



2022

CATALOGO MOLLE A GAS

Gas Springs Catalogue



HELMER®
your safe driving

La tecnologia al servizio della Qualità e della Sicurezza

Technology to serve Quality and Safety



Sistema di Apertura Rapida Controllata C.Q.O. (Controlled Quick Opening)

Helmer Quality and Safety C.Q.O. (Controlled Quick Opening)

Le **Molle a Gas HELMER** adottano il sistema **C.Q.O. Controlled Quick Opening**, che agevola la fase iniziale di sollevamento e chiusura del portellone o del vano motore, mediante l'innesco di un progressivo rallentamento del movimento a fine corsa.

Il sistema fornisce il **massimo comfort e sicurezza**, evitando movimenti bruschi in fase di carico e contemporaneamente preserva nel tempo il corretto funzionamento e l'integrità della molla come del veicolo. Anche in presenza di repentine escursioni termiche, le molle conservano un'elevata affidabilità e silenziosità grazie alla qualità dei materiali impiegati.

The **HELMER Gas Springs** use the **C.Q.O. system. Controlled Quick Opening**, which facilitates the initial phase of lifting and closing the tailgate or engine compartment, by triggering a progressive slowing down of the movement at the end of the stroke.

The system provides **maximum comfort and safety**, avoiding sudden movements during loading and at the same time preserves the correct functioning and integrity of the spring as well as the vehicle. Even in the presence of sudden temperature changes, the springs maintain a high reliability and silent operation, thanks to the quality of the raw materials used.

NOVITÀ INTRODOTTE

L'edizione **2022 del CATALOGO MOLLE GAS HELMER**

prevede l'inserimento di **102 nuovi codici** per un

totale di 679, ricoprendo **835 differenti applicazioni**.

Inoltre è possibile studiarne l'utilizzo anche per soluzioni personalizzate, grazie alle informazioni dettagliate contenute e **al numero elevato di attacchi intercambiabili** disponibili a catalogo.

Gli articoli presenti si suddividono in tre applicazioni principali indicate da una lettera: **F per cofano anteriore, R per cofano o portellone posteriore, G per il sollevamento del solo lunotto** come previsto per molti modelli, in particolare SUV e STATION WAGON di nuova generazione.

UPDATES INTRODUCED

The **2022 edition of HELMER GAS SPRINGS CATALOGUE**

provides for the insertion of **102 new codes for a total**

of 679, covering 835 different applications. It is also possible to study its use for customized solutions, thanks to the detailed information contained and **the large number of interchangeable connectors** available in the catalogue.

The items contained are divided into three main applications highlighted by a letter: **F for the front hood, R for the hood or tailgate, G for lifting the rear window only** provided for many car models, particularly SUVs and new STATION WAGONS generation.





GUIDA ALLA LETTURA DEI CODICI / HOW CHOOSING THE CODE

HELMER®										
		1 GEN	FGR	L max (mm)	S (mm)	F (N)	DS - DT ø	AS - AT	OEM	
AUDI										
A2 (8Z)	2 vol.	02.00>08.05	R	518	202	420	8-18	A7-A7	8Z0898552	G4420
A3 (8L1)	2 vol.	09.96>05.03	F	500	211	350	8-18	A8-A7	8L0823359	G4992

Marca, modello e versione (ad esempio: SW, 2 volumi, 3 volumi, ecc.) dell'auto.
 Car brand, model and version (for example: SW, 2 volumes, 3 volumes, etc.).



Periodo di applicabilità.
Application Years.

Lmax: rappresenta la lunghezza massima in estensione, espressa in mm, che la molla può raggiungere. È misurata fra l'asse dell'attacco sul tubo e quello dell'attacco sullo stelo.

Lmax: it represents the maximum length extension, expressed in mm, that the gas spring can reach. It is measured between the axis of connection on the tube and that of the connection on the stem, as shown in the drawing.

S(stelo): è la misura, espressa in mm, del percorso dinamico, cioè la differenza di lunghezza fra le dimensioni della molla completamente aperta e chiusa, misurata fra l'asse degli attacchi sullo stelo e sul tubo.

S(stem): it represents the measurement, expressed in mm, of the dynamic route, that is the difference length between the dimensions of the fully open and closed spring, measured between the axis of the connections on the stem and on the tube.

F(N): la forza, caratteristica della molla a gas, rappresenta 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 per ogni tipo di applicazione. Per un corretto utilizzo, il valore relativo alla forza è impresso sul tubo di ciascuna molla.

F(N): the force, the determining element of the gas spring, represents the push that it can provide to the mobile component to which it is applied. The force is usually indicated in Newton (N) and it is specifically calculated for each type of application. For a correct use, the force value is marked on the tube of each gas spring.

DS: diametro, espresso in mm, dello stelo che scorre nel cilindro in acciaio.

DS: the stem diameter that flows into the steel cylinder, as shown in the drawing.

DT: diametro, espresso in mm, del tubo fisso, il cilindro in acciaio contenente gas azoto in pressione, entro il quale scorre lo stelo.

DT: the diameter of the fixed tube expressed in mm, the steel cylinder containing nitrogen gas under pressure, within which the stem flows, as shown in the drawing.

AS: codice dell'attacco dello stelo che scorre nel cilindro.

AS: it represents the code of stem connection that flows into the steel cylinder, as shown in the drawing.

AT: codice dell'attacco del tubo fisso, il cilindro in acciaio contenente gas azoto in pressione, entro il quale scorre lo stelo.

AT: it represents the code of the fixed tube connections, the steel cylinder containing nitrogen gas under pressure, within which the stem flows, as shown in the drawing.

OEM: codice originale produttore

OEM: original equipment manufacture code



Codice Helmer
Helmer code



F = cofano anteriore • front bonnet

R = cofano o portellone posteriore • bonnet or tailgate

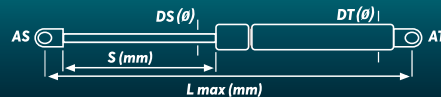
G = apertura del solo lunotto • lifting the rear window



NOTA	NOTE	VERSIONE	VERSION
APERTURA AUTOMATICA	AUTOMATIC OPENING	2 VOL.	HATCHBACK
CON SPOILER	WITH SPOILER	3 VOL.	SEDAN
CON TERGILUNOTTO E SENS. PIOGGIA	REAR WIPER AND RAIN SENSOR	B-SUV	B-SUV
CON TERGILUNOTTO	WITH REAR WIPER	CABRIO	CABRIO
DESTRA	RIGHT	COUPÉ	COUPE
LUNOTTO APRIBILE	OPENING REAR WINDOW	FUORISTRADA	OFF ROAD
LUNOTTO FISSO	REAR WINDOW	FURGONATO	VAN
SENZA APERTURA AUTOMATICA	WITHOUT AUTOMATIC OPENING	SPACE WAGON	SPACE WAGON
SENZA SPOILER	WITHOUT SPOILER	SUV	SUV
SENZA TERGILUNOTTO	WITHOUT REAR WIPER	SW	STATION WAGON
SINISTRA	LEFT	TUTTE	ALL

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				L max (mm)	S (mm)	F (N)	DS - DT Ø	AS - AT	OEM	
ALFA ROMEO										
33 Restyling (907A)	2 vol.	01.89>09.94	R	550	230	270	8-18	A6-A4	605779790	G4213
145 (930)	2 vol.	07.94>01.01	R	310	110	580	8-18	A8-A9	60567794	G3501
146 (930) [senza spoiler]	2 vol.	12.94>01.01	R	522	209	300	8-18	A8-A9	60604823	G3502
147 (937)	2 vol.	01.01>03.10	F	356	110	350	8-18	A7-A7	46739202	G3657
147 (937)	2 vol.	01.01>03.10	R	436	177	400	8-18	A8-A7	50500057	G4830
155 (167) [senza spoiler]	3 vol.	01.92>12.97	R	280	99	500	8-18	A8-A9	60540532	G4928
156 (932)	3 vol.	09.97>09.05	F	399	153	300	8-18	A8-A9	60654724	G3504
156 (932) [senza spoiler]	3 vol.	09.97>09.05	R	265	89	370	8-18	A8-A9	60651067	G4204
156 Sportwagon (932)	SW	05.00>05.06	F	399	153	300	8-18	A8-A9	60654724	G3504
156 Sportwagon (932)	SW	05.00>05.06	R	348	130	620	8-18	A8-A9	60664833	G3506
159 (939)	3 vol.	09.05>11.11	F	600	252	250	8-18	A8-A9	60688574	G3566
159 (939)	3 vol.	09.05>11.11	R	292	107	380	8-18	A8-A9	60680087	G3563
159 Sportwagon (939)	SW	03.06>11.11	F	600	252	250	8-18	A8-A9	60688574	G3566
159 Sportwagon (939)	SW	03.06>11.11	R	252	73	1180	10-22	A6-A6	50508010	G3664
164 (164)	3 vol.	08.91>09.98	R	279	97	430	8-18	A8-A9	60591762	G4218
166 (936)	3 vol.	09.98>10.03	R	280	101	390	8-18	A8-A3	60622424	G3508
Brera (939)	Coupé	01.06>05.11	F	600	252	250	8-18	A8-A9	60688574	G3566
Brera (939)	Coupé	01.06>05.11	R	473	182	350	8-18	A8-A9	60694616	G3361
Giulia (952)	3 vol.	10.15>	F	417	142	190	8-18	A8-A3	50543487	G3360
Giulia (952)	3 vol.	10.15>	R	175	47	330	8-18	A8-A9	50543486	G3358
Giulietta (940)	2 vol.	04.10>10.18	F	400	159	250	8-18	A3-A3	50519970	G4242
Giulietta (940)	2 vol.	04.10>10.18	R	500	210	410	8-18	A3-A3	50509830	G4241
GT (937)	Coupé	11.03>09.10	F	356	110	350	8-18	A7-A7	46739202	G3657
MiTo (955)	2 vol.	09.08>10.18	R	459	182	320	8-18	A8-A9	50515442	G3714
Spider (939)	Cabrio	03.06>06.10	F	600	252	250	8-18	A8-A9	60688574	G3566
Spider (939)	Cabrio	03.06>06.10	R	270	82	380	8-18	A9-A9	60694168	G3359
Stelvio (949)	SUV	11.16>	F	255	82	350	8-18	A8-A9	50535450	G3362
Stelvio (949)	SUV	11.16>	R	573	222	570	8-18	A8-A9	505354440	G3363
AUDI										
100 Avant (4A5)	SW	08.91>07.94	R	647	270	450	8-18	A8-A9	4A9827552	G3515
A1 (8X1)	2 vol.	05.10>10.18	F	299	110	400	8-18	A8-A3	8X0823359	G3323
A1 (8X1)	2 vol.	05.10>10.18	R	513	210	600	8-18	A8-A9	8X3827552	G4243
A1 Sportback (8XA)	2 vol.	11.11>10.18	F	299	110	400	8-18	A8-A3	8X0823359	G3323
A1 Sportback (8XA)	2 vol.	11.11>10.18	R	536	222	540	8-18	A8-A9	8X4827552	G4244
A1 Sportback (GBA) NEW	2 vol.	07.19>	R	502	195	470	8-18	A8-A9	82A827552	G4529
A2 (8Z)	2 vol.	02.00>08.05	R	518	202	420	8-18	A7-A7	8Z0898552	G4420
A3 (8L1)	2 vol.	09.96>05.03	R	500	202	470	8-18	A8-A7	8D9827552F	G4813
A3 (8L1)	2 vol.	09.96>05.03	F	500	211	350	8-18	A8-A7	8L0823359	G4992
A3 (8P1)	2 vol.	05.03>07.12	F	713	306	290	8-18	A7-A9	8P0823359	G4038
A3 (8P1)	2 vol.	05.03>07.12	R	475	191	490	8-18	A8-A9	8P3827552B	G4840



Anteriore



Posteriore



Lunotto



A1



A3



A4



A5



A6



A7



A8

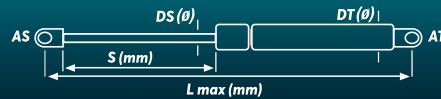


A9



				L max (mm)	S (mm)	F (N)	DS - DT Ø	AS - AT	OEM	
AUDI										
A3 (8P1) [con spoiler]	2 vol.	05.03>07.12	R	495	202	490	8-18	A8-A9	8P3827552D	G3511
A3 (8V1)	2 vol.	08.12>12.17	F	747	291	200	8-18	A8-A9	8V0823359	G3322
A3 (8V1)	2 vol.	08.12>12.17	R	544	222	460	8-18	A8-A9	8V3827552	G3372
A3 (8VS)	3 vol.	05.13>10.20	R	388	158	50	6-15	A8-A9	8V5827919	G3365
A3 (8YS) NEW	2 vol.	11.19>	F	768	275	230	8-18	A8-A9	8Y0823359	G4522
A3 Sportback (8PA)	2 vol.	09.04>08.12	F	713	306	290	8-18	A7-A9	8P0823359	G4038
A3 Sportback (8PA)	2 vol.	09.04>08.12	R	531	212	410	8-18	A8-A7	8P4827552B	G3709
A3 Sportback (8VA)	2 vol.	09.12>12.17	F	747	291	200	8-18	A8-A9	8V0823359	G3322
A3 Sportback (8VA, 8VF)	2 vol.	09.12>12.17	R	557	238	450	8-18	A8-A9	8V4827552	G3708
A3 Sportback (8YA) NEW	2 vol.	11.19>	F	768	275	230	8-18	A8-A9	8Y0823359	G4522
A3 Sportback (8YA) NEW	2 vol.	11.19>	R	664	265	380	8-18	A8-A9	8Y4827552	G4524
A4 (8D2, B5)	3 vol.	10.94>10.00	F	722	306	310	8-18	A1-A1	8D0823359B	G4086
A4 (8D2, B5)	3 vol.	10.94>10.00	R	279	100	490	8-18	A8-A9	8D5827552F	G3522
A4 (8E2, 8HE, B6)	3 vol. / Cabrio	11.00>12.04	F	713	309	330	8-18	A7-A7	8E0823359A	G3512
A4 (8E2, B6)	3 vol.	11.00>12.04	R	298	95	650	8-18	A8-A9	4B5827552G	G3513
A4 (8EC, B7)	3 vol. / Cabrio	11.04>03.09	F	713	309	330	8-18	A7-A7	8E0823359A	G3512
A4 (8EC, B7)	3 vol.	11.04>03.09	R	298	81	700	8-18	A8-A9	8E5827552J	G4245
A4 (8K2)	3 vol.	11.07>09.15	F	762	340	340	8-18	A8-A9	8T0823359	G3321
A4 (8K2, B8)	3 vol.	11.07>09.15	R	388	237	480	8-18	A9-A9	8K5827919AA	G3376
A4 (8W2)	3 vol.	05.15>11.19	R	493	210	70	6-15	A9-A8	8W5827919	G3368
A4 Allroad (8KH)	SW	11.07>09.15	F	762	340	340	8-18	A8-A9	8T0823359	G3321
A4 Avant (8D5, B5)	SW	11.94>09.01	F	722	306	310	8-18	A1-A1	8D0823359B	G4086
A4 Avant (8D5, B5)	SW	11.94>09.01	R	500	202	470	8-18	A8-A7	8D9827552F	G4813
A4 Avant (8E5, B6)	SW	04.01>12.04	R	500	201	530	8-18	A8-A9	8E9827552E	G3514
A4 Avant (8E5, B6)	SW	04.01>12.04	F	713	309	330	8-18	A7-A7	8E0823359A	G3512
A4 Avant (8ED, B7)	SW	12.04>03.08	F	713	309	330	8-18	A7-A7	8E0823359A	G3512
A4 Avant (8ED, B7)	SW	12.04>03.08	R	490	202	530	8-18	A3-A3	8E9827552L	G4246
A4 Avant (8K2, 8K5)	3 vol. / SW	04.08>09.15	F	762	340	340	8-18	A8-A9	8T0823359	G3321
A4 Avant (8K5) [apertura automatica]	SW	04.08>09.15	R	500	202	450	8-18	A8-A9	8K9827552A	G3303
A4 Avant (8K5, B8)	SW	04.08>09.15	R	500	202	530	8-18	A8-A9	8K9827552	G4007
A4 Avant (8W5)	SW	10.15>10.19	R	495	202	420	8-18	A8-A9	8W9827552C	G3369
A5 (8T3)	Coupé	06.07>05.16	F	762	340	340	8-18	A8-A9	8T0823359	G3321
A5 (8T3)	Coupé	06.07>05.16	R	351	141	480	6-15	A8-A3	8T0827919	G3364
A5 (8TA) Sportback	2 vol.	09.09>05.16	F	762	340	340	8-18	A8-A9	8T0823359	G3321
A5 (8TA) Sportback	2 vol.	09.09>05.16	R	484	148	750	8-18	A8-A3	8T8827552	G3366
A6 (4A, C4)	3 vol.	06.94>10.97	F	944	417	380	10-22	A7-A7	4B0823359C	G4816
A6 (4A, C4)	3 vol.	06.94>10.97	R	404	162	390	8-18	A8-A9	4A5827552	G4814
A6 (4A2/C8, 4A5/C8) NEW	3 vol.	01.19>	F	721	257	170	8-18	A8-A9	4K0823359	G4523
A6 (4B, C5)	3 vol.	01.97>01.05	F	722	309	280	8-18	A7-A7	4B0823359C	G4815
A6 (4B, C5)	3 vol.	01.97>05.00	R	279	100	630	8-18	A8-A9	4B5827552D	G4966





				L max (mm)	S (mm)	F (N)	DS - DT Ø	AS - AT	OEM	
AUDI										
A6 (4B, C5)	3 vol.	06.00>05.04		298	95	650	8-18	A8-A9	4B5827552G	G3513
A6 (4F2)	3 vol.	06.04>02.11		722	320	180	8-18	A8-A9	4F0823359A	G3347
A6 (4F2, C6)	3 vol.	06.04>02.11		299	85	730	8-18	A8-A9	4F5827552	G3658
A6 (4G2, 4GC, C7)	3 vol.	03.11>09.18		329	122	380	8-18	A8-A8	4G8823359A	G3348
A6 (4G2, 4GC, C7)	3 vol.	03.11>09.18		437	183	180	6-15	A9-A9	4G5827919	G3357
A6 Allroad (4AH/C8)	SW	01.19>		721	257	170	8-18	A8-A9	4K0823359	G4523
A6 Allroad (4BH, C5)	SW	01.97>01.05		722	309	280	8-18	A7-A7	4B0823359C	G4815
A6 Allroad (4BH, C5)	SW	05.00>08.05		500	210	690	8-18	A7-A7	4B9827552M	G3727
A6 Allroad (4FH)	SW	05.06>03.11		722	320	180	8-18	A8-A9	4F0823359A	G3347
A6 Allroad (4GH)	SW	04.11>09.18		329	122	380	8-18	A8-A8	4G8823359A	G3348
A6 Avant (4A, C4)	SW	06.94>10.97		944	417	380	10-22	A7-A7	4A0823359C	G4816
A6 Avant (4A5, C4)	SW	06.94>10.97		647	270	450	8-18	A8-A9	4A9827552	G3515
A6 Avant (4A5/C8)	SW	11.18>		538	218	450	8-18	A8-A9	4K9827552B	G4528
A6 Avant (4AH/C8)	SW	01.19>		721	257	170	8-18	A8-A9	4K0823359	G4523
A6 Avant (4B, C5)	SW	11.97>01.05		722	309	280	8-18	A7-A7	4B0823359C	G4815
A6 Avant (4B, C5)	SW	11.97>05.00		500	210	690	10-22	A8-A9	4B9827552M	G3519
A6 Avant (4B, C5)	SW	06.00>05.01		483	190	740	10-22	A7-A7	4B9827552H	G3516
A6 Avant (4F5,C6)	SW	03.05>03.11		722	320	180	8-18	A8-A9	4F0823359A	G3347
A6 Avant (4F5,C6)	SW	03.05>03.11		490	202	650	8-18	A8-A9	4F9827552B	G3718
A6 Avant (4G5)	SW	01.12>09.18		500	184	460	8-18	A8-A9	4G9827552	G4530
A6 Avant (4G5, 4GD, C7)	SW	04.11>09.18		329	122	380	8-18	A8-A8	4G8823359A	G3348
A8 (4D2, 4D8)	3 vol.	03.94>12.02		404	162	310	8-18	A8-A9	4D0827551B	G3521
Q2 (GAB, GAG)	SUV	09.16>		814	305	720	10-27	A8-A9	81A823359	G3375
Q2 (GAB, GAG)	SUV	09.16>		604	242	420	8-18	A8-A9	81A827552A	G3373
Q3 (8UB)	SUV	06.11>10.18		741	280	210	8-18	A8-A9	8U0823359B	G3374
Q3 (8UB)	SUV	06.11>10.18		500	202	560	8-18	A8-A9	8U0827552A	G3371
Q3 (F3B)	SUV	07.18>		592	234	560	8-18	A8-A9	83A 827 552	G4526
Q3 Sportback (F3N)	SUV	09.18>		630	230	540	8-18	A8-A9	83F827552	G4525
Q5 (8R)	SUV	11.08>05.17		304	105	380	8-18	A8-A9	8R0823359A	G4248
Q5 (8R)	SUV	11.08>05.17		500	210	600	8-18	A8-A9	8R0827552B	G4247
Q5 (8RB)	SUV	11.10 >05.17		500	193	500	8-18	A8-A9	8R0827552A	G4531
Q5 (FYB)	SUV	01.17>11.20		458	172	240	8-18	A8-A9	80A823359A	G4532
Q5 (FYB)	SUV	01.17>11.20		559	216	580	8-18	A8-A9	80A827552C	G4527
Q7 (4LB)	SUV	03.06>03.15		484	202	170	8-18	A8-A9	4L0823359	G3367
Q7 (4LB)	SUV	03.06>03.15		498	202	630	8-18	A8-A9	4L0827552E	G3370
RSQ3 Sportback (F3N)	SUV	09.18>		630	230	540	8-18	A8-A9	83F827552	G4525
TT (8N3)	Coupé	10.98>06.06		279	100	490	8-18	A8-A9	8N0823359	G3522
TT (8N3)	Coupé	10.98>06.06		404	162	520	8-18	A8-A9	8N8827552	G3523
TT Roadster (8N9)	Cabrio	10.99>06.06		279	100	490	8-18	A8-A9	8N0823359	G3522



Anteriore



Posteriore



Lunotto



A1



A3



A4



A5



A6



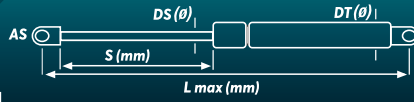
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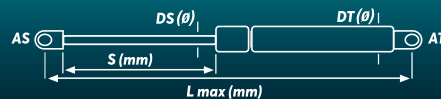
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A9

 										
			L max (mm)	S (mm)	F (N)	DS - DT Ø	AS - AT	OEM		
AUTOBIANCHI										
A 112	2 vol.	10.69>12.86		362	142	190	8-18	A9-A4	4484653	G4095
BMW										
Serie 1 (E81-E87)	2 vol.	11.03>09.12		374	142	350	8-18	A8-A7	51237118370	G3659
Serie 1 (E81-E87)	2 vol.	11.03>09.12		411	152	400	8-18	A8-A9	51247060622	G3660
Serie 1 (E82-E88)	Coupé / Cabrio	10.07>12.11		374	142	350	8-18	A8-A7	51237118370	G3659
Serie 1 (F20)	2 vol.	06.11>06.19		282	82	610	8-18	A8-A9	51237239233	G4039
Serie 1 (F20)	2 vol.	06.11>06.19		467	182	455	8-18	A3-A3	51247239871	G4023
Serie 1 (F40) 	3 Vol.	07.19>		245	63	370	8-18	A8-A9	51237473453	G4544
Serie 1 (F40) 	3 Vol.	07.19>		616	162	580	8-18	A8-A9	51247456042	G4533
Serie 2 (F22)	Coupé	10.13>		368	112	280	8-18	A9-A9	51247304556	G3356
Serie 2 (F45) Active Tourer	Space Wagon	09.14>		515	157	710	8-18	A8-A9	51247300791	G3381
Serie 2 Gran Coupe (F44) 	Coupé	07.19>		245	63	370	8-18	A8-A9	51237473453	G4544
Serie 3 (E36)	3 vol.	11.90>04.99		367	146	320	6-15	A4-A4	51231960852	G4967
Serie 3 (E36)	3 vol.	11.90>04.99		296	90	480	8-18	A8-A9	51241960862	G4968
Serie 3 (E36)	Coupé	11.90>04.99		411	165	280	6-15	A4-A4	51238119558	G4969
Serie 3 (E36)	Coupé	11.90>04.99		296	90	480	8-18	A8-A9	51241960862	G4968
Serie 3 (E46)	tutte	02.98>02.05		316	117	580	8-18	A8-A9	51238202688	G4971
Serie 3 (E46)	3 vol. / Coupé	02.98>02.05		349	110	320	8-18	A8-A9	51248254281	G4059
Serie 3 (E90)	3 vol.	01.05>12.11		369	111	320	8-18	A7-A7	51247250308	G3650
Serie 3 (E90, E91, E92, E93)	tutte	01.05>06.12		397	158	330	8-18	A8-A9	51237060550	G3738
Serie 3 (F30)	3 vol.	02.12>10.18		377	150	120	8-18	A8-A9	51247259763	G3378
Serie 3 (G20) 	3 Vol.	11.20>		331	105	570	8-18	A8-A9	51 24 7 450 612	G4537
Serie 3 (G20) 	3 Vol.	11.20>		271	85	410	8-18	A8-A9	51237419387	G4543
Serie 3 Compact (E36)	2 vol.	03.94>08.00		367	146	320	6-15	A4-A4	51231960852	G4967
Serie 3 Touring (E36)	SW	01.95>10.99		367	146	320	6-15	A4-A4	51231960852	G4967
Serie 3 Touring (E36)	SW	01.95>09.99		518	202	380	8-18	A8-A9	51248171158	G3526
Serie 3 Touring (E46)	SW	10.99>02.05		543	202	470	8-18	A8-A9	51248232873	G3527
Serie 3 Touring (E91)	SW	09.05>06.12		543	210	450	8-18	A7-A7	51247127875	G3651
Serie 3 Touring (F31)	SW	06.12>06.19		582	182	513	8-18	A8-A9	51247263153	G3383
Serie 3 Touring (G21) 	SW	11.20>		271	85	410	8-18	A8-A9	51237419387	G4543
Serie 3 Touring (G21) 	SW	11.19>		326	97	415	8-18	A8-A9	51247453412	G4538
Serie 4 Gran Coupe (F36) 	Coupé	07.12>02.15		282	78	610	8-18	A8-A9	51237239233	G4540
Serie 5 (E39)	3 vol. / SW	11.95>07.04		333	122	680	8-18	A8-A9	51238174866	G4972
Serie 5 (E39)	3 vol.	11.95>07.04		347	110	540	10-22	A8-A9	51248222913	G4973
Serie 5 (E60, E61)	3 vol. / SW	07.03>09.10		313	114	330	8-18	A8-A9	51237008745	G3661
Serie 5 (F10)	3 vol.	10.12>09.16		310	112	400	8-18	A8-A9	51237309117	G3350
Serie 5 Touring (E39)	SW	01.97>07.04		243	82	560	8-18	A4-A6	51248190688	G3528
Serie 5 Touring (E61)	SW	03.07>12.10		582	202	680	8-18	A8-A9	51247178273	G4008
Serie 5 Touring (F11) 	SW	07.14>02.17		279	90	155	8-18	A8-A9	51247210557	G4541
Serie 5 Touring (F11) 	SW	07.14>02.17		564	93	1270	10-27	A8-A9	51244892833	G4534

										
Anteriore	Posteriore	Lunotto	A1	A3	A4	A5	A6	A7	A8	A9

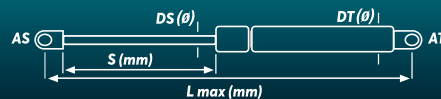


				L max (mm)	S (mm)	F (N)	DS - DT Ø	AS - AT	OEM	
BMW										
Serie 5 Touring (G31)	SW	07.20>		400	78	100	8-18	A8-A9	51247390410	G4536
X1 (E84)	SUV	09.09>08.15		345	122	450	8-18	A8-A3	41612990344	G3377
X1 (E84)	SUV	09.09>08.15		569	242	460	8-18	A8-A9	51242990136	G3548
X1 (F48)	SUV	09.15>		431	175	175	8-18	A8-A9	51237329410	G3380
X2 (F39)	SUV	03.18>		431	157	175	8-18	A8-A9	51237424766	G4535
X3 (E83)	SUV	10.03>09.10		284	102	720	10-22	A8-A3	51233400352	G3752
X3 (E83)	SUV	10.03>09.10		622	212	590	8-18	A8-A6	51243400379	G3726
X3 (F25)	SUV	09.10>02.14		299	102	680	8-18	A8-A9	51237210727	G3351
X3 (F25)	SUV	09.10>02.14		654	242	610	8-18	A8-A9	51247211289	G3384
X3 (G01)	SUV	12.17>		283	90	395	8-18	A8-A9	51237397494	G4539
X3 (G01)	SUV	04.18>06.20		274	89	130	8-18	A8-A9	51247397319	G4542
X4 (F26)	SUV	04.14>03.18		299	102	680	8-18	A8-A9	51237210727	G3351
X4 (G02)	SUV	12.17>		283	90	395	8-18	A8-A9	51237397494	G4539
X5 (E53)	SUV	05.00>01.07		289	105	640	8-18	A8-A9	51238402551	G3740
X5 (E53)	SUV	05.00>01.07		529	182	530	8-18	A8-A9	51248402405	G3679
X5 (E70)	SUV	02.07>02.09		413	154	390	8-18	A8-A9	51237148346	G4250
X5 (E70)	SUV	02.07>02.09		523	182	710	8-18	A8-A9	51247294199	G4249
X5 (F15)	SUV	08.13>07.18		266	82	320	8-18	A3-A3	51479149120	G3391
X5 (F15, F85)	SUV	08.13>07.18		376	82	495	8-18	A8-A9	51237308065	G3379
X6 (E71)	SUV	11.06>07.14		413	154	390	8-18	A8-A9	51237148346	G4250
X6 (F16, F86)	SUV	08.14>07.19		376	82	495	8-18	A8-A9	51237308065	G3379
CHEVROLET										
Aveo (T250, T255)	2 vol.	01.04>02.11		390	150	350	8-18	A8-A9	96540939	G3328
Aveo (T300)	2 vol.	03.11>12.15		485	202	510	8-18	A8-A9	95152165	G4024
Captiva (C100, C140)	Fuoristrada	06.06>10.12		585	252	500	8-18	A3-A3	95494360	G4270
Matiz (M200, M250)	2 vol.	03.05>02.11		405	162	300	8-18	A7-A7	96666915	G3686
Spark (M200, M250)	2 vol.	05.05>02.11		405	162	300	8-18	A7-A7	96666915	G3686
Spark (M300)	2 vol.	03.10>		376	145	390	8-18	A3-A3	95962016	G4251
CHRYSLER										
300 C (LX,LE)	3 vol.	08.04>06.11		298	102	280	8-18	A8-A8	4589589AA	G3394
PT Cruiser (PT_)	2 vol.	05.00>12.10		585	250	700	10-22	A8-A8	4724743AB	G3393
CITROEN										
Ax (ZA-)	2 vol.	07.86>12.98		544	233	300	8-18	A9-A9	95631956	G4514
Berlingo I (MF)	Space Wagon	07.96>10.02		700	305	660	8-18	A8-A9	8731E0	G3530
Berlingo II (MF)	Space Wagon	11.02>10.05		700	305	660	8-18	A8-A9	8731E0	G3530
Berlingo III (B9)	Space Wagon	04.08>03.09		563	242	140	8-18	A3-A3	8731R8	G4025
Berlingo III (B9)	Space Wagon	04.09>		543	222	200	8-18	A8-A9	8731V6	G4026
Berlingo III (B9) [lunotto apribile]	Space Wagon	04.08>		630	255	620	10-27	A8-A9	8731S0	G4027
Berlingo III (B9) [lunotto fisso]	Space Wagon	04.08>		622	230	580	8-18	A8-A9	8731R9	G4252
C1 (PA_, PS_)	2 vol.	04.14>		489	202	190	8-18	A3-A3	B000877780	G3655



				L max (mm)	S (mm)	F (N)	DS - DT Ø	AS - AT	OEM	
CITROEN										
C1 (PM_, PN_)	2 vol.	06.05>03.14		555	229	305	8-18	A8-A9	8731L0	G3666
C2 (JM)	2 vol.	07.03>01.10		459	190	380	8-18	A8-A9	8731H8	G4850
C3 AIRCROSS II (2R_, 2C_)	SUV	06.17>		499	170	560	8-18	A8-A9	YQ00096180	G4547
C3 I/II (FC)	2 vol.	02.02>11.09		445	170	420	8-18	A8-A9	8731G3	G4851
C3 III (SC)	2 vol.	11.09>12.16		473	194	430	8-18	A3-A3	8731T9	G4253
C3 IV (SX)	2 vol.	01.17>		463	182	355	8-18	A3-A3	9813177780	G3396
C3 Picasso	Space Wagon	02.09>		549	222	420	8-18	A3-A9	8731S8	G4254
C4 (LC)	2 vol.	11.04>09.08		547	195	425	8-18	A8-A3	9647295480	G3684
C4 Cactus	2 vol.	09.14>		535	210	390	8-18	A9-A9	9813913980	G3404
C4 Grand Picasso I (UA)	Space Wagon	02.07>06.13		589	242	110	8-18	A8-A3	8731N8	G3406
C4 Grand Picasso I (UA)	Space Wagon	02.07>06.13		581	202	625	8-18	A8-A7	8731N9	G3405
C4 II (B7)	2 vol.	10.10>		492	202	475	8-18	A8-A9	8731V8	G3398
C4 Picasso I (UD)	Space Wagon	10.06>02.13		527	208	125	8-18	A9-A9	8731P1	G3403
C4 Picasso I (UD) [lunotto fisso]	Space Wagon	10.06>02.13		637	265	610	8-18	A8-A9	8731T1	G3736
C4 Picasso II (B7)	Space Wagon	03.13>		661	265	635	8-18	A8-A9	9806879080	G3407
C5 Aircross	SUV	11.18>		589	159	640	8-18	A8-A9	9817054180	G4545
C5 I (DC)	3 vol.	03.01>08.04		512	202	470	8-18	A8-A9	8731F6	G3532
C5 II (RC)	3 vol.	09.04>02.08		494	207	570	10-22	A9-A9	8731K1	G3399
C5 III (TD_)	SW	03.08>		546	222	535	8-18	A7-A7	8731R6	G4255
C8 (EA, EB)	Space Wagon	08.02>		633	235	510	8-18	A8-A9	8731G6	G3534
C-Crosser (EP)	Fuoristrada	02.07>		492	202	420	8-18	A8-A9	8731Q1	G4274
DS3	2 vol.	11.09>07.15		424	173	380	8-18	A3-A3	8731V4	G4280
DS3 (SA_)	2 vol.	04.10>07.15		424	161	380	8-18	A8-A9	9809821380	G4549
DS4	2 vol.	09.10>07.15		510	202	350	8-18	A8-A9	8731X6	G3400
DS4 (NX_)	2 vol.	04.11>07.15		510	183	350	8-18	A8-A9	9801060880	G4546
DS5	2 vol.	10.11>07.15		425	162	540	8-18	A8-A9	968680948	G3395
DS5	2 vol.	11.11>07.15		425	151	540	8-18	A8-A9	9686809480	G4548
Evasion (22, U6)	Space Wagon	11.95>08.02		610	215	600	8-18	A8-A9	8731E5	G4922
Jumpy III	Furgonato	01.07>03.16		700	175	1050	10-22	A8-A9	8731P5	G4257
Nemo (AA)	Furgonato	02.08>		600	222	670	8-18	A8-A9	1608899680	G4258
Saxo (S0, S1)	2 vol.	05.96>04.04		611	242	355	8-18	A8-A9	8731C0	G4516
Xantia (X1)	3 vol.	07.93>09.01		600	260	590	8-18	A8-A9	8731C2	G4974
Xantia Break (X1, X2)	SW	06.95>04.03		591	252	480	8-18	A8-A9	8731A8	G4975
Xsara Coupè (N0)	Coupé	04.97>04.05		459	170	300	8-18	A8-A9	792511	G4977
Xsara Coupè (N0)	Coupé	04.97>04.05		624	262	360	8-18	A8-A9	8731E3	G4978
Xsara I (N1)	2 vol.	04.97>04.05		459	170	300	8-18	A8-A9	792511	G4977
Xsara I (N1)	2 vol.	04.97>04.05		624	262	360	8-18	A8-A9	8731E3	G4978
Xsara I Break (N2)	SW	10.97>08.05		459	170	300	8-18	A8-A9	792511	G4977
Xsara I Break (N2)	SW	10.97>08.05		658	271	410	8-18	A8-A9	8731E4	G4981
Xsara Picasso (N68)	Space Wagon	12.99>03.05		597	258	450	8-18	A8-A9	792513	G4520

Anteriore	Posteriore	Lunotto	A1	A3	A4	A5	A6	A7	A8	A9



				L max (mm)	S (mm)	F (N)	DS - DT Ø	AS - AT	OEM	
CITROEN										
Xsara Picasso (N68)	Space Wagon	12.99>03.05		668	290	390	8-18	A8-A9	8731N1	G4521
ZX Break (N2)	SW	10.93>10.97		540	230	470	8-18	A6-A6	873194	G4513
DACIA										
Duster (H79)	Fuoristrada	04.10>		589	252	360	8-18	A8-A9	654712943R	G4009
Duster (H79)	Fuoristrada	04.10>		405	150	615	8-18	A8-A9	904520004R	G4281
Duster (HM_)	Fuoristrada	10.17>		620	232	155	8-18	A3-A3	654702645R	G4550
Duster (HM_)	Fuoristrada	10.17>		416	136	575	8-18	A3-A3	904522228R	G4551
Lodgy (J92)	Space Wagon	03.12>		529	222	550	8-18	A8-A9	904528093R	G3410
Logan II	3 vol.	10.12>		584	242	330	8-18	A8-A9	654713274R	G3308
Logan MCV I (KS)	SW	02.07>		520	221	370	8-18	A8-A9	8200735264	G3716
Logan MCV II (K52)	SW	02.13>		584	242	330	8-18	A8-A9	654713274R	G3308
Logan MCV II (K52)	SW	02.13>		556	239	445	8-18	A8-A9	904527457R	G3411
Sandero (B52)	2 vol.	01.13>		472	194	400	8-18	A8-A7	904529943R	G3326
Sandero (B90)	2 vol.	02.07>12.12		520	221	370	8-18	A8-A9	8200735264	G3716
DAEWOO										
Matiz I/II (KLYA)	2 vol.	09.98>12.04		405	162	270	8-18	A8-A9	96563503	G3402
FIAT										
127	2 vol.	06.71>03.77		550	222	360	8-18	A1-A4	42977420	G4097
132	3 vol.	04.72>12.82		256	92	280	8-18	A4-A4	4405569	G4096
500 (312_)	2 vol.	10.07>		456	182	350	8-18	A8-A9	51785412	G3663
500 L (351_, 352_)	2 vol.	09.12>		369	110	210	8-18	A3-A3	51923979	G4010
500 L (351_, 352_)	2 vol.	09.12>		554	182	670	10-22	A8-A9	51883050	G4286
500X (334_)	SUV	09.14>		451	182	480	8-18	A8-A9	52029616	G3412
Barchetta (183)	Cabrio	03.95>05.05		405	166	170	8-18	A4-A4	47300075	G3537
Brava (182)	2 vol.	10.95>10.01		520	202	360	8-18	A8-A9	46783650	G3538
Bravo I (182)	2 vol.	10.95>10.01		469	195	350	8-18	A8-A9	7774707	G4920
Bravo II (198)	2 vol.	04.07>		507	213	360	8-18	A8-A9	51812267	G3665
Cinquecento (170)	2 vol.	07.91>01.98		569	242	210	8-18	A8-A9	46835404	G4212
Croma I (154)	3 vol.	12.85>12.96		500	212	550	8-18	A4-A4	82429686	G4020
Croma II (194)	SW	06.05>		627	270	460	8-18	A7-A7	51734960	G3687
Doblò (119, 223)	Furgonato	03.01>01.10		866	355	430	10-22	A8-A8	46824070	G4919
Doblò III Combi (152,263)	Space Wagon	02.10		796	312	720	10-22	A8-A9	51927230	G4256
Duna Weekend	SW	04.88>05.97		514	215	500	8-18	A8-A9	333827550B	G4022
Fiorino III (225)	Furgonato	02.08>		600	222	670	8-18	A8-A9	1354844080	G4258
Freemont (JC_,JF_)	Fuoristrada	08.11>		499	207	550	8-18	A8-A9	5178293AC	G4011
Grande Punto (199)	2 vol.	10.05>10.11		436	173	350	8-18	A8-A9	51778432	G3662
Idea (135)	Space Wagon	01.04>		473	182	480	8-18	A7-A9	46830389	G4864
Marea Weekend (185)	SW	09.96>10.02		509	210	420	8-18	A8-A9	46420780	G4828
Multipla I/II (186)	Space Wagon	04.99>12.10		213	57	200	8-18	A3-A3	46559858	G3540
Multipla I/II (186)	Space Wagon	04.99>12.10		507	215	550	8-18	A8-A9	51794446	G4437



Anteriore



Posteriore



Lunotto



A1



A3



A4



A5



A6



A7



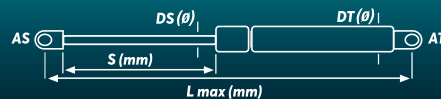
A8



A9

AS DS (θ)_I S (mm) L max (mm) DT (θ)_I AT HELMER®										
				L max (mm)	S (mm)	F (N)	DS - DT Ø	AS - AT	OEM	
FIAT										
Palio (178DX)	2 vol.	04.96>10.02		476	197	360	8-18	A8-A9	51709755	G4099
Palio Weekend (178DX)	SW	04.96>10.02		519	220	570	8-18	A8-A9	46524047	G4098
Panda I (141_A)	2 vol.	05.80>09.86		550	230	240	8-18	A4-A4	44836580	G4092
Panda I (141_A)	2 vol.	10.86>07.03		550	222	390	8-18	A1-A4	7550172	G4093
Panda II (169)	2 vol.	09.03>01.12		503	210	280	8-18	A8-A9	46827091	G4982
Panda III (312, 319)	2 vol.	02.12>		405	162	420	8-18	A3-A3	51841634	G4284
Punto I (176)	2 vol.	09.93>08.99		445	182	300	8-18	A8-A9	7734566	G4826
Punto II (188) 3 porte	2 vol.	09.99>04.07		473	190	330	8-18	A8-A9	46744596	G4860
Punto II (188) 5 porte	2 vol.	09.99>04.07		456	179	380	8-18	A8-A9	46524678	G4861
Punto Evo (199)	2 vol.	07.08>		436	173	350	8-18	A8-A9	51778432	G3662
Punto II (199)	2 vol.	03.12>		436	173	350	8-18	A8-A9	51778432	G3662
Qubo (225)	Furgonato	02.08>		600	222	670	8-18	A8-A9	1354844080	G4258
Regata Weekend (138)	SW	01.84>12.89		542	230	310	8-18	A8-A9	5981660	G4056
Ritmo (138A)	2 vol.	07.83>12.88		600	260	400	8-18	A1-A3	39462450	G4090
Scudo (270)	Furgonato	01.07>		700	175	1050	10-22	A8-A9	1498071080	G4257
Sedici (FY_)	Fuoristrada	06.06>10.14		440	162	420	8-18	A7-A7	71743352	G3688
Seicento (187)	2 vol.	01.98>01.10		569	242	210	8-18	A8-A9	46835404	G4212
Stilo (192) 3/5 porte	2 vol. / SW	09.01>11.06		507	215	250	8-18	A8-A9	46784590	G3764
Stilo (192) 3 porte	2 vol.	09.01>11.10		440	177	460	8-18	A8-A9	46784994	G4862
Stilo (192) 5 porte	2 vol.	09.01>11.10		507	202	380	8-18	A8-A9	46784995	G4863
Stilo Multiwagon (192)	SW	01.03>08.08		507	215	250	8-18	A8-A9	46784590	G3764
Stilo Multiwagon (192)	SW	01.03>08.08		603	222	740	8-18	A8-A9	51736744	G3682
Tempra Weekend (159)	SW	03.90>08.97		630	271	330	8-18	A8-A9	7606304	G4827
Tipo I (160)	2 vol.	07.87>04.95		585	252	270	8-18	A7-A9	7671700	G4018
Tipo II (357)	2 vol.	10.15>		636	257	340	8-18	A8-A9	52062544	G3423
Tipo II SW (357)	SW	05.16>		582	247	390	8-18	A8-A9	52063500	G3424
Ulysse (220)	Space Wagon	11.95>07.02		610	215	600	8-18	A8-A9	9626493880	G4922
Ulysse II (179AX)	Space Wagon	08.02>06.11		633	235	510	8-18	A8-A9	1489342080	G3534
Ulysse II (179AX)	Space Wagon	08.02>06.11		633	242	490	8-18	A8-A9	1489342080	G3545
Uno (146A)	2 vol.	01.83>08.89		592	252	430	8-18	A8-A9	487670	G4091
Uno Restyling (146A/E)	2 vol.	09.89>12.96		568	233	280	8-18	A8-A9	7636049	G4015
FORD										
B-Max (JK)	Space Wagon	08.12>		554	238	550	8-18	A8-A9	1757865	G3416
C-Max (CB7, CEU)	Space Wagon	12.10>06.19		682	208	580	8-18	A7-A9	1 737 781	G4259
C-Max (DM2)	Space Wagon	03.07>08.10		569	242	460	8-18	A8-A9	1683725	G3548
Escort VI-VII (GAL)	2 vol.	05.92>09.00		544	225	440	8-18	A8-A9	6900216	G4902
Escort VI-VII (GAL)	SW	08.90>09.00		532	222	410	8-18	A8-A9	1075742	G4822
Fiesta II (FBD)	2 vol.	08.83>12.88		615	230	330	8-18	A9-A9	84FBB406A10DB	G4057
Fiesta III (GFJ)	2 vol.	03.89>04.93		567	221	645	10-22	A8-A9	6734734	G4130
Fiesta III (GFJ)	2 vol.	05.93>02.96		578	249	260	8-18	A8-A9	6965594	G4983

										
Anteriore	Posteriore	Lunotto	A1	A3	A4	A5	A6	A7	A8	A9

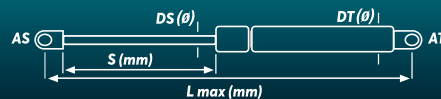


				L max (mm)	S (mm)	F (N)	DS - DT Ø	AS - AT	OEM	
FORD										
Fiesta IV (JA, JB)	2 vol.	03.96>10.01		578	249	310	8-18	A8-A9	1008276	G4929
Fiesta V (JH, JD) 3 porte	2 vol.	11.01>09.08		624	252	575	8-18	A8-A9	1141159	G4870
Fiesta V (JH, JD) 5 porte	2 vol.	11.01>09.08		600	202	440	8-18	A8-A9	1224731	G4871
Fiesta VI (CB1, CCN)	2 vol.	10.08>08.12		544	228	325	8-18	A8-A9	1666068	G3759
Focus C--Max I (DMZ)	Space Wagon	10.03>03.07		569	242	460	8-18	A8-A9	1252377	G3548
Focus I (DAW, DBW)	2 vol.	06.98>08.02		465	182	655	8-18	A8-A9	1074368	G4070
Focus I (DAW, DBW)	2 vol.	09.02>02.04		455	182	680	8-18	A7-A7	1150277	G4073
Focus I (DNW)	SW	02.99>01.01		512	213	550	8-18	A8-A9	1093705	G4072
Focus I (DNW)	SW	02.01>11.04		527	215	450	8-18	A8-A9	1146649	G3547
Focus II (DA) 5 porte	2 vol.	12.04>11.10		484	202	530	8-18	A8-A9	1321021	G3556
Focus II (DAW)	SW	12.04>11.10		584	247	420	8-18	A8-A9	1349309	G3667
Focus III	2 vol.	04.11>08.14		600	260	385	8-18	A8-A9	1747492	G3419
Focus IV	2 vol.	09.2018>		597	224	385	8-18	A8-A9	2284725	G4554
Fusion (JU)	SW	08.02>12.12		556	222	500	8-18	A8-A9	1436155	G4872
Galaxy (WA6)	Space Wagon	04.06>03.10		574	205	990	10-27	A8-A9	1405189	G3418
Galaxy I/II (WGR)	Space Wagon	02.95>03.06		593	215	800	10-27	A6-A6	1094814	G3616
Ka I (RB)	2 vol.	09.96>10.08		446	182	310	8-18	A8-A9	1025425	G4931
Ka II (RU8)	2 vol.	11.08>04.16		417	162	390	8-18	A3-A3	1542413	G4260
Kuga I	SUV	03.08>10.12		657	285	480	8-18	A8-A9	1729322	G3760
Kuga II (DM2)	SUV	11.12>09.16		743	237	670	10-22	A8-A9	1790926	G3421
Mondeo I/II (BNP)	SW	03.93>10.00		484	202	640	8-18	A8-A9	6934502	G4930
Mondeo I/II (GBP, BAP)	2 vol.	03.93>10.00		553	222	560	8-18	A8-A9	1020156	G4903
Mondeo III (B4Y) 4 porte	3 vol.	11.00>08.07		301	105	560	8-18	A8-A9	1117246	G3551
Mondeo III (B4Y, B5Y)	3 vol.	11.00>08.07		250	82	660	8-18	A8-A9	1120812	G3550
Mondeo III (B5Y) 5 P [con tergicristallo e sens. pioggia]	2 vol.	11.00>08.07		534	210	585	8-18	A8-A9	1219986	G3554
Mondeo III (B5Y) 5 porte [senza tergicristallo]	2 vol.	11.00>08.07		534	213	485	8-18	A8-A9	1120611	G3552
Mondeo III (BWY)	SW	11.00>08.07		250	82	660	8-18	A8-A9	1120812	G3550
Mondeo III (BWY)	SW	11.00>08.07		553	228	475	8-18	A7-A7	1232189	G3553
Puma (J2K, CF7)	B-SUV	09.19>		641	197	485	8-18	A8-A9	2440270	G4553
S-Max (WA6)	Space Wagon	05.06>04.10		605	242	670	8-18	A8-A9	1381555	G3733
Tourneo Connect I	Space Wagon	05.02>04.09		678	293	480	8-18	A8-A9	5208361	G3724
Transit (FA)	Furgonato	01.00>05.06		849	355	670	10-22	A8-A3	4346105	G3678
Transit Autobus (FD_, FB_, FS_, FZ_, FC_)	Furgonato	04.06>08.14		849	309	640	8-18	A8-A9	4125853	G4552
Transit Connect I (P65,P70,P80)	Furgonato	05.02>04.09		678	293	480	8-18	A8-A9	5208361	G3724
Transit Custom	Furgonato	09.12>		649	260	745	8-18	A8-A9	1786750	G3420
Transit V	Furgonato	10.11>05.14		893	269	655	10-22	A8-A9	1722219	G3422
HONDA										
CR-V I (RD)	Fuoristrada	02.97>02.02		539	182	185	8-18	A8-A9	04741S10010	G3426
CR-V II (RD)	Fuoristrada	03.02>09.06		550	237	350	8-18	A4-ST	74825SCA003	G3427
CR-V II (RD)	Fuoristrada	03.02>09.06		359	135	115	8-18	A8-A9	74820SCA003	G3742



				L max (mm)	S (mm)	F (N)	DS - DT Ø	AS - AT	OEM	
HONDA										
CR-V III (RE)	Fuoristrada	10.06>06.12		626	210	510	10-22	A8-A7	74820SWAA01	G4261
Jazz II (GD)	2 vol.	03.02>07.08		415	165	520	8-18	A8-A9	04741SAA010	G3681
Jazz III (GE_, GG_, GP_, ZA_)	2 vol.	09.15>		427	141	500	8-18	A8-A3	04741TF0000	G4555
HYUNDAI										
Atos I (MX)	2 vol.	02.98>07.03		604	234	380	8-18	A8-A9	8177002041	G3301
Atos Prime (MX)	2 vol.	08.99>03.04		448	182	470	8-18	A8-A9	8177006000	G3677
Getz I/II (TB)	2 vol.	08.02>06.09		483	190	370	8-18	A8-A9	817701C001	G3680
i10 (PA)	2 vol.	12.07>05.13		465	182	360	8-18	A8-A9	817700X001	G3689
i10 II (BA, IA) [con tergilunotto]	2 vol.	12.13>		442	182	350	8-18	A8-A9	81770B9000	G3744
i20 (PB,PBT)	2 vol.	09.08>11.14		420	161	450	8-18	A8-A9	817704P000	G3750
i20 II (GB, IB)	2 vol.	12.14>		454	182	380	8-18	A8-A9	81770C8010	G3429
i30 I (FD)	2 vol.	10.07>11.11		570	246	310	8-18	A8-A9	817702L201	G3722
i40 CW (VF)	SW	06.11>		667	240	650	8-18	A8-A9	817703Z000	G3432
ix20 (JC)	2 vol.	09.10>		478	162	610	8-18	A8-A9	817701K000	G4012
ix35	SUV	08.09>07.15		484	202	610	8-18	A8-A9	817702Y000	G3430
Santa Fé III (DM)	Fuoristrada	08.12>		497	182	580	8-18	A8-A3	81771-2W000	G3431
Tucson (JM)	Fuoristrada	08.04>03.10		382	150	140	8-18	A8-A9	871702E020	G3428
Tucson (JM)	Fuoristrada	08.04>03.10		515	195	585	8-18	A8-A9	817712	G3732
Tucson (TL, TLE)	Fuoristrada	08.18>09.20		578	199	620	8-18	A7-A3	81770-D7000	G4556
HUMMER										
H2	Fuoristrada	09.02-12.09		667	255	755	10-22	A8-A9	A6399800164	G4262
INFINITI										
Q30/QX30	2 vol.	11.15>		548	193	540	8-18		904505DA0A	G4557
JAGUAR										
E-Pace (X540)	SUV	11.20>		341	108	335	8-18	A8-A9	J9C3-16C826-AA	G4559
E-Pace (X540)	SUV	11.20>		613	231	350	8-18	A8-A9	J9C3-406A10-AA	G4558
XF (X250)	3 vol.	10.07>08.15		450	142	400	8-18	A8-A9	C2Z3481	G3335
XF (X250)	3 vol.	10.07>08.15		348	122	375	8-18	A8-A3	C2Z21500	G3334
XF Sportbrake (X250)	SW	10.07>08.15		450	142	400	8-18	A8-A9	C2Z3481	G3335
X-Type (X400)	3 vol.	03.01>12.09		300	108	460	8-18	A9-A9	C2S1687	G3333
JEEP										
Cherokee (KJ)	Fuoristrada	10.01>04.08		452	185	155	8-18	A8-A9	55360171AD	G3435
Cherokee (KK)	Fuoristrada	05.08>03.13		440	170	150	8-18	A8-A9	57010050AC	G3440
Cherokee (KL)	Fuoristrada	10.13>08.18		636	207	690	8-18	A8-A9	68103066AC	G3441
Compass (MK49)	SUV	08.06>		527	162	535	8-18	A8-A9	5109514AB	G3349
Compass (MP, M6)	SUV	01.16>		530	177	650	8-18	A8-A9	K68242418AA	G4561
Grand Cherokee III (WH,WK)	Fuoristrada	10.04>09.10		348	135	410	8-18	A8-A9	55394472AA	G3433
Grand Cherokee III (WH,WK)	Fuoristrada	10.04>09.10		508	205	585	8-18	A5-A5	55394322AA	G4028
Grand Cherokee IV (WK, WK2)	Fuoristrada	11.10>		567	245	245	8-18	A8-A9	55113748AA	G3437
Grand Cherokee IV (WK, WK2)	Fuoristrada	11.10>		444	162	160	6-15	A9-A9	68083884AA	G3434

Anteriore	Posteriore	Lunotto	A1	A3	A4	A5	A6	A7	A8	A9



				L max (mm)	S (mm)	F (N)	DS - DT Ø	AS - AT	OEM	
JEEP										
Grand Cherokee IV (WK, WK2)	Fuoristrada	11.10>		739	202	700	10-22	A8-A9	55113632AC	G3439
Grand Cherokee IV (WK, WK2)	Fuoristrada	06.10>		739	160	700	8-18	A8-A9	55113632AA	G4560
Renegade (BU, B1)	B-SUV	07.14>		498	182	460	8-18	A8-A9	52017651	G3436
Wrangler III (JK)	Fuoristrada	02.07>		583	240	125	6-15	A8-A9	4589609AA	G3438
KIA										
Ceed (ED)	2 vol.	12.06>05.12		404	162	490	8-18	A8-A9	817801H010	G3735
Ceed (ED)	SW	09.07>09.12		390	149	770	10-22	A8-A9	817701H512	G3748
Ceed II SW (JD)	SW	09.12>07.18		445	169	640	8-18	A8-A9	81770A2200	G4566
Ceed III SW (CD)	SW	03.18>		589	230	415	8-18	A7-A7	81780J7200	G4562
Picanto (SA)	2 vol.	04.04>04.11		479	200	335	8-18	A7-A7	8177007010	G3695
Picanto (TA)	2 vol.	05.11>03.17		371	142	480	8-18	A8-A7	817701Y000	G3442
Picanto (JA)	2 vol.	03.2017>		460	180	300	8-18	A8-A3	81770-G6010	G4565
Sorento I (JC)	SUV	08.02>08.06		564	230	290	8-18	A3-A3	811813E011	G3313
Sorento I (JC)	SUV	08.02>08.06		545	222	620	8-18	A7-A7	817713E021	G3728
Sorento I (JC)	SUV	08.02>08.06		361	142	100	8-18	A8-A3	871703E010	G3317
Soul II (PS)	SUV	02.14>		495	185	380	10-22	A8-A9	81770B2000	G3446
Sportage III (SL)	SUV	09.10>01.16		456	182	570	8-18	A8-A3	817703W000	G3443
Sportage IV (QL, QLE)	SUV	01.16>		546	210	600	8-18	A8-A9	81780F1000	G3447
Stonic (YB)	B-SUV	01.17>		500	205	390	8-18	A7-A3	81770H8010	G4563
Venga (YN)	Space Wagon	10.09>		487	182	530	8-18	A8-A9	817701P000	G3445
XCeed (CD)	B-SUV	06.19>		490	225	490	8-18	A7-A3	81770J7800	G4564
LANCIA										
Beta	3 vol.	04.72>12.82		256	92	280	8-18	A4-A4	823225340	G4096
Dedra I/II (835)	3 vol.	01.89>07.99		266	90	450	8-18	A6-A6	82437256	G4217
Delta III (844)	2 vol.	09.08>		644	265	300	8-18	A8-A9	51809199	G4996
Kappa (838A)	3 vol.	10.94>10.01		280	96	500	8-18	A8-A9	46429507	G4923
Kappa (838B)	SW	07.96>10.01		567	207	410	8-18	A8-A9	46309135	G4924
Lybra (839AX)	3 vol.	07.99>10.05		399	162	280	8-18	A8-A9	46763101	G3562
Lybra (839AX)	3 vol.	07.99>10.05		292	107	380	8-18	A8-A9	46428438	G3563
Lybra (839BX)	SW	07.99>10.05		399	162	280	8-18	A8-A9	46763101	G3562
Lybra (839BX)	SW	07.99>10.05		384	150	560	8-18	A8-A9	46453835	G3564
Musa (350)	Space Wagon	01.04>09.07		473	182	480	8-18	A7-A9	46830389	G4864
Musa II (350)	Space Wagon	10.07>		478	199	580	8-18	A8-A3	51800638	G4865
Phedra (179)	Space Wagon	09.02>11.10		633	235	510	8-18	A8-A9	1489342080	G3534
Phedra (179)	Space Wagon	09.02>11.10		633	242	490	8-18	A8-A9	1489342080	G3545
Y (840A)	2 vol.	11.95>09.03		485	202	320	8-18	A8-A9	7792951	G4952
Y10 (156)	2 vol.	06.85>12.95		598	260	160	8-18	A8-A9	60617400	G4055
Ypsilon I (843)	2 vol.	10.03>04.11		479	190	420	8-18	A8-A7	46817935	G3692
Ypsilon III (846)	2 vol.	05.11>		564	230	290	8-18	A8-A9	51833625	G4285
Zeta (220)	Space Wagon	11.95>08.02		610	215	600	8-18	A8-A9	9626493880	G4922



Anteriore



Posteriore



Lunotto



A1



A3



A4



A5



A6



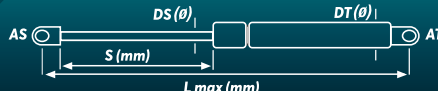
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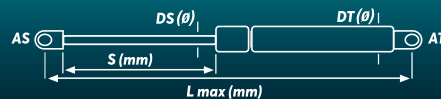
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A9

										
			L max (mm)	S (mm)	F (N)	DS - DT Ø	AS - AT	OEM		
LAND ROVER										
Discovery (L319)	Fuoristrada	07.04>04.17		400	165	230	6-15	A9-A9	LR009106	G3336
Discovery (L319)	Fuoristrada	07.04>04.17		480	182	480	8-18	A9-A9	BHE780060	G3331
Discovery Sport (L550) 	Fuoristrada	12.17>		357	121	295	8-18	A8-A9	LR084691	G4571
Discovery Sport (L550)	Fuoristrada	09.14>		546	149	525	8-18	A8-A9	FK72406A10AB	G3453
Freelander 2 (L359)	Fuoristrada	10.06>10.14		320	121	410	8-18	A8-A9	LR001773	G3756
Freelander 2 (L359)	Fuoristrada	10.06>10.14		539	202	520	8-18	A8-A9	LR030618	G4710
Freelander I (L314)	Fuoristrada	07.97>09.06		676	286	150	8-18	A8-A9	ASR1958	G3451
Range Rover Evoque (L538)	SUV	03.11>12.19		314	102	430	8-18	A8-A9	LR025400	G3448
Range Rover Evoque (L538)	SUV	03.11>12.19		630	202	480	8-18	A8-A9	LR025379	G3449
Range Rover Evoque (L551) 	SUV	12.18>		391	117	345	8-18	A8-A9	LR114627	G4570
Range Rover Evoque (L551) 	SUV	12.18>		567	141	695	8-18	A8-A9	LR114631	G4569
Range Rover IV (L405) 	Fuoristrada	10.13>		581	131	620	8-18	A8-A9	LR034432	G4568
Range Rover Sport (L320)	Fuoristrada	02.05>08.13		535	222	360	8-18	A8-A9	BHE790030	G3332
Range Rover Sport (L320)	Fuoristrada	02.05>08.13		640	210	775	10-22	A8-A9	LR027543	G3450
Range Rover Sport (L494)	Fuoristrada	09.13>		684	222	505	8-18	A8-A9	LR044158	G3452
Range Rover Velar (L560) 	SUV	03.17>		326	108	390	8-18	A8-A9	LR093402	G4572
Range Rover Velar (L560) 	SUV	03.17>		637	178	570	8-18	A8-A9	LR093414	G4567
MAZDA										
2 (DY)	2 vol.	02.03>06.07		565	222	480	8-18	A7-A7	DD1062620A	G3683
2 II (DE)	2 vol.	07.07>12.10		513	182	335	8-18	A8-A9	D65162620	G3745
3 (BK)	2 vol.	10.03>12.09		540	222	390	8-18	A8-A9	BP4K62620F	G3697
3 II (BL)	3 vol.	12.08>07.13		281	102	395	8-18	A8-A9	BBM456930A	G3455
3 III (BM,BN)	2 vol.	08.13>		613	226	375	8-18	A8-A9	BHN96261XA	G3460
6 (GG)	SW	08.02>08.07		513	205	490	8-18	A8-A7	G21B62620G	G3696
6 (6H)	SW	02.08>11.12		518	205	610	10-22	A9-A9	GS2A62620D	G3457
6 (GJ, GL)	SW	12.12>		507	208	620	8-18	A9-A9	GHP962620	G3456
CX3 (DK) 	SUV	05.2015>		525	163	390	8-18	A9-A9	D10E63620A	G4631
CX5 (KE, GH, KF) 	SUV	11.2011>		451	133	660	8-18	A8-ST	KD53-63-620	G4632
MERCEDES										
Classe A (W168)	2 vol.	07.97>08.04		540	230	400	8-18	A7-A7	A1689801164	G4880
Classe A (W169)	2 vol.	09.04>06.12		499	202	430	8-18	A7-A9	A1697400345	G3668
Classe A (W176)	2 vol.	06.12>05.18		527	222	390	8-18	A8-A9	A1769800164	G3653
Classe A (W177) 	2 vol.	06.18>		741	291	170	8-18	A8-A9	177 980 01 00	G4573
Classe A (W177) 	2 vol.	06.18>		485	181	470	8-18	A8-A9	A1779800164	G4579
Classe B (W245)	2 vol.	03.05>11.11		543	222	460	8-18	A7-A7	A1699800864	G3698
Classe B (W246) 	2 vol.	11.14>12.18		520	193	540	8-18	A8-A9	A2429800564	G4578
Classe B (W247) 	2 vol.	12.18>		574	185	570	8-18	A8-A9	A2478905500	G4577
Classe C (S202)	SW	03.96>03.01		485	202	450	8-18	A8-A9	A2029800364	G4987
Classe C (S203)	SW	03.01>08.07		512	202	470	8-18	A8-A9	A2037400045	G3532
Classe C (S204)	SW	09.07>09.14		649	266	320	8-18	A8-A9	A2049800964	G3330

										
Anteriore	Posteriore	Lunotto	A1	A3	A4	A5	A6	A7	A8	A9



				L max (mm)	S (mm)	F (N)	DS - DT θ	AS - AT	OEM	
MERCEDES										
Classe C (S204)	SW	09.07>09.14		473	182	510	8-18	A7-A7	A2047400145	G3749
Classe C (S204)	SW	09.07>09.14		476	190	580	8-18	A8-A9	A2049801164	G3463
Classe C (W204)	3 vol.	09.07>09.14		649	266	320	8-18	A8-A9	A2049800964	G3330
Classe E (S210)	SW	05.95>03.03		325	98	1400	14-28	A3-A3	A0019808064	G3676
Classe E (S212)	SW	01.09>09.16		476	190	580	8-18	A8-A9	A2127400045	G3463
Classe E (W210, S210)	3 vol. / SW	05.95>03.03		460	190	535	8-18	A6-A6	A2108800429	G4986
Classe E (W211)	3 vol.	03.03>12.08		675	285	260	8-18	A8-A9	A2118800029	G3570
Classe E (W211, S211)	3 vol. / SW	03.03>07.09		675	285	260	8-18	A8-A9	A2118800029	G3570
Classe GLA (X156) [senza apertura automatica]	SUV	12.13>		666	252	490	8-18	A7-A7	A1569800164	G3577
Classe GLC (C253) Coupé	Coupé	04.19>		684	273	270	8-18	A8-A9	A2539801264	G4574
Classe GLC (X253)	SUV	09.15>		684	272	270	8-18	A8-A9	A2539801164	G3470
Classe GLC (X253)	SUV	09.15>		646	258	300	8-18	A8-A9	A2539800164	G3469
Classe GLC (X253)	SUV	04.19>		684	273	270	8-18	A8-A9	A2539801264	G4574
Classe GLC (X253)	SUV	04.19>		614	193	560	8-18	A8-A9	A2539800064	G4576
Classe GLK (X204)	SUV	06.08>06.15		610	222	300	8-18	A8-A9	A2049800564	G3467
Classe GLK (X204)	SUV	06.08>06.15		506	202	515	8-18	A8-A9	A2049802664	G3465
Classe M (W163)	Fuoristrada	02.98>06.05		234	70	850	10-22	A3-A8	A1638800029	G3462
Classe M (W163)	Fuoristrada	02.98>06.05		641	268	510	8-18	A7-A7	A1637400345	G3730
Classe M (W164)	Fuoristrada	07.05>07.11		533	222	330	8-18	A7-A9	A1648800029	G3466
Classe M (W164) [senza apertura automatica]	Fuoristrada	07.05>07.11		558	205	725	10-22	A8-A9	A1647400145	G3743
Classe M (W166)	Fuoristrada	06.11>04.15		619	267	250	8-18	A8-A9	A1669802364	G3468
Classe M (W166)	Fuoristrada	06.11>04.15		628	265	600	8-18	A9-A6	A1669802064	G3471
Clis (C219)	Coupé	01.05>12.10		675	285	260	8-18	A8-A9	A2118800029	G3570
Vaneo (414)	Space Wagon	10.01>09.05		695	283	640	8-18	A8-A9	A4149800064	G3473
Viano (W639)	Furgonato	09.03>		667	255	755	10-22	A8-A9	A6399800164	G4262
Vito (W447)	Furgonato	10.14>		680	212	770	8-18	A8-A9	A4479800164	G4575
Vito (W638)	Furgonato	02.96>08.03		772	330	530	10-22	A8-A9	A6389800464	G4934
Vito (W639)	Furgonato	09.03>04.14		667	255	755	10-22	A8-A9	A6399800164	G4262
MG										
ZR	2 vol.	06.01>04.05		600	239	360	8-18	A7-A7	BHE45001	G3611
ZS	3 vol.	07.01>04.05		515	202	445	8-18	A8-A9	BHE140010	G3612
MINI										
Mini Clubman (F54)	SW	07.15>		422	155	345	8-18	A8-A9	51237351356	G3474
Mini Cooper (F55)	2 vol.	09.13>		540	222	450	8-18	A8-A9	51247318896	G3476
Mini Cooper (F55,F56,F57)	2 vol. / Cabrio	09.13>		294	87	500	8-18	A8-A7	51237300567	G3353
Mini Cooper (F56)	2 vol.	12.13>		483	192	425	8-18	A8-A9	51247300845	G3355
Mini Countryman (R60)	SUV	06.10>10.16		294	88	510	8-18	A8-A9	51239802054	G4040
Mini Countryman (R60)	SUV	06.10>10.16		493	182	460	8-18	A8-A9	51249801386	G4264
Mini Countryman One / Cooper (F60)	2 vol.	10.16>		447	174	345	8-18	A7-A7	51237388105	G4581
Mini Countryman One / Cooper (F60)	2 vol.	10.16>		555	159	565	8-18	A7-A7	51247389398	G4580



Anteriore



Posteriore



Lunotto



A1



A3



A4



A5



A6



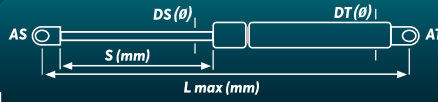
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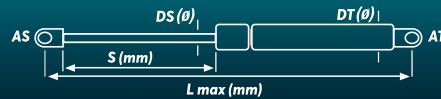
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A9

 										
			L max (mm)	S (mm)	F (N)	DS - DT Ø	AS - AT	OEM		
MINI										
Mini One (R55,R56,R57,R58)	2 vol. / Cabrio	09.06>		241	82	700	8-18	A8-A9	51237148864	G4265
Mini One (R56)	2 vol.	09.06>11.13		495	202	370	8-18	A7-A7	51247148902	G4263
Mini One/Cooper (R50,R52,R53)	2 vol. / Cabrio	06.01>08.06		577	225	270	8-18	A7-A7	51237175020	G3575
Mini One/Cooper (R50,R52,R53)	2 vol. / Cabrio	06.01>08.06		495	208	330	8-18	A7-A7	41626801258	G3576
Mini Paceman (R61)	Coupé	04.12>09.16		496	202	475	8-18	A9-A9	51249808987	G3475
MITSUBISHI										
ASX (GA_W_) 	SUV	11.18>		589	159	640	8-18	A8-A9	9817054180	G4545
NISSAN										
Juke (F15)	SUV	06.10>		648	282	260	8-18	A3-A3	90451BV82A	G4266
Micra II (K11)	2 vol.	08.92>12.00		549	235	290	8-18	A8-A9	904524F228	G4953
Micra III (K12)	2 vol.	01.03>05.10		501	202	360	8-18	A8-A9	90450AX60B	G4890
Micra IV (K13)	2 vol.	06.10>11.16		501	202	380	8-18	A7-A7	904501HB0A	G4267
Micra V (K14)	2 vol.	12.16>		445	170	420	8-18	A8-A9	904505FA1A	G4851
Note I (E11)	Space Wagon	03.06>09.12		583	182	425	8-18	A8-A9	904509U00C	G3723
Note II (E12)	Space Wagon	06.13>		615	230	265	8-18	A8-A9	904503VA0A	G3482
NV200	Furgonato	08.09>		796	252	760	10-22	A8-A9	90450JX00A	G3477
Pixo (UA0)	2 vol.	04.09>		375	146	340	8-18	A8-A9	902114A00D	G3485
Primastar (X83)	Furgonato	03.01>		905	315	780	10-22	A8-A3	9045100QAA	G3586
Qashqai I (J10, JJ10)	SUV	02.07>11.13		518	219	355	8-18	A7-A9	90450JD01C	G3669
Qashqai+2 (J10, JJ10)	SUV	08.08>11.13		502	202	375	8-18	A8-A3	90450EY10A	G3483
Qashqai II (J11)	SUV	02.14>		524	222	425	8-18	A3-A9	904504EA0A	G3648
X-Trail (T31,T32)	Fuoristrada	03.07>11.13		580	222	560	8-18	A3-ST	90450JG40B	G3324
OPEL										
Adam (M13)	2 vol.	10.12>02.19		600	242	255	8-18	A8-A9	132119	G3490
Agila A (H00)	2 vol.	08.03>12.07		643	255	475	8-18	A3-A3	4706265	G3582
Agila A (H00) [destra]	2 vol.	09.00>07.03		643	220	470	10-22	ST-ST	4705436	G3579
Agila A (H00) [sinistra]	2 vol.	09.00>07.03		643	220	470	10-22	ST-ST	4705437	G3578
Agila B (H08)	2 vol.	04.08>07.14		509	210	420	8-18	A8-A9	4708557	G4828
Antara (L07)	Fuoristrada	05.06>12.15		585	252	500	8-18	A3-A3	4814616	G4270
Astra F (51, 52)	SW	09.91>03.98		508	210	550	8-18	A7-A7	132720	G4221
Astra F (53, 54, 58, 59)	2 vol.	09.91>03.98		591	252	350	8-18	A8-A9	132721	G4222
Astra G (F35)	SW	04.98>08.04		571	236	520	8-18	A7-A7	132739	G4224
Astra G (F48, F08)	2 vol.	04.98>03.04		537	230	430	8-18	A8-A9	132677	G4223
Astra H	tutte	03.04>10.09		543	231	310	8-18	A8-A9	1180405	G3739
Astra H (L35)	SW	08.04>10.09		474	195	570	8-18	A8-A9	132757	G3581
Astra H (L48)	2 vol.	03.04>10.09		423	173	450	8-18	A8-A7	132743	G3580
Astra H (L70)	Furgonato	08.05>10.09		474	195	570	8-18	A8-A9	132757	G3581
Astra J	3 vol.	06.12>10.15		440	166	100	6-15	A9-A9	176457	G3489
Astra J (P10)	2 vol.	12.09>10.15		587	222	400	8-18	A8-A9	132016	G4268
Astra K (B16)	2 vol.	06.15>		540	222	345	8-18	A8-A9	39021480	G3486





				L max (mm)	S (mm)	F (N)	DS - DT Ø	AS - AT	OEM	
OPEL										
Corsa A 3/5 porte	2 vol.	09.82>03.93		613	255	630	8-18	A6-A6	132713	G4122
Corsa B 3 porte	2 vol.	03.93>09.00		544	230	370	8-18	A8-A9	132724	G4416
Corsa B 5 porte	2 vol.	03.93>09.00		565	230	360	8-18	A8-A9	132725	G4417
Corsa C (F08, F68)	2 vol.	09.00>12.06		470	195	350	8-18	A8-A9	132670	G4933
Corsa D 3 porte	2 vol.	07.06>08.14		603	252	240	8-18	A7-A7	176414	G3670
Corsa D 5 porte	2 vol.	07.06>08.14		610	262	245	8-18	A8-A9	176413	G3671
Corsa E (X15)	2 vol.	09.14>		603	260	270	8-18	A8-A9	13428038	G3314
Crossland X / Crossland (P17, P2Q0)	SUV	03.17>		733	296	200	8-18	A8-A7	13478957	G4582
Crossland X / Crossland (P17, P2Q0)	SUV	03.17>		415	154	615	8-18	A8-A9	39117353	G4584
Grandland X / Grandland (A18, P1U0)	SUV	06.17>		589	178	525	8-18	A8-A3	9814824980	G4583
Insignia A (G09)	3 vol. / SW	07.08>03.17		721	313	180	8-18	A8-A9	1180016	G4273
Insignia A (G09)	3 vol.	07.08>03.17		499	162	660	8-18	A8-A9	176124	G4271
Insignia A (G09)	SW	07.08>03.17		652	242	750	8-18	A8-A9	176676	G4272
Kadett E (35, 36, 45, 46)	SW	08.84>07.91		700	270	320	8-18	A7-A7	90241995	G4053
Karl (C16)	2 vol.	06.15>03.18		408	142	400	8-18	A3-A3	132126	G3487
Meriva A	Space Wagon	05.03>05.10		539	202	520	8-18	A8-A9	176726	G4710
Meriva B	Space Wagon	06.10>03.17		483	162	700	10-22	A8-A9	0132022	G4269
Mokka	SUV	06.12>		619	252	370	8-18	A3-A3	0132111	G4029
Tigra A (95)	Coupé	07.94>12.00		825	262	355	8-18	A8-A9	132726	G4422
Vectra A (88, 89)	2 vol.	04.88>11.95		473	182	570	8-18	A8-A9	90227934	G4436
Vectra B (31)	SW	08.95>03.02		567	222	540	8-18	A7-A7	132731	G4419
Vectra B (36) 5 porte	2 vol.	08.98>03.02		470	192	600	8-18	A8-A9	132681	G4988
Vectra B (38) 4 porte	3 vol.	08.95>07.98		470	195	560	8-18	A8-A9	132727	G4418
Vectra C 4 porte	3 vol.	04.02>12.08		260	90	520	8-18	A8-A9	176539	G3583
Vectra C GTS	2 vol.	04.02>12.08		475	195	625	8-18	A8-A9	176725	G3584
Vectra C SW	SW	10.03>02.09		576	215	530	8-18	A8-A9	176537	G3585
Vivaro II (J7-F7)	Furgonato	08.01>07.14		905	315	780	10-22	A8-A3	4414419	G3586
Zafira A (F75_)	Space Wagon	04.99>07.05		542	212	590	8-18	A7-A7	132742	G4230
Zafira B (A05)	Space Wagon	07.05>12.12		506	212	610	8-18	A8-A9	132749	G3694
Zafira C (P12)	Space Wagon	01.12>		485	165	660	8-18	A8-A9	132089	G3488
PEUGEOT										
107	2 vol.	06.05>05.14		555	229	305	8-18	A8-A9	8731L0	G3666
108	2 vol.	06.14>		489	202	190	8-18	A3-A3	689500H040	G3655
208	2 vol.	03.12>		467	188	435	8-18	A3-A3	9673083680	G4030
508	SW	11.10>12.18		757	343	390	8-18	A3-A8	792529	G4032
508	SW	11.10>12.18		550	202	715	8-18	A8-A9	8731W3	G4031
2008	SUV	03.13>		377	142	740	8-18	A8-A9	9678317180	G3751
3008	Space Wagon	06.09>08.16		450	182	385	8-18	A8-A9	8731T4	G3761
5008	Space Wagon	06.09>03.17		590	225	590	8-18	A8-A7	8731V2	G4275
1007 (KM)	2 vol.	04.05>		566	222	315	8-18	A8-A9	8731J3	G3713



Anteriore



Posteriore



Lunotto



A1



A3



A4



A5



A6



A7



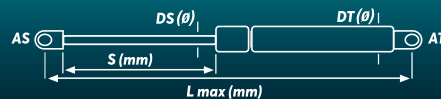
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A9

AS DS (θ)_I S (mm) DT (θ)_I AT L max (mm) HELMER®										
				L max (mm)	S (mm)	F (N)	DS - DT Ø	AS - AT	OEM	
PEUGEOT										
106 I (1A, 1C)	2 vol.	09.91>04.96		600	252	310	8-18	A8-A9	873185	G4214
106 II (1)	2 vol.	05.96>07.03		585	252	300	8-18	A8-A9	8731G0	G3589
205 I-II (741 A/C, 20 A/C)	2 vol. / Cabrio	02.83>09.98		600	252	250	8-18	A8-A9	873155	G3566
206 (2A/C)	2 vol.	08.98>02.07		520	219	360	8-18	A8-A9	8731E6	G4509
206 SW (2E/K)	SW	08.98>02.07		580	230	535	8-18	A8-A9	8731G5	G3590
207 (WA, WC)	2 vol.	02.06>10.13		507	210	335	8-18	A8-A7	8731L7	G3672
207 SW (WK_)	SW	06.07>10.13		507	215	550	8-18	A8-A9	8731Q0	G4437
207 SW (WK_)	SW	06.07>10.13		432	173	120	6-15	A8-A3	8731P8	G3318
208 II (UB_, UP_, UW_, UJ_) 	2 vol.	06.19>		481	185	420	8-18	A8-A9	9827758080	G4589
3008 SUV (MC_, MR_, MJ_, M4_) 	SUV	11.16>		556	179	575	8-18	A8-A9	9811547680	G4587
306 Break (7E, N3, N5)	SW	05.97>04.02		625	265	400	8-18	A8-A9	8731E1	G4510
306 I/II (7A/C) 3/5 porte	2 vol.	06.94>04.01		600	261	300	8-18	A8-A9	873193	G4913
307 (3A/C)	2 vol.	08.00>04.12		455	182	425	8-18	A8-A9	792515	G4989
307 I/II (3E, 3H)	SW	03.02>12.09		493	195	630	8-18	A8-A9	8731F8	G3591
308 I (4A , 4C)	2 vol.	09.07>10.14		455	182	440	8-18	A8-A9	8731Q6	G3719
308 II	2 vol.	09.13>06.21		500	210	410	8-18	A3-A3	9807899380	G4241
308 SW (4R, 4H) [lunotto fisso]	SW	09.07>10.14		532	210	620	8-18	A8-A9	8731Q7	G3720
308 SW II (LC_, LJ_, LR_, LX_, L4_) 	SW	03.14>06.21		507	183	535	8-18	A8-A9	9800377380	G4588
4007 (GP)	Fuoristrada	02.07>03.13		492	202	420	8-18	A8-A9	8731Q1	G4274
405 I/II Break (15E, 4E)	SW	10.88>10.96		418	162	700	8-18	A8-A9	8731.83	G4511
406 Break (8E/F)	SW	10.96>10.04		557	222	550	8-18	A8-A9	8731C5	G4519
406 I/II (8B)	3 vol.	10.95>03.99		491	190	230	8-18	A8-A9	8731A7	G4518
406 II (8B)	3 vol.	04.99>01.05		447	172	250	8-18	A8-A9	8731E9	G3592
407 (6D)	3 vol.	05.04>12.10		321	122	470	8-18	A8-A9	8731K4	G3596
407 (6E)	SW	05.04>12.10		376	145	615	8-18	A8-A9	8731J6	G3595
5008 II (MC_, MJ_, MR_, M4_) 	Space Wagon	12.16>		664	249	455	8-18	A8-A9	90 124 462 80	G4586
806 (221)	Space Wagon	11.95>08.02		610	215	600	8-18	A8-A9	8731A3	G4922
807 (E)	Space Wagon	06.02>		633	235	510	8-18	A8-A9	8731G6	G3534
Bipper (AA)	Furgonato	02.08>		600	222	670	8-18	A8-A9	1608899680	G4258
Expert II (VF3A, VF3U, VF3X)	Furgonato	01.07>		700	175	1050	10-22	A8-A9	8731P5	G4257
Expert III (V_) 	Furgonato	04.16>		672	275	700	8-18	A8-A9	9813193480	G4585
Partner I Ranch (5F)	Space Wagon	05.96>10.02		700	305	660	8-18	A8-A9	8731E0	G3530
Partner II Ranch (5F)	Space Wagon	11.02>05.08		700	305	660	8-18	A8-A9	8731E0	G3530
Partner Ranch III Teepee [lunotto fisso]	Space Wagon	04.08>		622	230	580	8-18	A8-A9	8731R9	G4252
PORSCHE										
911 	Coupé	04.16>		295	95	315	8-18	A8-A9	99151155100	G4592
718 Boxster (982) 	Coupé	04.16>		295	95	315	8-18	A8-A9	99151155100	G4592
718 Boxster (982) 	Coupé	04.16>		206	51	530	8-18	A8-A3	98151255102	G4594
718 Cayman (982) 	Coupé	04.16>		295	95	315	8-18	A8-A9	99151155100	G4592
Boxster I (987)	Cabrio	08.04>01.10		196	57	500	8-18	A9-A9	98751255105	G3329

										
Anteriore	Posteriore	Lunotto	A1	A3	A4	A5	A6	A7	A8	A9

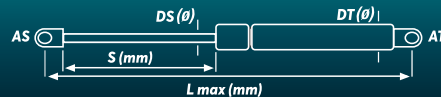


				L max (mm)	S (mm)	F (N)	DS - DT Ø	AS - AT	OEM	
PORSCHE										
Cayenne (92A) NEW	Fuoristrada	06.10>05.17	F	556	228	240	8-18	A7-A9	95851135900	G4591
Cayenne (955, 9PA)	Fuoristrada	08.02>10.05	F	585	252	260	8-18	A8-A9	95551135900	G3493
Cayenne (955, 9PA)	Fuoristrada	08.02>10.05	G	227	62	790	8-18	A8-A9	95551252800	G3327
Cayenne (955, 9PA)	Fuoristrada	01.07>05.10	F	585	252	260	8-18	A8-A9	95551135900	G3493
Cayenne (955, 9PA)	Fuoristrada	01.07>05.10	R	633	235	510	8-18	A8-A9	95851255000	G3534
Cayenne (9YA) NEW	Fuoristrada	05.17>	F	282	86	410	8-18	A8-A9	9Y0823359	G4593
Cayman (987) NEW	Coupé	07.06>06.13	R	633	216	550	8-18	A8-A3	98751255106	G4590
Cayman II NEW	Coupé	04.16>	F	295	95	315	8-18	A8-A9	99151155100	G4592
Panamera (970)	Coupé	04.09>10.16	F	512	182	175	8-18	A8-A9	97051157100	G3494
Panamera (970)	Coupé	04.09>10.16	R	644	222	560	8-18	A9-A9	97051257100	G3495
RENAULT										
Captur (J5)	2 vol.	06.13>	F	377	149	280	8-18	A8-A9	654709991R	G3498
Captur (J5)	2 vol.	06.13>	R	476	197	620	10-22	A3-A3	844301324R	G4314
Clio I (B/C57)	2 vol.	01.91>08.98	R	474	190	420	8-18	A8-A9	7700810554	G4228
Clio I (B/C57-5/357)	2 vol.	05.90>09.98	R	474	195	390	8-18	A8-A9	7700800311	G4220
Clio II (B/C/B0/1/CB0_)	2 vol.	03.98>05.05	R	412	165	340	8-18	A8-A9	7700842256	G4225
Clio III (BR0/1, CR0/1)	2 vol.	06.05>10.12	R	450	185	385	8-18	A3-A3	8200299546	G3673
Clio IV	Furgonato	11.12>	R	473	184	510	8-18	A3-A3	844308661R	G4231
Clio IV (BH)	2 vol.	11.12>	F	423	162	570	8-18	A8-A9	654703934R	G3306
Clio IV (BH)	2 vol.	11.12>	R	473	184	510	8-18	A3-A3	844308661R	G4231
Clio IV Grandtour (KH_)	SW	01.13>	F	423	162	570	8-18	A8-A9	654703934R	G3306
Clio V (B7_) NEW	2 vol.	06.19>	R	499	180	360	8-18	A8-A9	904508213R	G4596
Grand Modus	2 vol.	12.04>12.13	R	534	202	515	8-18	A3-A3	8200665709	G3674
Grand Scenic II (JM0/1) [lunotto fisso]	Space Wagon	04.04>11.06	R	519	182	625	8-18	A8-A9	8200377199	G3607
Grand Scenic II (JM0/1) [lunotto fisso]	Space Wagon	04.04>11.06	G	363	147	135	6-15	A8-A3	8200130187	G3316
Grand Scenic III (JZ0/1) [lunotto fisso]	Space Wagon	02.09>	R	664	252	535	8-18	A3-A3	700510524B0	G4013
Grand Scénic III (JZ0_)	Space Wagon	02.09>	F	265	94	355	8-18	A8-A9	654700008R	G3305
Kadjar (HA,HL)	SUV	06.15>	R	418	162	565	8-18	A9-A9	904516026R	G3499
Kangoo Express I (FC0/1)	Furgonato	06.97>06.03	R	690	300	630	10-22	A8-A9	7700303186	G4310
Kangoo Express II (FC0/1)	Furgonato	07.03>09.07	R	690	300	630	10-22	A8-A9	7700303186	G4310
Kangoo Express III (KW0/1)	Furgonato	10.07>	R	829	305	640	8-18	A7-A7	8200497806	G3762
Kangoo I (KC0/1)	Space Wagon	06.97>06.03	R	690	300	630	10-22	A8-A3	7700303186	G4310
Kangoo II (KC0/1)	Space Wagon	07.03>09.07	R	690	300	630	10-22	A8-A9	7700303186	G4310
Kangoo III (KW0/1)	Space Wagon	10.07>	R	829	305	640	8-18	A7-A7	8200497806	G3762
Laguna I (B56_, 556)	2 vol.	12.93>02.01	R	595	215	470	8-18	A8-A9	7700842152	G4818
Laguna II (BG0/1) [con spoiler]	2 vol.	03.01>09.07	R	513	214	535	8-18	A8-A9	8200000902	G3599
Laguna II Grandtour (KG0/1) [lunotto fisso]	SW	03.01>09.07	R	530	230	110	8-18	A8-A9	8200000896	G3601
Laguna III (BT0/1)	2 vol.	10.07>12.15	R	497	202	610	8-18	A8-A9	844300001R	G3757
Laguna III Sportour (KT0/1) [lunotto fisso]	SW	10.07>12.15	R	569	230	620	8-18	A7-A7	904600001R	G3746
Megane I Berlina (BA0/1)	2 vol.	08.95>08.03	R	439	162	480	8-18	A8-A9	7700828451	G4817



AS DS (θ)_I S (mm) DT (θ)_I AT L max (mm) HELMER®										
				L max (mm)	S (mm)	F (N)	DS - DT Ø	AS - AT	OEM	
RENAULT										
Megane I Classic (LA0/1)	3 vol.	09.96>08.03		300	110	420	8-18	A8-A9	7700838612	G3602
Megane I Grandtour (KA0/1)	SW	03.99>09.03		465	186	425	8-18	A8-A9	7700418621	G3603
Megane I Scenic (JA0/1) [lunotto fisso]	Space Wagon	01.97>10.99		597	252	515	8-18	A8-A9	7700828454	G4811
Megane II (BM0/1-CM0/1)	2 vol.	11.02>10.08		419	165	500	8-18	A8-A9	8200051750	G3604
Megane II (KM0/1) [lunotto fisso]	SW	08.03>12.09		546	230	505	8-18	A8-A7	8200119498	G3606
Megane II (LM)	3 vol.	09.02>10.08		345	131	350	8-18	A8-A9	8200119497	G3605
Megane III (BZ0_)	2 vol.	11.08>08.15		664	291	315	8-18	A8-A9	654710003R	G3307
Megane III (BZ0_)	2 vol.	11.08>08.15		432	162	600	8-18	A8-A9	904510001R	G4997
Megane III Grandtour (KZ0/1)	SW	11.08>08.15		482	202	735	8-18	A8-A9	844300009R	G4998
Modus (F/JP0_)	2 vol.	12.04>12.13		534	202	515	8-18	A3-A3	8200219322	G3674
Scenic I (JA0/1) [lunotto fisso]	Space Wagon	09.99>06.03		597	252	515	8-18	A8-A9	7700828454	G4811
Scenic II (JM0/1) [lunotto fisso]	Space Wagon	06.03>11.09		519	182	625	8-18	A8-A9	8200377199	G3607
Scénic II (JM0/1)	Space Wagon	06.03>11.09		363	147	135	6-15	A8-A3	8200130187	G3316
Scenic III (JZ0/1)	Space Wagon	02.09>12.11		528	202	600	8-18	A8-A9	904500004R	G4276
Super 5 (B/C40_)	2 vol.	10.84>12.96		700	300	210	8-18	A8-A9	7702144629	G4121
Trafic II (JL-FL)	Furgonato	03.01>		905	315	780	10-22	A8-A3	8200162697	G3586
Twingo I (C06)	2 vol.	02.93>06.07		452	182	740	8-18	A8-A9	7700815135	G4821
Twingo II (CNO)	2 vol.	08.07>08.14		386	152	455	8-18	A8-A9	8200385560	G3717
Twingo III (BCM_, BCA_) 	2 vol.	09.14>		507	205	330	8-18	A8-A9	904518604R	G4595
ROVER										
25 (RF)	2 vol.	09.99>05.05		600	239	360	8-18	A7-A7	BHE45001	G3611
45 (RT)	3 vol.	02.00>05.05		515	202	445	8-18	A8-A9	BHE140010	G3612
200 (RF)	2 vol.	11.95>03.00		600	239	360	8-18	A7-A7	BHE45001	G3611
400 (RT)	3 vol.	05.95>03.00	^a	515	202	445	8-18	A8-A9	BHE140010	G3612
SEAT										
Alhambra (7V8, 7V9)	Space Wagon	08.00>03.10		455	188	380	8-18	A8-A9	7M3823359A	G3644
Alhambra (7V8, 7V9)	Space Wagon	04.96>03.10		593	215	800	10-27	A6-A6	7M0827550G	G3616
Altea (5P1)	Space Wagon	03.04>		500	202	420	8-18	A8-A9	5P0827550A	G3618
Arosa (6H1)	2 vol.	05.97>06.04		500	211	350	8-18	A8-A7	8L0823359	G4002
Ateca (KH7, KHP) 	SUV	06.16>		578	198	580	8-18	A8-A9	575827550	G4598
Cordoba I (6K2, C2)	3 vol.	11.95>12.99		287	101	330	8-18	A8-A9	6K5827550A	G4003
Cordoba I/II Vario (6K5)	SW	09.96>06.99		500	210	480	8-18	A8-A9	6K0827550	G4995
Cordoba III (6L2)	3 vol.	10.02>07.09		287	100	600	8-18	A8-A9	6L5827550B	G3619
Exeo (3R2)	3 vol. / SW	12.08>05.13		298	81	700	8-18	A8-A9	8E5827552J	G4245
Exeo (3R2, 3R5)	3 vol. / SW	12.08>05.13		713	309	330	8-18	A7-A7	8E0823359A	G3512
Ibiza I (021A)	2 vol.	06.84>12.93		696	293	220	8-18	A1-A4	X039503120	G4001
Ibiza II (6K1)	2 vol.	12.93>08.99		526	222	350	8-18	A8-A9	6K6827550	G4927
Ibiza III (6K1) 3-5p	2 vol.	08.99>02.02		526	222	350	8-18	A8-A9	6K6827550	G3620
Ibiza IV (6L1) 3-5 p	2 vol.	02.02>05.08		500	210	470	8-18	A8-A9	6L6827550B	G3621
Ibiza V (6J5)	2 vol.	03.08>11.15		560	235	290	8-18	A8-A9	6J4827550B	G3763

										
Anteriore	Posteriore	Lunotto	A1	A3	A4	A5	A6	A7	A8	A9



				L max (mm)	S (mm)	F (N)	DS - DT Ø	AS - AT	OEM	
SEAT										
Leon I (1M1)	2 vol.	11.99>08.05		500	205	450	8-18	A8-A7	1M6827550A	G3623
Leon II (1P1)	2 vol.	09.05>10.12		500	195	340	8-18	A8-A9	1P0827550A	G3721
Leon III (5F1)	2 vol.	11.12>		494	196	410	8-18	A8-A9	5F4827550A	G3507
Marbella (028)	2 vol.	08.96>10.98		550	230	240	8-18	A4-A4	X0.39661930	G4092
Mii (KF1_)	2 vol.	10.11>07.19		363	142	390	8-18	A8-A9	1ST827550B	G4033
Toledo I (1L2)	2 vol.	01.91>03.99		515	202	500	8-18	A8-A9	1L0827550	G4006
Toledo II (1M2)	3 vol.	04.99>05.06		279	100	530	8-18	A8-A9	1M5827550B	G4991
Toledo III (5P2) 5 porte	2 vol.	04.04>05.09		869	375	240	10-22	A3-A3	5P5827550A	G3625
SKODA										
Fabia (6Y2)	2 vol.	12.99>03.08		440	181	600	8-18	A8-A9	6Y0827550C	G3628
Fabia (6Y3)	3 vol.	10.99>12.07		279	100	490	8-18	A8-A9	6Y5827550A	G3522
Fabia Combi (6Y5)	SW	01.00>12.07		440	181	600	8-18	A8-A9	6Y0827550C	G3628
Fabia II (542, 545)	2 vol. / SW	12.06>11.14		492	197	440	8-18	A8-A9	5J6827550B	G3710
Fabia III (NJ3)	2 vol.	08.14>		498	202	420	8-18	A8-A9	6V6827550	G3520
Felicia I (6U1)	2 vol.	10.94>06.01		527	215	450	8-18	A7-A7	6U0827551B	G3629
Felicia I (6U5)	SW	07.95>06.01		527	215	450	8-18	A7-A7	6U0827551B	G3629
Kamii (NW4)	B-SUV	07.19>		642	247	385	8-18	A7-A9	658 827 550 A	G4599
Karoq (NU7, ND7)	SUV	07.17>		621	200	570	8-18	A8-A9	57A827550B	G4600
Kodiaq (NS7, NV7, NS6)	SUV	10.16>		394	141	320	8-18	A8-A9	565823359	G4602
Kodiaq (NS7, NV7, NS6)	SUV	10.16>		588	227	440	8-18	A8-A7	565 827 550	G4601
Octavia (1U2)	2 vol.	09.96>12.10		493	202	500	8-18	A7-A7	1U6827550E	G4229
Octavia (1Z3)	3 vol.	02.04>11.12		584	252	440	8-18	A7-A7	1Z5827550	G3702
Octavia Combi (1U5)	SW	07.98>12.10		403	162	580	8-18	A8-A9	1U9827550B	G3630
Octavia III (5E3,NL3,NR3)	2 vol.	11.12>		500	205	575	8-18	A8-A9	5E5827550	G3509
Roomster (5J)	Space Wagon	06.06>05.15		420	162	600	8-18	A8-A9	5J7827550	G3510
Superb II (3T4)	2 vol.	05.08>05.15		540	214	650	8-18	A7-A7	3T5827550	G3517
Superb II (3T4,3T5)	2 vol. / SW	05.08>05.15		730	310	315	8-18	A8-A9	3T0823359	G3346
Yeti (5L)	Fuoristrada	05.09>12.17		525	218	490	8-18	A8-A9	5L6827550	G4034
SMART										
City-Coupé (450)	Coupé	07.98>01.04		305	109	130	6-15	A6-A6	00000618V007000000	G3572
Forfour (453)	2 vol.	11.14>		479	200	450	8-18	A3-A3	A4539800164	G3573
Fortwo-Coupé (450)	Coupé	01.04>01.07		305	109	130	6-15	A6-A6	00000618V007000000	G3572
Fortwo (451)	Coupé	01.07>10.14		445	176	90	8-18	A8-A9	A4547400145	G3685
Fortwo (453)	Coupé	11.14>		408	162	135	8-18	A9-A9	A4539800064	G3539
SUBARU										
Justy III (G3X)	2 vol.	09.03>		548	235	280	8-18	A8-A9	8185086G00	G3711
SUZUKI										
Alto (GF)	2 vol.	01.09>		375	146	340	8-18	A8-A9	81850M68K00	G3485
Ignis II (MH)	Fuoristrada	09.03>		548	235	280	8-18	A8-A9	8186086G00000	G3711
Jimny (SN)	Fuoristrada	08.98>07.18		450	182	150	8-18	A5-A5	81851-81A02	G3541



Anteriore



Posteriore



Lunotto



A1



A3



A4



A5



A6



A7



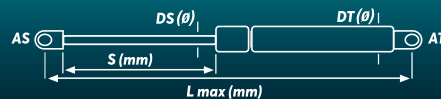
A8



A9

AS DS (θ)_I S (mm) L max (mm) DT (θ)_I AT HELMER®										
			L max (mm)	S (mm)	F (N)	DS - DT Ø	AS - AT	OEM		
SUZUKI										
Jimny (A6G) 	Fuoristrada	07.18>		461	148	280	8-18	A8-A9	81850-77R00	G4605
Splash (EX)	2 vol.	01.08>		509	210	420	8-18	A8-A9	8185051811000	G4828
Swift III (FZ,NZ)	2 vol.	09.10>		511	217	270	8-18	A8-A9	8185068840	G3536
Swift III (MZ, EZ)	2 vol.	02.05>09.10		445	170	420	8-18	A8-A9	8180162811000	G4851
Swift VI	2 vol.	04.17>		538	211	245	8-18	A8-A9	81850-52R00	G4603
SX4 (GY)	Fuoristrada	06.06>		440	162	420	8-18	A7-A7	8186079J00000	G3688
SX4 S-CROSS (JY) 	B-SUV	08.16>		473	176	405	8-18	A8-ST	81850-61M00	G4604
Wagon R I (MM) [destra]	2 vol.	09.00>07.03		643	220	470	10-22	ST-ST	8185075F00000	G3579
Wagon R I (MM) [sinistra]	2 vol.	09.00>07.03		643	220	470	10-22	ST-ST	8186075F00000	G3578
Wagon R II (MM)	2 vol.	08.03>08.05		643	255	475	8-18	A3-A3	8185084E00000	G3582
TOYOTA										
Auris (_E15_)	2 vol.	10.06>03.12		444	170	455	8-18	A8-A9	6895002090	G3758
Avenis II (T25)	SW	04.03>11.08		448	182	555	8-18	A8-A9	6896009150	G3712
Aygo I (WNB1, KGB1)	2 vol.	06.05>06.14		555	229	305	8-18	A8-A9	689500H010	G3666
Aygo (B4)	2 vol.	07.14>		566	234	170	8-18	A8-A9	689500H030	G3542
C-HR (X1)	Coupé	10.16>		537	222	470	8-18	A9-A9	68950F4050	G3543
Corolla Verso I (_E12)	Space Wagon	01.01 >04.04		509	173	545	8-18	A8-A9	689600W091	G3715
Corolla Verso II (ZER,ZZE,R1)	Space Wagon	04.04>04.09		531	182	545	8-18	A8-A9	689500F012	G3755
IQ (KPJ1, KGJ1, NUJ1)	2 vol.	01.09>12.15		338	122	365	8-18	A8-A9	689500W561	G4283
Yaris I (P1) [destra]	2 vol.	04.99>08.05		505	200	255	8-18	ST-ST	6895009111	G3201
Yaris I (P1) [sinistra]	2 vol.	04.99>08.05		505	200	255	8-18	ST-ST	6895009120	G3202
Yaris II (P9)	2 vol.	11.05>01.09		429	170	390	8-18	A8-A9	689600D012	G3675
Yaris III (P9)	2 vol.	02.09>07.11		429	170	390	8-18	A8-A9	689600D012	G3675
Yaris IV (P13)	2 vol.	08.11>		416	162	405	8-18	A3-A3	689500W661	G4035
VOLKSWAGEN										
Beetle (5C1,5C2)	2 vol.	04.11>07.19		686	272	550	8-18	A8-A9	5C5827550C	G3557
Bora (1J2)	3 vol. / SW	10.98>06.06		500	211	350	8-18	A8-A7	8L0823359	G4992
Bora (1J2)	3 vol.	10.98>06.06		279	100	490	8-18	A8-A9	3B5827550E	G3522
Bora Variant (1J6)	3 vol. / SW	02.99>05.05		500	211	350	8-18	A8-A7	8L0823359	G4992
Bora Variant (1J6)	SW	02.99>05.05		500	211	500	8-18	A8-A9	1J6827550E	G4085
Caddy III/IV	Furgonato	02.04>05.15		404	162	460	8-18	A8-A9	1T0823359A	G3337
Caddy III/IV	Furgonato	02.04>05.15		719	280	870	10-22	A8-A8	2K0827550A	G3338
Caddy IV (SAA, SAH) 	Furgonato	05.15>09.20		713	179	830	8-18	A8-A9	2K0 827 550 B	G4606
Eos (1F7,1F8) [senza spoiler]	Cabrio	03.06>08.15		499	210	375	8-18	A8-A7	1Q0827550B	G3642
Fox (5Z1)	2 vol.	04.05>12.11		465	193	360	8-18	A8-A7	5Z6827550B	G3704
Golf I/II Plus (5M1, 521)	2 vol.	01.05>12.13		479	200	550	8-18	A8-A9	5M0827550A	G3705
Golf II (19E, 1G1)	2 vol.	06.84>10.91		500	210	270	8-18	A8-A9	191827550B	G4082
Golf III (1HX)	2 vol.	10.91>08.97		500	211	350	8-18	A8-A9	1H6827550A	G4216
Golf III Cabrio (1E7)	Cabrio	01.98>01.01		500	211	350	8-18	A8-A7	8L0823359	G4992
Golf IV (1J)	3 vol. / SW	10.98>06.06		500	211	350	8-18	A8-A7	8L0823359	G4992

										
Anteriore	Posteriore	Lunotto	A1	A3	A4	A5	A6	A7	A8	A9



				L max (mm)	S (mm)	F (N)	DS - DT °	AS - AT	OEM	
VOLKSWAGEN										
Golf IV (1J1)	2 vol.	08.97>10.03		500	211	500	8-18	A8-A7	1J6827550C	G4083
Golf IV Variant (1j5)	SW	08.97>06.06		500	211	500	8-18	A8-A9	1J6827550E	G4085
Golf V (1K1)	2 vol.	10.03>02.09		730	325	250	8-18	A7-A7	1K0823359A	G3701
Golf V (1K1)	2 vol.	10.03>02.09		450	182	535	8-18	A8-A7	1K6827550F	G3632
Golf VI (5K1)	2 vol.	10.08>10.12		730	325	265	8-18	A8-A9	5K0823359C	G3741
Golf VI (5K1)	2 vol.	10.08>10.12		439	173	550	8-18	A8-A9	5K6827550D	G3737
Golf VII (5G1, BE1)	2 vol.	08.12>		532	202	520	8-18	A8-A3	5G6827550C	G4037
Golf VII (5G1, BE1, BA5)	2 vol. / SW	11.12>		779	351	285	8-18	A8-A9	5G0823359	G4041
Lupo (6X, 6E)	2 vol.	05.97>06.04		500	211	350	8-18	A8-A7	6E0823359D	G4002
Lupo (6X, 6E)	2 vol.	09.98>07.05		500	210	365	8-18	A8-A9	6E0827550B	G4084
Multivan V (7H_, 7E_)	Space Wagon	04.03>08.15		755	220	1080	10-27	A8-A7	7H0827550B	G3310
Multivan V (7HM, 7HN, 7HF, 7EF, 7EM, 7EN)	Space Wagon	04.03>08.15		390	156	360	8-18	A8-A9	7E0823359	G3309
New Beetle (9C1, 1C1)	2 vol.	01.98>06.05		600	261	330	8-18	A8-A9	1C0827550F	G3633
Passat (362)/ Variant (365)/ Alltrack (365)	3 vol. / SW	08.10>12.14		734	322	320	8-18	A8-A9	3AA823359A	G3342
Passat Alltrack (3G5)	SW	05.15>		585	206	600	8-18	A8-A9	3G9827550A	G3546
Passat CC (357) / (358)	Coupé	06.08>12.16		693	287	380	8-18	A8-A9	3C8823359	G3343
Passat CC (357) / (358)	Coupé	06.08>12.16		411	170	30	6-15	A9-A9	3C8827550	G3344
Passat III Variant (3A5, 35I)	SW	04.88>05.97		514	215	500	8-18	A8-A9	3A9827550	G4022
Passat IV (3B2)	3 vol.	08.96>11.00		279	100	490	8-18	A8-A9	8D5827552F	G3522
Passat IV (3B2, 3B5)	3 vol.	08.96>11.00		722	309	280	8-18	A7-A7	3B0823359B	G3637
Passat IV Variant (3B5)	SW	08.96>11.00		500	211	500	8-18	A8-A7	1J6827550C	G4083
Passat V (3B3)	3 vol.	09.00>05.05		279	100	520	8-18	A8-A9	3C5827550C	G4993
Passat V (3B3, 3B6)	3 vol.	09.00>05.05		722	309	280	8-18	A7-A7	3B0823359B	G3637
Passat V Variant (3B6)	SW	10.00>08.05		500	211	500	8-18	A8-A9	1J6827550C	G4085
Passat VI (3C2)	3 vol.	03.05>07-10		374	147	420	8-18	A7-A7	3AE827550A	G3707
Passat VI Variant (3C5)	SW	08.05>07.10		453	182	580	8-18	A8-A7	3AF827550B	G3706
Passat VII (3G2)	3 vol.	08.14>		724	316	340	8-18	A8-A9	3G0823359	G3345
Passat VII (3G2)	3 vol.	08.14>		363	142	80	8-18	A8-A9	3G5827550	G3561
Passat VII Variant (3G5)	SW	08.14>		724	316	340	8-18	A8-A9	3G0823359	G3345
Passat VII Variant (3G5)	SW	08.14>		585	206	600	8-18	A8-A9	3G9827550A	G3546
Polo II (86C)	2 vol.	07.90>09.94		507	215	550	8-18	A8-A9	867827550D	G4021
Polo III (6N1, 6N2)	2 vol.	10.94>09.01		431	177	330	8-18	A8-A9	6N0827550A	G4019
Polo III Classic (6K2)	3 vol.	11.95>12.99		287	101	330	8-18	A8-A9	6K5827550A	G4003
Polo III Variant (6V5)	SW	05.97>09.01		500	210	480	8-18	A8-A9	6K0827550	G4995
Polo IV (9N [senza spoiler])	2 vol.	10.01>05.08		499	210	375	8-18	A8-A7	6Q6827550	G3642
Polo IV (9N)	2 vol.	10.01>05.08		500	210	310	8-18	A8-A3	6Q0823359C	G3641
Polo VI (6R)	2 vol.	06.09>08.21		526	222	325	8-18	A8-A9	6R6827550A	G4277
Sharan (7M)	Space Wagon	08.00>03.10		455	188	380	8-18	A8-A9	7M3823359A	G3644
Sharan I/II/III (7M)	Space Wagon	09.95>03.10		593	215	800	10-27	A6-A6	7M0827550G	G3616
Tiguan (5N)	SUV	09.07>12.15		521	202	475	8-18	A8-A9	5N0827550	G3747





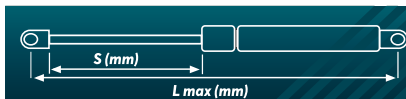
				L max (mm)	S (mm)	F (N)	DS - DT Ø	AS - AT	OEM	
VOLKSWAGEN										
Tiguan (AD1, AX1)	SUV	05.16>		627	186	670	8-18	A8-A9	5NA827550B	G4608
Touareg (7P5, 7P6)	SUV	01.10>03.18		655	269	320	8-18	A8-A9	7P6823359A	G4607
Touareg (7P5, 7P6)	SUV	06.10>03.18		655	280	320	8-18	A8-A9	7P6823359	G3559
Touareg (7P5, 7P6)	SUV	06.10>03.18		594	230	605	8-18	A8-A9	7P6827550	G3560
Touareg I/II (7LA, 7L6, 7L7) [lunotto apribile]	SUV	10.02>05.10		317	102	550	8-18	A8-A9	7L6845587A	G3703
Touareg I/II (7LA, 7L6, 7L7)	SUV	10.02>05.10		539	210	125	8-18	A8-A9	7L6823359B	G3311
Touran (1T3)	Space Wagon	05.10>05.15		489	155	910	10-22	A8-A8	1T0827550H	G3558
Touran I/II I519(1T1, 1T2)	Space Wagon	02.03>05.10		404	162	460	8-18	A8-A9	1T0823359A	G3337
Touran I/II I519(1T1, 1T2)	Space Wagon	02.03>05.10		505	170	770	8-18	A7-A7	1T0827550C	G3649
Transporter IV (70XA) [con tergilunotto]	Furgonato	01.90>07.95		686	255	770	10-27	A8-A9	7D0829331E	G4240
Transporter IV T4 (70XB) [con tergilunotto]	Furgonato	01.90>07.95		686	255	770	10-27	A8-A9	7D0829331E	G4240
Transporter T5 V (7HA, 7EA)	Furgonato	04.03>11.09		755	220	970	10-22	A7-A7	7H0827550	G3725
Transporter V (7H_, 7E_)	Furgonato	09.09>08.15		390	156	360	8-18	A8-A9	7E0823359	G3309
Transporter V (7H_, 7E_)	Furgonato	09.09>08.15		755	220	1080	10-27	A8-A7	7H0827550B	G3310
T-Roc (A11, D11)	B-SUV	11.17>		572	184	620	8-18	A8-A9	2GA827550A	G4609
Up (121, 122, BL1, BL2)	2 vol.	05.12>		363	122	470	8-18	A8-A9	1S6827550D	G4036
VOLVO										
S40 II (MS)	3 vol.	01.04>12.12		325	115	350	8-18	A8-A9	31297829	G3652
S60 II (134)	3 vol.	04.10>05.18		295	108	380	8-18	A8-A9	31278769	G3341
S60 II (134)	3 vol.	04.10>05.18		547	235	260	8-18	A8-A9	31333127	G4278
S80 II (124)	3 vol.	10.10>12.16		284	102	450	8-18	A8-A9	30649516	G3339
V40 (VW)	SW	07.95>06.04		602	262	320	8-18	A7-A7	30803472	G4208
V50 (MW)	SW	07.04>12.12		431	170	470	8-18	A8-A9	31278322	G3731
V60 (155, 157)	SW	11.10>05.18		295	108	380	8-18	A8-A9	31278769	G3341
V60 (155, 157)	SW	11.10>05.18		562	215	445	8-18	A8-A9	31395910	G3568
V70 II (285)	SW	03.00>08.07		320	100	1200	10-27	A6-A6	30799161	G3656
V70 III (135)	SW	07.07>12.16		284	102	450	8-18	A8-A9	30649516	G3339
XC40 (536)	SUV	09.18>		466	149	260	8-18	A8-A9	32206883	G4623
XC40 (536)	SUV	09.18>		616	173	620	8-18	A8-A9	31457835	G4610
XC60 (156)	SUV	05.08>02.17		285	102	400	8-18	A9-A9	30784935	G3567
XC60 (156) [senza apertura automatica]	SUV	05.08>02.17		564	165	620	10-22	A3-A3	31365719	G4279
XC70 Cross Country (295)	SW	03.00>08.07		320	100	1200	10-27	A6-A6	30799161	G3656
XC70 II (136)	SW	08.07>12.16		284	102	450	8-18	A8-A9	30649516	G3339
XC90 (275)	SUV	10.02>02.14		510	202	320	8-18	A7-A7	30649736	G3765
XC90 (275)	SUV	10.02>02.14		469	194	380	8-18	A8-A9	31218511	G3729
XC90 II (256)	SUV	10.17>		367	121	470	8-18	A8-A9	31425788	G4624
XC90 II (256)	SUV	10.17>		573	155	710	8-18	A3-A3	31420214	G4622

ATTACCHI UNIVERSALI PER UTILIZZO INDUSTRIALE/INDUSTRIAL USE UNIVERSAL CONNECTORS

Codice G0001		Codice G0002	
Attacco Occhiello/Eyelet Connection		Attacco Occhiello/Eyelet Connection	
Filettatura M8/M8 Thread		Filettatura M6/M6 Thread	
Foro ø 8 mm/Hole 8 mm		Foro ø 8 mm/Hole 8 mm	
Blister da 2 pz./Packaging 2 Pcs.		Blister da 2 pz./Packaging 2 Pcs.	



L max (mm)	S (mm)	F (N)			L max (mm)	S (mm)	F (N)			L max (mm)	S (mm)	F (N)			L max (mm)	S (mm)	F (N)	
175	47	330	G3358		295	108	380	G3341		362	142	190	G4095		405	162	300	G3686
196	57	500	G3329		295	95	315	G4592		363	147	135	G3316		405	162	300	G3686
206	51	530	G4594		296	90	480	G4968		363	142	80	G3561		405	150	615	G4281
213	57	200	G3540		298	102	280	G3394		363	142	390	G4033		405	162	420	G4284
227	62	790	G3327		298	95	650	G3513		363	122	470	G4036		408	142	400	G3487
234	70	850	G3462		298	81	700	G4245		367	121	470	G4624		408	162	135	G3539
241	82	700	G4265		299	110	400	G3323		367	146	320	G4967		411	170	30	G3344
243	82	560	G3528		299	102	680	G3351		368	112	280	G3356		411	152	400	G3660
245	63	370	G4544		299	85	730	G3658		369	111	320	G3650		411	165	280	G4969
250	82	660	G3550		300	108	460	G3333		369	110	210	G4010		412	165	340	G4225
252	73	1180	G3664		300	110	420	G3602		371	142	480	G3442		413	154	390	G4250
255	82	350	G3362		301	105	560	G3551		374	142	350	G3659		415	165	520	G3681
256	92	280	G4096		304	105	380	G4248		374	147	420	G3707		415	154	615	G4584
260	90	520	G3583		305	109	130	G3572		375	146	340	G3485		416	162	405	G4035
265	94	355	G3305		310	112	400	G3350		376	82	495	G3379		416	136	575	G4551
265	89	370	G4204		310	110	580	G3501		376	145	615	G3595		417	142	190	G3360
266	82	320	G3391		313	114	330	G3661		376	145	390	G4251		417	162	390	G4260
266	90	450	G4217		314	102	430	G3448		377	150	120	G3378		418	162	565	G3499
270	82	380	G3359		316	117	580	G4971		377	149	280	G3498		418	162	700	G4511
271	85	410	G4543		317	102	550	G3703		377	142	740	G3751		419	165	500	G3604
274	89	130	G4542		320	100	1200	G3656		382	150	140	G3428		420	162	600	G3510
279	100	490	G3522		320	121	410	G3756		384	150	560	G3564		420	161	450	G3750
279	97	430	G4218		321	122	470	G3596		386	152	455	G3717		422	155	345	G3474
279	90	155	G4541		325	115	350	G3652		388	158	50	G3365		423	162	570	G3306
279	100	630	G4966		325	98	1400	G3676		388	237	480	G3376		423	173	450	G3580
279	100	530	G4991		326	97	415	G4538		390	156	360	G3309		424	173	380	G4280
279	100	520	G4993		326	108	390	G4572		390	150	350	G3328		424	161	380	G4549
280	101	390	G3508		329	122	380	G3348		390	149	770	G3748		425	162	540	G3395
280	96	500	G4923		331	105	570	G4537		391	117	345	G4570		425	151	540	G4548
280	99	500	G4928		333	122	680	G4972		394	141	320	G4602		427	141	500	G4555
281	102	395	G3455		338	122	365	G4283		397	158	330	G3738		429	170	390	G3675
282	82	610	G4039		341	108	335	G4559		399	153	300	G3504		431	175	175	G3380
282	78	610	G4540		345	122	450	G3377		399	162	280	G3562		431	170	470	G3731
282	86	410	G4593		345	131	350	G3605		400	165	230	G3336		431	177	330	G4019
283	90	395	G4539		347	110	540	G4973		400	159	250	G4242		431	157	175	G4535
284	102	450	G3339		348	122	375	G3334		400	78	100	G4536		432	173	120	G3318
284	102	720	G3752		348	135	410	G3433		403	162	580	G3630		432	162	600	G4997
285	102	400	G3567		348	130	620	G3506		404	162	460	G3337		436	173	350	G3662
287	100	600	G3619		349	110	320	G4059		404	162	310	G3521		436	177	400	G4830
287	101	330	G4003		351	141	480	G3364		404	162	520	G3523		437	183	180	G3357
289	105	640	G3740		356	110	350	G3657		404	162	490	G3735		439	173	550	G3737
292	107	380	G3563		357	121	295	G4571		404	162	390	G4814		439	162	480	G4817
294	87	500	G3353		359	135	115	G3742		405	162	270	G3402		440	170	150	G3440
294	88	510	G4040		361	142	100	G3317		405	166	170	G3537		440	166	100	G3489

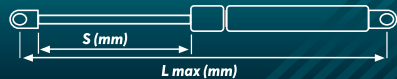


CODICI PER LUNGHEZZA / LENGHT ORDER

L max (mm)	S (mm)	F (N)		L max (mm)	S (mm)	F (N)		L max (mm)	S (mm)	F (N)		L max (mm)	S (mm)	F (N)	
440	181	600	G3628	467	182	455	G4023	485	181	470	G4579	500	205	450	G3623
440	162	420	G3688	467	188	435	G4030	485	202	320	G4952	500	210	310	G3641
440	177	460	G4862	469	194	380	G3729	485	202	450	G4987	500	195	340	G3721
442	182	350	G3744	469	195	350	G4920	487	182	530	G3445	500	210	690	G3727
444	162	160	G3434	470	195	560	G4418	489	155	910	G3558	500	211	350	G4002
444	170	455	G3758	470	195	350	G4933	489	202	190	G3655	500	211	350	G4002
445	176	90	G3685	470	192	600	G4988	489	202	190	G3655	500	202	530	G4007
445	169	640	G4566	472	194	400	G3326	490	202	650	G3718	500	212	550	G4020
445	182	300	G4826	473	182	350	G3361	490	202	530	G4246	500	210	270	G4082
445	170	420	G4851	473	182	510	G3749	490	225	490	G4564	500	211	500	G4083
446	182	310	G4931	473	184	510	G4231	491	190	230	G4518	500	210	365	G4084
447	172	250	G3592	473	194	430	G4253	492	202	475	G3398	500	211	500	G4085
447	174	345	G4581	473	182	570	G4436	492	197	440	G3710	500	211	350	G4216
448	182	470	G3677	473	176	405	G4604	492	202	420	G4274	500	210	410	G4241
448	182	555	G3712	473	190	330	G4860	493	210	70	G3368	500	210	600	G4247
450	142	400	G3335	473	182	480	G4864	493	195	630	G3591	500	184	460	G4530
450	182	150	G3541	474	195	570	G3581	493	202	500	G4229	500	193	500	G4531
450	182	535	G3632	474	195	390	G4220	493	182	460	G4264	500	205	390	G4563
450	185	385	G3673	474	190	420	G4228	494	207	570	G3399	500	202	470	G4813
450	182	385	G3761	475	195	625	G3584	494	196	410	G3507	500	211	350	G4992
451	182	480	G3412	475	191	490	G4840	495	202	420	G3369	500	210	480	G4995
452	185	155	G3435	476	190	580	G3463	495	185	380	G3446	501	202	380	G4267
452	182	740	G4821	476	197	360	G4099	495	202	490	G3511	501	202	360	G4890
453	182	580	G3706	476	197	620	G4314	495	208	330	G3576	502	202	375	G3483
454	182	380	G3429	478	162	610	G4012	495	202	370	G4263	502	195	470	G4529
455	188	380	G3644	478	199	580	G4865	496	202	475	G3475	503	210	280	G4982
455	182	440	G3719	479	200	450	G3573	497	182	580	G3431	505	200	255	G3201
455	182	680	G4073	479	190	420	G3692	497	202	610	G3757	505	200	255	G3202
455	182	425	G4989	479	200	335	G3695	498	202	630	G3370	505	170	770	G3649
456	182	570	G3443	479	200	550	G3705	498	182	460	G3436	506	202	515	G3465
456	182	350	G3663	480	182	480	G3331	498	202	420	G3520	506	212	610	G3694
456	179	380	G4861	481	185	420	G4589	499	210	375	G3642	507	208	620	G3456
458	172	240	G4532	482	202	735	G4998	499	202	430	G3668	507	213	360	G3665
459	182	320	G3714	483	192	425	G3355	499	207	550	G4011	507	210	335	G3672
459	190	380	G4850	483	190	740	G3516	499	162	660	G4271	507	215	250	G3764
459	170	300	G4977	483	190	370	G3680	499	170	560	G4547	507	215	550	G4021
460	190	535	G4986	483	162	700	G4269	499	180	360	G4596	507	215	550	G4437
461	148	280	G4605	484	148	750	G3366	500	202	450	G3303	507	183	535	G4588
463	182	355	G3396	484	202	170	G3367	500	202	560	G3371	507	205	330	G4595
465	186	425	G3603	484	202	610	G3430	500	205	575	G3509	507	202	380	G4863
465	182	360	G3689	484	202	530	G3556	500	201	530	G3514	508	205	585	G4028
465	193	360	G3704	484	202	640	G4930	500	210	690	G3519	508	210	550	G4221
465	182	655	G4070	485	165	660	G3488	500	202	420	G3618	509	173	545	G3715
466	149	260	G4623	485	202	510	G4024	500	210	470	G3621	509	210	420	G4828



L max (mm)	S (mm)	F (N)		L max (mm)	S (mm)	F (N)		L max (mm)	S (mm)	F (N)		L max (mm)	S (mm)	F (N)	
510	202	350	G3400	531	212	410	G3709	548	235	280	G3711	570	246	310	G3722
510	202	320	G3765	531	182	545	G3755	548	193	540	G4557	571	236	520	G4224
510	183	350	G4546	532	210	620	G3720	549	222	420	G4254	572	184	620	G4609
511	217	270	G3536	532	202	520	G4037	549	235	290	G4953	573	222	570	G3363
512	182	175	G3494	532	222	410	G4822	550	237	350	G3427	573	155	710	G4622
512	202	470	G3532	533	222	330	G3466	550	202	715	G4031	574	205	990	G3418
512	213	550	G4072	534	213	485	G3552	550	230	240	G4092	574	185	570	G4577
513	214	535	G3599	534	210	585	G3554	550	222	390	G4093	576	215	530	G3585
513	205	490	G3696	534	202	515	G3674	550	222	360	G4097	577	225	270	G3575
513	182	335	G3745	535	222	360	G3332	550	230	270	G4213	578	199	620	G4556
513	210	600	G4243	535	210	390	G3404	553	228	475	G3553	578	198	580	G4598
514	215	500	G4022	536	222	540	G4244	553	222	560	G4903	578	249	310	G4929
515	157	710	G3381	537	222	470	G3543	554	238	550	G3416	578	249	260	G4983
515	202	445	G3612	537	230	430	G4223	554	182	670	G4286	580	222	560	G3324
515	195	585	G3732	538	218	450	G4528	555	229	305	G3666	580	230	535	G3590
515	202	500	G4006	538	211	245	G4603	555	159	565	G4580	581	202	625	G3405
518	205	610	G3457	539	210	125	G3311	556	239	445	G3411	581	131	620	G4568
518	202	380	G3526	539	182	185	G3426	556	179	575	G4587	582	182	513	G3383
518	219	355	G3669	539	202	520	G4710	556	228	240	G4591	582	247	390	G3424
518	202	420	G4420	540	222	450	G3476	556	222	500	G4872	582	202	680	G4008
519	182	625	G3607	540	222	345	G3486	557	238	450	G3708	583	240	125	G3438
519	220	570	G4098	540	214	650	G3517	557	222	550	G4519	583	182	425	G3723
520	202	360	G3538	540	222	390	G3697	558	205	725	G3743	584	242	330	G3308
520	221	370	G3716	540	230	470	G4513	559	216	580	G4527	584	247	420	G3667
520	219	360	G4509	540	230	400	G4880	560	235	290	G3763	584	252	440	G3702
520	193	540	G4578	542	230	310	G4056	562	215	445	G3568	585	250	700	G3393
521	202	475	G3747	542	212	590	G4230	563	242	140	G4025	585	252	260	G3493
522	209	300	G3502	543	202	470	G3527	564	230	290	G3313	585	252	260	G3493
523	182	710	G4249	543	210	450	G3651	564	165	620	G4279	585	206	600	G3546
524	222	425	G3648	543	222	460	G3698	564	230	290	G4285	585	252	300	G3589
525	218	490	G4034	543	231	310	G3739	564	93	1270	G4534	585	252	270	G4018
526	222	350	G3620	543	222	200	G4026	565	222	480	G3683	585	252	500	G4270
526	222	325	G4277	544	222	460	G3372	565	230	360	G4417	587	222	400	G4268
526	222	350	G4927	544	228	325	G3759	566	234	170	G3542	588	227	440	G4601
527	162	535	G3349	544	230	370	G4416	566	222	315	G3713	589	242	110	G3406
527	208	125	G3403	544	233	300	G4514	567	245	245	G3437	589	252	360	G4009
527	215	450	G3547	544	225	440	G4902	567	221	645	G4130	589	159	640	G4545
527	215	450	G3629	545	222	620	G3728	567	222	540	G4419	589	230	415	G4562
527	222	390	G3653	546	210	600	G3447	567	141	695	G4569	589	178	525	G4583
528	202	600	G4276	546	149	525	G3453	567	207	410	G4924	590	225	590	G4275
529	222	550	G3410	546	230	505	G3606	568	233	280	G4015	591	252	350	G4222
529	182	530	G3679	546	222	535	G4255	569	242	460	G3548	591	252	480	G4975
530	230	110	G3601	547	195	425	G3684	569	230	620	G3746	592	252	430	G4091
530	177	650	G4561	547	235	260	G4278	569	242	210	G4212	592	234	560	G4526



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CODICI PER LUNGHEZZA / LENGTH ORDER

L max (mm)	S (mm)	F (N)		L max (mm)	S (mm)	F (N)		L max (mm)	S (mm)	F (N)		L max (mm)	S (mm)	F (N)	
593	215	800	G3616	620	232	155	G4550	655	280	320	G3559	722	320	180	G3347
594	230	605	G3560	621	200	570	G4600	655	269	320	G4607	722	309	280	G3637
595	215	470	G4818	622	212	590	G3726	657	285	480	G3760	722	306	310	G4086
597	258	450	G4520	622	230	580	G4252	658	271	410	G4981	722	309	280	G4815
597	252	515	G4811	624	252	575	G4870	661	265	635	G3407	724	316	340	G3345
598	260	160	G4055	624	262	360	G4978	664	291	315	G3307	724	316	340	G3345
600	260	385	G3419	625	265	400	G4510	664	252	535	G4013	730	310	315	G3346
600	242	255	G3490	626	210	510	G4261	664	265	380	G4524	730	325	250	G3701
600	252	250	G3566	627	270	460	G3687	664	249	455	G4586	730	325	265	G3741
600	239	360	G3611	627	186	670	G4608	666	252	490	G3577	733	296	200	G4582
600	261	330	G3633	628	265	600	G3471	667	240	650	G3432	734	322	320	G3342
600	260	400	G4090	630	202	480	G3449	667	255	755	G4262	739	202	700	G3439
600	252	310	G4214	630	255	620	G4027	668	290	390	G4521	739	160	700	G4560
600	222	670	G4258	630	230	540	G4525	672	275	700	G4585	741	280	210	G3374
600	202	440	G4871	630	271	330	G4827	675	285	260	G3570	741	291	170	G4573
600	261	300	G4913	633	235	510	G3534	676	286	150	G3451	743	237	670	G3421
600	260	590	G4974	633	242	490	G3545	678	293	480	G3724	747	291	200	G3322
602	262	320	G4208	633	216	550	G4590	680	212	770	G4575	755	220	1080	G3310
603	260	270	G3314	636	257	340	G3423	682	208	580	G4259	755	220	970	G3725
603	252	240	G3670	636	207	690	G3441	684	222	505	G3452	757	343	390	G4032
603	222	740	G3682	637	265	610	G3736	684	272	270	G3470	762	340	340	G3321
604	234	380	G3301	637	178	570	G4567	684	273	270	G4574	768	275	230	G4522
604	242	420	G3373	640	210	775	G3450	686	272	550	G3557	772	330	530	G4934
605	242	670	G3733	641	268	510	G3730	686	255	770	G4240	779	351	285	G4041
610	222	300	G3467	641	197	485	G4553	690	300	630	G4310	796	252	760	G3477
610	262	245	G3671	642	247	385	G4599	693	287	380	G3343	796	312	720	G4256
610	215	600	G4922	643	220	470	G3578	695	283	640	G3473	814	305	720	G3375
611	242	355	G4516	643	220	470	G3579	696	293	220	G4001	825	262	355	G4422
613	226	375	G3460	643	255	475	G3582	700	305	660	G3530	829	305	640	G3762
613	255	630	G4122	644	222	560	G3495	700	270	320	G4053	829	305	640	G3762
613	231	350	G4558	644	265	300	G4996	700	300	210	G4121	849	355	670	G3678
614	193	560	G4576	646	258	300	G3469	700	175	1050	G4257	849	309	640	G4552
615	230	265	G3482	647	270	450	G3515	713	309	330	G3512	866	355	430	G4919
615	230	330	G4057	648	282	260	G4266	713	306	290	G4038	869	375	240	G3625
616	162	580	G4533	649	266	320	G3330	713	179	830	G4606	893	269	655	G3422
616	173	620	G4610	649	260	745	G3420	719	280	870	G3338	905	315	780	G3586
619	267	250	G3468	652	242	750	G4272	721	313	180	G4273	944	417	380	G4816
619	252	370	G4029	654	242	610	G3384	721	257	170	G4523				



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STABILUS			STABILUS			STABILUS			STABILUS			STABILUS	
001825	G3743		016994	G4019		023173	G3563		034491	G3579		159421	G4040
001984	G3596		017247	G3522		023234	G4260		034491	G3582		165876	G3558
002001	G3595		017353	G3703		023549	G3523		034753	G4993		166832	G4036
002433	G3570		017451	G3517		023555	G4966		034928	G4261		167071	G4033
002578	G4255		017468	G4229		023581	G4840		035075	G4248		167573	G3303
005190	G4870		017510	G3701		023592	G4813		038758	G4585		167812	G4007
006941	G3732		017667	G3633		023713	G3709		040873	G4264		170201	G3475
006950	G3677		017681	G3309		023793	G3618		049417	G4095		173046	G3560
006963	G3428		017706	G3688		023812	G4038		050460	G3379		174241	G3559
007998	G3551		017881	G3696		023902	G3721		060708	G4212		174241	G4607
011499	G3651		017971	G4851		023967	G3519		068159	G4537		191233	G3542
011573	G3684		017998	G3337		024029	G3642		078405	G4037		193359	G3467
011864	G3562		018254	G3723		024073	G3763		079361	G3708		193602	G3378
012067	G4098		018306	G3630		024099	G3619		083684	G3344		194076	G3494
012074	G3550		018376	G4085		024208	G3512		086314	G4603		194558	G4039
012111	G4864		018459	G3725		024284	G3370		086531	G4041		194558	G4540
012124	G3665		018565	G4991		024295	G3367		100872	G3485		195026	G3689
012144	G3667		018586	G3641		024335	G4420		102545	G4267		197684	G4563
012148	G3663		018613	G3720		024339	G4086		105191	G3577		203183	G4600
012158	G3548		018616	G4002		024452	G3406		105409	G4919		205316	G3426
012180	G3692		018724	G3644		026825	G3666		106150	G4531		205791	G3383
012552	G3552		018746	G4084		026872	G4975		106389	G4247		212006	G4275
012553	G3554		018816	G3666		027594	G3724		106867	G3702		217760	G3470
012559	G4872		019830	G4246		030593	G3330		107345	G3343		218477	G4574
012604	G4552		019856	G3625		030681	G3418		109018	G4277		218697	G3350
012809	G3713		020282	G4214		030769	G3735		113559	G3346		219433	G4576
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015381	G4850		020890	G3705		031872	G4987		130496	G3349		239719	G3403
015488	G3758		022244	G3657		032275	G3748		134108	G3358		240675	G3534
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015583	G3592		022528	G4258		033418	G3510		139611	G3541		246658	G3335
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016687	G4274		022657	G3687		033684	G3739		141033	G3314		248594	G3727
016721	G3628		022818	G3662		033844	G3737		141250	G3530		249291	G3477
016723	G3669		022869	G4996		033948	G3741		141989	G3671		254071	G4253
016761	G3683		022885	G3359		033965	G4511		151314	G3655		261976	G3520
016767	G3649		022929	G4830		034075	G3747		151560	G3675		263392	G4286
016954	G3311		023093	G3361		034249	G3650		153440	G3394		266250	G3445
016990	G3697		023140	G3566		034491	G3578		155856	G3369		266755	G3363

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STABILUS			STABILUS			STABILUS			STABILUS			STABILUS	
266994	G3362		361151	G4097		498588	G3399		612585	G3429		712941	G4591
267711	G3396		361178	G4096		499783	G4270		618101	G4018		717721	G4268
274167	G3760		361641	G3603		501695	G3719		620692	G3400		720826	G4273
280139	G3380		366430	G4543		503351	G3498		620692	G4546		726084	G4271
281095	G4587		369059	G4525		505741	G4030		630260	G3507		733495	G3377
283007	G4601		378125	G3446		510054	G3368		631216	G3411		734688	G4272
284441	G4602		383634	G4605		513884	G4422		635786	G4564		736172	G4589
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289461	G3355		385072	G4538		519830	G3495		636503	G4570		741173	G4974
289939	G3353		385302	G3674		522459	G3465		638384	G4606		745953	G4241
291611	G4608		385789	G4562		524085	G4091		639599	G4623		751217	G4541
291749	G4082		386267	G4544		524371	G4989		640316	G4610		760982	G3443
292579	G4523		386469	G4256		535383	G3757		641030	G4582		762416	G3435
293774	G4545		387683	G3751		543968	G3652		641982	G4575		763370	G3395
294252	G4528		388387	G3653		547558	G4023		644140	G4593		763370	G4548
298544	G4555		389104	G3372		552816	G3706		645548	G3488		764092	G3448
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308105	G3746		393413	G3365		565969	G3308		649380	G4314		766718	G4251
308341	G3453		406793	G3742		566686	G3431		649876	G4532		769364	G3557
308580	G4571		407529	G4121		568829	G3342		650832	G4535		777230	G3759
318126	G4231		416372	G3673		569070	G3384		655708	G4001		782281	G3599
319792	G4280		418504	G4568		570741	G4035		662764	G3452		783925	G3455
319792	G4549		419240	G4276		571256	G4524		668768	G4596		788245	G3451
322175	G4249		421622	G3511		571943	G4031		670161	G4285		793253	G3456
326740	G3487		426171	G4982		572212	G4522		673986	G4015		794469	G4609
331280	G3489		430690	G3468		572907	G3345		681167	G3471		798436	G4827
332009	G4550		432140	G4624		573146	G3546		682377	G4584		798444	G4055
332487	G4551		432379	G4622		578873	G4592		682630	G4599		804027	G4580
332714	G3486		434042	G3356		580085	G4556		684524	G3375		804744	G4581
334388	G3681		449482	G4514		581980	G4594		686695	G4579		810722	G3398
337255	G4557		451250	G4578		583169	G3536		690981	G3474		819297	G4997
340607	G3404		457480	G3586		585798	G3707		692889	G3373		827202	G3381
341059	G4269		458650	G3371		586044	G3306		693351	G4259		839634	G3427
341298	G4998		459367	G3323		586522	G4588		696479	G4558		840109	G3561
343477	G4013		463425	G4283		593932	G3648		696718	G4559		843918	G3321
347273	G4034		463455	G4242		598251	G3364		698382	G3422		848951	G4604
348466	G3336		465581	G4243		598471	G4029		698621	G3678		853474	G3457
348705	G3331		466298	G4244		598502	G4553		699347	G4567		865670	G3568
350388	G3438		467015	G3348		603981	G3360		700776	G3424		866626	G4278
352798	G3601		468210	G4530		604220	G4598		701732	G3423		867582	G3341
355416	G4008		474902	G3374		605893	G3744		703410	G4583		867843	G3318
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361011	G4056		498563	G3419		610886	G4032		711312	G4573		869505	G3412

STABILUS			STABILUS			STABILUS			STABILUS			STABILUS	
870950	G4025		0174HL	G4924		1518QJ	G3202		4126XQ	G3575		7509HZ	G4228
873790	G3305		0197IH	G4922		1525QS	G3430		4147PE	G4510		7631LY	G3521
874029	G3307		0244HW	G4972		1565TJ	G3563		4279NE	G4977		7656WY	G3765
875221	G4250		0354KY	G4952		1571DG	G3502		4932SV	G3591		7762HK	G4519
877620	G3416		0421VG	G3730		1585BP	G4969		4958SG	G4851		7764HA	G4518
877865	G3437		0488KG	G3616		1589BW	G4968		5001ZR	G3347		7825VK	G3694
878818	G3391		0488VQ	G3462		1617MX	G3572		5011ZL	G3658		7901GO	G3538
878821	G3439		0519FC	G4021		1656NA	G4995		5037SY	G4437		7958RN	G3604
878821	G4560		0592PD	G4986		1757VK	G3668		5336XP	G3632		7961RP	G3590
881227	G4521		0624KV	G4208		1819BQ	G4902		5563LT	G4513		8082YZ	G3664
882400	G4566		0681VK	G3659		2211NP	G3540		5593MY	G4006		8113HP	G4516
884302	G4590		0685VR	G3660		2283NR	G4811		5642ZA	G3324		8254BD	G4057
889092	G3490		0714FN	G4220		2334BC	G4967		5674MY	G4821		8306BQ	G3515
895089	G4252		0744VM	G3726		2425LK	G4092		5705XK	G3513		8310BN	G4983
896251	G4254		0746VC	G3576		2426FC	G4920		5724ZW	G3556		8311BI	G4929
896972	G3483		0752VQ	G3580		2446YW	G3756		5768ZF	G3656		8345BY	G4122
900337	G3326		0756VX	G3581		2474LM	G4822		5905QY	G3317		8358KV	G3504
901780	G4586		0762VK	G3527		2569LN	G4224		6007QP	G3715		8363KN	G3501
907985	G4595		0763VF	G3661		2572WZ	G3316		6052CM	G4826		8432DD	G4928
908233	G4547		0772VE	G3752		2573WU	G3606		6054BG	G4216		8453BV	G4053
908463	G3539		0786FP	G4417		2574YH	G3450		6241QH	G4880		8481CJ	G4240
908941	G3573		0792FC	G4416		2575WK	G3485		6253QS	G3473		8489UF	G4262
909658	G3482		0793PL	G4509		2584WJ	G3605		6324LR	G4070		8523CB	G4930
910360	G3357		0818MM	G4225		2614KL	G4223		6325MI	G4818		8538BB	G4092
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917077	G4027		0825MV	G4022		2864UI	G3711		6391PB	G3623		8551BY	G4096
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931146	G3328		0955HQ	G4931		2943RD	G3564		6467HO	G3508		8927UQ	G3327
934994	G3434		0955QH	G3611		3183TT	G3506		6467QF	G3547		8986IG	G4981
939999	G3432		0974DZ	G4953		3187BR	G4020		6482HA	G4828		8986NN	G4520
942881	G3420		1026AW	G4218		3204DL	G4923		6539NS	G4083		9247ZZ	G3729
943832	G3718		1036VW	G3679		3213YH	G3332		6541LG	G4817		9249HG	G3526
946919	G4026		1041VO	G3740		3269YB	G4265		6576TM	G3553		9272DM	G4217
952449	G3750		1152RM	G4072		3271YI	G4263		6914LI	G4913		9283HM	G4973
959347	G3338		1186KC	G4903		3277YF	G3583		7008TR	G3301		9288DD	G4213
959832	G3466		1295BD	G4130		3278YA	G3333		7017TQ	G4862		9338XA	G3584
962454	G3722		1308PG	G4230		3587SC	G3629		7021TN	G3764		9339XW	G3585
967723	G3410		1311PI	G4988		3798NY	G3589		7022TI	G4863		9341XC	G4710
968221	G3407		1313WY	G3682		3935ZN	G3621		7098VJ	G3607		9494KC	G3676
986604	G3442		1381MF	G4971		3958SO	G4890		7266HZ	G3620		9517HN	G4934
996870	G3393		1386BY	G4814		3976SM	G4204		7266HZ	G4927		9582RK	G4933
0008SX	G4871		1431EG	G3686		4013WV	G3532		7303DE	G4093		9669ZC	G3738
0028DR	G4436		1501RT	G3680		4043KY	G3528		7443NO	G4003		9832NI	G4059
0031DT	G4222		1516RP	G3728		4045WU	G3698		7463NC	G3602		9857CP	G4221
0123EE	G3537		1518QJ	G3201		4081FD	G4816		7469HX	G4419		9968GI	G4815



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