18	S1	S1
Freelander 2 (FA)	10.06 - 10.14	■		723.830	6H5216C826BD	320	410	8	18	S1	S1
Freelander 2 (FA)	10.06 - 10.14	●		723.831	6H52406A10AG	536	505	8	18	S1	S1
★ Range Rover III (L322)	03.02 - 08.12	■		723.948	XH4216E610AA	292	410	8	18	S3	S3
Range Rover III (LM)	05.05 - 08.12	●		723.832	XH42406A10AA	515	580	8	18	S1	S1
Range Rover Sport (LS)	02.08 -	■		723.829	5H2216E610AA	400	320	8	18	S1	S1

## MAZDA

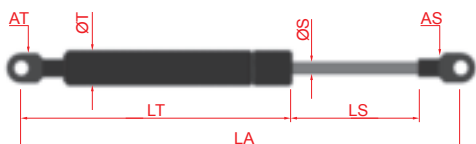
2 (DY)	04.03 -	●	624.225		DD1062620A	565	500	8	18	S6	S1
2 (DE)	10.07 -	●		724.833	D65162620A	505	340	8	18	S1	S1
3 (BK)	10.03 - 06.09	●	624.226		BP4K62620D	540	390	8	18	S6	S6
3 (BL)	06.09 -	●		724.451	BBM456930A	280	395	8	18	S1	S1
323 III (BF)	07.85 - 05.89	● →	624.095		8AB262620	667	290	8	18	P2	X
323 III (BF)	07.85 - 05.89	← ●	624.096		8AB263620	667	290	8	18	P2	X
323 III (BW) Station Wagon	05.86 - 03.93	● →	624.104		8BB862620	666	350	8	18	P2	X
323 III (BW) Station Wagon	05.86 - 03.93	← ●	624.105		8BB863620	666	350	8	18	P2	X
323 IV (BG) F 5 Porte	06.89 - 08.94	● →	624.098		8AB862620	491	380	10	22	P2	X
323 IV (BG) F 5 Porte	06.89 - 08.94	← ●	624.099		8AB863620	491	380	10	22	P2	X
323 IV (BG)	08.89 - 10.94	●	624.097		8AB462620	535	350	8	18	P2	X
323 V (BA) F	09.94 - 09.98	● →	624.102		B01C62620	542	380	10	22	P2	X
323 V (BA) F	09.94 - 09.98	← ●	624.103		B01C63620	542	380	10	22	P2	X
323 V (BA) C	09.94 - 09.98	● →	624.100		BC1C62620	532	400	10	22	P2	X
323 V (BA) C	09.94 - 09.98	← ●	624.101		BC1C63620	532	400	10	22	P2	X
323 VI (BJ) F	09.98 - 05.04	● →	624.746		B25R63620A	585	350	10	22	S3	X
323 VI (BJ) F	09.98 - 05.04	← ●	624.747		B25R62620A	585	350	10	22	S3	X
5 (CR19)	03.05 -	● →	624.363		C23562620A	555	480	8	18	S3	X
5 (CR19)	03.05 -	← ●	624.364		C23563620A	555	480	8	18	S3	X
626 II (GC)	03.83 - 05.87	●	624.106			704	320	8	18	P2	X
626 III (GV) Station Wagon	03.88 - 09.97	● →	624.111		8BG562620	621	470	10	22	X	X
626 III (GV) Station Wagon	03.88 - 09.97	← ●	624.112		8BG563620	621	470	10	22	X	X

Attacco speciale  
Special



Occhio  
Eyering





LA: Lunghezza totale - Total length  
 LT: Lunghezza tubo - Tube length  
 LS: Lunghezza stelo - Rod length  
 ØS: Ø stelo (mm) - Ø rod (mm)

ØT: Ø tubo (mm) - Ø tube (mm)  
 AS: Attacco stelo - End fitting rod  
 AT: Attacco tubo - End fitting tube  
 F : Carica in N - Force N

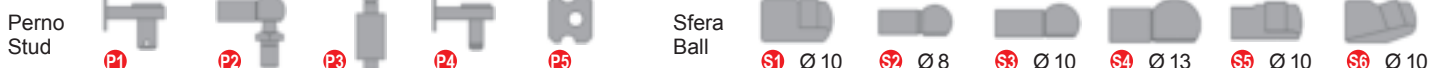
MODELLO MODEL	ANNO YEAR	APP. APP.	CODICE PART N.	E.C.O. PART N.	RIF ORIGINALE OE NUMBER	LA	F	ØS	ØT	AS	AT
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## MAZDA

626 IV (GE)	08.91 - 04.97	●→	624.107		GA8A62620A	495	650	8	18	P2	X
626 IV (GE)	08.91 - 04.97	←●	624.108		GA8A63620B	495	650	8	18	P2	X
626 IV (GE)	01.92 - 04.97	●→	624.748		GD8V62620B	496	730	10	22	S1	X
626 IV (GE)	01.92 - 04.97	←●	624.749		GD8V63620B	496	730	10	22	S1	X
626 V (GF)	05.97 - 12.99	●→	624.109		GE4V62620D	609	540	10	22	X	X
626 V (GF)	05.97 - 12.99	←●	624.110		GE4V63620D	609	540	10	22	X	X
626 V (GW) Station Wagon	02.98 - 01.00	●→	624.750		G14S62620C	585	510	10	22	S3	X
626 V (GW) Station Wagon	02.98 - 01.00	←●	624.751		G14S63620C	585	510	10	22	S3	X
Demio (DW)	08.98 -	●→	624.277		D20262620A	600	350	8	18	X	X
Demio (DW)	08.98 -	←●	624.278		D20263620A	600	350	8	18	X	X
MPV II (LW)	09.99 - 02.06	●→	624.279		LC6262620C	620	640	10	27	P2	X
MPV II (LW)	09.99 - 02.06	←●	624.280		LC6263620C	620	640	10	27	P2	X
Premacy (CP)	07.99 - 03.05	●→	624.281		C10062620D	495	450	10	22	X	X
Premacy (CP)	07.99 - 03.05	←●	624.282		C10063620D	495	450	10	22	X	X

## MERCEDES

190 / 190E (W201)	11.82 - 08.93	■	625.125		A2018800329	783	280	8	18	O2	X
Classe A (W168)	07.97 - 08.04	●	625.672	725.672	A1689800164	538	400	8	18	S1	S1
Classe A (W169)	09.04 - 06.12	●	625.365	725.365	A1697400045	500	430	8	18	S5	S5
▲ Classe A (W176)	06.12 -	●			A1769800364	527	390	8	18	S1	S1
Classe B (W245)	03.05 - 11.11	●		725.452	A1699800864	540	450	8	22	S1	S5
Classe B (W245)	11.11 -	●		725.841	A2469800564	520	540	8	18	S6	S6
Classe C (W202, T202)	06.93 - 08.00	■	625.283		A2028800029	265	1040	10	22	X	X
▲ Classe CLS (C219)	10.04 - 12.10	■			A2118800032	675	260	8	18	S1	S1
Classe C (S203)	03.01 -	●		725.834	A2037400045	512	470	8	18	S6	S1
Classe C (S204)	08.07 -	●		725.835	A2047400145	474	510	8	18	S1	S6
★ Classe C (W204, S204)	01.07 - 08.14	■		725.839	A2049800064	266	350	8	18	S1	S5
Classe E (S124) Station Wagon	09.85 - 06.96	●	625.030		A1249800164	280	1780	14	28	O8	O6
Classe E (W210, S210)	05.95 - 03.03	■	625.114		A2108800429	458	550	8	18	S3	S3
★ Classe E (W211, S211)	03.02 - 07.09	■		725.840	A2118800029	675	260	8	18	S1	S1
▲ Classe E (W211, S211)	03.02 - 07.09	■			A2118800032	675	260	8	18	S1	S1
Classe E (S211) Station Wagon	03.03 -	●		725.836	A2119800364	349	1300	10	24	S4	S4
Classe ML (W163)	02.98 -	■	625.284		A163800029	235	950	10	22	S3	S5
Classe ML (W163)	02.98 - 06.05	●	625.193	725.193	A1637400345	640	510	8	18	S1	S1
Classe M (W164)	07.05 -	●		725.837	A1648800029	573	330	8	22	S6	-
Classe M (W164)	07.05 -	●		725.838	A1647400145	558	725	10	22	S1	S6
Classe S (W140)	02.91 - 02.99	■	625.125		A2018800329	783	280	8	18	O2	X
★ GLC (X253)	06.15 -	●		725.931	A2539800164	644	300	8	18	S6	S6
Vaneo (W414)	02.02 - 07.05	●	625.366		A4149800064	695	640	8	18	S1	S1
Viano (W639)	09.03 -	●	625.367	725.367	A6399800364	667	775	10	28	S1	S1
Vito I (W638)	02.96 - 10.03	●	625.677		A6389800364	775	630	10	28	S1	S1
Vito II (W639)	09.03 -	●	625.367	725.367	A6399800364	667	775	10	28	S1	S1





MODELLO MODEL	ANNO YEAR	APP. APP.	CODICE PART N.	E.C.O. PART N.	RIF ORIGINALE OE NUMBER	LA	F	ØS	ØT	AS	AT
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## MITSUBISHI

Colt II (C1_A)	02.84 - 04.88	● →	626.115		MB112868	685	135	8	18	X	X
Colt II (C1_A)	02.84 - 04.88	← ●	626.116		MB112869	685	135	8	18	X	X
Colt III (C5_A)	04.88 - 05.92	● →	626.117		MB537086	573	280	8	18	X	X
Colt III (C5_A)	04.88 - 05.92	← ●	626.118		MB537085	573	280	8	18	X	X
Colt V (CJ_A)	09.95 - 09.00	● →	626.119		MB264532	468	250	8	18	P2	X
Colt V (CJ_A)	09.95 - 09.00	← ●	626.120		MB264531	468	250	8	18	P2	X
Colt VI (Z30)	06.04 -	●	626.368		MR959247	590	460	8	18	S1	S1
Galant (E5_A, E7_A, E8_A)	11.92 - 08.96	● →	626.121		MR170550/552	645	400	10	22	P2	X
Galant (E5_A, E7_A, E8_A)	11.92 - 08.96	← ●	626.122		MR170549/551	645	400	10	22	P2	X
L 200 (K74)	06.96 - 11.05	●			5003024012	435	178	8	18	S1	S1
L300 Van	1987 -	●	626.123		MB112154	714	630	10	27	X	P2
L300 Van	1990 -	●	626.124		MB112885	700	450	10	22	X	X
L300 Van	1994 -	●	626.126		MB337428	805	950	10	27	X	X
Lancer III (C_1V, C3_V) SW	09.85 - 06.92	●	626.127		MB337380	659	330	8	18	X	X
Lancer V (CB_W, CD_W) SW	12.92 - 06.03	●	626.773		MR199250	588	425	10	22	P2	S3
Outlander II (CW_W)	11.06 -	●		703.721	5802A007/ 5802A304	502	420	8	18	S5	S6
Space Runner (N1_W, N2_W)	10.91 - 08.99	● →	626.128		MB537521	517	500	10	22	X	X
Space Runner (N1_W, N2_W)	10.91 - 08.99	← ●	626.129		MB537520	517	500	10	22	X	X
Space Wagon (N3_W, N4_W)	10.91 - 10.98	● →	626.130		MB537550	500	500	10	22	X	X
Space Wagon (N3_W, N4_W)	10.91 - 10.98	← ●	626.131		MB537549	500	500	10	22	X	X
Space Wagon (N5_W)	10.98 - 12.04	● →	626.285		MR415174	500	630	10	22	X	S3
Space Wagon (N5_W)	10.98 - 12.04	← ●	626.286		MR415173	500	630	10	22	X	S3

## NISSAN

100 NX (B13)	03.90 - 10.94	● →	628.132			467	550	10	22	P2	X
100 NX (B13)	03.90 - 10.94	← ●	628.133			467	550	10	22	P2	X
Almera (N15)	07.95 - 03.00	● →	628.288		904510N000	485	355	8	18	X	X
Almera (N15)	07.95 - 03.00	← ●	628.287		904500N000	485	355	8	18	X	X
Almera Tino (V10)	08.00 -	●	628.289		90450BU000	520	530	8	18	S3	S3
Cherry (N13)	06.86 - 09.90	●	628.134		9045050M00	545	330	8	18	P2	P2
Cherry (N14)	10.90 - 05.95	● →	628.137		9045050C00	557	330	8	18	X	X
Cherry (N14)	10.90 - 05.95	← ●	628.138		9045050C00	557	330	8	18	X	X
Juke	06.10 -	●		728.454	90450-1KA1A	650	260	8	18	S5	S5
Kubistar (X76)	08.03 -	●		733.054	7700303186	690	630	10	22	S3	S3
Micra II (K11)	08.92 - 02.03	●	628.754		904504F111	548	290	8	18	S1	S1
Micra III (K12)	01.03 -	●	628.229		90450AX610	500	360	8	18	S1	S1
★ Micra IV (K13)	05.10 -	●		728.899	1Q0827550A/B	500	380	8	18	S1	S5
★ Micra IV (K13)	05.10 -	●		728.932	904503HN0A	495	320	8	18	S6	S6
Note (E11)	03.06 -	●	628.369		90450-9U00A	590	440	8	18	S5	S5
★ Note (E12)	06.13 -	●		728.933	904503VA0A	614	265	8	18	S6	S5
★ NV300 (X82)	09.16 -	■		733.947	654702565R	303	465	8	18	S3	S3
★ NV300 (X82)	09.16 -	●		729.300	8200162697	905	750	10	22	S1	S1
★ Primastar (X83)	03.01 -	●		729.300	8200162697	905	750	10	22	S1	S1
Primera (P10) 4 Porte	06.90 - 06.96	●	628.603		8443050J25	272	470	10	22	P2	P2
Primera (P10) 5 Porte	06.90 - 06.96	●	628.756		9045298J00	593	480	8	18	S1	S1

Attacco speciale  
Special



Occhio  
Eyering



01 Ø 6



02 Ø 8



03 Ø 8



04 Ø 8



05 Ø 8



06 Ø 10



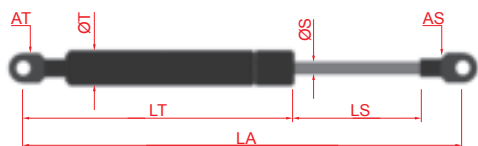
07 Ø 8



08



09 Ø 8



LA: Lunghezza totale - Total length  
 LT: Lunghezza tubo - Tube length  
 LS: Lunghezza stelo - Rod length  
 ØS: Ø stelo (mm) - Ø rod (mm)

ØT: Ø tubo (mm) - Ø tube (mm)  
 AS: Attacco stelo - End fitting rod  
 AT: Attacco tubo - End fitting tube  
 F : Carica in N - Force N

MODELLO MODEL	ANNO YEAR	APP. APP.	CODICE PART N.	E.C.O. PART N.	RIF ORIGINALE OE NUMBER	LA	F	ØS	ØT	AS	AT
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## NISSAN

Primera (P11) 4 Porte	06.96 - 07.02	●	628.757		844302F010	315	430	8	18	S1	S1
Primera (P11) 5 Porte	06.96 - 07.02	●	628.290		904522F705	520	730	8	18	S1	S1
Primera (WP11) Station Wagon	04.98 - 03.02	●	628.291		904538F810	527	660	8	18	S6	S5
Primera (P12) 4 Porte	03.02 -	●	628.370		84430AV600	268	510	8	18	S1	S1
Qashqai (J10)	02.07 -	●		728.455	90450-JD01B	515	355	8	18	S5	S5
Qashqai (J11, J11_)	02.14 -	●		728.845	904504EA1A	527	425	8	18	S5	S6
X-Trail (T31)	06.07 -	●		728.846	904504EA1A	580	560	8	18	S1	S1
Sunny II (N13)	09.85 - 10.90	●	628.134		9045050M00	545	330	8	18	P2	P2
Sunny III (N14) 3 Porte	10.90 - 10.95	●➔	628.137		9045050C00	557	330	8	18	X	X
Sunny III (N14) 3 Porte	10.90 - 10.95	←●	628.138		9045150C00	557	330	8	18	X	X
Sunny III (N14) 5 Porte	10.90 - 10.95	●➔	628.139		9045051C27	522	500	10	22	P2	X
Sunny III (N14) 5 Porte	10.90 - 10.95	←●	628.140		9045151C27	522	500	10	22	P2	X
Vanette (C120)	01.78 - 06.87	●	628.141		90451G2701	608	400	10	22	X	X
Vanette (C220)	10.86 - 12.95	●	628.142		9045004C25	790	350	10	22	X	P2

## OPEL

Agila A (H00)	09.00 -	●	629.056		4705436	645	475	8	18	S5	S5
Agila B (H08)	04.08 -	●		713.597	93193386	506	420	8	18	S5	S5
Astra F Berlina	09.91 - 03.98	●	629.560		90341282	595	350	8	18	S3	S3
Astra F Station Wagon	09.91 - 03.98	●		729.561	90132720	513	550	8	18	S1	S1
Astra G Berlina	04.98 - 03.04	●		729.661	90521517	538	430	8	18	S1	S1
Astra G Station Wagon	04.98 - 08.04	●		729.695	90559245	567	500	8	18	S6	S6
Astra H Berlina	03.04 -	●		729.296	24463829	425	450	8	18	S6	S5
Astra H Station Wagon	08.04 -	●		729.297	13122695	473	570	8	18	S1	S1
★ Astra H Twin Top (L67)	09.05 - 10.10	■		729.934	13243589	404	480	8	18	S3	S3
Astra J Berlina	12.09 -	●		729.456	13258179	585	400	8	18	S1	S1
★ Astra K (B16)	06.15 -	●		729.938	39021480	538	345	8	18	S6	S6
Calibra	03.90 - 08.97	⬢	629.562		132717	570	420	8	18	S1	S1
★ Combo (X19) (Lunotto apribile)	06.18 -	●		709.907	8731S0	627	640	8	28	S3	S3
Corsa A	09.82 - 03.93	●	629.660		90127138	615	610	10	22	S4	S4
Corsa A	09.82 - 03.93	●	629.558		90127137 - 132713	615	610	8	18	S3	S3
Corsa B 3 Porte	02.93 - 11.00	●	629.605	729.605	90481270 - 132724	540	370	8	18	S1	S1
Corsa B 5 Porte	02.93 - 11.00	●		729.604	90388707 - 132725	565	360	8	18	S1	S1
Corsa C (F08, F68)	09.00 - 12.06	●		729.207	09114311	470	350	8	18	S1	S1
Corsa D	01.07 -	●		729.371	13182537	602	240	8	18	S6	S6
★ Corsa E (X15)	09.14 -	●		729.937	13428038	608	260	8	18	S6	S6
★ Crossland X (P17)	03.17 -	●		729.936	39117353	415	615	10	22	S6	S5
★ Insignia A (G09)	07.08 - 03.17	■		729.847	13252173	725	180	8	18	S6	S5
★ Insignia A Tre Volumi (G09)	07.08 - 03.17	⬢		729.935	13262104	371	30	6	15	S3	S1
★ Insignia B Sports Tourer (Z18)	03.17 -	■		729.939	39082376	448	190	8	18	S6	S5
★ Insignia B Grand Sport (Z18)	03.17 -	●		729.940	13485204	588	425	8	18	S1	S6
▲ Insignia Berlina	07.08 -	⬢			13321298	500	660	8	18	S1	S1
Kadett E	08.84 - 07.91	●	629.556		90191627	535	440	8	18	S1	S1
Kadett E Station Wagon	08.84 - 07.91	●	629.557		90132711	702	370	8	18	S1	S1
Meriva	05.03 - 05.10	●		729.231	5132262	543	520	8	18	S1	S1

Perno  
Stud



Sfera  
Ball





MODELLO MODEL	ANNO YEAR	APP. APP.	CODICE PART N.	E.C.O. PART N.	RIF ORIGINALE OE NUMBER	LA	F	ØS	ØT	AS	AT
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## OPEL

Meriva B	06.10 -	●		729.457	13338367	482	700	8	18	S1	S5
Mokka	06.12 -	●		729.848	132111	618	370	8	18	S5	S5
Omega A Caravan	09.86 - 05.94	●	629.559		90246620	513	540	8	18	S1	S1
Omega B Caravan	05.94 - 07.03	●	629.758		90379081 - 132675	506	620	8	18	S1	S1
Signum	05.03 -	■	629.372		24454473	650	310	8	18	S6	S6
Sintra	11.96 - 04.99	●	629.298		132729	725	820	10	22	S1	S1
Tigra	07.94 - 12.00	●	629.606		90481180 - 132726	828	355	8	18	S1	S1
Vectra A Coupé	08.88 - 11.95	●	629.563		90227934 - 132715	473	570	8	18	S1	S1
Vectra B	10.95 - 03.02	■	629.759		90463721 - 1180402	250	850	8	18	S1	S1
Vectra B Berlina	08.95 - 07.98	⬢	629.760		90463749 - 132727	470	560	8	18	S1	S1
Vectra B Berlina	08.98 - 03.02	⬢	629.761		09152393 - 132681	470	600	8	18	S1	S1
Vectra B Caravan	08.95 - 03.02	●		729.762	90463781 - 132731	570	540	8	18	S1	S1
Vectra C	04.02 -	■	629.372		24454473	650	310	8	18	S6	S6
Vectra C Berlina 3 volumi	04.02 -	●		729.299	09177081	265	520	8	18	S1	S1
Vectra C Berlina 2 volumi	04.02 -	●		729.374	09180255	475	600	8	18	S1	S5
Vectra C Caravan	10.03 -	●	629.375	729.375	13247867 - 13101335	570	570	8	18	S1	S1
Vivaro	08.01 -	●		729.300	4414419	905	730	10	22	S3	S3
★ Vivaro B (X82)	06.14 -	■		733.947	654702565R	303	465	8	18	S3	S3
Zafira (F75)	04.99 - 06.05	●	629.143	729.143	90579440	540	590	8	18	S1	S1
Zafira B (A05)	07.05 -	●		729.458	13128759	505	610	8	18	S1	S1
Zafira Tourer C (P12)	10.11 -	●		729.850	13128759	485	660	8	22	S1	S1
★ Zafira Tourer C (P12)	10.11 -	■		729.849	1180057	424	260	8	18	X	S6

## PEUGEOT

104 Berlina	10.75 - 06.83	●	630.650		873145	640	360	8	18	S1	S1
106 (1A, 1C)	09.91 - 04.96	●	630.525		873185	585	310	8	18	S1	S1
107	06.05 -	●		709.434	8731L0	550	305	8	18	S5	S5
205 (741 A/C, 20 A/C)	02.83 - 09.98	●	630.524		873155	613	340	8	18	S1	S1
206 (2A/C) Berlina	09.98 -	●		730.696	8731E6	520	360	8	18	S5	S5
206 (2D) CC	09.00 -	●	630.376		8731F2	450	590	8	18	S1	S1
206 (2E/K) Station Wagon	07.02 -	●		730.377	8731G5	580	535	8	18	S5	S5
206 + (T3E)	01.09 -	●		730.696	8731E6	520	360	8	18	S5	S5
207 (WA, WC) Berlina	09.05 -	●		730.378	8731L7	505	330	8	18	S5	S5
207 (WK_) Station Wagon	06.07 -	●		713.622	8731Q0	507	520	8	18	S5	S5
★ 207 CC (WD)	02.07 - 01.15	●		730.941	8731N6	628	455	8	18	S3	S3
208	03.12 -	●		730.851	1609616580	468	405	8	18	S5	S5
305 (581 A/M) Berlina	10.77 - 07.90	⬢	630.651		862215	265	750	8	18	S1	S1
305 (581 D/E) Break	07.82 - 12.88	●	630.649		873149	635	360	8	18	S1	S1
306 (7A/C) 3/5 Porte	06.94 - 04.01	●	630.607		873193	600	300	8	18	S6	S6
306 (7B) 4 Porte	06.94 - 04.01	⬢	630.697		8731A2	290	290	6	15	S1	S1
306 (7E, N3/5) Break	05.97 - 04.01	●	630.698		8731E1	625	400	8	18	S5	S5
307 (3A/C) Berlina	08.00 -	●	630.208	730.208	792515	460	430	8	20	S1	S1
307 (3E/H) Station Wagon	03.02 -	●		730.209	8731F8	493	600	8	20	S3	S3
308 (4A_4C_) Berlina	09.07 -	●		730.459	8731Q6	455	410	8	18	S5	S5
▲ 308 Station Wagon (lunotto fisso)	09.07 -	●			8731Q7	530	620	8	18	S5	S5

Attacco speciale  
Special



Occhio  
Eyering



01 Ø 6



02 Ø 8



03 Ø 8



04 Ø 8



05 Ø 8



06 Ø 10



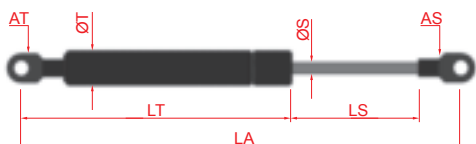
07 Ø 8



08



09 Ø 8



LA: Lunghezza totale - Total length  
 LT: Lunghezza tubo - Tube length  
 LS: Lunghezza stelo - Rod length  
 ØS: Ø stelo (mm) - Ø rod (mm)

ØT: Ø tubo (mm) - Ø tube (mm)  
 AS: Attacco stelo - End fitting rod  
 AT: Attacco tubo - End fitting tube  
 F : Carica in N - Force N

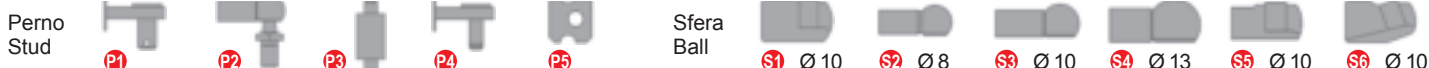
MODELLO MODEL	ANNO YEAR	APP. APP.	CODICE PART N.	E.C.O. PART N.	RIF ORIGINALE OE NUMBER	LA	F	ØS	ØT	AS	AT
<b>PEUGEOT</b>											
308 II Berlina	09.13 -	●		730.855	9807899380	502	420	8	18	S5	S5
309 II (3A/C)	08.89 - 12.93	●	630.528		873178	565	440	8	18	S1	S1
405 (15E, 4E)	10.88 - 10.96	●	630.608		873183	420	730	8	18	S1	S1
406 (8B) Berlina	10.95 - 12.98	◐	630.647		8731A7	493	230	8	18	S1	S1
406 (8E/F) Break	10.96 - 10.04	●	630.648		8731C5	555	550	8	18	S1	S1
407 (6D) Berlina	05.04 -	◐	630.301		8731K4	320	470	8	18	S1	S1
▲ 407 (6E) Station Wagon	05.04 -	●			8731J6	375	615	8	18	S1	S1
504 (D,F) Break	04.71 - 07.86	●	630.034		873143	600	450	8	18	O2	O2
504 (D,F) Station Wagon	04.82 - 12.93	●	630.526			600	450	8	18	S3	S3
505 (551A) Berlina	05.79 - 10.82	◐			862212	475	360	8	18	O2	O4
505 (551A) Berlina	11.82 - 06.83	◐	630.049		862213	415	360	8	18	O2	O4
505 (551D) Break	07.83 - 09.92	●	630.527		873151	640	470	8	18	S1	S1
508 Station Wagon	11.10 -	●		730.856	8731W3	550	640	8	18	S5	S5
604 (561A)	08.77 - 07.87	●	630.050		862210	315	520	8	18	O2	O4
605 (6B)	10.89 - 09.99	■	630.652		792505	200	850	8	18	S1	S1
607 (9D)	02.00 -	■	630.302		792516	555	150	8	18	S3	S3
607 (9D)	02.00 -	●	630.303		8731F9	500	350	8	18	S1	S1
806 (221)	06.94 - 11.95	●	630.713		8731A3	627	570	8	18	S1	S1
806 (221)	11.95 - 08.02	●		730.714	8731C1	610	560	8	18	S1	S1
807 (E)	06.02 -	●	630.379	730.379	8731G6	630	510	8	18	S1	S1
1007 (KM)	04.05 -	●		709.434	8731J3	550	305	8	18	S5	S5
2008	03.13 -	●		730.852	9678317180	380	730	8	22	S5	S5
3008	06.09 -	●		730.853	8731T4	450	385	8	18	S1	S1
★ 3008 Suv (M)	05.16 -	●		730.942	9811547680	555	575	8	18	S3	S3
4007	02.07 -	●		730.854	8731Q1	492	420	8	18	S1	S1
5008	06.09 -	●		730.460	8731V2	590	590	8	18	S1	S1
Bipper (AA)	02.08 -	●		713.426	8731V0	600	670	8	18	S5	S5
Partner (5F)	06.96 -	●		709.643	8731E0	698	660	8	18	S1	S1
★ Partner (K9) (Lunotto apribile)	09.18 -	●		709.907	8731S0	627	640	8	28	S3	S3
Ranch (5)	06.96 -	●		709.643	8731E0	698	660	8	18	S1	S1
★ Rifter (Lunotto apribile)	09.18 -	●		709.907	8731S0	627	640	8	28	S3	S3

## PIAGGIO

Porter	1992 -	●	633.699			695	590	8	18	S1	S1
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## RENAULT

Captur	06.13 -	●		733.860	844301324R	475	590	8	22	S5	S5
★ Captur I (J5, H5)	06.13 -	■		733.943	654709991R	375	260	8	18	S3	S3
Clio I (BC/57_)	01.91 - 08.98	●	633.534		7700800311	475	390	8	18	S1	S1
Clio II (B/C/B01/CB0_)	03.98 - 05.05	●		733.653	7700842256B	415	340	8	18	S5	S5
Clio III (BR_/CR_)	06.05 -	●		733.380	8200299546	450	385	8	18	S5	S5
Clio Grandtour (KR0/1)	02.08 -	●		733.461	8200583852	470	580	8	18	S3	S5
Clio IV	11.12 -	●		733.861	844308661R	470	480	8	18	S5	S5
★ Clio IV (BH, KH)	11.12 -	■		733.862	654703934R	423	550	8	18	S3	S3
Clio IV Grandtour	01.13 -	●		733.863	844307620R	435	740	8	22	S5	S5





MODELLO MODEL	ANNO YEAR	APP. APP.	CODICE PART N.	E.C.O. PART N.	RIF ORIGINALE OE NUMBER	LA	F	ØS	ØT	AS	AT
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## RENAULT

Espace II (J63)	01.91 - 10.96	●	633.592		6025106762	537	550	8	18	S1	S1
Espace III (JE)	11.96 - 10.02	●	633.763		6025300735	560	730	8	18	S1	S1
Espace IV (JKO)	09.02 - 12.03	●		733.210	8200021974	730	760	10	22	S5	S5
Fuego	02.80 - 10.85	●	633.654		7701366528	545	400	8	18	S1	S1
Grand Scenic III (JZ0/1)	02.09 -	●		733.858	904510005R	662	535	10	22	S1	S1
★ Grand Scenic III (JZ0/1)	02.09 -	■		733.857	654700008R	264	335	8	18	S1	S5
★ Kadjar (HA, HL)	06.15 -	●		733.944	904514584R	417	565	8	18	S3	S6
Kangoo (FC_/KC_)	04.98 -	●		733.054	7700303186	690	630	10	22	S3	S3
Kangoo (KW0/1)	02.08 -	●		733.462	8200497806	830	610	10	22	S5	S5
Laguna I (B56_) Berlina	12.93 - 03.01	●	633.610		7700842152	596	500	10	22	S1	S3
Laguna I (K56) Grandtour	09.95 - 03.01	●	633.611		7700838005	475	625	8	18	S1	S3
Laguna II (B74) Berlina	03.01 -	●	633.764		8200000902	513	535	8	18	S1	S1
Laguna II (K74) Grandtour	03.01 -	●	633.305		8200025317	538	455	8	18	S5	S5
▲ Laguna III (BT0/1) Berlina	10.07 -	●			844300001R	495	610	8	18	S3	S3
▲ Laguna III (KT0/1) Sportour	10.07 -	●			844300004R	570	620	8	18	S3	S3
★ Laguna Coupè (DT0/1)	09.08 - 12.15	●		733.945	844300006R	505	305	8	18	S3	S3
Megane I (BA) Berlina	09.95 - 12.02	●		733.612	7700828451	445	480	8	18	S1	S1
Megane I (DA) Coach/Coupè	10.96 - 11.02	●	633.031		7700838487	180	480	8	18	S1	P5
Megane I (KA) Grandtour	03.99 - 09.03	●	633.234		7700418621	465	425	8	18	S5	S5
Megane I (LA) Classic	03.99 - 09.03	●	633.306		7700838612	300	410	8	18	S5	S5
Megane II (B/CM) Berlina	09.02 -	●		733.232	8200051750	420	500	8	18	S1	S1
Megane II (LM) 3 Volumi	09.03 -	●	633.307		8200119497	345	350	8	18	S1	S1
Megane II (KM) Grandtour	09.03 -	●		733.476	8200119498	545	500	8	18	S5	S6
Megane III (BZ0/1) Berlina	11.08 -	●		733.864	904510001R	432	570	8	18	S1	S1
Megane III (DZ0/1) Coupè	11.08 -	●		733.859	904510002R	665	270	8	18	S1	S1
Megane III (KZ0/1) Grandtour	11.08 -	●		733.435	844300009R	480	700	8	18	S1	S1
★ Megane III (EZ0/1, BZ0/1, DZ0/1, KZ0/1)	11.08 -	■		733.946	654710003R	662	295	8	18	S3	X
Megane Scenic I (JA)	01.97 - 10.99	●		733.712	7700828454	595	515	8	18	S1	S1
Megane Scenic I (JA) RX4	09.99 - 08.03	●	633.765		7700354323	400	190	10	22	S3	S3
Megane Scenic I (JA) RX4	09.99 - 08.03	●	633.766		7700354322	428	135	8	18	S1	S1
Modus (JP)	12.04 -	●		729.231	8200219322	543	520	8	18	S1	S1
R 5 Supercinque (B/C40)	10.84 - 12.96	●	633.532		7700756056	702	290	8	18	S3	S3
R 11 (B/C37_)	03.83 - 12.88	●	633.539		7700765226	433	740	8	18	S1	S1
R 14 (R121_)	05.76 - 12.83	●	633.541		7701348723	612	225	8	18	S3	S3
R 18 (R135_) Break	05.79 - 07.86	●	633.655		77000366525	610	350	8	18	S1	S1
R 19 (B/C 53) Back Door	04.92 - 12.95	●	633.535		7700818237	500	460	8	18	S1	S1
R 19 (B/C 53) Back Door Sport	11.88 - 12.95	●	633.536		7700799027	500	580	8	18	S1	S1
R 19 (L53) Chamade Sport	04.89 - 04.92	⬢			7700811570	310	480	8	18	S1	S1
R 19 (L53) Chamade	04.92 - 12.95	●	633.656		7700824817	310	710	8	18	S1	S1
R 19 (L53) Chamade	04.92 - 12.95	⬢	633.538			310	650	8	18	S1	S1
R 21 (K48_) Nevada	03.86 - 08.94	●	633.540		7700785587	485	645	8	18	S1	S1
Safrane (B54)	04.92 - 12.00	■	633.609		7700812193	540	253	8	18	S1	S1
Scenic I (JA)	09.99 - 06.03	●		733.712	7700828454	595	515	8	18	S1	S1
Scenic I (JA) - lunotto post.	09.99 - 06.03	●	633.308		7700430022	460	100	8	18	S3	S3
Scenic II (JM) - lunotto fisso	06.03 -	●		733.381	8200377199	518	625	8	18	S1	S1

Attacco speciale  
Special



Occhio  
Eyering



01 Ø 6



02 Ø 8



03 Ø 8



04 Ø 8



05 Ø 8



06 Ø 10



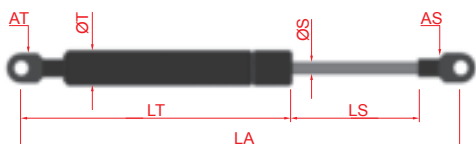
07 Ø 8



08



09 Ø 8



LA: Lunghezza totale - Total length  
 LT: Lunghezza tubo - Tube length  
 LS: Lunghezza stelo - Rod length  
 ØS: Ø stelo (mm) - Ø rod (mm)

ØT: Ø tubo (mm) - Ø tube (mm)  
 AS: Attacco stelo - End fitting rod  
 AT: Attacco tubo - End fitting tube  
 F: Carica in N - Force N

MODELLO MODEL	ANNO YEAR	APP. APP.	CODICE PART N.	E.C.O. PART N.	RIF ORIGINALE OE NUMBER	LA	F	ØS	ØT	AS	AT
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## RENAULT

Scenic II (JM) - Lunotto apribile	06.03 -	●	633.382		8200119500	520	640	8	18	S1	S1
★ Scenic III (JZ0/1)	02.09 -	■		733.857	654700008R	264	355	8	18	S1	S5
Trafic I (P)	09.80 - 02.89	●	633.699		7700691359	695	590	8	18	S1	S1
Trafic II (FL, JL)	09.01 -	●		729.300	8200162697	905	730	10	22	S3	S3
★ Trafic III (JG, FG)	05.14 -	●		729.300	8200162697	905	750	10	22	S1	S1
★ Trafic III (JG, FG)	05.14 -	■		733.947	654702565R	303	465	8	18	S3	S3
Twingo I / II (C06)	03.93 - 05.07	●	633.533		7700815135	453	740	8	18	S1	S1
▲ Twingo III (CN0)	03.07 -	●			8200385560	385	425	8	18	S6	S6

## ROVER

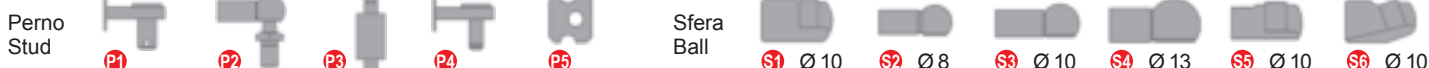
25 (RF)	10.99 -	●	635.235		BHE45001	600	360	8	18	S1	S1
45 (RT)	02.00 -	●	635.671		BHE140010	515	445	8	18	S5	S5
200 (XH, XW) escl. GTi	03.85 - 10.95	●	635.614		GST120, BHE38025	682	380	8	18	S1	S1
200 (XH, XW) incl. GTi spoiler	09.85 - 10.95	●	635.700		BHE38017	687	390	8	18	S3	S3
200 (RF) Berlina	11.95 - 03.00	●	635.701		BHE45001	600	360	8	18	S1	S1
400 (RT)	05.95 - 03.00	●	635.671		BHE140010	515	445	8	18	S5	S5
400 (XW) Tourer	09.93 - 11.98	●	635.613		BHE380260	568	330	8	18	S1	S1
75 (RJ) Tourer	08.01 -	●	635.212		BHE500050	565	560	8	18	S3	S1
800 (XS)	10.92 - 02.99	⬢	635.144		BHE41004	605	520	8	18	S1	S3
MG ZR	06.01 -	●	635.701		BHE45001	600	360	8	18	S1	S1
MG ZS	07.01 -	●	635.671		BHE140010	515	445	8	18	S5	S5
Streetwise	08.03 -	●	635.701		BHE450030	600	360	8	18	S1	S1

## SAAB

99	09.74 - 12.84	●	636.145		9233727	497	600	8	18	O2	O2
900 I Coupè	09.78 - 06.94	●	636.145		9233727	497	600	8	18	O2	O2
900 I Coupè ( Con Spoiler)	09.78 - 09.93	●	636.146		9293580	500	660	8	18	O2	O2
900 II (YS3D)	07.93 - 02.98	●	636.767		4326468	566	480	8	18	S1	S1
900 II (YS3D) Con spoiler	07.93 - 02.98	●	636.768		4324307	566	520	8	18	S1	S1
9000 CD	04.85 - 12.98	⬢			6976369	225	150	8	18	S1	S1
9000 (->ch.H1007931/H8000099)	09.84 - 12.98	●	636.147		9253964	670	400	8	18	O2	O2
9000 (ch.H1007931/H8000099->)	09.84 - 12.98	●			6956270	700	345	8	18	O2	O2

## SEAT

Alhambra (7V)	04.96 - 03.10	■	644.373		7M3823359A	452	350	8	18	S3	S3
Alhambra (7V)	02.95 - 03.10	●	614.659	714.659	7M0827550F/D/G	596	775	10	27	S6	S1
Altea (5P1)	04.04 -	●		737.312	5P0827550A	503	440	8	18	S1	S1
Altea XL (5P5, 5P8)	10.06 -	●		733.232	5P8827550	420	500	8	18	S1	S1
Arosa (6H)	05.97 - 06.04	●	637.149	744.543	6X0827550	500	320	8	18	S1	S6
Cordoba I (6K2, C2)	02.93 - 06.99	⬢	637.616		6K5827550A	285	315	8	18	S1	S1
Cordoba I (6K5) Vario	09.96 - 06.99	●		737.312	6K0827550	503	440	8	18	S1	S1
Cordoba II (6K2)	06.99 - 10.02	⬢	644.383		6K5827550C	285	365	8	18	S1	S1
Cordoba II (6K5) Vario	06.99 - 12.02	●		737.312	6K0827550/A	503	440	8	18	S1	S1
Cordoba III (6L2)	10.02 -	⬢	637.313		6L5827550B	285	600	8	18	S3	S1
Exeo (3R2, 3R5)	12.08 -	■	603.348		8E0823359A	722	325	8	18	S1	S1







MODELLO MODEL	ANNO YEAR	APP. APP.	CODICE PART N.	E.C.O. PART N.	RIF ORIGINALE OE NUMBER	LA	F	ØS	ØT	AS	AT
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## SEAT

▲ Exeo (3R2) Berlina	12.08 -	◆			8E5827552J/K	298	700	8	18	S1	S1
Ibiza I (021A)	06.84 - 12.93	●	637.019		XO39503120	696	220	8	18	O2	O4
Ibiza II (6K1)	12.93 - 08.99	●	637.615		6K6827550	520	320	8	18	S1	S1
Ibiza III (6K1)	08.99 - 02.02	●	637.615		6K6827550A	520	320	8	18	S1	S1
Ibiza IV (6L1)	02.02 - 05.08	●	637.777	737.777	6L6827550B	500	470	8	18	S3	S1
Ibiza V (6J5)	03.08 -	●		737.436	6J4827550B	560	290	8	18	S5	S5
Ibiza V (6J1) Sportcoupè	07.08 -	●		737.865	6J3827550	450	455	8	18	S5	S6
Leon I (1M)	11.99 - 06.06	■	637.706		1M0823359A	575	330	8	18	S1	S1
Leon I (1M)	11.99 - 06.06	●	637.707		1M6827550A	497	450	8	18	S5	S6
Leon II (1P1)	05.05 -	●		737.437	1P0827550	500	340	8	18	S5	S1
Leon III (5F1)	09.12 -	●		737.866	5F4827550A	494	410	8	18	S1	S6
Leon III (5F5) Sportcoupè	01.13 -	●		737.867	5F3827550A	482	440	8	18	S1	S6
Leon III (5F8) Station Wagon	11.13 -	●		737.868	5F9827550B	590	540	8	18	S1	S6
Malaga (023A)	11.84 - 12.93	●			XO39553290	252	340	8	18	O2	O4
Marbella (028)	08.86 - 10.98	●	613.001		XO39661930	547	240	8	18	O2	P1
Panda (141A)	10.80 - 12.86	●	613.001		XO44836580	547	240	8	18	O2	P1
Ronda/Ritmo (022A)	07.78 - 07.83	●	613.003		XO39401990	600	360	8	18	O2	O4
Ronda/Ritmo (022A)	07.83 - 11.88	●	613.004		XO39462450	602	360	8	18	O2	O4
★ Tarraco (KN2)	09.18 -	●		744.958	5NA827550B	626	670	10	22	S1	S1
Toledo I (1L)	01.91 - 03.99	◆	637.625		1L0827550A	513	500	8	18	S1	S1
Toledo II (1M2)	04.99 - 05.06	■	637.706		1M0823359A	575	330	8	18	S1	S1
Toledo II (1M2)	04.99 - 05.06	◆	637.709		1M5827550B	283	530	8	18	S1	S1
Toledo III	10.04 - 05.09	●		737.779	5P5827550	882	240	8	22	S1	S5

## SKODA

Fabia (6Y5) Combi	01.00 - 12.07	●		738.722	6Y0827550A	440	600	8	18	S1	S1
Fabia (6Y3) Tre Volumi	08.99 - 03.08	●	638.314		6Y5827550A	280	490	8	18	S1	S1
Fabia (5J)	01.07 -	●		738.463	5J6827550	492	440	8	18	S1	S1
★ Fabia III (NJ3)	08.14 -	●		738.949	6V6827550A	495	420	8	18	S1	S5
Fabia Combi (5J)	10.07 -	●		738.463	5J6827550	492	440	8	18	S1	S1
Favorit (781)	05.89 - 10.93	●	638.770		441964420386	506	420	8	18	S6	S6
Favorit (781)	10.93 - 09.94	●	638.771		441964420476	527	420	8	18	S6	S6
Favorit (787) Pick-up	12.92 - 06.97	●	638.150		441564420066	516	220	8	18	O2	O2
Felicia (6U1, 6U5)	10.94 - 06.01	●	638.675		6U08227551/A/B	530	450	8	18	S1	S6
Forman (785)	08.91 - 10.93	●	638.770		441964420386	506	420	8	18	S6	S6
Forman (785)	10.93 - 10.94	●	638.771		441964420476	527	420	8	18	S6	S6
★ Karoq (NU7)	07.17 -	●		738.951	57A827550B	620	505	8	22	S1	S6
★ Kodiaq (NS7, NV7)	10.16 -	■		738.950	565823359	393	320	8	18	S1	S5
Octavia (1U2) Berlina	10.96 - 09.00	●		709.442	1U6827550/A/B/C	490	475	8	18	S5	S5
Octavia (1U2) Berlina	09.00 - 09.04	●	638.708		1U6827550F	495	515	8	18	S6	S6
Octavia (1U5) Combi	07.98 - 12.10	●		738.680	1U9827550A	410	550	8	18	S1	S1
Octavia (1Z3) Berlina	02.04 -	●		738.384	1Z5827550/B/C/D/E	585	440	8	18	S1	S1
Octavia (5E) Berlina	11.12 -	●		738.869	5E5827550L	500	575	8	18	S1	S1
Rapid (NH3) Berlina	07.12 -	●		738.870	5JA827550	520	560	8	18	S1	S1
Roomster (5J) incl. Praktik	05.06 -	●		738.464	5J7827550	420	600	8	18	S5	S5

Attacco speciale  
Special



Occhio  
Eyering



01 Ø 6



02 Ø 8



03 Ø 8



04 Ø 8



05 Ø 8



06 Ø 10



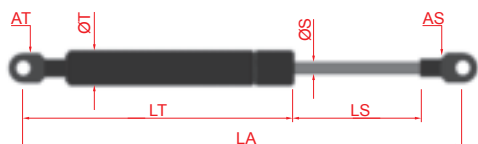
07 Ø 8



08



09 Ø 8



LA: Lunghezza totale - Total length  
 LT: Lunghezza tubo - Tube length  
 LS: Lunghezza stelo - Rod length  
 ØS: Ø stelo (mm) - Ø rod (mm)

ØT: Ø tubo (mm) - Ø tube (mm)  
 AS: Attacco stelo - End fitting rod  
 AT: Attacco tubo - End fitting tube  
 F : Carica in N - Force N

MODELLO MODEL	ANNO YEAR	APP. APP.	CODICE PART N.	E.C.O. PART N.	RIF ORIGINALE OE NUMBER	LA	F	ØS	ØT	AS	AT
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## SKODA

▲ Superb (3T4, 3T5)	03.08 -	■			3T0823359	730	315	8	18	S6	S6
Superb (3T4)	03.08 -	●		738.871	3T5827550	540	650	8	18	S1	S1
★ Superb III (3V3, 3V5)	03.15 -	■		738.952	3V0823359	373	320	8	18	S1	S5
★ Superb III (3V3)	03.15 -	●		738.953	3V5827550	544	680	8	18	S1	S5
Yeti (5L)	05.09 -	●		738.465	5L6827550	525	490	8	18	S5	S5

## SMART

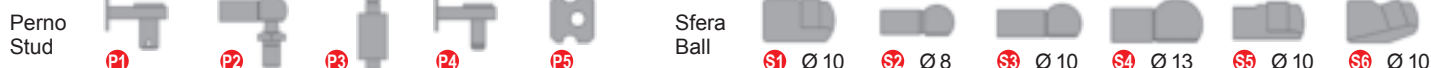
City-Coupè (450)	07.98 - 01.04	●	660.752		113000013	305	130	6	15	S1	S1
Fortwo Coupè (451)	01.07 -	●		760.872	A4519880004	445	90	8	18	S6	S5

## SUBARU

Forester (SF)	08.97 - 09.02	●→	639.315		60315FC201	635	380	10	22	P2	X
Forester (SF)	08.97 - 09.02	←●	639.316		60315FC211	635	380	10	22	P2	X
Legacy II (BD, BG) Sw	09.94 - 11.98	●→	639.151		60330AC001	665	400	10	22	P2	X
Legacy II (BD, BG) Sw	09.94 - 11.98	←●	639.152		60330AC011	665	400	10	22	P2	X
Leone (AN) Sw	11.84 - 02.92	●→	639.153		60107GA460	820	276	8	18	X	X
Leone (AN) Sw	11.84 - 02.92	←●	639.154		60107GA460	820	276	8	18	X	X

## SUZUKI

Alto I (SS80)	06.82 - 12.85	●	640.155		76410 - 78000	462	190	8	18	X	X
Alto I (SS80)	06.82 - 12.85	●	640.156		81860M70F1000	670	380	10	22	P2	P2
Alto II (EC)	01.86 - 11.93	●	640.156		81860M70F1000	670	380	10	22	P2	P2
Alto III (EF)	09.94 - 06.02	●	640.156		81860M70F1000	670	380	10	22	P2	P2
Baleno (EG) Berlina	07.95 - 05.02	●→	640.317		8180061830X10	615	360	8	18	X	P2
Baleno (EG) Berlina	07.95 - 05.02	←●	640.318		8180061840X10	615	360	8	18	X	P2
Baleno (EG) Station Wagon	08.96 - 05.02	●→	640.319		8185063600X10	500	420	10	22	X	X
Baleno (EG) Station Wagon	08.96 - 05.02	←●	640.320		8186063600X10	500	420	10	22	X	X
Ignis I (FH)	10.00 - 09.03	●→	640.385		8185080G00X10	550	290	8	18	X	X
Ignis I (FH)	10.00 - 09.03	←●	640.386		8186080G00X10	550	290	8	18	X	X
Ignis II (MH)	09.03 -	●	640.387		8185086G00	550	280	8	18	S3	S3
Jimny (SJ410, SJ413)	09.81 - 08.90	●		740.051	81860A80100	465	113	8	18	O2	O2
Samurai (SJ)	11.88 -	●		740.051	81860A80100	465	113	8	18	O2	O2
Swift I (AA)	02.85 - 12.89	●		740.051	81860A80100	465	113	8	18	O2	O2
Swift II (EA, MA)	03.89 - 05.01	●→	640.157	740.052	81800 - 62831	610	190	8	18	X	P2
Swift II (EA, MA)	03.89 - 05.01	←●	640.158		81800 - 62841	610	190	8	18	X	P2
Swift III (SG)	02.05 -	●→	640.389		8180063811	440	380	8	18	X	P2
Swift III (SG)	02.05 -	←●	640.390		8180063821	440	380	8	18	X	P2
★ Swift IV (FZ, NZ)	10.10 -	●		740.954	81850/81860-68L00	510	270	8	18	S1	S5
SX4	06.06 -	●		713.427	8186079J01	440	420	8	18	S1	S5
Vitara (ET, TA)	07.88 - 03.98	●		740.052	8185185C00	590	100	8	18	X	X
Wagon R+ (EM)	02.98 - 05.00	●	629.056		8185075F00000	645	475	8	18	S5	S5
Wagon R+ (MM)	05.00 -	●	640.236		8186084E00	645	475	8	18	S5	S5





MODELLO MODEL	ANNO YEAR	APP. APP.	CODICE PART N.	E.C.O. PART N.	RIF ORIGINALE OE NUMBER	LA	F	ØS	ØT	AS	AT
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## TOYOTA

Auris (_E15_) Berlina	03.07 -	●		742.873	6895002091	442	455	8	18	S1	S1
Auris (_E18_) Berlina	10.12 -	●		742.874	6895002130	378	520	8	18	S5	S6
Avensis (_T22_)	09.97 - 04.03	●		703.198	6895005040	502	530	8	18	S1	S1
Avensis (_T22_) Station Wagon	09.97 - 04.03	●	642.725		6895005050	454	600	8	18	S1	S1
▲ Avensis (_T25_)	04.03 - 11.08	●			6895009140	485	565	8	18	S6	S5
▲ Avensis (_T25_) Station Wagon	04.03 - 11.08	●			6895009150	445	550	8	18	S1	S1
Avensis (AC) Verso	08.01 - 11.09	●			6895044080	430	560	8	18	S3	S3
Aygo (B1)	07.05 -	●		709.434	68950-0H020	550	305	8	18	S5	S5
Carina E (_T19_) Berlina	04.92 - 09.97	●→	642.159		6895005020	610	480	10	22	X	X
Carina E (_T19_) Berlina	04.92 - 09.97	←●	642.160		6896005010	610	480	10	22	X	X
Carina E (_T19_) SW	01.93 - 09.97	●→	642.161		6895005030	535	620	10	22	X	X
Carina E (_T19_) SW	01.93 - 09.97	←●	642.162		6896005030	535	620	10	22	X	X
Corolla (E7) SW	12.79 - 08.87	●	642.175		6895019275	616	280	10	22	P2	P2
Corolla (E9)	07.87 - 06.93	●→	642.163		6895012201	658	320	10	22	P2	X
Corolla (E9)	07.87 - 06.93	←●	642.164		6896012021	658	320	10	22	P2	X
Corolla (E9) 3 Porte	07.87 - 04.92	●→	642.165		6895019805	587	255	8	18	X	X
Corolla (E9) 3 Porte	07.87 - 04.92	←●	642.166		6895012241	587	255	8	18	X	X
Corolla (EE10) 3 Porte	07.92 - 04.97	●→	642.167		6895019525	615	410	10	22	X	X
Corolla (EE10) 3 Porte	07.92 - 04.97	←●	642.168		6896019525	615	410	10	22	X	X
Corolla (EE101) 5 Porte	07.92 - 04.97	●→	642.171		6895019616	630	440	10	22	X	X
Corolla (EE101) 5 Porte	07.92 - 04.97	←●	642.172		6896019616	630	440	10	22	X	X
Corolla (E10) Station Wagon	07.92 - 04.97	●→	642.173		6895019795	574	570	10	22	X	X
Corolla (E10) Station Wagon	07.92 - 04.97	←●	642.174		6896019485	574	570	10	22	X	X
Corolla (E11) 3 Porte	04.97 - 01.99	●→	642.169		68950800057	474	400	10	22	X	P2
Corolla (E11) 3 Porte	04.97 - 01.99	←●	642.170		68960800057	474	400	10	22	X	P2
Corolla (E11) 3 Porte	01.99 - 01.02	●→			6895080105	475	430	10	22	P2	X
Corolla (E11) 3 Porte	01.99 - 01.02	←●			6896019805	475	430	10	22	P2	X
Corolla (E11) 5 Porte	04.97 - 01.02	●→			6895080055	495	570	10	22	X	S3
Corolla (E11) 5 Porte	04.97 - 01.02	←●			6896019685	495	570	10	22	X	S3
Corolla (E11) SW	04.97 - 01.02	●→	642.322		6895080043	720	310	8	18	X	X
Corolla (E11) SW	04.97 - 01.02	←●	642.323		6896019595	720	310	8	18	X	X
Corolla (E12)	01.02 - 02.07	●	642.321		6895002040	470	440	8	18	S5	S5
Corolla (E12) SW	01.02 - 02.07	●	642.324		6895002080	433	585	8	18	S5	S5
Corolla (ZER, ZZE) Verso	03.04 - 03.09	●	642.325		689600F011	530	545	8	18	S1	S1
Hi-Ace I (H) Van	02.77 - 03.83	●	642.176		6897095A03	730	750	10	27	O8	O8
Hi-Ace II (H5) Van	03.83 - 11.89	●	642.177		6890795J03	700	800	10	27	O8	O8
Hi-Ace III (H10) Van	08.89 - 08.95	●	642.178		6890762510	742	795	10	27	O8	O8
Lite-Ace (M2) Van	10.79 - 10.86	●	642.179		6895029105	685	520	10	22	P2	X
Lite-Ace (CM3, KM3) Van	10.85 - 03.92	●	642.180		6895029795	825	640	10	22	P2	X
Lite-Ace (R2) Van	01.92 - 01.95	●	642.181		6895029755	690	640	10	22	P2	X
Pic-Nic (XM10)	05.96 - 12.01	●→	642.182		6895044010	576	675	10	22	X	X
Pic-Nic (XM10)	05.96 - 12.01	←●	642.183		6895044010	576	675	10	22	X	X
Previa (ACR3)	08.00 -	●→	642.326		6895028220	635	530	8	18	X	X
Previa (ACR3)	08.00 -	←●	642.327		6896028220	635	530	8	18	X	X
Starlet (EP7)	10.84 - 12.89	●→			6895019526	604	250	8	18	P2	X

Attacco speciale  
Special



Occhio  
Eyering



01 Ø 6



02 Ø 8



03 Ø 8



04 Ø 8



05 Ø 8



06 Ø 10



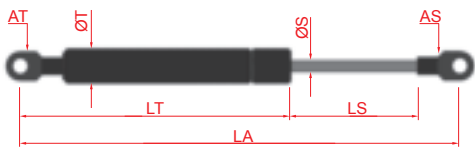
07 Ø 8



08



09 Ø 8



LA: Lunghezza totale - Total length  
 LT: Lunghezza tubo - Tube length  
 LS: Lunghezza stelo - Rod length  
 ØS: Ø stelo (mm) - Ø rod (mm)

ØT: Ø tubo (mm) - Ø tube (mm)  
 AS: Attacco stelo - End fitting rod  
 AT: Attacco tubo - End fitting tube  
 F : Carica in N - Force N

MODELLO MODEL	ANNO YEAR	APP. APP.	CODICE PART N.	E.C.O. PART N.	RIF ORIGINALE OE NUMBER	LA	F	ØS	ØT	AS	AT
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## TOYOTA

Starlet (EP7)	10.84 - 12.89	← ●			6895019526	604	250	8	18	P2	X
Starlet (EP8)	01.90 - 03.96	●	642.186		6895010130	633	230	8	18	P2	X
Starlet (EP91)	04.96 - 10.99	● →	642.187		6895080050	591	300	8	18	P2	X
Starlet (EP91)	04.96 - 10.99	← ●	642.188		6896080050	591	300	8	18	P2	X
Verso	04.09 -	●		742.875	689500F030	472	535	8	18	S5	S5
Yaris I (CP10)	04.99 - 09.05	● →		742.189	6895059025	504	265	8	18	X	X
Yaris I (CP10)	04.99 - 09.05	← ●		742.190	6896059025	504	265	8	18	X	X
Yaris II (_P9_)	01.06 -	●		742.400	689500D021	430	370	8	18	S5	S5
Yaris III (_P13_)	09.11 -	●		742.876	689500W641	416	405	8	18	S5	S6

## VOLKSWAGEN

Bora (1J2, 1J6)	10.98 - 05.05	■		744.544	1J0823359C	500	350	8	18	S1	S6
Bora (1J2)	10.98 - 05.05	⬢	637.709		3B5827550A	280	520	8	18	S1	S1
Bora (1J6) Variant	05.99 - 05.05	●		744.702	1J6827550/C	500	500	8	18	S5	S6
Caddy I (14)	01.82 - 01.95	●	644.037		147827550	500	230	8	18	O2	S1
Caddy III (2K, 2C)	03.04 -	■	644.417	744.417	1T0823359A	405	460	8	18	S5	S5
Caddy III (2K, 2C)	03.04 -	●		744.401	2K0827550	720	870	10	22	S1	S1
Caddy III (2K, 2C)	08.10 -	●		744.886	1T0823359D	360	450	8	18	S5	S1
Eos (1F7)	03.06 -	■	644.402		1Q0823359	735	300	8	18	S6	S1
Eos (1F7)	03.06 -	⬢	644.403		1Q0827550B	500	375	8	18	S1	S1
Fox (5Z)	04.05 -	●	613.582		5Z6827550B	470	360	8	18	S1	S1
★ Eos (1F7, 1F8)	03.06 - 08.15	●		728.899	1Q0827550A/B	500	380	8	18	S1	S5
Golf I (17)	04.74 - 07.83	●	644.542		171827550A	497	470	8	18	O2	O2
Golf II (19E)	06.84 - 10.91	●		744.543	191827550B	497	320	8	18	S1	S1
Golf III (1HX)	10.91 - 08.97	●		744.544	1H6827550A	500	350	8	18	S1	S6
Golf III (1HX0) Variant	07.93 - 04.99	●	644.331		1H9827550A	585	360	8	18	S1	S6
Golf IV (1J1, 1J5, 1E7)	10.98 - 06.06	■		744.544	8L0/1J0823359	502	350	8	18	S5	S6
Golf IV (1J1, 1J5)	08.97 - 06.06	●		744.702	1J6827550/C	500	500	8	18	S5	S6
▲ Golf V (1K1, 1K5)	10.03 - 11.08	■			1K0823359A	730	250	8	18	S5	S6
Golf V (1K1)	10.03 - 11.08	●		744.404	1K6827550	450	535	8	18	S5	S1
★ Golf V (1K1)	10.03 - 10.10	■		744.898	1K0823359A	730	250	8	18	S6	S5
★ Golf V (1K5) Variant	06.07 - 07.09	●		744.955	1K98275550A	529	420	8	18	S1	S3
▲ Golf V (5M1) Plus	01.05 - 12.13	●			5M0827550	480	550	8	18	S5	S5
★ Golf VI (AJ5, 517, 5K1)	10.08 - 05.16	■		744.887	5K0823359B/C/D	727	265	8	18	S6	S5
★ Golf VI (AJ5) Variant	07.09 - 07.13	●		744.955	1K98275550A	529	420	8	18	S1	S3
▲ Golf VI (5K1, AJ5)	10.08 - 07.13	■			5K0823359B/C/D	730	265	8	18	S6	S6
Golf VI (5K1)	10.08 - 11.12	●		744.466	5K6827550B/D	440	550	8	18	S5	S1
★ Golf VII (BA5, BE1, BE2, BQ1, BV5, 5G1)	08.12 -	■		744.889	5G0823359	779	285	8	18	S6	S5
Golf VII (5G1, BE1)	08.12 -	●		744.890	5G6827550C	530	520	8	22	S6	S6
▲ Jetta III (1K2)	09.05 - 10.10	■			1K0823359A	730	250	8	18	S5	S6
Jetta III (1K2)	09.05 - 10.10	●	644.418		1K5827550C	300	710	10	22	S3	S3
Lupo (6X, 6E)	04.98 - 11.00	■	644.405		6X0823359A	500	280	8	18	S1	S6
Lupo (6X, 6E)	11.00 - 07.05	■	644.406		6E0823359C	480	300	8	18	S1	S6
Lupo (6X, 6E)	04.98 - 11.00	●	644.136	744.544	6X0827550	500	350	8	18	S1	S6





MODELLO MODEL	ANNO YEAR	APP. APP.	CODICE PART N.	E.C.O. PART N.	RIF ORIGINALE OE NUMBER	LA	F	ØS	ØT	AS	AT
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## VOLKSWAGEN

Lupo (6X, 6E)	11.00 - 07.05	●	644.407	744.544	6E0827550B	500	365	8	18	S1	S6
New Beetle (C1, 1Y7)	01.98 -	■	644.191		1C0823359B/C/D	680	270	8	18	S5	S6
New Beetle (C1) excl. Cabrio	01.98 -	●		744.192	1C0827550A/B/C/D/E	600	330	8	18	S5	S6
New Beetle (1Y7) Cabriolet	09.02 -	●	644.408		1Y0827550B/D	200	250	8	18	S5	S1
Passat I (32)	05.73 - 07.80	⦿	644.021		321827550B	547	350	8	18	O2	O2
Passat II (32B)	08.80 - 03.88	⦿	644.631		321827550F	536	480	8	18	O2	O2
Passat II (32B) Variant	08.80 - 03.88	●	644.038		331827550B/C	570	380	8	18	X	S3
★ Passat (362, 365)	08.10 - 12.14	■		744.891	3AA823359A	734	320	8	18	S6	S5
Passat Berlina	1987 - 1996	■	644.567			697	280	8	18	S3	O2
Passat III (3A5, 35I) Variant	04.88 - 05.97	●	644.565		333827550B/C	518	460	8	18	S1	S3
Passat IV (3B2, 3B5)	08.96 - 11.00	■		744.634	3B0823359A	725	280	8	18	S6	S6
Passat IV (3B2)	08.96 - 11.00	⦿	644.703		3B5827550	278	460	8	18	S1	S1
Passat IV (3B5) Variant	06.97 - 11.00	●		744.702	3B9827550	500	500	8	18	S5	S6
Passat IV (3B3, 3B6)	09.00 - 05.05	■		744.634	3B0823359C/D	725	280	8	18	S6	S6
Passat IV (3B3)	09.00 - 05.05	⦿	644.409	744.409	3B5827550E/F	280	520	8	18	S1	S1
Passat IV (3B6) Variant	09.00 - 05.05	●		744.702	1J6827550C	500	500	8	18	S5	S6
▲ Passat V (3C2, 3C5)	03.05 - 10.11	■			3C0823359	730	350	8	18	S1	S1
▲ Passat V (3C2) Berlina	03.05 - 07.10	●			3C5827550A	375	390	8	18	S1	S6
▲ Passat V (3C5) Variant	08.05 - 10.11	●			3C9827550A	450	550	8	18	S1	S3
Passat VI (365) Variant, All Track	08.10 - 12.14	●		744.892	3AF827550B	453	580	8	18	S6	S1
★ Polo (AW1, BZ1)	06.17 -	●		744.956	2G6827550	536	355	8	18	S6	S1
Polo II (86, 86C)	10.81 - 04.86	●	644.545		867827550/A	498	550	8	18	S3	O2
Polo II (86, 86C)	05.86 - 07.90	●	644.579		867827550C	498	550	8	18	S1	S1
Polo II (86C)	07.90 - 09.94	●	644.546		867827550D	513	550	8	18	S3	S3
Polo III (6N1)	10.94 - 10.99	●		744.633	6N0827550A	430	330	8	18	S1	S1
Polo III (6N2)	10.99 - 09.01	■	644.410		6N0823359	585	250	8	18	S6	S6
Polo III (6N2)	10.99 - 09.01	●		744.633	6N0827550A	430	330	8	18	S1	S1
Polo III (6K2) Classic	11.95 - 12.99	●	637.616		6K5827550A	285	315	8	18	S1	S1
Polo III (6K2) Classic	12.99 - 09.01	●	644.383		6K5827550C	285	365	8	18	S1	S1
Polo III (6K5) Variant	05.97 - 09.01	●		737.312	6K0827550/A	503	440	8	18	S1	S1
Polo IV (9N)	10.01 - 05.08	■		744.543	6Q0823359A/C	500	310	8	18	S1	S6
Polo IV (9N)	10.01 - 05.08	●		744.237	6Q6827550C	500	380	8	18	S1	S6
Polo IV (9N) con spoiler	10.01 - 05.08	●		744.414	6Q6827550/A	500	400	8	18	S1	S6
Polo V (6R)	06.09 -	●		744.467	6R6827550A	525	325	8	18	S1	S1
Sharan (7M)	09.95 -	■	644.373		7M3823359A	452	350	8	18	S3	S3
Sharan (7M)	09.95 - 03.10	●	614.659	714.659	7M0827550D/F/G	596	775	10	27	S6	S1
Tiguan (5N)	09.07 -	●		744.468	5N0827550D	515	475	8	18	S5	S5
★ Tiguan (AD1, BW2)	01.16 -	■		744.957	5NA823359	688	300	8	18	S6	S5
★ Tiguan (AD1, BW2)	01.16 -	●		744.958	5NA827550B	626	670	10	22	S1	S1
Touareg (7L)	10.02 - 05.10	■	644.415	744.893	7L6823359B	538	125	8	18	S1	S1
Touareg (7L) Lunotto	10.02 - 05.10	●	644.416		7L6845587A	317	550	8	18	S5	S5
Touareg (7P5)	04.10 -	●		744.894	7P6827550	592	605	8	22	S1	S1
Touran (1T)	02.03 - 05.10	■	644.417	744.417	1T0823359A	405	460	8	18	S5	S5
Touran (1T)	02.03 -	●	<del>644.238</del>	744.238	1T0827550C	505	770	10	22	S5	S5
Transporter	-	●	644.547			515	570	8	18	S1	S1

Attacco speciale  
Special



Occhio  
Eyering



01 Ø 6



02 Ø 8



03 Ø 8



04 Ø 8



05 Ø 8



06 Ø 10



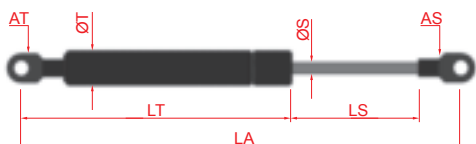
07 Ø 8



08



09 Ø 8



LA: Lunghezza totale - Total length  
 LT: Lunghezza tubo - Tube length  
 LS: Lunghezza stelo - Rod length  
 ØS: Ø stelo (mm) - Ø rod (mm)

ØT: Ø tubo (mm) - Ø tube (mm)  
 AS: Attacco stelo - End fitting rod  
 AT: Attacco tubo - End fitting tube  
 F : Carica in N - Force N

MODELLO MODEL	ANNO YEAR	APP. APP.	CODICE PART N.	E.C.O. PART N.	RIF ORIGINALE OE NUMBER	LA	F	ØS	ØT	AS	AT
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## VOLKSWAGEN

Transporter / Bus T3	05.79 - 07.92	●	644.635		251829331A	510	610	8	18	S1	O2
Transporter / BusT4 (70XB / XC)	01.90 - 07.92	●	644.194		701829331H	570	910	10	22	S1	S1
Transporter T5 (7H_)	04.03 -	●	644.339	744.339	7H0827550	755	970	10	28	S1	S1
Vento Hatchback (1H2)	11.91 - 09.98	●	644.630		1H5827550A	500	300	8	18	S3	S3
Vento (1H2)	11.91 - 09.98	◐	644.632		1H5827550B	258	690	8	18	S5	S5

## VOLVO

140 (145) Station Wagon	08.66 - 02.75	●	645.042		683627	470	700	8	18	X	O2
145 Variant De Luxe	1977 - 1994	●	645.043		1254916	465	410	10	22	X	O2
240 (P242, P244)	08.74 - 12.93	●	645.042		683627	470	700	8	18	X	O2
240 (P245) Kombi	08.79 - 08.93	●	645.043		1254916	465	410	10	22	X	O2
260 (P242, P244)	08.74 - 07.92	●	645.042		683627	470	700	8	18	X	O2
260 (P245) Station Wagon	07.75 - 07.92	●	645.043		1254916	465	410	10	22	X	O2
340 - 360 (343, 345)	08.75 - 07.91	●	645.666		3342881	542	360	8	18	S1	S1
440 - 460 (445)	09.88 - 12.96	●	614.739		3470348	550	420	8	18	S3	S3
440 - 460	1996 - 1997	■	645.032		3463468	780	420	8	18	O2	P3
480 E	04.86 - 07.96	●	645.619		3458557	534	200	8	18	S3	S3
740 (744) - 760 (704, 764)	08.81 - 07.92	●	645.044		1334648	368	290	6	15	X	O2
740 (745) Kombi	08.85 - 08.92	●	645.664		6846014	545	320	8	18	S3	S3
760 (704, 765) Kombi	01.82 - 08.92	●	645.664		6846014	545	320	8	18	S3	S3
850 (LS) Berlina	06.91 - 12.96	◐	645.033		3509350	463	300	6	15	X	O2
850 (LW) Station Wagon	08.92 - 12.96	●	645.617		3509482	272	1500	14	28	S4	S4
940 (944, 945)	08.90 - 10.98	■			3526163	610	160	8	18	O2	O2
940 (944)	08.90 - 10.98	◐	645.668		3526575	524	310	8	18	S1	S1
940 (945) Kombi	08.90 - 10.98	●	645.664		6846014	545	320	8	18	S3	S3
960 (964, 965)	08.90 - 12.96	■			3526163	610	160	8	18	O2	O2
960 (964)	08.90 - 12.96	◐	645.668		3526575	524	310	8	18	S1	S1
960 (965) Kombi	08.90 - 12.96	●	645.664		6846014	545	320	8	18	S3	S3
C30	10.06 -	■	645.421		9483570	730	140	8	18	S5	S5
C30	10.06 -	●		745.477	31278323	485	360	8	18	S5	S5
C70 I Cabrio	03.97 - 10.05	◐	645.419		9485706	298	600	8	18	S5	S5
C70 I Cabrio	03.98 - 10.05	◐	645.420		8618640	285	740	8	18	S5	S5
C70 I Coupè	03.97 - 09.02	◐	645.419		9485706	298	600	8	18	S5	S5
C70 II Cabrio	03.06 -	◐	645.419		9485706	298	600	8	18	S5	S5
S40 I (VS)	07.95 - 01.04	■	645.704		30819865	751	300	8	18	S5	S5
S40 I (VS)	07.95 - 01.04	◐	645.663		30852059	298	490	8	18	S5	S5
S40 II (MS)	01.04 -	■	645.421		9483570	730	140	8	18	S5	S5
S40 II (MS)	01.04 -	◐	645.239		30674971/30799158	325	360	8	18	S5	S5
S60	11.00 - 04.10	■	645.710		9154605	247	400	6	15	S3	S3
S60	11.00 - 04.10	◐	645.422		8650233	270	420	8	18	S5	S5
★ S60 II (134)	04.10 -	■		745.877	31278769	295	380	8	18	S1	S5
S70 (P80)	01.97 - 11.00	◐	645.423		9485546	495	320	8	18	X	S5
S80 (TS, XY)	05.98 - 07.06	■	645.710		9154605	247	400	6	15	S3	S3
S80 (TS, XY)	05.98 - 07.06	◐	645.711		9483297	358	310	8	18	S5	S5
▲ S80 II (AS)	03.06 -	■			30649516	285	450	8	18	S1	S1

Perno  
Stud



Sfera  
Ball





MODELLO MODEL	ANNO YEAR	APP. APP.	CODICE PART N.	E.C.O. PART N.	RIF ORIGINALE OE NUMBER	LA	F	ØS	ØT	AS	AT
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<b>VOLVO</b>											
S80 II (AS)	03.06 -	⬢		745.878	30779837	292	600	8	18	S1	S1
★ S80 II (124)	01.08 -	■		745.883	30649516	285	450	8	18	S1	S5
S90	01.97 - 05.98	■	645.424		3526163	610	160	8	18	O2	O2
S90	01.97 - 05.98	⬢	645.668		3526575	524	310	8	18	S1	S1
★ V40 (525, 526)	03.12 -	■		745.880	31298282	730	210	8	18	S6	S5
V40 (VW) Station Wagon	07.95 - 06.04	■	645.704		30819865	751	300	8	18	S5	S5
V40 (VW) Station Wagon	07.95 - 06.04	●		745.662	30803472	603	320	8	18	S5	S6
V40	03.12 -	●		745.879	31395607	573	350	8	18	S1	S6
V50 (MW)	02.04 -	■	645.421		9483570	730	140	8	18	S5	S5
V50 (MW)	03.04 -	●	645.240		30799159	430	470	8	18	S5	S5
★ V60	09.10 -	■		745.881		295	380	8	18	S1	S5
V60	09.10 -	●		745.882	31217910	562	445	8	18	S1	S1
★ V60 I (155, 157)	07.10 -	■		745.877	31278769	295	380	8	18	S1	S5
V70 I (P80) Station Wagon	01.97 - 03.00	■	645.710		9154605	247	400	6	15	S3	S3
V70 I (P80) Station Wagon	11.96 - 05.05	●	645.617		3509482 / 9485548	272	1500	14	28	S4	S4
V70 II (P80) Station Wagon	03.00 - 08.07	■	645.710		9154605	247	400	6	15	S3	S3
V70 II (P80) Station Wagon	03.00 - 08.07	●	645.340		30799161	320	1160	10	28	S3	S3
★ V70 III (135)	04.07 -	■		745.883	30649516	285	450	8	18	S1	S5
V90 Station Wagon	11.96 - 12.98	■	645.424		3526163	610	160	8	18	O2	O2
V90 Station Wagon	11.96 - 12.98	●	645.664		6846014	545	320	8	18	S3	S3
XC60	05.08 -	●		745.885	31297524	556	620	8	18	S4	S4
XC60	05.08 -	■		745.884	30784935	286	400	8	18	S5	S5
XC70 Cross Country	03.00 - 08.07	■	645.710		9154605	247	400	6	15	S3	S3
XC70 Cross Country	03.00 - 08.07	●	645.340		30799161	320	1160	10	28	S3	S3
★ XC70 II (136)	08.07 -	■		745.883	30649516	285	450	8	18	S1	S5

Attacco speciale  
Special



Occhio  
Eyering



01 Ø 6



02 Ø 8



03 Ø 8



04 Ø 8



05 Ø 8



06 Ø 10



07 Ø 8



08



09 Ø 8



# CONDIZIONI GENERALI DI VENDITA E GARANZIA

## CONDIZIONI GENERALI DI VENDITA

**ORDINI:** Gli ordini devono pervenire presso la nostra sede a mezzo fax o posta elettronica.

Solo in via del tutto eccezionale possono essere accettati ordini verbali, in tal caso si declina ogni responsabilità per inesattezze, incomprensioni o interpretazioni errate.

Tutti gli ordini sono subordinati all'approvazione da parte dell'azienda che si riserva la facoltà di accettarli.

**PREZZI:** Per tutte le molle a gas a catalogo fanno fede i prezzi indicati a listino.

Per applicazioni non a catalogo il prezzo deve essere concordato preventivamente con l'ufficio commerciale.

Tutti i prezzi si intendono IVA esclusa e franco nostro stabilimento.

L'azienda si riserva la facoltà di modificare i prezzi convenuti senza obbligo di preavviso.

Invitiamo la gentile clientela a verificare tutte le condizioni indicate nella conferma d'ordine.

**CONSEGNE:** Tutti i termini di consegna del materiale ordinato, anche se indicati nella conferma d'ordine, sono da considerarsi indicativi e non impegnativi per l'azienda.

I ritardi o le mancate consegne del materiale eventualmente non disponibile presso il nostro magazzino non potranno dare consenso all'annullamento dell'ordine in corso, né potranno costituire pretesto per risarcimento di danni.

Eventuali deroghe alle presenti condizioni di consegna devono essere concordate ed accettate per iscritto da entrambe le parti.

**CONFEZIONAMENTO:** Tutto il materiale verrà consegnato adeguatamente confezionato, secondo gli standard previsti per l'azienda.

Ogni confezione contiene una coppia di molle a gas previste per l'applicazione sul veicolo.

Eventuali variazioni in questo senso devono essere concordate con l'ufficio commerciale e regolamentate per iscritto.

Le spese di confezionamento si intendono addebitate al costo delle molle a gas medesime.

**IMBALLO:** L'imballo verrà effettuato secondo gli standard in uso e fatturato al costo.

Eventuali variazioni in tal senso devono essere preventivamente concordate per iscritto da entrambe le parti.

**SPEDIZIONE:** La merce viaggia sempre a rischio e pericolo del committente, anche se spedita in porto franco.

In mancanza di precise indicazioni del committente tutto il materiale verrà spedito con il mezzo ritenuto più opportuno.

La nostra responsabilità, per tutto il materiale spedito, si conclude alla consegna del medesimo al vettore.

Eventuali danni, furti, manomissioni o quant'altro possa arrecare inconvenienti al committente vanno gestiti direttamente dallo stesso con il trasportatore.

Il destinatario rimane comunque vincolato al pagamento totale della merce spedita.

L'azienda non risponde per eventuali ritardi nelle consegne derivanti da cause di forza maggiore o da circostanze dipendenti dal vettore.

**RECLAMI:** Eventuali reclami, dovuti a discordanze riscontrate nella documentazione, o di qualsiasi altra natura, devono essere notificati entro e non oltre 8 giorni dalla data di ricevimento del materiale a mezzo lettera raccomandata.

Fanno eccezione tutti i reclami considerati motivo di garanzia per i quali rimandiamo alla sezione "garanzia del prodotto".

**PAGAMENTI:** Il pagamento delle fatture deve essere fatto entro il termine prescritto ed indicato in fattura.

Il mancato rispetto dei termini di pagamento comporterà l'addebito delle spese di insoluto e degli interessi di mora, calcolati in base al tasso EURIBOR maggiorato di 6 punti; renderà inoltre le altre fatture in corso, ancorché non scadute, immediatamente esigibili. Il mancato pagamento autorizza pure l'azienda a sospendere tutte le forniture con effetto immediato.

I pagamenti sono validi solo se effettuati, direttamente all'azienda o a persona da noi espressamente autorizzata, secondo le disposizioni concordate con il nostro ufficio amministrativo.

**CONTROVERSIE:** Per qualsiasi controversia, nessuna esclusa, sarà competente il Foro di Treviso.

**TUTELA DELLA PRIVACY:** Tutti i dati relativi al committente, ivi compresi quelli inerenti gli ordinativi e le condizioni in uso, saranno custoditi ed elaborati, anche elettronicamente, per i soli scopi di statistica, degli adempimenti di legge e per l'invio di materiale informativo o promozionale; secondo quanto stabilito dalla legge 675/95 in materia.

**Tutte le condizioni riportate, ivi incluse quelle seguenti, relative alla garanzia del prodotto, si ritengono accettate integralmente al momento del ricevimento dell'ordine, sia esso scritto o verbale.**

## GARANZIA DEL PRODOTTO

L'intera gamma **MOLLE A GAS** è offerta con una garanzia di due anni.

Tale garanzia si ritiene subordinata alle condizioni, elencate di seguito, che l'acquirente è tenuto a verificare e rispettare durante l'intero periodo garantito.

**CONDIZIONI DI GARANZIA:** La garanzia di due anni applicata a tutte le molle a gas copre esclusivamente le non conformità, verificate sulle stesse, relativamente a vizi di fabbricazione e di funzionamento.

La garanzia del prodotto, in quanto tale, vale esclusivamente nei termini di sostituzione gratuita del materiale riconosciuto difettoso.

Tale garanzia inoltre si ritiene valida per il solo prodotto riconosciuto non conforme, pertanto non prevede estensioni a coppie o insiemi di molle a gas, anche se installati sul medesimo veicolo.

Non sussistono risarcimenti, o pretese di qualsiasi natura, ulteriori a quelle precedentemente esposte; anche qualora direttamente o indirettamente collegate alla non conformità del prodotto.

La garanzia non comprende :

- La normale usura della molla a gas.
- Le non conformità derivanti da incidenti, di qualsivoglia natura, subiti dal veicolo.
- I danni provocati alle molle a gas da un montaggio scorretto o dall'impiego di attrezzature non idonee.
- I danni provocati dall'utilizzo delle molle a gas su veicoli diversi da quelli per i quali è stato realizzato, in conformità a quanto riportato sullo stesso catalogo corrente.
- I danni causati da manomissioni di qualsiasi natura apportate alla molla a gas.
- Le non conformità dovute all'impiego su pannelli apribili con equipaggiamenti non di serie quali ad esempio spoiler, casse stereo, ruote di scorta, ecc.
- I danni arrecati da manutenzione scorretta o insufficiente.

**RICHIESTA DI GARANZIA:** La richiesta di garanzia del prodotto deve essere presentata al concessionario presso il quale è stato acquistato.

Il concessionario stesso provvederà direttamente, dopo l'accertamento della non conformità, alla sostituzione del materiale difettoso.

Al concessionario dovranno essere consegnati tutti i dati indispensabili alla verifica della garanzia, e più precisamente :

- Estremi dell'acquirente o dell'officina di montaggio.
- Articolo non conforme.
- Quantità non conforme.
- Data di acquisto e di montaggio.
- Dati di riconoscimento del veicolo.
- Descrizione dettagliata della non conformità.

Il concessionario successivamente avrà cura di trasmettere i suddetti dati all'ufficio di Controllo Qualità del produttore il quale avvierà il processo di verifica.

Dopo l'acquisizione dei dati forniti dal cliente verrà data l'autorizzazione alla sostituzione in garanzia o al reso del materiale difettoso per verifica della non conformità.

In caso di reso del materiale il prodotto ritenuto non conforme dovrà quindi pervenire presso di noi, in porto franco, corredato di bolla in conto garanzia (qualora il materiale non fosse spedito dal distributore la bolla dovrà recare come intestatario il distributore stesso).

Sarà respinto tutto il materiale spedito senza il benestare a procedere da parte dell'azienda.

Il ripristino, la sostituzione o l'accredito del prodotto in garanzia sarà fatto solo dopo l'accertamento della non conformità da parte del personale tecnico addetto al controllo qualità, nel rispetto delle condizioni sopra elencate. Lo stesso personale sarà a disposizione del cliente per ogni chiarimento in merito.

La possibilità di sostituzione immediata del materiale ritenuto non conforme è prerogativa esclusiva del distributore, il quale può eventualmente adottarla a sua discrezione, rimanendo tuttavia non vincolata alle condizioni generali di garanzia del prodotto.

Per conoscenza segnaliamo che tutti i reclami ed i certificati di garanzia verranno archiviati, unitamente ai dati a nostra disposizione (cliente, non conformità, riferimenti produttivi, ecc.), per disporne in qualunque momento e per verificare l'utilità di azioni correttive eventualmente necessarie su alcuni prodotti.

Tutti i dati dei clienti verranno comunque custoditi ed elaborati esclusivamente per attività informatiche e di ricerca interne all'azienda, adempimenti di legge ed eventuale invio di materiale informativo-promozionale; in conformità a quanto richiesto dalla legge 675/95 sulla tutela della privacy.





# GENERAL TERMS & CONDITIONS & PRODUCT WARRANTY

## GENERAL SALES TERMS AND CONDITIONS

**PURCHASE ORDERS:** Orders must be forwarded to our offices by fax or e-mail. Verbal orders will be accepted only in very special conditions, in which case we shall not be held responsible for inexactness, misunderstandings or erroneous interpretation.

Orders are subject to approval by the company who reserves the right to accept them.

**PRICES:** For all gas springs in our catalogue the prices applied are those contained in the relevant price-lists.

For any special applications price must be agreed with our sales department before placing any orders.

All prices do not include VAT and are for goods available ex-works.

We reserve the right to make changes to the prices agreed without notice. We therefore invite customers always to check all conditions indicated in our order confirmation.

**LEAD TIME:** All lead times provided for the goods that have been ordered, even when stated in our order confirmation, should be considered approximate and are not binding on the supplier.

Any delays or failure to deliver any goods not available in our warehouses shall not entitle to cancel the order in progress nor to claim indemnification for damage.

Any derogation to these delivery terms shall be agreed and accepted in writing by both parties.

**PACKAGING:** All the goods are delivered suitably packed, according to our company's standards.

Each packing contains a couple of gas springs suitable for the application on the required vehicle.

Any variations shall be agreed with our sales department and made in writing.

The cost of packaging is included in the cost of the gas springs.

**PACKING:** Goods are packed according to our standards and invoiced according to cost. Any variations shall be agreed in writing by both parties in advance.

**DELIVERY:** Goods are carried always at the customer's own risk and danger, even when delivered free destination.

Unless specifically stated by the customer, goods will be delivered with the means of transport we consider most appropriate.

Our liability regarding all the goods dispatched ends upon their delivery to the forwarding agent.

Any damage, theft, tampering with or any other inconveniences caused to the customer shall be handled by the latter with the forwarding agent.

The consignee shall always pay the total amount of the goods delivered.

We shall not be held responsible for any delays due to acts of God or other circumstances depending on the forwarding agent.

**COMPLAINTS:** Any complaints due to discrepancies in the documents or of any other kind, shall be notified within no later than 8 days after receipt of the goods by registered letter.

This clause does not apply in case of complaints considered warranty condition regarding which please see "Product warranty" section.

**PAYMENTS:** Invoices shall be paid within the prescribed term stated in the invoice itself.

Non-compliance with payment terms shall cause unsettled payment expenses to be charged together with interest for delayed payment calculated according to the EURIBOR rate plus 6% and will also make any invoices in progress immediately due even if not overdue.

Any failure to settle payments authorises us to suspend all deliveries immediately.

Payments are valid only if made directly to our company or to any person we have clearly authorised and as agreed with our administration.

**DISPUTES:** Disputes of any kind shall be submitted to the jurisdiction of the Court of Treviso.

**PRIVACY:** All data concerning customers, including any information concerning orders and terms applied, shall be stored and processed, even electronically, only for statistical purposes, for law prescriptions and for dispatching informative or promotional material as prescribed by relevant Privacy Italian Law 675/95.

**All the conditions, including the following ones, concerning product warranty are considered accepted in full upon receipt of a written or verbal order.**

## PRODUCT WARRANTY

Our whole range of **GAS SPRINGS** is offered with a two-year warranty.

The warranty above is subject to the conditions stated below that the purchaser shall check and respect for the entire warranty period.

**WARRANTY CONDITIONS:** The two-year warranty applied to all gas springs covers exclusively non-compliance assessed on the gas spring due to manufacturing or working defects.

Our product warranty as such is applied exclusively in terms of replacement free of charge of the goods acknowledged as being faulty.

In addition, the warranty applies in case of the sole product acknowledged as non-conforming and therefore cannot be extended to pairs or gas spring groups, although they may be installed on the same vehicle.

No compensation or claims of any kind besides those mentioned above are acceptable even if directly or indirectly related to the non-conforming product.

The warranty does not include:

- Normal wear of the gas springs.
- Non-compliance due to accidents of any kind involving the vehicle.
- Damage caused to the gas springs by improper installation or by the use of unsuitable equipment.
- Damage caused by using the gas spring on a vehicle other than the model the gas spring has been made for, as mentioned in our current catalogue.
- Damage caused by any kind of tampering with the gas spring.
- Non-compliance due to the use of gas springs on hatchback doors provided with non-standard equipment such as spoiler, stereo cases, spare tyres, etc.
- Damage due to improper or insufficient maintenance of the vehicle.

**WARRANTY REQUEST.** The product warranty request must be forwarded to the dealer where it has been purchased.

After assessing non-compliance the dealer shall replace the faulty goods directly.

It is necessary to provide the dealer with all the information needed to check the warranty, i.e.:

- Customer or installation shop details.
- Non-conforming article.
- Non-conforming quantity.
- Date of purchase and installation.
- Vehicle identification data.
- Detailed description of non-compliance.

The dealer shall then communicate the information above to the manufacturer's Quality Control Service that will start the control process.

After receiving the information provided by the customer, the replacement or the return of faulty goods for verifying the non-compliance will be authorised.

In the case of return, any products considered non-conforming shall therefore be returned to us carriage paid, together with a warranty delivery note (if the goods are not returned by the distributor the delivery note shall be sent with the distributor as consignee).

Any goods returned without our approval shall be rejected.

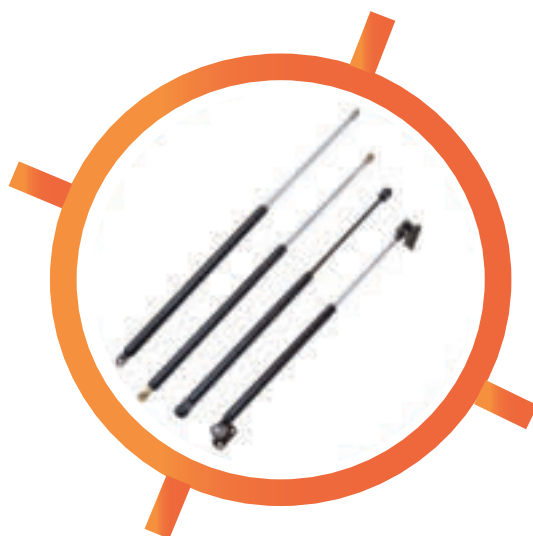
The repair, replacement of or credit for the product under warranty shall occur only once non-compliance has been assessed by our quality control technicians in the full respect of the above-mentioned conditions. Our staff is at customers' disposal for any explanations regarding these matters.

The possibility of replacing immediately the goods considered non-conforming depends exclusively on the distributor who proceed at his own discretion, remaining however not bound by the product general warranty conditions.

We inform you that all complaints and warranty certificates will be filed together with the information available to us (customer, non-compliance, production references, etc.), so that we can use them at any time and to assess the utility of any corrective actions required for any products.

In any case all customer data will be filed and processed only for internal information and research activities, law prescriptions and dispatch of informative and promotional material in compliance with Italian Law 675/95 concerning the safeguard of privacy.





[www.vitalsuspensions.it](http://www.vitalsuspensions.it)

