

Coppie di serraggio Cerchi autovetture



ALFA ROMEO	cerchi normali [Nm]	cerchi lega [Nm]
145/146	98	98
147	98	98
156	98	98
159	120	120
166	98	98
Brera	120	120
Giulia	120	120
Giulietta	120	120
GT	84	100
Mito	86	120
Spider	120	120

AUDI	cerchi normali [Nm]	cerchi lega [Nm]
A1	120	120
A2	120	120
A3	120	120
A4	120	120
A5	120	120
A6	120	120
A7	120	120
A8	120	120
Q2	120	120
Q3	120	120
Q5	140	140
Q7	160	160
TT	120	120

BMW	cerchi normali [Nm]	cerchi lega [Nm]
1 Series	120	120
2 Series	120	120
3 Series	120	120
5 Series	120	120
6 Series	120	120
7 Series	140	140
X Series	140	140
X1 Series	120	120
X3-X5-X5 Series	140	140
Z Series	120	120

CHEVROLET	cerchi normali [Nm]	cerchi lega [Nm]
Aveo	120	120
Captiva	125	125
Epica	110	110
Evanda	110	110
Kalos	120	120
Lacetti	100	100
Matiz	100	100
Nubira	100	100
Rezzo	110	110

CHRYSLER	cerchi normali [Nm]	cerchi lega [Nm]
300 C	150	150
Crossfire	110	110
PT Cruiser	135	135
Voyager	129	129

CITROËN	cerchi normali [Nm]	cerchi lega [Nm]
Berlingo	90	90
C zero	100	100
C1	100	100
C2	90	90
C3	90	90
C4	90/100	90/100
C5	90/110	90
C6	90	90
C8	100	100
DS3	90/100	90/100
Nemo	86	86
Xantia	90	90
Xsara	90	90

DACIA	cerchi normali [Nm]	cerchi lega [Nm]
Duster	120	
Lodgy	105	
Logan	105	
Sandero	105	

DAEWOO	cerchi normali [Nm]	cerchi lega [Nm]
Espero	80	80
Evanda	110	110
Kalos	120	120
Lacetti	100	100
Matiz	100	100
Nexia	80	80
Nubira	80	80

DAIHATSU	cerchi normali [Nm]	cerchi lega [Nm]
Cuore	103	103
Sirion	103	103
Terios	103	103

DS	cerchi normali [Nm]	cerchi lega [Nm]
DS 3	90	90
DS 4	90/100	90/100
DS 5	90/100	90/100

FIAT	cerchi normali [Nm]	cerchi lega [Nm]
500 / C / L / X	86	86
Brava/Bravo	86	86
Bravo II	98	98
Croma 05	120	120
Doblò	86	86
Grande Punto	120	120
Idea	98	98
Linea	86	98
Multipla	86	98
Palio	86	98
Panda	86	98
Punto	86	98
Qubo/Fiorino	86	98
Scudo	100	100
Sedici	86	98
Stilo	98	98
Tipo	86	98
Ulysse	100	100
Uno	86	86

FORD	cerchi normali [Nm]	cerchi lega [Nm]
B Max	100	100
C Max	90	90
Ecosport	100	100
Escort	100	100
Fiesta	85	85
Focus	130	130
Fusion	85	85
Galaxy	170	170
Ka	85	85
Kuga	90	90
Maverik	133	133
Mondeo 00 >	140	140
S-Max	170	170

HONDA	cerchi normali [Nm]	cerchi lega [Nm]
Accord	108	108
Civic	108	108
CR-V	108	108

HYUNDAI	cerchi normali [Nm]	cerchi lega [Nm]
Accent	100	100
Atos	100	100
Coupè/S Coupè	100	100
Elantra/Lantra	100	100
Getz	100	100
H100	130	130
i10	100	100
i20	100	100
i30	100	100
I40	100	100
Santa Fè	100	100
Sonata	100	100
Tucson	100	100
X20	100	100
X35	100	100

ISUZU	cerchi normali [Nm]	cerchi lega [Nm]
Trooper	118	118

JAGUAR	cerchi normali [Nm]	cerchi lega [Nm]
S-Type	128	128
X-Type	85	103
XJ6 Series	90	90
XJS Series	90	90

JEEP	cerchi normali [Nm]	cerchi lega [Nm]
Cherokee	115/150	115/150
Grand Cherokee	115/150	115/150
Renegade	115/150	115/150
Wrangler	115/150	115/150

KIA	cerchi normali [Nm]	cerchi lega [Nm]
Carens	98	98
Carnival	100	100
Cee'd	98	98
Cerato	98	98
Clarus	98	98
Magentis	100	100
Optima	100	100
Picanto	98	98
Pride	98	98
Rio	100	100
Soul	100	100
Sorento	110	110
Sportage	100	100
Venga	100	100

LADA	cerchi normali [Nm]	cerchi lega [Nm]
Niva	90	90
Samara	75	75

LANCIA	cerchi normali [Nm]	cerchi lega [Nm]
Delta III	98	98
Lybra	98	98
Musa	98	98
Phedra	100	100
Thesis	98	98
Y	86	86
Ypsilon	86	98
Zeta	100	100

LAND ROVER	cerchi normali [Nm]	cerchi lega [Nm]
Defender	130	130
Discovery	140	140
Evoque	140	140
Freelander 2	133	133
Range Rover/Sport	140	140

LEXUS	cerchi normali [Nm]	cerchi lega [Nm]
CT/ES/GS/IS	103	103
LS	140	140
RX	103	103
SC	103	103

MAZDA	cerchi normali [Nm]	cerchi lega [Nm]
2 Series	103	103
3 Series	103	103
5 Series	103	103
6 Series	103	103
CX Series	103	103
MX 5	98	98

MERCEDES	cerchi normali [Nm]	cerchi lega [Nm]
A Class	130	130
B Class	130	130
C Class	130	130
CLA Class	130	130
CLC Class	110	110
CLK Class	110	110
CLS Class	130	130
E Class	130	130
G Class	130	130
GL Class	150	150
GLA Class	130	130
GLK Class	150	150
GLS Class	150	150
M Class	150	150
R Class	150	150
S Class	150	150
SL Class	130	130
SLK	110	110
V Class	175	175

MINI	cerchi normali [Nm]	cerchi lega [Nm]
Mini 01 >	120	120

MITSUBISHI	cerchi normali [Nm]	cerchi lega [Nm]
ASX	108	108
Carisma	108	108
Colt	108	108
Lancer	98	98
Outlander	98	98
Pajero	100/120	100/120
Pajero Sport	118/137	98/118
Space star	108	108

NISSAN	cerchi normali [Nm]	cerchi lega [Nm]
Almera	108	
Juke	113	
Leaf	113	
Micra	110	
Note	105	
Patrol	133	
Primera	110	
Pulsar	113	
Qashqai	113	
Terrano	133	
Tiida	110	
X-Trail	108	

OPEL	cerchi normali [Nm]	cerchi lega [Nm]
Adam	98	98
Agila	85	85
Antara	125	125
Astra	110	110
Combo	110	110
Corsa	110	110
Frontera	120	120
Insigna	150	150
Meriva	110	110
Mokka X	110	110
Omega	110	110
Signum	110	110
Tigra	110	110
Vectra	110	110
Zafira	110	110

PEUGEOT	cerchi normali [Nm]	cerchi lega [Nm]
106	85	85
107	100	100
206	100	100
207	110	90
208	90	90
306	90	90
307	100	100
308	100	100
406	90	90
407	100	90
508	90	90
607	90	90
806	90	90
807	100	100
1007	90	90
2008	90	90
3008	100	100
4007	100	100
5008	100	100
Bipper	85	85
Expert	100	90
Partner	100	

PORSCHE	cerchi normali [Nm]	cerchi lega [Nm]
911		130
Boxter		130
Cayenne		160
Cayman		130

RENAULT	cerchi normali [Nm]	cerchi lega [Nm]
Avantime	100	100
Capture	105	105
Clio II	90	90
Clio III	105/140	105/140
Clio IV	105/140	105/140
Duster	120	120
Espace III	100	100
Espace IV	130	130
Espace V	120	120
Kangoo	105	105
Laguna <07/07>	110/130	110/130
Megane I	90	90
Megane II	110	110
Megane III	120	120
Megane IV	120	120
Modus	105	105
Scenic I	90	90
Scenic II	110	110
Scenic III	120	120
Twingo	90/105	90/105
Vel satis	110/130	110/130
Zoe	105	105

ROVER	cerchi normali [Nm]	cerchi lega [Nm]
25	110	110
45	110	110
75	125	125

SAAB	cerchi normali [Nm]	cerchi lega [Nm]
9-3	110	110
9-5	120	120

SEAT	cerchi normali [Nm]	cerchi lega [Nm]
Alhambra	170	170
Altea	120	120
Arosa	110	110
Ateca	120	120
Cordoba	120	120
Exeo	120	120
Ibiza	120	120
Leon	120	120
Mii	110	110
Toledo	120	120

SKODA	cerchi normali [Nm]	cerchi lega [Nm]
Citigo	110	110
Fabia	120	120
Felicia	120	120
Octavia	120	120
Rapid	120	120
Superb	120	120
Yeti	120	120

SMART	cerchi normali [Nm]	cerchi lega [Nm]
City Coupè	120	120
Cabrio	120	120
Crossblade	120	120
Fourfour	120	120
Fourtwo	120	120
Roadster	120	120

SSANGYONG	cerchi normali [Nm]	cerchi lega [Nm]
Korando	110	110
Musso	110	110

SUBARU	cerchi normali [Nm]	cerchi lega [Nm]
BRZ	100	100
Forester	100	100
Impreza	100	100
Justy	103	103
Legacy	100	100
Outback	100	100
XV	100	100

SUZUKI	cerchi normali [Nm]	cerchi lega [Nm]
Alto	85	85
Baleno	85	85
Grand Vitara	95	95
Jimny	95	95
Liana	85	85
Splash	85	85
Swift	85	85
SX4	85	85
Vitara	90	90
Wagon R+	85	85

TOYOTA	cerchi normali [Nm]	cerchi lega [Nm]
Auris	103	103
Avensis	103	103
Aygo	103	103
Cammy	103	103
Carina	103	103
Corolla	103	103
IQ	103	103
Land Cruiser	112	112
MR 2	103	103
Previa	103	103
Prius	103	103
RAV 4	103	103
Verso	103	103
Yaris	103	103

VOLKSWAGEN	cerchi normali [Nm]	cerchi lega [Nm]
Bora	120	120
Caddy	120	120
Eos	120	120
Golf	120	120
Jetta	120	120
Lupo	120	120
Multivan	170	170
New Beetle	120	120
Passat	120	120
Polo	120	120
Scirocco	120	120
Sharan	170	170
Tiguan	140	140
Touareg	180	180
Touran	120	120
Up	110	110

VOLVO	cerchi normali [Nm]	cerchi lega [Nm]
C30	110	110
C70	110	110
S40	110	110
S60	140	140
S70	110	110
S80	140	140
S90	110	110
V40	110	110
V50	110	110
V60	140	140
V70	140	140
V90	110	110
XC60	140	140
XC70	140	140
XC90	140	140

Utensili di qualità per professionisti



Art. 721/5 QUICK
Cricco da 3/8"
Range 6-50 Nm

Art. 721/15 QUICK
Cricco da 1/2"
Range 30-150 Nm

Art. 721/20 QUICK
Cricco da 1/2"
Range 40-200 Nm

Art. 721/30 QUICK
Cricco da 1/2"
Range 60-300 Nm

PER SUV E FURGONI

*Le coppie di serraggio indicate in tabella sono espresse in Nm. I valori corrispondenti in Kgm sono ottenibili con la formula 1 Nm = 0,1 Kgm. I valori espressi in tabella sono suscettibili di possibili imprecisioni non desiderate e di possibili variazioni effettuate dalla case costruttrici, sono quindi da intendersi indicativi. Verificare sempre i valori ufficiali forniti dalle case automobilistiche, Stahlwille non si assume nessuna responsabilità in merito all'utilizzo di valori di serraggio non corrispondenti ai valori ufficiali raccomandati dalle case automobilistiche.

Coppie di serraggio Cerchi autovetture



ALFA ROMEO	cerchi normali [Nm]	cerchi lega [Nm]
145/146	98	98
147	98	98
156	98	98
159	120	120
166	98	98
Brera	120	120
Giulia	120	120
Giulietta	120	120
GT	84	100
Mito	86	120
Spider	120	120

AUDI	cerchi normali [Nm]	cerchi lega [Nm]
A1	120	120
A2	120	120
A3	120	120
A4	120	120
A5	120	120
A6	120	120
A7	120	120
A8	120	120
Q2	120	120
Q3	120	120
Q5	140	140
Q7	160	160
TT	120	120

BMW	cerchi normali [Nm]	cerchi lega [Nm]
1 Series	120	120
2 Series	120	120
3 Series	120	120
5 Series	120	120
6 Series	120	120
7 Series	140	140
X Series	140	140
X1 Series	120	120
X3-X5-X5 Series	140	140
Z Series	120	120

CHEVROLET	cerchi normali [Nm]	cerchi lega [Nm]
Aveo	120	120
Captiva	125	125
Epica	110	110
Evanda	110	110
Kalos	120	120
Lacetti	100	100
Matiz	100	100
Nubira	100	100
Rezzo	110	110

CHRYSLER	cerchi normali [Nm]	cerchi lega [Nm]
300 C	150	150
Crossfire	110	110
PT Cruiser	135	135
Voyager	129	129

CITROËN	cerchi normali [Nm]	cerchi lega [Nm]
Berlingo	90	90
C zero	100	100
C1	100	100
C2	90	90
C3	90	90
C4	90/100	90/100
C5	90/110	90
C6	90	90
C8	100	100
DS3	90/100	90/100
Nemo	86	86
Xantia	90	90
Xsara	90	90

DACIA	cerchi normali [Nm]	cerchi lega [Nm]
Duster	120	
Lodgy	105	
Logan	105	
Sandero	105	

DAEWOO	cerchi normali [Nm]	cerchi lega [Nm]
Espero	80	80
Evanda	110	110
Kalos	120	120
Lacetti	100	100
Matiz	100	100
Nexia	80	80
Nubira	80	80

DAIHATSU	cerchi normali [Nm]	cerchi lega [Nm]
Cuore	103	103
Sirion	103	103
Terios	103	103

DS	cerchi normali [Nm]	cerchi lega [Nm]
DS 3	90	90
DS 4	90/100	90/100
DS 5	90/100	90/100

FIAT	cerchi normali [Nm]	cerchi lega [Nm]
500 / C / L / X	86	86
Brava/Bravo	86	86
Bravo II	98	98
Croma 05	120	120
Doblò	86	86
Grande Punto	120	120
Idea	98	98
Linea	86	98
Multipia	86	98
Palio	86	98
Panda	86	98
Punto	86	98
Qubo/Fiorino	86	98
Scudo	100	100
Sedici	86	98
Stilo	98	98
Tipo	86	98
Ulysse	100	100
Uno	86	86

FORD	cerchi normali [Nm]	cerchi lega [Nm]
B Max	100	100
C Max	90	90
Ecosport	100	100
Escort	100	100
Fiesta	85	85
Focus	130	130
Fusion	85	85
Galaxy	170	170
Ka	85	85
Kuga	90	90
Maverik	133	133
Mondeo 00 >	140	140
S-Max	170	170

HONDA	cerchi normali [Nm]	cerchi lega [Nm]
Accord	108	108
Civic	108	108
CR-V	108	108

HYUNDAI	cerchi normali [Nm]	cerchi lega [Nm]
Accent	100	100
Atos	100	100
Coupè/S Coupè	100	100
Elantra/Lantra	100	100
Getz	100	100
H100	130	130
i10	100	100
i20	100	100
i30	100	100
I40	100	100
Santa Fè	100	100
Sonata	100	100
Tucson	100	100
X20	100	100
X35	100	100

ISUZU	cerchi normali [Nm]	cerchi lega [Nm]
Trooper	118	118

JAGUAR	cerchi normali [Nm]	cerchi lega [Nm]
S-Type	128	128
X-Type	85	103
XJ6 Series	90	90
XJ5 Series	90	90

JEEP	cerchi normali [Nm]	cerchi lega [Nm]
Cherokee	115/150	115/150
Grand Cherokee	115/150	115/150
Renegade	115/150	115/150
Wrangler	115/150	115/150

KIA	cerchi normali [Nm]	cerchi lega [Nm]
Carens	98	98
Carnival	100	100
Cee'd	98	98
Cerato	98	98
Clarus	98	98
Magentis	100	100
Optima	100	100
Picanto	98	98
Pride	98	98
Rio	100	100
Soul	100	100
Sorento	110	110
Sportage	100	100
Venga	100	100

LADA	cerchi normali [Nm]	cerchi lega [Nm]
Niva	90	90
Samara	75	75

LANCIA	cerchi normali [Nm]	cerchi lega [Nm]
Delta III	98	98
Lybra	98	98
Musa	98	98
Phedra	100	100
Thesis	98	98
Y	86	86
Ypsilon	86	98
Zeta	100	100

LAND ROVER	cerchi normali [Nm]	cerchi lega [Nm]
Defender	130	130
Discovery	140	140
Evogue	140	140
Freelander 2	133	133
Range Rover/Sport	140	140

LEXUS	cerchi normali [Nm]	cerchi lega [Nm]
CT/ES/GS/IS	103	103
LS	140	140
RX	103	103
SC	103	103

MAZDA	cerchi normali [Nm]	cerchi lega [Nm]
2 Series	103	103
3 Series	103	103
5 Series	103	103
6 Series	103	103
CX Series	103	103
MX 5	98	98

MERCEDES	cerchi normali [Nm]	cerchi lega [Nm]
A Class	130	130
B Class	130	130
C Class	130	130
CLA Class	130	130
CLC Class	110	110
CLK Class	110	110
CLS Class	130	130
E Class	130	130
G Class	130	130
GL Class	150	150
GLA Class	130	130
GLK Class	150	150
GLS Class	150	150
M Class	150	150
R Class	150	150
S Class	150	150
SL Class	130	130
SLK	110	110
V Class	175	175

MINI	cerchi normali [Nm]	cerchi lega [Nm]
Mini 01 >	120	120

MITSUBISHI	cerchi normali [Nm]	cerchi lega [Nm]
ASX	108	108
Carisma	108	108
Colt	108	108
Lancer	98	98
Outlander	98	98
Pajero	100/120	100/120
Pajero Sport	118/137	98/118
Space star	108	108

NISSAN	cerchi normali [Nm]	cerchi lega [Nm]
Almera	108	
Juke	113	
Leaf	113	
Micra	110	
Note	105	
Patrol	133	
Primera	110	
Pulsar	113	
Qashqai	113	
Terrano	133	
Tiida	110	
X-Trail	108	

OPEL	cerchi normali [Nm]	cerchi lega [Nm]
Adam	98	98
Agila	85	85
Antara	125	125
Astra	110	110
Combo	110	110
Corsa	110	110
Frontera	120	120
Insigna	150	150
Meriva	110	110
Mokka X	110	110
Omega	110	110
Signum	110	110
Tigra	110	110
Vectra	110	110
Zafira	110	110

PEUGEOT	cerchi normali [Nm]	cerchi lega [Nm]
106	85	85
107	100	100
206	100	100
207	110	90
208	90	90
306	90	90
307	100	100
308	100	100
406	90	90
407	100	90
508	90	90
607	90	90
806	90	90
807	100	100
1007	90	90
2008	90	90
3008	100	100
4007	100	100
5008	100	100
Bipper	85	85
Expert	100	90
Partner	100	

PORSCHE	cerchi normali [Nm]	cerchi lega [Nm]
911		130
Boxter		130
Cayenne		160
Cayman		130

RENAULT	cerchi normali [Nm]	cerchi lega [Nm]
Avantime	100	100
Capture	105	105
Clio II	90	90
Clio III	105/140	105/140
Clio IV	105/140	105/140
Duster	120	120
Espace III	100	100
Espace IV	130	130
Espace V	120	120
Kangoo	105	105
Laguna <07/07>	110/130	110/130
Megane I	90	90
Megane II	110	110
Megane III	120	120
Megane IV	120	120
Modus	105	105
Scenic I	90	90
Scenic II	110	110
Scenic III	120	120
Twingo	90/105	90/105
Vel satis	110/130	110/130
Zoe	105	105

ROVER	cerchi normali [Nm]	cerchi lega [Nm]
25	110	110
45	110	110
75	125	125

SAAB	cerchi normali [Nm]	cerchi lega [Nm]
9-3	110	110
9-5	120	120

SEAT	cerchi normali [Nm]	cerchi lega [Nm]
Alhambra	170	170
Altea	120	120
Arosa	110	110
Ateca	120	120
Cordoba	120	120
Exeo	120	120
Ibiza	120	120
Leon	120	120
Mii	110	110
Toledo	120	120

SKODA	cerchi normali [Nm]	cerchi lega [Nm]
Citigo	110	110
Fabia	120	120
Felicia	120	120
Octavia	120	120
Rapid	120	120
Superb	120	120
Yeti	120	120

SMART	cerchi normali [Nm]	cerchi lega [Nm]
City Coupè	120	120
Cabrio	120	120
Crossblade	120	120
Fourfour	120	120
Fourtwo	120	120
Roadster	120	120

SSANGYONG	cerchi normali [Nm]	cerchi lega [Nm]
Korando	110	110
Musso	110	110

SUBARU	cerchi normali [Nm]	cerchi lega [Nm]
BRZ	100	100
Forester	100	100
Impreza	100	100
Justy	103	103
Legacy	100	100
Outback	100	100
XV	100	100

SUZUKI	cerchi normali [Nm]	cerchi lega [Nm]
Alto	85	85
Baleno	85	85
Grand Vitara	95	95
Jimny	95	95
Liana	85	85
Splash	85	85
Swift	85	85
SX4	85	85
Vitara	90	90
Wagon R+	85	85

TOYOTA	cerchi normali [Nm]	cerchi lega [Nm]
Auris	103	103
Avensis	103	103
Aygo	103	103
Cammy	103	103
Carina	103	103
Corolla	103	103
IQ	103	103
Land Cruiser	112	112
MR 2	103	103
Previa	103	103
Prius	103	103
RAV 4	103	103
Verso	103	103
Yaris	103	103

VOLKSWAGEN	cerchi normali [Nm]	cerchi lega [Nm]
Bora	120	120
Caddy	120	120
Eos	120	120
Golf	120	120
Jetta	120	120
Lupo	120	120
Multivan	170	170
New Beetle	120	120
Passat	120	120
Polo	120	120
Scirocco	120	120
Sharan	170	170
Tiguan	140	140
Touareg	180	180
Touran	120	120
Up	110	110

VOLVO	cerchi normali [Nm]	cerchi lega [Nm]
C30	110	110
C70	110	110
S40	110	110
S60	140	140
S70	110	110
S80	140	140
S90	110	110
V40	110	110
V50	110	110
V60	140	140
V70	140	140
V90	110	110
XC60	140	140
XC70	140	140
XC90	140	140