



CATALOGO/CATALOGUE 2012/2013

Ammortizzatori per veicoli industriali
Shock absorbers for industrial vehicles



MSA	Model	Pos.	Aperto	Chiuso	A	B	C1	D1	C2	D2
Acerbi-Viberti										
38/840050R0			711 ÷ 435		60 ÷ 71		55 ÷ 20		55 ÷ 20	
38/840091R0	assale		400 ÷ 280		60 ÷ 71		46 ÷ 20		46 ÷ 20	
45/717415R0			457 ÷ 312		65 ÷ 75		46 ÷ 20		46 ÷ 20	
45/752552R0			468 ÷ 320		65 ÷ 75		55 ÷ 20		55 ÷ 20	
45/763112R0			685 ÷ 432		65 ÷ 75		52 ÷ 24		52 ÷ 24	
45/763117R0	Sospensione pneumatica		580 ÷ 375		65 ÷ 75		52 ÷ 24		52 ÷ 24	
45/830099R0	150 NC17/ NC20/NR20 var. 8...		637 ÷ 400		65 ÷ 75		46 ÷ 20		46 ÷ 20	
45/840016R0	Rimorchi e assali		472 ÷ 323		65 ÷ 75		52 ÷ 24		52 ÷ 24	
45/840048R0	Assale autosterzante		430 ÷ 300		72 ÷ 83		46 ÷ 20		46 ÷ 20	
45/840051R0	Ammortizzatore rinforzato		415 ÷ 282		72 ÷ 83		46 ÷ 20		46 ÷ 20	
45/840069R0	sospensione pneumatica-tip...		680 ÷ 434		72 ÷ 104		52 ÷ 24		52 ÷ 24	
Adige										
45/840048R0	Assale autosterzante		430 ÷ 300		72 ÷ 83		46 ÷ 20		46 ÷ 20	
ADR										
45/790040R0	assale autosterzante con m...		617 ÷ 417		71 ÷ 113		52 ÷ 24		52 ÷ 24	
Austeras										
45/840067R0	Assale Autosterzante orizz...		637 ÷ 400		76 ÷ 86		46 ÷ 20		46 ÷ 20	
Bartoletti										
38/738363R0	Assale autosterzante		553 ÷ 355		60 ÷ 71		46 ÷ 20		46 ÷ 20	
38/840080R0	semirimorchio		655 ÷ 410		60 ÷ 71		46 ÷ 20		46 ÷ 20	
45/763112R0	Sospensione pneumatica		685 ÷ 432		65 ÷ 75		52 ÷ 24		52 ÷ 24	
45/840056R0	rimorchio		526 ÷ 350		65 ÷ 75		52 ÷ 24		52 ÷ 24	
45/840061R0	inclinazione maggiorata		555 ÷ 355		72 ÷ 83		46 ÷ 20		46 ÷ 20	
45/840069R0	sospensione pneumatica-tip...		680 ÷ 434		72 ÷ 104		52 ÷ 24		52 ÷ 24	
Battaglino										
38/840080R0	semirimorchio		655 ÷ 410		60 ÷ 71		46 ÷ 20		46 ÷ 20	
45/745374R0	Assale Autosterzante		555 ÷ 352		70 ÷ 83		46 ÷ 20		46 ÷ 20	



MSA	Model	Pos.	Aperto	Chiuso	A	B	C1	D1	C2	D2
45/763049R0	Sospensione pneumatica		644 ÷ 404		65 ÷ 75		46 ÷ 20		46 ÷ 20	
45/763112R0	Sospensione pneumatica		685 ÷ 432		65 ÷ 75		52 ÷ 24		52 ÷ 24	
45/840041R0			430 ÷ 302		65 ÷ 75		62 ÷ 20		62 ÷ 20	
45/840048R0	Assale autosterzante		430 ÷ 300		72 ÷ 83		46 ÷ 20		46 ÷ 20	
45/840060R0			496 ÷ 326		65 ÷ 75		55 ÷ 24		55 ÷ 24	
45/840061R0	inclinazione maggiorata		555 ÷ 355		72 ÷ 83		46 ÷ 20		46 ÷ 20	
45/840067R0	Assale Autosterzante orizz...		637 ÷ 400		76 ÷ 86		46 ÷ 20		46 ÷ 20	
45/840087R0	Assale orrizzontale		510 ÷ 334		72 ÷ 83		46 ÷ 20		46 ÷ 20	
Bertoja										
45/763049R0	Sospensione pneumatica		644 ÷ 404		65 ÷ 75		46 ÷ 20		46 ÷ 20	
45/763050R0			432 ÷ 300		65 ÷ 75		62 ÷ 20		62 ÷ 20	
45/763112R0	Sospensione pneumatica		685 ÷ 432		65 ÷ 75		52 ÷ 24		52 ÷ 24	
45/840045R0	sospensione pneumatica		432 ÷ 300		65 ÷ 75		55 ÷ 24		55 ÷ 24	
45/840071R0	Sospensione pneumatica tip...		425 ÷ 300		72 ÷ 104		62 ÷ 20		62 ÷ 20	
Bolgan										
45/840041R0			430 ÷ 302		65 ÷ 75		62 ÷ 20		62 ÷ 20	
45/840071R0	Sospensione pneumatica tip...		425 ÷ 300		72 ÷ 104		62 ÷ 20		62 ÷ 20	
Bossini										
32/752550R0	ASSALE AUTOSTERZANTE ORIZZ...		555 ÷ 352		50 ÷ 60		46 ÷ 20		46 ÷ 20	
BPW										
32/840093R0			353 ÷ 253		50 ÷ 60		42 ÷ 14		42 ÷ 14	
45/717414R0	Sospensione pneumatica		695 ÷ 430		65 ÷ 75		55 ÷ 24		55 ÷ 24	
45/752558R0			424 ÷ 292		65 ÷ 75		55 ÷ 24		55 ÷ 24	
45/763137R0	Assale autosterzante		654 ÷ 411		71 ÷ 83		55 ÷ 24		55 ÷ 24	
45/840012R0			795 ÷ 475		65 ÷ 75		55 ÷ 24		55 ÷ 24	
45/840013R0	Assale		800 ÷ 475		65 ÷ 75		55 ÷ 24		55 ÷ 24	
45/840019R0			541 ÷ 351		65 ÷ 75		55 ÷ 24		55 ÷ 24	
45/840023R0			496 ÷ 326		65 ÷ 75		55 ÷ 24		55 ÷ 24	



MSA	Model	Pos.	Aperto	Chiuso	A	B	C1	D1	C2	D2
45/840024R0			432 ÷ 292		65 ÷ 75		55 ÷ 24		55 ÷ 24	
45/840025R0			412 ÷ 287		65 ÷ 75		55 ÷ 24		55 ÷ 24	
45/840026R0			541 ÷ 351		65 ÷ 75		55 ÷ 24		55 ÷ 24	
45/840027R0			696 ÷ 426		65 ÷ 75		55 ÷ 24		55 ÷ 24	
45/840028R0			795 ÷ 475		65 ÷ 75		55 ÷ 24		55 ÷ 24	
45/840059R0	Assale O/OM/OT		698 ÷ 434		65 ÷ 75		55 ÷ 24		55 ÷ 24	
45/840060R0			496 ÷ 326		65 ÷ 75		55 ÷ 24		55 ÷ 24	
45/840065R0			785 ÷ 480		72 ÷ 83		55 ÷ 24		55 ÷ 24	
45/840075R0			764 ÷ 467		65 ÷ 75		55 ÷ 24		55 ÷ 24	
45/840082R0	3° asse MERCEDES ACTROS		765 ÷ 465		65 ÷ 75		55 ÷ 24		55 ÷ 24	
Calabrese										
38/840080R0	semirimorchio		655 ÷ 410		60 ÷ 71		46 ÷ 20		46 ÷ 20	
Campana										
38/738363R0	Assale autosterzante		553 ÷ 355		60 ÷ 71		46 ÷ 20		46 ÷ 20	
Car Veneta										
45/840067R0	Assale Autosterzante orizz...		637 ÷ 400		76 ÷ 86		46 ÷ 20		46 ÷ 20	
Cardi										
38/738363R0	Assale autosterzante		553 ÷ 355		60 ÷ 71		46 ÷ 20		46 ÷ 20	
45/763050R0	Copripolvere piccolo		432 ÷ 300		65 ÷ 75		62 ÷ 20		62 ÷ 20	
45/763112R0			685 ÷ 423		65 ÷ 75		52 ÷ 24		52 ÷ 24	
45/840023R0	Amm. Ø45 verticale		496 ÷ 326		65 ÷ 75		55 ÷ 24		55 ÷ 24	
45/840058R0	Sospensione pneumatica		562 ÷ 362		65 ÷ 75		46 ÷ 20		46 ÷ 20	
45/840061R0	inclinazione maggiorata		555 ÷ 355		72 ÷ 83		46 ÷ 20		46 ÷ 20	
45/840069R0	sospensione pneumatica-tip...		680 ÷ 434		72 ÷ 104		52 ÷ 24		52 ÷ 24	
45/840071R0	Copripolvere grande		425 ÷ 300		72 ÷ 104		62 ÷ 20		62 ÷ 20	
Cordero										
38/840080R0	semirimorchio		655 ÷ 410		60 ÷ 71		46 ÷ 20		46 ÷ 20	
45/763049R0	Sospensione pneumatica		644 ÷ 404		65 ÷ 75		46 ÷ 20		46 ÷ 20	



MSA	Model	Pos.	Aperto	Chiuso	A	B	C1	D1	C2	D2
45/840048R0	Assale autosterzante		430 ÷ 300		72 ÷ 83		46 ÷ 20		46 ÷ 20	
DAF										
45/763089R0	G 230		475 ÷ 315		65 ÷ 75		62 ÷ 24		62 ÷ 24	
EGE										
38/738363R0	Assale autosterzante		553 ÷ 355		60 ÷ 71		46 ÷ 20		46 ÷ 20	
Fia Ceschi										
38/738217R0	assale		728 ÷ 442		60 ÷ 71		46 ÷ 20		46 ÷ 20	
38/738363R0	assale autosterzante		553 ÷ 355		60 ÷ 71		46 ÷ 20		46 ÷ 20	
45/745374R0	Assale Autosterzante		555 ÷ 355		72 ÷ 83		46 ÷ 20		46 ÷ 20	
45/830194R0	619 T1		680 ÷ 420		65 ÷ 75		46 ÷ 20		46 ÷ 20	
45/840061R0	inclinazione maggiorata		555 ÷ 355		72 ÷ 83		46 ÷ 20		46 ÷ 20	
45/840068R0	Assale		510 ÷ 335		65 ÷ 75		46 ÷ 20		46 ÷ 20	
Fruehauf - General Trailers - SMB										
32/840092R0	assale		810 ÷ 480		50 ÷ 60		55 ÷ 20		55 ÷ 20	
38/738366R0			417 ÷ 277		60 ÷ 71		46 ÷ 20		46 ÷ 20	
38/840050R0	Sospensione pneumatica		711 ÷ 435		60 ÷ 71		55 ÷ 20		55 ÷ 20	
38/840081R0	Sospensione pneumatica		376 ÷ 280		60 ÷ 71		45 ÷ 20		45 ÷ 20	
45/717415R0	Sospensione pneumatica		457 ÷ 312		65 ÷ 75		46 ÷ 20		46 ÷ 20	
45/752552R0			468 ÷ 320		65 ÷ 75		55 ÷ 20		55 ÷ 20	
45/763075R0	0		471 ÷ 330		65 ÷ 75		55 ÷ 24		55 ÷ 24	
45/840000R0			470 ÷ 325		65 ÷ 75		55 ÷ 20		55 ÷ 20	
45/840001R0			421 ÷ 308		65 ÷ 75		55 ÷ 20		55 ÷ 20	
45/840002R0			363 ÷ 259		65 ÷ 75		55 ÷ 20		55 ÷ 20	
45/840013R0			800 ÷ 475		65 ÷ 75		55 ÷ 24		55 ÷ 24	
45/840065R0			785 ÷ 480		72 ÷ 83		55 ÷ 24		55 ÷ 24	
45/840076R0	ammortizzatore per assale		471 ÷ 327		65 ÷ 75		55 ÷ 20		55 ÷ 24	
GIGANT										
45/763114R0	Sospensione pneumatica		495 ÷ 325		65 ÷ 75		55 ÷ 24		55 ÷ 24	



MSA	Model	Pos.	Aperto	Chiuso	A	B	C1	D1	C2	D2
45/763119R0			496 ÷ 326		65 ÷ 75		55 ÷ 24		55 ÷ 24	
45/840030R0			425 ÷ 290		65 ÷ 75		55 ÷ 24		55 ÷ 24	
45/840077R0	Sospensione pneumatica		500 ÷ 330		65 ÷ 75		55 ÷ 24		55 ÷ 24	
GIRELLI										
38/840080R0	semirimorchio		655 ÷ 410		60 ÷ 71		46 ÷ 20		46 ÷ 20	
45/763049R0	Sospensione pneumatica		644 ÷ 404		65 ÷ 75		46 ÷ 20		46 ÷ 20	
45/840067R0	Assale Autosterzante orizz...		637 ÷ 400		76 ÷ 86		46 ÷ 20		46 ÷ 20	
GKN - FAD										
32/752550R0	ASSALE AUTOSTERZANTE ORIZZ...		555 ÷ 352		50 ÷ 60		46 ÷ 20		46 ÷ 20	
45/745374R0	Assale Autosterzante		555 ÷ 355		72 ÷ 83		46 ÷ 20		46 ÷ 20	
45/840049R0	Assale Autosterzante		735 ÷ 447		76 ÷ 86		46 ÷ 20		46 ÷ 20	
45/840060R0			496 ÷ 326		65 ÷ 75		55 ÷ 24		55 ÷ 24	
45/840061R0	inclinazione maggiorata		555 ÷ 355		72 ÷ 83		46 ÷ 20		46 ÷ 20	
45/840066R0	assale autosterzante		555 ÷ 355		76 ÷ 86		46 ÷ 20		46 ÷ 20	
HENDRICKSON										
45/840038R0	0		390 ÷ 270		65 ÷ 75		50 ÷ 20		50 ÷ 20	
45/840070R0			445 ÷ 310		65 ÷ 75		50 ÷ 22		84 ÷ 0	
KASSBOHRER										
38/840046R0	Sospensione pneumatica		560 ÷ 360		60 ÷ 71		50 ÷ 16		50 ÷ 16	
LANGENDORF										
45/763089R0			475 ÷ 315		65 ÷ 75		62 ÷ 24		62 ÷ 24	
LECITRAILER										
45/745400R0	Sospensione pneumatica		432 ÷ 300		65 ÷ 75		58 ÷ 24		58 ÷ 24	
45/745401R0	Sospensione pneumatica		375 ÷ 275		65 ÷ 75		58 ÷ 24		58 ÷ 24	
45/745404R0	Sospensione pneumatica		384 ÷ 287		70 ÷ 83		58 ÷ 24		58 ÷ 24	
45/752552R0			468 ÷ 320		65 ÷ 75		55 ÷ 20		55 ÷ 20	
45/763075R0	0		471 ÷ 330		65 ÷ 75		55 ÷ 24		55 ÷ 24	
45/840019R0			541 ÷ 351		65 ÷ 75		55 ÷ 24		55 ÷ 24	



MSA	Model	Pos.	Aperto	Chiuso	A	B	C1	D1	C2	D2
45/840023R0	Amm. Ø45 verticale		496 ÷ 326		65 ÷ 75		55 ÷ 24		55 ÷ 24	
45/840029R0			484 ÷ 317		66 ÷ 75		68 ÷ 20		78 ÷ 20	
45/840038R0	0		390 ÷ 270		65 ÷ 75		50 ÷ 20		50 ÷ 20	
45/840039R0	Sospensione pneumatica		475 ÷ 317		65 ÷ 75		62 ÷ 20		62 ÷ 20	
45/840041R0	(sosp. WEWELER)		430 ÷ 302		65 ÷ 75		62 ÷ 20		62 ÷ 20	
45/840060R0	Sospensione pneumatica		496 ÷ 326		65 ÷ 75		55 ÷ 24		55 ÷ 24	
45/840062R0	Sospensione pneumatica		334 ÷ 243		65 ÷ 75		58 ÷ 16		58 ÷ 16	
LOHR										
45/752552R0			468 ÷ 320		65 ÷ 75		55 ÷ 20		55 ÷ 20	
45/752553R0			486 ÷ 326		72 ÷ 83		46 ÷ 20		46 ÷ 20	
MERCEDES										
45/840038R0			390 ÷ 270		65 ÷ 75		50 ÷ 20		50 ÷ 20	
MIELE										
38/840080R0	semirimorchio		655 ÷ 410		60 ÷ 71		46 ÷ 20		46 ÷ 20	
45/763079R0	0		432 ÷ 300		70 ÷ 83		55 ÷ 24		55 ÷ 24	
45/763112R0	Sospensione pneumatica		685 ÷ 432		65 ÷ 75		52 ÷ 24		52 ÷ 24	
45/840041R0			430 ÷ 302		65 ÷ 75		62 ÷ 20		62 ÷ 20	
45/840060R0			496 ÷ 326		65 ÷ 75		55 ÷ 24		55 ÷ 24	
MISTRAL										
45/840055R0	Sospensione pneumatica		428 ÷ 290		65 ÷ 75		52 ÷ 24		52 ÷ 24	
MONTENEGRO IBERICA										
38/840054R0	Semirimorchio		536 ÷ 355		60 ÷ 71		55 ÷ 22		55 ÷ 22	
OMAR										
45/763108R0	Sospensione pneumatica		685 ÷ 432		65 ÷ 75		52 ÷ 24		52 ÷ 24	
OMT										
45/717403R0	ASSALE		488 ÷ 333		65 ÷ 75		46 ÷ 20		46 ÷ 20	
45/840041R0	Copripolvere piccolo		430 ÷ 302		65 ÷ 75		62 ÷ 20		62 ÷ 20	
45/840071R0	Copripolvere grande		425 ÷ 300		72 ÷ 104		62 ÷ 20		62 ÷ 20	



MSA	Model	Pos.	Aperto	Chiuso	A	B	C1	D1	C2	D2
PEZZAIOLI										
45/763113R0	Sospensione pneumatica		764 ÷ 467		65 ÷ 75		55 ÷ 24		55 ÷ 24	
45/840060R0			496 ÷ 326		65 ÷ 75		55 ÷ 24		55 ÷ 24	
PIACENZA										
45/717403R0	ASSALE		488 ÷ 333		65 ÷ 75		46 ÷ 20		46 ÷ 20	
45/745231R0			544 ÷ 356		65 ÷ 75		46 ÷ 20		46 ÷ 20	
45/763112R0	Sospensione pneumatica		685 ÷ 432		65 ÷ 75		52 ÷ 24		52 ÷ 24	
45/840023R0	Amm. Ø45 verticale		496 ÷ 326		65 ÷ 75		55 ÷ 24		55 ÷ 24	
45/840068R0	Assale		510 ÷ 335		65 ÷ 75		46 ÷ 20		46 ÷ 20	
R.O.R.- MERITOR										
32/752550R0	ASSALE AUTOSTERZANTE ORIZZ...		555 ÷ 352		50 ÷ 60		46 ÷ 20		46 ÷ 20	
38/738363R0	assale autosterzante		553 ÷ 355		60 ÷ 71		46 ÷ 20		46 ÷ 20	
45/745374R0	Assale Autosterzante		555 ÷ 355		72 ÷ 83		46 ÷ 20		46 ÷ 20	
45/745400R0	Sospensione pneumatica		432 ÷ 300		65 ÷ 75		58 ÷ 24		58 ÷ 24	
45/745401R0	Sospensione pneumatica		375 ÷ 275		65 ÷ 75		58 ÷ 24		58 ÷ 24	
45/745404R0	Sospensione pneumatica		384 ÷ 287		70 ÷ 83		58 ÷ 24		58 ÷ 24	
45/763075R0	0		471 ÷ 330		65 ÷ 75		55 ÷ 24		55 ÷ 24	
45/840039R0	Sospensione pneumatica		475 ÷ 317		65 ÷ 75		62 ÷ 20		62 ÷ 20	
45/840041R0	0		430 ÷ 302		65 ÷ 75		62 ÷ 20		62 ÷ 20	
45/840062R0	Sospensione pneumatica		334 ÷ 243		65 ÷ 75		58 ÷ 16		58 ÷ 16	
45/840067R0	Assale Autosterzante orizz...		637 ÷ 400		76 ÷ 86		46 ÷ 20		46 ÷ 20	
45/840096R0	Amm. verticale		382 ÷ 278		72 ÷ 83		58 ÷ 24		58 ÷ 24	
RENAULT										
45/763089R0	G 230		475 ÷ 315		65 ÷ 75		62 ÷ 24		62 ÷ 24	
ROLFO										
38/840080R0	semirimorchio		655 ÷ 410		60 ÷ 71		46 ÷ 20		46 ÷ 20	
45/745231R0			544 ÷ 356		65 ÷ 75		46 ÷ 20		46 ÷ 20	
45/763049R0	Sospensione pneumatica		644 ÷ 404		65 ÷ 75		46 ÷ 20		46 ÷ 20	



MSA	Model	Pos.	Aperto	Chiuso	A	B	C1	D1	C2	D2
45/763112R0	Sospensione pneumatica		685 ÷ 432		65 ÷ 75		52 ÷ 24		52 ÷ 24	
45/840008R0	Rimorchio		422 ÷ 301		65 ÷ 75		52 ÷ 24		52 ÷ 24	
45/840031R0	ASSALE		507 ÷ 334		65 ÷ 75		46 ÷ 20		46 ÷ 20	
45/840060R0			496 ÷ 326		65 ÷ 75		55 ÷ 24		55 ÷ 24	
45/840068R0	Assale		510 ÷ 335		65 ÷ 75		46 ÷ 20		46 ÷ 20	
45/840074R0	Sospensione pneumatica		491 ÷ 333		65 ÷ 75		52 ÷ 24		52 ÷ 24	
45/840075R0			764 ÷ 467		65 ÷ 75		55 ÷ 24		55 ÷ 24	
ROMANAZZI										
38/738363R0	Assale autosterzante		553 ÷ 355		60 ÷ 71		46 ÷ 20		46 ÷ 20	
SAF										
38/840053R0	AR-413		618 ÷ 388		60 ÷ 71		45 ÷ 20		45 ÷ 20	
38/840078R0	Sospensione pneumatica		505 ÷ 335		60 ÷ 71		44 ÷ 20		50 ÷ 20	
45/752558R0			424 ÷ 292		65 ÷ 75		55 ÷ 24		55 ÷ 24	
45/752560R0			540 ÷ 350		65 ÷ 75		55 ÷ 24		55 ÷ 24	
45/763089R0	G 230		475 ÷ 315		65 ÷ 75		62 ÷ 24		62 ÷ 24	
45/763137R0	Assale autosterzante		654 ÷ 411		71 ÷ 83		55 ÷ 24		55 ÷ 24	
45/840011R0	Intradisc Plus II		532 ÷ 342		66 ÷ 75		68 ÷ 20		78 ÷ 20	
45/840023R0	Amm. Ø45 verticale		496 ÷ 326		65 ÷ 75		55 ÷ 24		55 ÷ 24	
45/840029R0			484 ÷ 317		66 ÷ 75		68 ÷ 20		78 ÷ 20	
45/840039R0	Sospensione pneumatica		475 ÷ 317		65 ÷ 75		62 ÷ 20		62 ÷ 20	
45/840040R0	0		416 ÷ 281		66 ÷ 75		68 ÷ 20		78 ÷ 20	
45/840075R0			764 ÷ 467		65 ÷ 75		55 ÷ 24		55 ÷ 24	
45/840084R0	Sospensione pneumatica		475 ÷ 315		65 ÷ 75		55 ÷ 24		55 ÷ 24	
SAMRO										
45/840020R0			475 ÷ 325		65 ÷ 75		62 ÷ 20		62 ÷ 20	
45/840022R0			475 ÷ 325		65 ÷ 75		62 ÷ 20		62 ÷ 20	
SCHMITZ										
45/840019R0			541 ÷ 351		65 ÷ 75		55 ÷ 24		55 ÷ 24	



MSA	Model	Pos.	Aperto	Chiuso	A	B	C1	D1	C2	D2
45/840039R0	Sospensione pneumatica		475 ÷ 317		65 ÷ 75		62 ÷ 20		62 ÷ 20	
SIRMAC SIMA										
45/840048R0	Assale autosterzante		430 ÷ 300		72 ÷ 83		46 ÷ 20		46 ÷ 20	
45/840067R0	Assale Autosterzante orizz...		637 ÷ 400		76 ÷ 86		46 ÷ 20		46 ÷ 20	
STEFEN										
32/752550R0	ASSALE AUTOSTERZANTE ORIZZ...		555 ÷ 352		50 ÷ 60		46 ÷ 20		46 ÷ 20	
38/738363R0	Assale autosterzante		553 ÷ 355		60 ÷ 71		46 ÷ 20		46 ÷ 20	
38/840033R0	Assale sterzante		641 ÷ 393		60 ÷ 71		46 ÷ 20		46 ÷ 20	
45/745374R0	Assale Autosterzante		555 ÷ 355		72 ÷ 83		46 ÷ 20		46 ÷ 20	
45/790040R0	assale autosterzante con m...		617 ÷ 417		71 ÷ 113		52 ÷ 24		52 ÷ 24	
45/840032R0	Mono ammortizzatore centra...		636 ÷ 397		72 ÷ 83		46 ÷ 20		46 ÷ 20	
45/840067R0	Assale Autosterzante orizz...		637 ÷ 400		76 ÷ 86		46 ÷ 20		46 ÷ 20	
45/840085R0	Sospensione pneumatica		550 ÷ 344		65 ÷ 75		55 ÷ 24		🏗️ ÷ 🏗️	
45/840090R0	assale		432 ÷ 300		65 ÷ 75		55 ÷ 24		55 ÷ 24	
TECMA										
38/738363R0	Assale autosterzante		553 ÷ 355		60 ÷ 71		46 ÷ 20		46 ÷ 20	
45/745374R0	Assale Autosterzante		555 ÷ 355		72 ÷ 83		46 ÷ 20		46 ÷ 20	
45/763079R0	ammortizzatore per assale		432 ÷ 300		70 ÷ 83		55 ÷ 24		55 ÷ 24	
45/840048R0	Assale autosterzante		430 ÷ 300		72 ÷ 83		46 ÷ 20		46 ÷ 20	
TRAILOR										
38/763092R0			505 ÷ 336		60 ÷ 71		55 ÷ 20		55 ÷ 20	
45/752552R0			468 ÷ 320		65 ÷ 75		55 ÷ 20		55 ÷ 20	
45/763089R0	G 230		475 ÷ 315		65 ÷ 75		62 ÷ 24		62 ÷ 24	
45/763137R0	Assale autosterzante		654 ÷ 411		71 ÷ 83		55 ÷ 24		55 ÷ 24	
45/840001R0			421 ÷ 308		65 ÷ 75		55 ÷ 20		55 ÷ 20	
45/840039R0	Sospensione pneumatica		475 ÷ 317		65 ÷ 75		62 ÷ 20		62 ÷ 20	
WEWELER										
45/745400R0	Sospensione pneumatica		432 ÷ 300		65 ÷ 75		58 ÷ 24		58 ÷ 24	



MSA	Model	Pos.	Aperto	Chiuso	A	B	C1	D1	C2	D2
45/763089R0	G 230		475 ÷ 315		65 ÷ 75		62 ÷ 24		62 ÷ 24	
45/840041R0	(sosp. WEWELER)		430 ÷ 302		65 ÷ 75		62 ÷ 20		62 ÷ 20	
ZORZI										
45/745374R0	Assale Autosterzante		555 ÷ 355		72 ÷ 83		46 ÷ 20		46 ÷ 20	
45/763048R0			764 ÷ 467		65 ÷ 75		52 ÷ 24		52 ÷ 24	
45/763049R0	Sospensione pneumatica		644 ÷ 404		65 ÷ 75		46 ÷ 20		46 ÷ 20	
45/763050R0			432 ÷ 300		65 ÷ 75		62 ÷ 20		62 ÷ 20	
45/840021R0			425 ÷ 297		65 ÷ 75		55 ÷ 24		55 ÷ 24	
45/840055R0	Sospensione pneumatica		428 ÷ 290		65 ÷ 75		52 ÷ 24		52 ÷ 24	
45/840056R0	rimorchio		526 ÷ 350		65 ÷ 75		52 ÷ 24		52 ÷ 24	
45/840057R0			462 ÷ 322		65 ÷ 75		52 ÷ 24		52 ÷ 24	
45/840067R0	Assale Autosterzante orizz...		637 ÷ 400		76 ÷ 86		46 ÷ 20		46 ÷ 20	
45/840071R0	Sospensione pneumatica tip...		425 ÷ 300		72 ÷ 104		62 ÷ 20		62 ÷ 20	
LEYLAND										
45/763079R0			432 ÷ 300		70 ÷ 83		55 ÷ 24		55 ÷ 24	
T.V.Z.										
45/745374R0	Assale Autosterzante		555 ÷ 355		72 ÷ 83		46 ÷ 20		46 ÷ 20	
BMC										
38/738363R0	Assale autosterzante		553 ÷ 355		60 ÷ 71		46 ÷ 20		46 ÷ 20	



MSA	Model	Pos.	Aperto	Chiuso	A	B	C1	D1	C2	D2
Astra										
45/738373R0	0	Ant	636 ÷ 396		60 ÷ 70		52 ÷ 20		52 ÷ 20	
45/752727R0	Astra	Ant	650 ÷ 427		76 ÷ 86		52 ÷ 20		52 ÷ 20	
45/752728R0	Astra	Pos	810 ÷ 490		76 ÷ 86		52 ÷ 20		52 ÷ 20	
45/830171R0	BM 300	Ant	578 ÷ 365		65 ÷ 75		46 ÷ 20		46 ÷ 20	
45/830175R0	BM 304/ 305 STD	Ant	635 ÷ 396		72 ÷ 83		46 ÷ 20		46 ÷ 20	
45/830190R0	6500 - BM84.37 - BM314	Ant	655 ÷ 425		65 ÷ 75		52 ÷ 20		52 ÷ 20	
Bremach										
38/830037R0	100.13	Ant	594 ÷ 365		60 ÷ 71		38 ÷ 16		38 ÷ 16	
C.V.S.										
45/830174R0	643 N/N1/T	Ant	513 ÷ 335		72 ÷ 83		46 ÷ 20		46 ÷ 20	
DAF										
32/830049R0	FA 45	Ant	684 ÷ 395		50 ÷ 60		■ ÷ ■		■ ÷ ■	
32/830071R0	FA 45	Ant	703 ÷ 400		50 ÷ 60		■ ÷ ■		■ ÷ ■	
45/732208R0	FA 65/ 75/ 85/ 95	Ant	628 ÷ 380		72 ÷ 83		50 ÷ 20		■ ÷ ■	
45/732229R0	FA 65/ 75/ 85/ 95	Pos	670 ÷ 422		72 ÷ 83		62 ÷ 30		62 ÷ 20	
45/830040R0	FA/FAS 2100/2800/3300/3600	Pos	674 ÷ 423		72 ÷ 83		50 ÷ 20		50 ÷ 20	
45/830123R0	FA 1600 DF/DT/DTD (1970->1...	Ant	694 ÷ 414		72 ÷ 83		50 ÷ 26		■ ÷ ■	
45/830144R0	CF75-CF85-95	Pos	839 ÷ 480		72 ÷ 83		■ ÷ ■		■ ÷ ■	
45/830155R0	FA/FT 1600	Ant	694 ÷ 414		70 ÷ 83		50 ÷ 26		■ ÷ ■	
45/830192R0	Serie FAG 2500-FA-65-3000-...	Ant/Pos	647 ÷ 380		72 ÷ 83		■ ÷ ■		■ ÷ ■	
45/830218R0	FTS 75/85/95	Pos	692 ÷ 430		72 ÷ 83		62 ÷ 30		62 ÷ 20	
45/830223R0	FA 1600 DF/DT/DTD (1970->1...	Pos	633 ÷ 372		72 ÷ 83		■ ÷ ■		■ ÷ ■	
45/830241R0	85CF - 95 XF	Ant	697 ÷ 404		72 ÷ 83		■ ÷ ■		■ ÷ ■	
45/830242R0	85CF - 95 XF	Pos	665 ÷ 415		72 ÷ 83		50 ÷ 20		62 ÷ 20	
45/830258R0	FAC 95	Pos	768 ÷ 450		72 ÷ 83		50 ÷ 20		■ ÷ ■	
45/830259R0	FAS/FAT/FTS 1600	Pos	792 ÷ 462		72 ÷ 83		50 ÷ 25		■ ÷ ■	
IRAN KHODRO DIESEL										



MSA	Model	Pos.	Aperto	Chiuso	A	B	C1	D1	C2	D2
38/830005R0		-	÷		÷		÷		÷	
IRISBUS										
32/820126R0	Bus ILIADE / ARES	Pos	643 ÷ 393		50 ÷ 60		45 ÷ 20		🏗️ ÷ 🏗️	
Iveco										
27/732354R0	S2000 - 30/34	Pos	500 ÷ 315		41,5 ÷ 48		38 ÷ 16		38 ÷ 16	
27/732355R0	29S - 35S	Pos	479 ÷ 303		41,5 ÷ 48		38 ÷ 16		38 ÷ 16	
27/732356R0	S2000 - 29S/35S	Pos	515 ÷ 320		41,5 ÷ 48		38 ÷ 16		38 ÷ 16	
27/780013R0	SPECIAL CITY VERSION	Ant	421 ÷ 274		41,5 ÷ 48		38 ÷ 16		38 ÷ 16	
27/780015R0	DAILY 59.12	Pos	537 ÷ 341		41,5 ÷ 48		38 ÷ 16		38 ÷ 16	
27/830016R0	35,8 - 40,8	Pos	574 ÷ 352		41,5 ÷ 48		38 ÷ 16		38 ÷ 16	
27/830200R0	35 S2000 DAILY	-	405 ÷ 304		÷		÷		÷	
32/727352R0	45 - 49.10	Pos	559 ÷ 367		50 ÷ 60		40 ÷ 16		40 ÷ 16	
32/732205R0	50.8/50.9/50.10 55.8/55.9/...	Ant	567 ÷ 353		50 ÷ 60		38 ÷ 16		38 ÷ 16	
32/732261R0	65 NC	Ant	617 ÷ 374		50 ÷ 60		38 ÷ 16		38 ÷ 16	
32/738210R0		Pos	670 ÷ 403		50 ÷ 60		42 ÷ 18		42 ÷ 18	
32/752720R0	60EK - 65EK - 75EK	Ant	663 ÷ 396		50 ÷ 60		38 ÷ 16		38 ÷ 16	
32/752722R0	65EP - 75EP - 65E - 75E - ...	Ant	618 ÷ 378		50 ÷ 60		38 ÷ 16		38 ÷ 16	
32/752723R0	60EP - 65EP - 75EP - 60E - ...	Ant	662 ÷ 396		50 ÷ 60		38 ÷ 16		38 ÷ 16	
32/752725R0	80EP - 90EP - 100EP	Ant	618 ÷ 378		50 ÷ 60		38 ÷ 16		38 ÷ 16	
32/770920R0	EUROCARGO 120 E15/E18/E23 ...	Ant	696 ÷ 411		50 ÷ 60		46 ÷ 20		🏗️ ÷ 🏗️	
32/770927R0	EUROCARGO 80 E/ET/EH 100 E	Ant	618 ÷ 381		50 ÷ 60		38 ÷ 16		38 ÷ 16	
32/770989R0	50.8/50.9/50.10 55.8/55.9/...	Pos	569 ÷ 351		50 ÷ 60		38 ÷ 16		38 ÷ 16	
32/770990R0	50.8/50.9/50.10 55.8/55.9/...	Pos	578 ÷ 360		50 ÷ 60		42 ÷ 18		42 ÷ 18	
32/770991R0	SPR1 60E-65E-75E	Ant	662 ÷ 396		50 ÷ 60		38 ÷ 16		38 ÷ 16	
32/780002R0	35-40-45-49	Ant	421 ÷ 274		50 ÷ 60		38 ÷ 16		38 ÷ 16	
32/780017R0	NEW DAILY 35 van-35,8-35,1...	Pos	544 ÷ 337		50 ÷ 60		38 ÷ 16		38 ÷ 16	
32/780019R0		Pos	570 ÷ 350		50 ÷ 60		38 ÷ 16		38 ÷ 16	
32/830019R0	190.26N/.26H/.26HW 190.30H...	Ant	718 ÷ 430		50 ÷ 60		40 ÷ 16		40 ÷ 16	



MSA	Model	Pos.	Aperto	Chiuso	A	B	C1	D1	C2	D2
32/830023R0	EUROCARGO 75 E12/E14/E15 8...	Pos	617 ÷ 391	50 ÷ 60	45 ÷ 20	45 ÷ 20				
32/830065R0	65.9/65.10	Pos	581 ÷ 358	50 ÷ 60	42 ÷ 18	42 ÷ 18				
32/830089R0	EUROCARGO KIPPER 60 EK/ 65...	Ant	662 ÷ 396	50 ÷ 60	38 ÷ 16	38 ÷ 16				
32/830105R0	SPR2	Pos	800 ÷ 455	50 ÷ 60			■ ÷ ■		■ ÷ ■	
32/830121R0	Magirus-Deutz 160-23 AH,AH...	Ant	647 ÷ 390	50 ÷ 60	40 ÷ 16	40 ÷ 16				
32/830122R0	DAILY 59.12	Pos	537 ÷ 341	50 ÷ 60	38 ÷ 16	38 ÷ 16				
32/830134R0	SPR-1 80EP-100EP	Ant	618 ÷ 381	50 ÷ 60	38 ÷ 16	38 ÷ 16				
32/830135R0	SPR-1 320ET	Ant	709 ÷ 409	50 ÷ 60	46 ÷ 20				■ ÷ ■	
32/830139R0	SPR-1 170E	Pos	666 ÷ 396	50 ÷ 60	46 ÷ 20				■ ÷ ■	
32/830168R0	NKW - G75 - 90BR	Pos	661 ÷ 411	50 ÷ 60			■ ÷ ■		45 ÷ 20	
32/830191R0	Tigrotto - Leoncino - Cerb...	Ant	500 ÷ 322	50 ÷ 60	38 ÷ 16	38 ÷ 16				
32/830224R0	NKW G80-90BR	Ant	766 ÷ 445	50 ÷ 60	46 ÷ 20				■ ÷ ■	
32/830232R0	Tigrotto 35/45 - Leoncino ...	Ant/Pos	520 ÷ 335	50 ÷ 60	38 ÷ 16	38 ÷ 16				
38/727353R0	VM-90A	Ant	465 ÷ 303	60 ÷ 71	38 ÷ 16	38 ÷ 16				
38/732209R0	79.14 (1984->)	Pos	549 ÷ 349	60 ÷ 71	42 ÷ 42	18 ÷ 18				
38/732210R0		Ant	636 ÷ 386	60 ÷ 71	42 ÷ 18	42 ÷ 18				
38/732226R0	VM90-A	Pos	646 ÷ 388	60 ÷ 71	40 ÷ 12	40 ÷ 12				
38/732227R0	40.10 WM (4x4)	Pos	525 ÷ 334	60 ÷ 71	40 ÷ 12	40 ÷ 12				
38/738212R0	EUROTECH-EUROSTAR 240 ETN ...	Pos	839 ÷ 491	66 ÷ 75	55 ÷ 20	55 ÷ 20				
38/738213R0	EUROTECH-EUROSTAR 400 ETFP...	Pos	652 ÷ 407	66 ÷ 75	55 ÷ 20	55 ÷ 20				
38/738214R0	Anteriore	Ant	685 ÷ 417	60 ÷ 71	46 ÷ 20	46 ÷ 20				
38/738216R0	115.14/115.17/135.14/135.1...	Ant	684 ÷ 421	60 ÷ 70	46 ÷ 20	46 ÷ 20				
38/738217R0	115.14/115.17 135.14/135.1...	Pos	728 ÷ 442	60 ÷ 71	46 ÷ 20	46 ÷ 20				
38/738218R0	110 NC/ NR	Ant/Pos	608 ÷ 382	60 ÷ 71	46 ÷ 20	46 ÷ 20				
38/738220R0	140.14/.20/.20R	Ant	647 ÷ 399	60 ÷ 71	46 ÷ 20	46 ÷ 20				
38/738226R0	Spr2	Pos	654 ÷ 410	60 ÷ 71	46 ÷ 20	46 ÷ 20				
38/738228R0	190	Ant	761 ÷ 454	60 ÷ 71	46 ÷ 20	46 ÷ 20				
38/738229R0	140.14/.20/.20R	Pos	654 ÷ 403	60 ÷ 71	46 ÷ 20	46 ÷ 20				



MSA	Model	Pos.	Aperto	Chiuso	A	B	C1	D1	C2	D2
38/738258R0	50 NC	Pos	654 ÷ 410		60 ÷ 71		42 ÷ 18		42 ÷ 18	
38/738259R0	OM 40-50-55	Pos	514 ÷ 331		60 ÷ 71		42 ÷ 18		42 ÷ 18	
38/738296R0	LEONCINO M3/N3	Pos	532 ÷ 342		60 ÷ 71		42 ÷ 18		42 ÷ 18	
38/738374R0	EUROCARGO 180 E34/ E42 190...	Pos	720 ÷ 412		66 ÷ 75					
38/752503R0		-	÷		÷		÷		÷	
38/752721R0	EUROCARGO KIPPER 60 EK/ 65...	Pos	692 ÷ 422		60 ÷ 71		38 ÷ 16		38 ÷ 16	
38/752724R0	60E - 65E - 75E - 80E - 90...	Pos	669 ÷ 404		60 ÷ 71		38 ÷ 16		38 ÷ 16	
38/752726R0	40.10 WM	Pos	526 ÷ 338		60 ÷ 71		40 ÷ 12		40 ÷ 12	
38/770923R0	110.14/120.13/120.14	Pos	702 ÷ 415		60 ÷ 71		46 ÷ 20			
38/770925R0	EUROTECH-EUROSTAR 190 E34/...	Ant	594 ÷ 379		60 ÷ 71		50 ÷ 16		50 ÷ 16	
38/770928R0	EUROCARGO 180 E34/ E42 190...	Ant	754 ÷ 436		60 ÷ 71		50 ÷ 16			
38/770929R0	Off-road 4x2E 6x4	Ant	777 ÷ 452		60 ÷ 71		50 ÷ 16			
38/770934R0	Telaio SPR 2	Ant	751 ÷ 435		60 ÷ 71		50 ÷ 16			
38/770936R0	EUROCARGO 240 E42	Pos	752 ÷ 457		66 ÷ 75		55 ÷ 20		55 ÷ 20	
38/770939R0	EUROCARGO 60 E10/E12/E14 6...	Pos	667 ÷ 407		60 ÷ 71		38 ÷ 16		38 ÷ 16	
38/770941R0	EUROTECH-EUROSTAR 190 E34/...	Pos	652 ÷ 407		66 ÷ 75		55 ÷ 20		55 ÷ 20	
38/770962R0	Telaio SPR 2	Pos	652 ÷ 406		66 ÷ 75		55 ÷ 20		55 ÷ 20	
38/770966R0	Telaio SPR 2	Ant	752 ÷ 436		60 ÷ 71		50 ÷ 16			
38/770967R0	190E-260E-190S - LD440E	Pos	652 ÷ 404		66 ÷ 75		55 ÷ 20		55 ÷ 20	
38/770968R0	Telaio SPR 2	Pos	776 ÷ 469		66 ÷ 75		55 ÷ 20		55 ÷ 20	
38/770969R0	SPR2 Telaio 3° Asse	Pos	928 ÷ 553		66 ÷ 75		55 ÷ 24		55 ÷ 24	
38/770970R0	MP/LD 6x2 FP	Pos	820 ÷ 520		66 ÷ 75		55 ÷ 24		55 ÷ 24	
38/770971R0	Telaio SPR 2	Ant	495 ÷ 325		60 ÷ 71		50 ÷ 16		50 ÷ 16	
38/770972R0	190 EL Sospensione Pneumat...	Ant	820 ÷ 470		60 ÷ 71		50 ÷ 16			
38/770973R0	160E-160EP	-	712 ÷ 417		60 ÷ 71		46 ÷ 20			
38/770974R0	160E-160EP	Pos	712 ÷ 417		60 ÷ 71		46 ÷ 20			
38/770975R0	190 EL Sospensione Pneumat...	Pos	666 ÷ 396		66 ÷ 75		46 ÷ 20			
38/770976R0	190 EL Sospensione Pneumat...	Pos	668 ÷ 404		66 ÷ 75		46 ÷ 20			



MSA	Model	Pos.	Aperto	Chiuso	A	B	C1	D1	C2	D2
38/770977R0	160EP	Pos	668 ÷ 404	66 ÷ 75	46 ÷ 20					
38/770978R0	190E HW4x4 Kipper / 260 HW...	Ant	693 ÷ 413	60 ÷ 71	50 ÷ 16					
38/770995R0	40.10 W (4x4) civile	Pos	657 ÷ 403	60 ÷ 71	38 ÷ 16	38 ÷ 16				
38/771002R0	LD 190E FP	Ant	810 ÷ 470	60 ÷ 71	46 ÷ 20					
38/830037R0	100.13	Ant	594 ÷ 365	60 ÷ 71	38 ÷ 16	38 ÷ 16				
38/830080R0	MH/MP/LD 6x2 FT-FS	Pos	820 ÷ 500	66 ÷ 75	55 ÷ 24	55 ÷ 24				
38/830086R0	Ambulanza 40.10 WM	Ant	460 ÷ 305	60 ÷ 71	38 ÷ 16	38 ÷ 16				
38/830090R0	SPR1 120E - 130E - 150E	Ant	714 ÷ 416	60 ÷ 71	46 ÷ 20					
38/830094R0	95.109	-	673 ÷ 412	60 ÷ 71	42 ÷ 18	42 ÷ 18				
38/830095R0	50.9	-	351 ÷ 336	60 ÷ 71	42 ÷ 18	42 ÷ 18				
38/830096R0	65.11	-	551 ÷ 346	60 ÷ 71	42 ÷ 18	42 ÷ 18				
38/830097R0	49.10 - 49.12 Heavy Missio...	Ant	441 ÷ 289	60 ÷ 71	38 ÷ 16	38 ÷ 16				
38/830098R0	M2HR11N9	Ant	652 ÷ 404	66 ÷ 75	55 ÷ 20	55 ÷ 20				
38/830100R0	110.14 120.13/120.14	Ant/Pos	610 ÷ 381	60 ÷ 71	46 ÷ 20	46 ÷ 20				
38/830106R0	400E - 440E	Ant	599 ÷ 379	60 ÷ 71	50 ÷ 16	50 ÷ 16				
38/830110R0	170-MT180	Pos	674 ÷ 404	66 ÷ 75	46 ÷ 20					
38/830112R0	NKW-110-17AW (4x4)	Ant	712 ÷ 434	60 ÷ 71	46 ÷ 16	46 ÷ 16				
38/830113R0	NKW-110-17AW (4x4)	Pos	712 ÷ 434	60 ÷ 71	46 ÷ 16	46 ÷ 16				
38/830114R0	190/30 (4X4) - 260 (6X6)	Ant	701 ÷ 431	50 ÷ 60	50 ÷ 16	50 ÷ 16				
38/830120R0	190.30HT/.33H/.33HT	Pos	688 ÷ 418	60 ÷ 71	40 ÷ 16	40 ÷ 16				
38/830136R0	EUROTECH-EUROSTAR MT 180K	Ant	777 ÷ 454	60 ÷ 71	46 ÷ 20					
38/830142R0	SPR-2 400E	Pos	802 ÷ 452	66 ÷ 75						
38/830143R0	EUROCARGO 170 E15/E18H 170...	Ant	819 ÷ 471	60 ÷ 71	50 ÷ 16					
38/830146R0	SPR-2 MT 180/P	Ant	754 ÷ 436	60 ÷ 71	46 ÷ 20					
38/830147R0	MT 180 SPR-2	Ant	754 ÷ 436	60 ÷ 71	46 ÷ 20					
38/830148R0	MT 180/TPS	Pos	674 ÷ 404	66 ÷ 75	46 ÷ 20					
38/830149R0	EUROTECH-EUROSTAR 400 E30	Ant	754 ÷ 436	60 ÷ 71	46 ÷ 20					
38/830162R0	160.26 - 170.20	Ant	755 ÷ 460	60 ÷ 71	46 ÷ 20	46 ÷ 20				



MSA	Model	Pos.	Aperto	Chiuso	A	B	C1	D1	C2	D2
38/830163R0	615 N/N1 - 616/N3	Ant	328 ÷ 225	60 ÷ 71	35 ÷ 10					
38/830164R0	Serie 615N/N1 616/N3/N3-4	Pos	590 ÷ 350	60 ÷ 71						
38/830176R0	EUROCARGO - EUROSTAR - EUR...	Ant	690 ÷ 410	60 ÷ 71	50 ÷ 16					
38/830188R0	SPR-2 400E - 440E	Pos	633 ÷ 368	66 ÷ 75						
38/830202R0		-	555 ÷ 355	66 ÷ 75	46 ÷ 46	20 ÷ 20				
38/830203R0	EUROCARGO KIPPER 80 EK/ 10...	Ant	662 ÷ 396	50 ÷ 60	38 ÷ 16	38 ÷ 16				
38/830204R0	EUROCARGO KIPPER 80 EK/ 10...	Pos	667 ÷ 402	60 ÷ 71	38 ÷ 16	38 ÷ 16				
38/830205R0	EUROTECH-EUROSTAR 180 E34	Ant	605 ÷ 395	60 ÷ 71						
38/830206R0	EUROCARGO 150 E15H/ E18H/ ...	Pos	735 ÷ 436	66 ÷ 75	46 ÷ 20					
38/830208R0	400E	Ant	635 ÷ 395	60 ÷ 71	50 ÷ 16	50 ÷ 16				
38/830209R0	170E	Ant	820 ÷ 470	60 ÷ 71	50 ÷ 16					
38/830233R0	EUROCARGO 120 EP/ 130 EP/ ...	Pos	674 ÷ 404	66 ÷ 75	46 ÷ 20					
38/830236R0	serie 75NC - 70 NC	Pos	570 ÷ 360	60 ÷ 71	42 ÷ 18	42 ÷ 18				
38/830237R0	CERBIATTO M20/M1/M1L LUPET...	Pos	488 ÷ 320	60 ÷ 71	42 ÷ 18	42 ÷ 18				
38/830257R0	FP/FS 6x2	Pos	728 ÷ 440	66 ÷ 75	55 ÷ 20	55 ÷ 20				
45/738230R0	190.35 - 190.38	Pos	544 ÷ 356	72 ÷ 83	46 ÷ 20	46 ÷ 20				
45/745231R0	190.30PT/.38P (1984->)	Pos	544 ÷ 356	65 ÷ 75	46 ÷ 20	46 ÷ 20				
45/745289R0	682 T3/T4	Pos	778 ÷ 470	72 ÷ 83	46 ÷ 20	46 ÷ 20				
45/752718R0	Eurotrakker extra Europa	Ant	724 ÷ 450	72 ÷ 83	52 ÷ 20	52 ÷ 20				
45/770979R0	Telaio SPR 2	Ant	713 ÷ 456	72 ÷ 104	52 ÷ 20	52 ÷ 20				
45/830006R0	EUROTECH-EUROSTAR 400 ET/E...	Pos	720 ÷ 415	72 ÷ 83						
45/830067R0	160 NC - 619N1 - 684NP - 6...	Ant/Pos	708 ÷ 432	72 ÷ 83	46 ÷ 20	46 ÷ 20				
45/830099R0	150 NC17/ NC20/NR20 var. 8...	Ant/Pos	637 ÷ 400	65 ÷ 75	46 ÷ 20	46 ÷ 20				
45/830172R0	65 PC 75 PC var. 836	Pos	650 ÷ 418	72 ÷ 104	52 ÷ 20	52 ÷ 20				
45/830173R0	Serie 110NC - 130 - 150T20	Ant/Pos	608 ÷ 382	72 ÷ 83	46 ÷ 20	46 ÷ 20				
45/830174R0	643 N/N1/T	Ant	513 ÷ 335	72 ÷ 83	46 ÷ 20	46 ÷ 20				
45/830194R0	619 T1	Pos	680 ÷ 420	65 ÷ 75	46 ÷ 20	46 ÷ 20				
45/830234R0	150 NC17 - 150 NC20 - 150 ...	Ant/Pos	633 ÷ 395	72 ÷ 83	46 ÷ 20	46 ÷ 20				



MSA	Model	Pos.	Aperto	Chiuso	A	B	C1	D1	C2	D2
45/830245R0	697 NP/TP	Ant	725 ÷ 450		72 ÷ 83		52 ÷ 20		52 ÷ 20	
45/830260R0	90 PC / PCS	Ant	625 ÷ 400		72 ÷ 104		52 ÷ 20		52 ÷ 20	
45/830261R0	EUROTECH-EUROSTAR 190 E34/...	Pos	820 ÷ 520		72 ÷ 83		55 ÷ 24		55 ÷ 24	
MAGIRUS										
32/830019R0	120/170/200/210/232/310/34...	Ant	718 ÷ 430		50 ÷ 60		40 ÷ 16		40 ÷ 16	
32/830168R0	NKW - G75 - 90BR	Pos	661 ÷ 411		50 ÷ 60				45 ÷ 20	
32/830224R0	80.13A/80.16A 130 M8	Ant	766 ÷ 445		50 ÷ 60		46 ÷ 20			
MAN										
32/738355R0	SERIE 6/12	Ant	618 ÷ 356		50 ÷ 60					
32/738356R0	SERIE 8/9/10	Ant	606 ÷ 356		50 ÷ 60					
32/830158R0	F2000 - L2000 - M2000L	Ant	636 ÷ 380		50 ÷ 60		50 ÷ 16			
32/830220R0	15.200FOC	Ant	700 ÷ 430		50 ÷ 60		50 ÷ 16		50 ÷ 16	
38/738357R0	SERIE 6/7/8/9/10	Pos	656 ÷ 407		60 ÷ 71		40 ÷ 14		80 ÷ 12	
38/748352R0	28.262/28.272/28.272/28.29...	Ant	677 ÷ 406		60 ÷ 71		50 ÷ 16			
38/752638R0	12.153/163L/223L 12.224L/2...	Ant	643 ÷ 386		60 ÷ 71		50 ÷ 16			
38/830036R0	12.152F/192F/232F - 12.272...	Ant	643 ÷ 375		60 ÷ 71					
38/830063R0	Serie TGA	Ant	673 ÷ 404		60 ÷ 71		55 ÷ 24			
38/830182R0	16.168F-FKO/FL-FKO 16.192F...	Ant	705 ÷ 430		66 ÷ 75		50 ÷ 16		50 ÷ 16	
38/830198R0	Serie 26 - 27	Ant	677 ÷ 406		60 ÷ 71		50 ÷ 16			
38/830201R0	22.272FVL/292FVL 22.302FVL...	Ant	645 ÷ 382		60 ÷ 70		50 ÷ 16			
38/830221R0	16.240 FOCR	Pos	605 ÷ 360		60 ÷ 71					
38/830250R0	TGA	Ant	660 ÷ 430		60 ÷ 71		55 ÷ 16		55 ÷ 20	
38/830255R0	Serie TGA 18T/19T	Ant	673 ÷ 404		60 ÷ 71		55 ÷ 24			
38/830256R0	TGA 18T / 26T	Ant	842 ÷ 512		60 ÷ 71					
45/748353R0	16.262FL/292FL/332FL 16.3...	Pos	652 ÷ 412		72 ÷ 83		62 ÷ 30		62 ÷ 20	
45/748354R0	12.152F/192F/232F/12.272F	Ant/Pos	700 ÷ 407		72 ÷ 83					
45/830011R0		Pos	680 ÷ 430		70 ÷ 83		62 ÷ 30		62 ÷ 20	
45/830059R0	12.170F/FL 12.192 F/FL	Pos	650 ÷ 415		70 ÷ 83		100 ÷ 15		62 ÷ 20	



MSA	Model	Pos.	Aperto	Chiuso	A	B	C1	D1	C2	D2
45/830070R0	Serie 18-19	Pos	651 ÷ 416	72 ÷ 83	62 ÷ 30	62 ÷ 20				
45/830160R0	16.256UL 16.320UL	Ant/Pos	765 ÷ 468	72 ÷ 83	62 ÷ 30	62 ÷ 20	⊙ ÷ ⊙			
45/830161R0	16.168F-FKO/FL-FKO 16.192F...	Pos	654 ÷ 412	72 ÷ 83	62 ÷ 30	62 ÷ 20	⊙ ÷ ⊙			
45/830189R0	Serie 12-13-14-15	Pos	650 ÷ 415	72 ÷ 83	s ÷ s	62 ÷ 20				
45/830193R0	TGA 18T-19T	Pos	688 ÷ 456	72 ÷ 83	⊕ ÷ ⊕	⊕ ÷ ⊕				
45/830210R0	14.262U 14.272U	Pos	675 ÷ 393	72 ÷ 83	⊕ ÷ ⊕	⊕ ÷ ⊕				
45/830211R0	22.242FNL/262FNL 22.272FNL...	Pos	752 ÷ 463	62 ÷ 83	62 ÷ 20	62 ÷ 20				
45/830254R0	Serie TGA 18T	Pos	670 ÷ 418	72 ÷ 83	⊕ ÷ ⊕	⊕ ÷ ⊕				
45/830263R0	22.462DF 22.502DF	Pos	670 ÷ 415	72 ÷ 83	62 ÷ 20	⊕ ÷ ⊕				
45/840034R0		Pos	678 ÷ 428	65 ÷ 75	62 ÷ 30	62 ÷ 20				
45/840035R0		Pos	768 ÷ 473	65 ÷ 75	62 ÷ 30	62 ÷ 20				
45/840036R0		Pos	725 ÷ 450	65 ÷ 75	62 ÷ 30	62 ÷ 20				
MERCEDES										
32/732337R0	709/709K	Ant	681 ÷ 425	50 ÷ 60	40 ÷ 14	50 ÷ 14				
32/752675R0	712/ 714/ 714L 715/ 717/ 7...	Ant	692 ÷ 410	50 ÷ 60	40 ÷ 14	50 ÷ 14				
32/830060R0	L 406D/406DG LK 406DG/LKO ...	Ant/Pos	630 ÷ 383	50 ÷ 60	40 ÷ 14	40 ÷ 14				
32/830104R0	712/ 714/ 714L 715/ 717/ 7...	Pos	724 ÷ 431	50 ÷ 60	50 ÷ 16	62 ÷ 14				
32/830130R0	1214/ 1215/ 1217	Ant	740 ÷ 437	50 ÷ 60	40 ÷ 14	50 ÷ 14				
32/830138R0	911B LA-LAK-LAKO	Ant	780 ÷ 460	50 ÷ 60	50 ÷ 16	50 ÷ 16				
32/830222R0	L 407D/ L 4029D/ LK410D	Pos	550 ÷ 340	50 ÷ 60	38 ÷ 12	40 ÷ 14				
32/830227R0	L 407D/ L 4029D/ LK410D	Ant	600 ÷ 368	50 ÷ 60	32 ÷ 12	32 ÷ 12				
38/732335R0	609D/809D	Ant	628 ÷ 381	60 ÷ 71	40 ÷ 14	58 ÷ 14				
38/732338R0	709K/809K 814F/K/L/S 817K/...	Pos	718 ÷ 436	60 ÷ 71	50 ÷ 16	62 ÷ 14				
38/738236R0	2233S/2244-L-S	Ant	811 ÷ 483	60 ÷ 71	50 ÷ 16	50 ÷ 16				
38/738270R0	814/814L/814K/814KO	Ant	724 ÷ 440	60 ÷ 71	50 ÷ 14	50 ÷ 14				
38/738271R0	serie 14/17/18/24/25	Ant	705 ÷ 435	60 ÷ 71	50 ÷ 16	50 ÷ 16				
38/752699R0	Actros 1831L / 1835L	Ant	738 ÷ 447	60 ÷ 71	50 ÷ 20	50 ÷ 20				
38/830009R0		Ant	770 ÷ 466	60 ÷ 71	46 ÷ 20	46 ÷ 20				



MSA	Model	Pos.	Aperto	Chiuso	A	B	C1	D1	C2	D2
38/830012R0	ACTROS (950) 1831	Ant	803 ÷ 480	60 ÷ 70	50 ÷ 16	50 ÷ 16				
38/830034R0	1013/ K/ KO	Ant	813 ÷ 490	60 ÷ 71	50 ÷ 16	50 ÷ 16				
38/830035R0	1420 L/ 1420 LS (->chass n...	Pos	635 ÷ 395	60 ÷ 71	50 ÷ 16	50 ÷ 16				
38/830046R0	Serie 8-13-15	Ant	708 ÷ 432	60 ÷ 71	40 ÷ 14	50 ÷ 14				
38/830056R0	Actros	Ant	803 ÷ 480	60 ÷ 71	50 ÷ 16	50 ÷ 16				
38/830058R0	ACTROS (954) 1831 S/1835 ...	Ant	850 ÷ 502	60 ÷ 71	50 ÷ 16	50 ÷ 16				
38/830062R0	Serie 20-41 / Actros 950-9...	Ant	803 ÷ 480	60 ÷ 71	50 ÷ 16	50 ÷ 16				
38/830064R0	1624 LS/ LAS	Ant	812 ÷ 487	60 ÷ 71	50 ÷ 16	50 ÷ 16				
38/830077R0	Serie Actros(950) - Atego(...	Pos	884 ÷ 520	60 ÷ 71	50 ÷ 20	50 ÷ 20				
38/830101R0	Serie 16/17/18/19/20/24/25	Ant/Pos	742 ÷ 451	60 ÷ 71	50 ÷ 16	50 ÷ 16				
38/830129R0	serie 10/12/13/14/16/17/18...	Ant	890 ÷ 530	60 ÷ 71	50 ÷ 16	50 ÷ 16				
38/830132R0	1722 L	Ant	720 ÷ 438	60 ÷ 71	50 ÷ 16	50 ÷ 16				
38/830133R0	Serie 16-17-19-20	Pos	955 ÷ 538	60 ÷ 71	█ ÷ █	█ ÷ █				
38/830137R0	1834 L	Pos	734 ÷ 444	60 ÷ 71	50 ÷ 16	50 ÷ 16				
38/830140R0	Serie 10-12-14-16	Pos	805 ÷ 491	60 ÷ 71	50 ÷ 16	50 ÷ 16				
38/830154R0	3025 - 3025K - 3028K - 322...	Ant	734 ÷ 444	60 ÷ 71	50 ÷ 16	50 ÷ 16				
38/830166R0	Serie 16-19	Ant	750 ÷ 460	60 ÷ 71	50 ÷ 16	50 ÷ 16				
38/830179R0	1628 AK- 1626AK	Pos	985 ÷ 547	60 ÷ 71	█ ÷ █	█ ÷ █				
38/830196R0	Serie 22->35	Pos	855 ÷ 516	60 ÷ 71	50 ÷ 16	50 ÷ 16				
38/830197R0	Serie 6-7-8	Pos	648 ÷ 403	60 ÷ 71	50 ÷ 14	50 ÷ 14				
38/830213R0		Ant	803 ÷ 480	60 ÷ 71	50 ÷ 16	50 ÷ 16				
38/830214R0		Ant	852 ÷ 503	60 ÷ 71	50 ÷ 16	50 ÷ 16				
38/830226R0	1626 / 1627	Pos	821 ÷ 470	60 ÷ 71	█ ÷ █	█ ÷ █				
45/738266R0	Serie 17/18/19/20/25	Pos	987 ÷ 549	72 ÷ 83	█ ÷ █	█ ÷ █				
45/738269R0	Serie 1520L-1524L-1514L-15...	Pos	713 ÷ 443	72 ÷ 83	62 ÷ 20	62 ÷ 16				
45/738350R0	3° Asse	Pos	663 ÷ 414	72 ÷ 83	50 ÷ 16	50 ÷ 16				
45/752704R0	ACTROS (954) 1831LS/1835LS...	Pos	725 ÷ 445	72 ÷ 83	50 ÷ 20	105 ÷ 20				
45/830022R0	817LS - 1114L - 1117L - 11...	Pos	731 ÷ 464	72 ÷ 83	62 ÷ 20	62 ÷ 16				



MSA	Model	Pos.	Aperto	Chiuso	A	B	C1	D1	C2	D2
45/830027R0	ACTROS (950) 1831	Pos	855 ÷ 515	72 ÷ 83	50 ÷ 16	105 ÷ 16				
45/830029R0	ACTROS (950) 1831 L/1835 ...	Pos	785 ÷ 475	72 ÷ 83	50 ÷ 20	105 ÷ 20				
45/830044R0	10 - 18 - 22	Pos	780 ÷ 462	72 ÷ 83	62 ÷ 20	█ ÷ █				
45/830047R0	Serie 22-25-32	Pos	731 ÷ 443	72 ÷ 83	█ ÷ █	50 ÷ 16				
45/830141R0	1626L-1626LS-1628L	Pos	665 ÷ 415	72 ÷ 83	50 ÷ 16	50 ÷ 16				
45/830145R0	2223 LP - 2226 LP - 2232 L...	Pos	665 ÷ 415	72 ÷ 83	50 ÷ 20	50 ÷ 20				
45/830159R0	1222F - 1414 - 1417 - 1420	Pos	719 ÷ 428	72 ÷ 83	62 ÷ 20	█ ÷ █				
45/830167R0	1114/ 114 K (1983->)	Pos	713 ÷ 443	72 ÷ 83	62 ÷ 20	62 ÷ 16				
45/830180R0	Serie 10/12/14/16/17/18	Pos	800 ÷ 474	72 ÷ 83	62 ÷ 20	█ ÷ █				
45/830181R0	1013 S (chass n°4306945->)	Pos	715 ÷ 430	72 ÷ 83	62 ÷ 20	█ ÷ █				
45/830230R0	1628 - 1636 - 1638	Pos	827 ÷ 475	72 ÷ 83	█ ÷ █	█ ÷ █				
MERCEDES-UNIMOG										
38/830225R0	U424 U1000->1550 U1600/U16...	Ant/Pos	704 ÷ 440	60 ÷ 71	55 ÷ 20	55 ÷ 20				
45/830052R0	1300L	Ant/Pos	708 ÷ 443	72 ÷ 83	50 ÷ 20	50 ÷ 20				
PEGASO										
45/745247R0	Serie 10-11-12-13-14-20-21...	Ant	672 ÷ 424	72 ÷ 83	66 ÷ 24	66 ÷ 24				
PERLINI V.I.										
45/763045R0	121 V 2L 131/ 131 V3L	Pos	960 ÷ 567	72 ÷ 83	52 ÷ 24	52 ÷ 24				
45/763046R0	121 V 2L 131/ 131 V3L	Ant	855 ÷ 512	72 ÷ 83	55 ÷ 24	55 ÷ 24				
PIACENZA										
45/830174R0	643 N/N1/T	Ant	513 ÷ 335	72 ÷ 83	46 ÷ 20	46 ÷ 20				
RENAULT										
32/745241R0	Serie G	Ant	753 ÷ 435	50 ÷ 60	█ ÷ █	█ ÷ █				
32/830042R0	G 170 11/ A/ 13/ 15A G 170...	Ant	716 ÷ 421	50 ÷ 60	█ ÷ █	█ ÷ █				
32/830152R0	C 210 19 C 260 19/ 19T/26 ...	Ant	777 ÷ 448	50 ÷ 60	█ ÷ █	█ ÷ █				
32/830246R0	R 365 22T/24T	Pos	505 ÷ 331	50 ÷ 60	50 ÷ 25	█ ÷ █				
38/745237R0	M 140 - M160	Ant	795 ÷ 465	60 ÷ 71	46 ÷ 20	█ ÷ █				
38/830031R0	AE 380 (4x2) (6x2) AE 385 ...	Ant	602 ÷ 355	60 ÷ 71	█ ÷ █	█ ÷ █				



MSA	Model	Pos.	Aperto	Chiuso	A	B	C1	D1	C2	D2
38/830041R0	G 170 11/ A/ 13/ 15A - G 1...	Pos	695 ÷ 415	60 ÷ 71	60 ÷ 71		█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █
45/745230R0	SERIE R/T	Pos	681 ÷ 398	72 ÷ 83	72 ÷ 83		█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █
45/745232R0	AE500 - AE520 - AE380	Pos	678 ÷ 422	70 ÷ 83	70 ÷ 83		46 ÷ 20	46 ÷ 20	46 ÷ 20	46 ÷ 20
45/745236R0	Serie M160 - 150	Pos	728 ÷ 450	72 ÷ 83	72 ÷ 83		█ ÷ █	█ ÷ █	46 ÷ 20	46 ÷ 20
45/745240R0	Serie G/P/R	Ant	840 ÷ 480	72 ÷ 83	72 ÷ 83		█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █
45/830014R0	PREMIUM (6x2 - 6x4)	Pos	860 ÷ 513	70 ÷ 83	70 ÷ 83		62 ÷ 20	55 ÷ 20	62 ÷ 20	55 ÷ 20
45/830066R0	PREMIUM (6x2 - 6x4)	Pos	758 ÷ 463	72 ÷ 83	72 ÷ 83		62 ÷ 20	55 ÷ 20	62 ÷ 20	55 ÷ 20
45/830068R0	KERAX / MAXTER	Pos	884 ÷ 526	72 ÷ 83	72 ÷ 83		62 ÷ 20	50 ÷ 20	62 ÷ 20	50 ÷ 20
SCANIA										
32/830015R0		Ant	764 ÷ 456	50 ÷ 60	50 ÷ 60		50 ÷ 20		█ ÷ █	█ ÷ █
38/738333R0	82 - 92 - 143	Ant	692 ÷ 415	60 ÷ 71	60 ÷ 71		52 ÷ 26		█ ÷ █	█ ÷ █
38/738334R0	L 81 - L 85	Ant	684 ÷ 406	60 ÷ 71	60 ÷ 71		52 ÷ 22		█ ÷ █	█ ÷ █
38/738346R0	94 - 114	Ant	870 ÷ 500	60 ÷ 71	60 ÷ 71		50 ÷ 20		█ ÷ █	█ ÷ █
38/738347R0	94	Ant	690 ÷ 415	60 ÷ 71	60 ÷ 71		52 ÷ 22		█ ÷ █	█ ÷ █
38/830010R0	93 ML	Pos	690 ÷ 415	60 ÷ 70	60 ÷ 70		50 ÷ 22		█ ÷ █	█ ÷ █
38/830045R0	94-144	Ant	690 ÷ 415	60 ÷ 71	60 ÷ 71		52 ÷ 22		█ ÷ █	█ ÷ █
38/830048R0	93/113/143 - 82/92/112/142	Ant	692 ÷ 415	60 ÷ 71	60 ÷ 71		50 ÷ 26		█ ÷ █	█ ÷ █
38/830053R0	143	Pos	836 ÷ 485	60 ÷ 71	60 ÷ 71		55 ÷ 22		█ ÷ █	█ ÷ █
38/830238R0	93 (4X2) (1991->1996)	Ant	785 ÷ 460	60 ÷ 71	60 ÷ 71		52 ÷ 26		█ ÷ █	█ ÷ █
38/830239R0	93 (6x2 - 6x4) (1991->1996...	Ant/Pos	735 ÷ 435	60 ÷ 71	60 ÷ 71		50 ÷ 20		█ ÷ █	█ ÷ █
45/732232R0	94T	Pos	945 ÷ 555	72 ÷ 83	72 ÷ 83		50 ÷ 20	50 ÷ 20	50 ÷ 20	50 ÷ 20
45/732370R0	L 81 LB 81	Pos	612 ÷ 364	72 ÷ 83	72 ÷ 83		█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █
45/745238R0	140-141-142	Ant	687 ÷ 411	72 ÷ 83	72 ÷ 83		52 ÷ 22		█ ÷ █	█ ÷ █
45/830008R0	94	Pos	845 ÷ 482	70 ÷ 83	70 ÷ 83		█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █
45/830061R0	P 124 LA/ A/ LB (6x4) R 12...	Pos	870 ÷ 523	72 ÷ 83	72 ÷ 83		50 ÷ 20	50 ÷ 20	50 ÷ 20	50 ÷ 20
45/830150R0	Serie 141	Ant	660 ÷ 404	72 ÷ 83	72 ÷ 83		52 ÷ 22		█ ÷ █	█ ÷ █
45/830165R0	Serie 4 - 94C/114C/114G	Pos	818 ÷ 493	72 ÷ 83	72 ÷ 83		50 ÷ 20	50 ÷ 20	50 ÷ 20	50 ÷ 20
45/830183R0	93-113-143	Ant	560 ÷ 350	72 ÷ 83	72 ÷ 83		50 ÷ 22		█ ÷ █	█ ÷ █



MSA	Model	Pos.	Aperto	Chiuso	A	B	C1	D1	C2	D2
45/830184R0	Serie 82/92/L110/L140	Pos	724 ÷ 418	72 ÷ 83	72 ÷ 83		█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █
45/830184R0	Serie 82/92/L110/L140	Pos	724 ÷ 418	72 ÷ 83	72 ÷ 83		█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █
45/830184R0	Serie 82/92/L110/L140	Pos	724 ÷ 418	72 ÷ 83	72 ÷ 83		█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █
45/830185R0	Serie 93/113/143	Pos	745 ÷ 445	72 ÷ 83	72 ÷ 83	50 ÷ 20		█ ÷ █	█ ÷ █	█ ÷ █
45/830230R0	serie 92-93-113-142-143	Pos	827 ÷ 475	72 ÷ 83	72 ÷ 83		█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █
STEYR										
38/738357R0	SERIE 67/8/9/10	Pos	656 ÷ 407	60 ÷ 71	60 ÷ 71	40 ÷ 14		80 ÷ 12		
45/748353R0	16.262FL/292FL/332FL 16.3...	Pos	652 ÷ 412	72 ÷ 83	72 ÷ 83	62 ÷ 30		62 ÷ 20		
45/748354R0	12.152F/192F/232F/12.272F	Ant/Pos	700 ÷ 407	72 ÷ 83	72 ÷ 83		█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █
45/830070R0	Serie 18-19	Pos	651 ÷ 416	72 ÷ 83	72 ÷ 83	62 ÷ 30		62 ÷ 20		
VOLVO										
38/738251R0	F10-F12-F16	Ant	755 ÷ 471	60 ÷ 71	60 ÷ 71	52 ÷ 26		52 ÷ 26		
38/738318R0	FH12 6,7/ 7,1 ton	Ant	723 ÷ 450	60 ÷ 71	60 ÷ 71	66 ÷ 16		100 ÷ 16		
38/738337R0	F12 - F12 20	Ant	710 ÷ 440	60 ÷ 71	60 ÷ 71	52 ÷ 26		52 ÷ 26		
38/738345R0	N12 FAT 8.0	Ant	660 ÷ 420	60 ÷ 71	60 ÷ 71	66 ÷ 16		100 ÷ 16		
38/830013R0	FH12 8/ 16 ton	Ant	711 ÷ 450	70 ÷ 83	70 ÷ 83	66 ÷ 16		100 ÷ 16		
38/830028R0	FH12 / F16	Ant	880 ÷ 525	60 ÷ 71	60 ÷ 71	50 ÷ 20		100 ÷ 16		
38/830030R0	F 7/ F10/ F12	Pos	708 ÷ 410	60 ÷ 71	60 ÷ 71		█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █
38/830051R0	FH12	Pos	715 ÷ 454	60 ÷ 70	60 ÷ 70	50 ÷ 20		100 ÷ 16		
38/830069R0	FH12-FH16	Ant	711 ÷ 450	60 ÷ 71	60 ÷ 71	66 ÷ 16		100 ÷ 16		
38/830151R0	Serie F10	Ant	720 ÷ 450	60 ÷ 71	60 ÷ 71	52 ÷ 26		52 ÷ 26		
38/830169R0	F10 AIR (4x2)	Pos	835 ÷ 500	60 ÷ 71	60 ÷ 71		█ ÷ █	█ ÷ █	50 ÷ 16	
38/830170R0	F7/ F10 (1978->1986)	Ant/Pos	720 ÷ 413	60 ÷ 71	60 ÷ 71		█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █
38/830177R0	F10P/F12P/F16P	Pos	628 ÷ 392	60 ÷ 71	60 ÷ 71	45 ÷ 20		45 ÷ 20		
38/830186R0	FL612/ 614/ 616	Ant	775 ÷ 464	60 ÷ 71	60 ÷ 71	52 ÷ 26		48 ÷ 16		
38/830235R0	F12 (4x4)	Ant	712 ÷ 442	60 ÷ 71	60 ÷ 71	50 ÷ 25		50 ÷ 25		
38/830244R0	F12 (1982->1985) F12 P/P2	Pos	700 ÷ 405	60 ÷ 71	60 ÷ 71		█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █
38/830252R0	F10/F10K/F12/F12K	Ant	654 ÷ 412	60 ÷ 71	60 ÷ 71	66 ÷ 16		100 ÷ 16		



MSA	Model	Pos.	Aperto	Chiuso	A	B	C1	D1	C2	D2
45/738317R0	F10 AIR (6x2)	Pos	800 ÷ 480	72 ÷ 83			÷	50 ÷ 16		
45/738327R0	FLTB-RIDE/T-RIDE	Pos	725 ÷ 439	71 ÷ 83			÷	100 ÷ 16		
45/738348R0	FH12	Pos	820 ÷ 482	72 ÷ 83			÷	100 ÷ 16		
45/830007R0	FH12 RADT-A6	Pos	770 ÷ 480	72 ÷ 83			÷	110 ÷ 16		
45/830017R0	FH12 RADD-TR1/TR2 FH12 RAD...	Pos	716 ÷ 430	72 ÷ 83			÷	54 ÷ 20		
45/830032R0	FH12 FH16	Pos	713 ÷ 415	72 ÷ 83			÷	÷		
45/830050R0	FH12 RADT-A6 - F1H16RADT	Pos	798 ÷ 480	72 ÷ 83			÷	100 ÷ 16		
45/830054R0	F10 AIR - F10 - F12 - F12A...	Ant	885 ÷ 533	72 ÷ 83			50 ÷ 20	100 ÷ 16		
45/830055R0	F10 AIR - F12 Air - FL7 - ...	Pos	845 ÷ 515	72 ÷ 83			50 ÷ 20	50 ÷ 20		
45/830141R0	1626L-1626LS-1628L	Pos	665 ÷ 415	72 ÷ 83			50 ÷ 16	50 ÷ 16		
FIAT										
32/830153R0	35/40/50 NC	Ant	530 ÷ 330	50 ÷ 60			38 ÷ 16	38 ÷ 16		



MSA	Model	Pos.	Aperto	Chiuso	A	B	C1	D1	C2	D2
Autodromo										
38/732363R0	BUSOTTO	Pos	486 ÷ 308	60 ÷ 71	█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █
38/820041R0	291 BUS Down Town	Pos	392 ÷ 282	60 ÷ 71	38 ÷ 16	38 ÷ 16				
38/820078R0	ALE'	Ant	540 ÷ 410	60 ÷ 71	46 ÷ 20	46 ÷ 20				
38/820079R0	ALE'	Pos	583 ÷ 430	60 ÷ 71	46 ÷ 20	46 ÷ 20				
38/820096R0	Autobus ALE'	Ant	418 ÷ 289	60 ÷ 71	█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █
38/830101R0	Autobus ALE'	Pos	431 ÷ 282	60 ÷ 71	█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █
45/732362R0	BUSOTTO	Ant	544 ÷ 334	65 ÷ 75	█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █
45/820026R0		Pos	595 ÷ 420	65 ÷ 75	46 ÷ 20	46 ÷ 20				
Bova										
45/751214R0	FH12/ FL12 FH13/ MAGNUM FH...	Ant	569 ÷ 340	72 ÷ 83	█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █
45/820102R0	FH12/ FL12 FH13/ MAGNUM FH...	Pos	569 ÷ 340	72 ÷ 83	█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █
BredaMenariniBus										
38/759000R0	M101/ M101 L	Ant	580 ÷ 370	60 ÷ 71	50 ÷ 20	50 ÷ 20				
38/759001R0	M101/ M101 L	Pos	497 ÷ 307	60 ÷ 71	█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █
38/763032R0	M102/ M102 L M121 L	Ant	565 ÷ 370	60 ÷ 71	50 ÷ 20	50 ÷ 20				
38/763042R0	M220	Ant	580 ÷ 380	60 ÷ 71	50 ÷ 16	50 ÷ 16				
38/763043R0	M220-M321	Pos	460 ÷ 318	60 ÷ 71	50 ÷ 16	50 ÷ 16				
38/763095R0	M231 CU/ CS Euro3 M231 MU/...	Ant	545 ÷ 370	60 ÷ 71	62 ÷ 20	62 ÷ 20				
38/763098R0	M240 LU/LS Euro3 M240 NU/N...	Pos	520 ÷ 330	60 ÷ 71	█ ÷ █	█ ÷ █	50 ÷ 16			
38/763100R0	M230 OMW M230 LU	Ant	426 ÷ 284	60 ÷ 71	█ ÷ █	█ ÷ █	50 ÷ 16			
38/763101R0	M230 OMW M230 LU	Pos	452 ÷ 307	60 ÷ 71	50 ÷ 16	50 ÷ 16				
38/763115R0	M220-M321	Pos	460 ÷ 311	60 ÷ 71	50 ÷ 16	50 ÷ 16				
38/820060R0	Serie 18 - 22	Pos	490 ÷ 308	60 ÷ 71	█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █
38/820127R0	M200 E ZEUS ELETTRICO	Ant/Pos	395 ÷ 275	50 ÷ 71	38 ÷ 12	50 ÷ 12				
45/745320R0	177 /4 177 LiP 210 INBUS 1...	Ant	560 ÷ 340	72 ÷ 83	█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █
45/745321R0	Bus 210	Pos	485 ÷ 308	72 ÷ 83	█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █
45/745322R0	INBUS-U150-V150-181-181C	Ant	516 ÷ 347	72 ÷ 83	46 ÷ 20	46 ÷ 20				



MSA	Model	Pos.	Aperto	Chiuso	A	B	C1	D1	C2	D2
45/745323R0	U 150/ V150 181/ C/ Li 182...	Pos	576 ÷ 384		72 ÷ 83		66 ÷ 24		66 ÷ 24	
45/745328R0	110L 201/ 201L 202/ 202L	Ant	586 ÷ 380		72 ÷ 104		46 ÷ 20		46 ÷ 20	
45/745329R0	110L 201/ 201L 202/ 202L	Pos	456 ÷ 330		72 ÷ 104		46 ÷ 20		46 ÷ 20	
45/751210R0	BREDABUS extraurbano Pinin...	Pos	445 ÷ 287		72 ÷ 83					
45/763033R0	M120L	Pos	538 ÷ 366		72 ÷ 104		46 ÷ 20		46 ÷ 20	
45/763090R0	M221	Ant	440 ÷ 295		65 ÷ 75				50 ÷ 16	
45/763097R0	M240 LU/LS Euro3 M240 NU/N...	Ant	534 ÷ 334		65 ÷ 75					
45/820009R0	Bus	-	÷		÷		÷		÷	
45/820019R0	231C e 231M	Ant	514 ÷ 370		76 ÷ 86		55 ÷ 18		55 ÷ 18	
45/820020R0	231C Euro4	Pos	504 ÷ 322		76 ÷ 86		55 ÷ 17			
45/820021R0	231M Euro4	Pos	508 ÷ 322		76 ÷ 86				55 ÷ 20	
45/820022R0	M240L Euro4	Ant	453 ÷ 326		76 ÷ 86				55 ÷ 20	
45/820023R0	M240L Euro4	Pos	520 ÷ 330		76 ÷ 86		55 ÷ 20			
45/820024R0	M231 CU/ CS Euro3 M231 MU/...	Pos	495 ÷ 315		65 ÷ 75				50 ÷ 16	
45/820073R0	BredaMenariniBus M340	Ant	471 ÷ 331		72 ÷ 83		46 ÷ 16		46 ÷ 16	
45/820083R0	INBUS 176 210	Pos	534 ÷ 364		72 ÷ 83		46 ÷ 20		46 ÷ 20	
45/820106R0	M241	Ant	575 ÷ 380		72 ÷ 83		52 ÷ 20		52 ÷ 20	
45/820107R0	M241	Pos	524 ÷ 344		72 ÷ 83		55 ÷ 16		55 ÷ 16	
45/820115R0	LM221 Sanpietroburgo - LM2...	Ant	480 ÷ 330		65 ÷ 75				50 ÷ 16	
Cacciamali										
38/751213R0	TCC 635	Ant/Pos	546 ÷ 356		60 ÷ 71		38 ÷ 16		38 ÷ 16	
38/751216R0	TCC 685	Ant/Pos	588 ÷ 354		60 ÷ 71					
38/771009R0	TCC 760 IBRIDO	Ant/Pos	580 ÷ 375		60 ÷ 71		42 ÷ 18		42 ÷ 18	
38/820010R0	TCC 690	Ant/Pos	634 ÷ 400		60 ÷ 71					
38/820037R0	TCC690	Ant/Pos	634 ÷ 400		60 ÷ 71					
38/820076R0	TCC 635	Ant/Pos	546 ÷ 356		60 ÷ 71		38 ÷ 18		38 ÷ 18	
45/751214R0	972 SIGMATO	Ant	569 ÷ 340		72 ÷ 83					
45/771008R0	Europolis TCM890/920/105	Ant	584 ÷ 380		72 ÷ 83		46 ÷ 20		46 ÷ 20	



MSA	Model	Pos.	Aperto	Chiuso	A	B	C1	D1	C2	D2
45/771010R0	Europolis TCM 890/ 920/ 92...	Pos	584 ÷ 380	72 ÷ 83	46 ÷ 20	46 ÷ 20				
45/820007R0	Europolis F2G	Ant/Pos	556 ÷ 380	72 ÷ 83	52 ÷ 20	52 ÷ 20				
DAF										
38/830039R0		-	475 ÷ 315	60 ÷ 71	44 ÷ 16	44 ÷ 16				
45/820072R0	MB200	Ant/Pos	637 ÷ 405	72 ÷ 83	50 ÷ 26	50 ÷ 26				
Evobus										
38/738280R0	O 302	Ant	600 ÷ 370	60 ÷ 71	█ ÷ █	█ ÷ █				
38/820044R0		-	583 ÷ 362	60 ÷ 71	█ ÷ █	█ ÷ █				
38/820052R0	S 310 / S 315 GT-HD / S 3...	Ant	581 ÷ 361	60 ÷ 71	█ ÷ █	█ ÷ █				
38/820092R0	S315 HD/ HDH	Pos	600 ÷ 362	60 ÷ 71	█ ÷ █	█ ÷ █				
38/820114R0	SERIE 3	Pos	535 ÷ 335	60 ÷ 71	█ ÷ █	40 ÷ 16				
45/738201R0	Citaro 180-220-260	Ant	532 ÷ 322	72 ÷ 83	█ ÷ █	█ ÷ █				
45/761400R0	S110 A/ H/ P S120 A/ E/ H/...	Pos	598 ÷ 358	72 ÷ 83	█ ÷ █	█ ÷ █				
45/761401R0	S110 A/ H/ P S120 A/ E/ H/...	Ant	555 ÷ 368	72 ÷ 83	62 ÷ 20	62 ÷ 20				
45/820029R0	S217 HDH S317 HDH	Ant	558 ÷ 371	72 ÷ 83	62 ÷ 20	62 ÷ 20				
45/820090R0	SERIE 3	Ant	562 ÷ 366	72 ÷ 83	62 ÷ 20	62 ÷ 20				
IKARUS										
45/820111R0	CR 250/256/260/280/080T	Ant/Pos	635 ÷ 385	72 ÷ 83	█ ÷ █	█ ÷ █				
INBUS										
45/745320R0	177 /4 177 LiP 210 INBUS 1...	Ant	560 ÷ 340	72 ÷ 83	█ ÷ █	█ ÷ █				
45/745321R0	177 /4 177 LiP 210 INBUS 1...	Pos	485 ÷ 308	72 ÷ 83	█ ÷ █	█ ÷ █				
45/745323R0	U 150/ V150 181/ C/ Li 182...	Pos	576 ÷ 384	72 ÷ 83	66 ÷ 24	66 ÷ 24				
45/751210R0	BREDABUS extraurbano Pinin...	Pos	445 ÷ 287	72 ÷ 83	█ ÷ █	█ ÷ █				
45/820093R0	I 330 - 166 LB	Ant	522 ÷ 340	72 ÷ 83	46 ÷ 20	46 ÷ 20				
45/820094R0	I 330 - 166 LB	Pos	702 ÷ 435	72 ÷ 83	46 ÷ 20	46 ÷ 20				
45/820100R0		Ant	494 ÷ 344	72 ÷ 83	66 ÷ 24	66 ÷ 24				
45/820116R0	5001 BREDABUS urbano 161.2...	Ant	488 ÷ 302	72 ÷ 83	█ ÷ █	█ ÷ █				
45/820117R0	5001 BREDABUS urbano 161.2...	Pos	488 ÷ 300	72 ÷ 83	█ ÷ █	█ ÷ █				



MSA	Model	Pos.	Aperto	Chiuso	A	B	C1	D1	C2	D2
IRISBUS										
32/820045R0	New Coach Arways	Pos	638 ÷ 373	50 ÷ 60			■ ÷ ■	■ ÷ ■	■ ÷ ■	
38/820041R0	291 BUS Down Town	Pos	392 ÷ 282	60 ÷ 71			38 ÷ 16	38 ÷ 16		
Iveco										
27/820042R0	POLLICINO DOWN-TOW	Ant	405 ÷ 303	41.5 ÷ 48			38 ÷ 16	38 ÷ 16		
32/732309R0	POLLICINO	Pos	585 ÷ 358	50 ÷ 60			38 ÷ 16	38 ÷ 16		
32/820049R0	Bus Europa Scudato	Ant	670 ÷ 400	50 ÷ 60			38 ÷ 16	38 ÷ 16		
38/738307R0	Bus 470	Pos	560 ÷ 332	60 ÷ 71			■ ÷ ■	■ ÷ ■	■ ÷ ■	
38/752500R0	491.10 Opentop	Ant/Pos	562 ÷ 367	66 ÷ 75			52 ÷ 20	■ ÷ ■		
38/752502R0		Pos	585 ÷ 405	66 ÷ 75			52 ÷ 20	52 ÷ 20		
38/752583R0	BUS 491 urbano CITY CLASS	Ant	562 ÷ 367	66 ÷ 75			52 ÷ 20	■ ÷ ■		
38/752584R0	BUS 491 urbano CITY CLASS	Pos	562 ÷ 367	66 ÷ 75			52 ÷ 20	■ ÷ ■		
38/752585R0	BUS 391 12,29 - multimpieg...	Ant	605 ÷ 385	66 ÷ 75			52 ÷ 20	52 ÷ 20		
38/752586R0	391 Autosnodato EURORIDER ...	Pos	605 ÷ 385	66 ÷ 75			52 ÷ 20	52 ÷ 20		
38/752587R0	391 15m - 391 12,35 - MULT...	Ant	605 ÷ 385	66 ÷ 75			52 ÷ 20	52 ÷ 20		
38/752588R0	391 Eurorider 12.35 MY WA...	Pos	605 ÷ 385	66 ÷ 75			52 ÷ 20	52 ÷ 20		
38/752590R0	391 E SRI	Pos	605 ÷ 385	66 ÷ 75			52 ÷ 20	52 ÷ 20		
38/752591R0	Bus 391 15M 3° asse	-	687 ÷ 427	66 ÷ 75			52 ÷ 20	52 ÷ 20		
38/771009R0	TCC 760 Ibrido	Ant/Pos	580 ÷ 375	60 ÷ 71			42 ÷ 18	42 ÷ 18		
38/780004R0	490 E - 590 E urbano norm...	Ant	538 ÷ 348	60 ÷ 71			40 ÷ 16	40 ÷ 16		
38/820041R0	291 BUS Down Town	Pos	392 ÷ 282	60 ÷ 71			38 ÷ 16	38 ÷ 16		
38/820043R0	BUS 490 Autosnodato	Ant	563 ÷ 367	66 ÷ 75			52 ÷ 20	■ ÷ ■		
38/820051R0	MINIBUS A45	-	500 ÷ 340	60 ÷ 71			38 ÷ 16	38 ÷ 16		
38/820059R0	315	Ant	664 ÷ 384	60 ÷ 71			■ ÷ ■	■ ÷ ■	■ ÷ ■	
38/820065R0	Bus 470 SH105, SH120	Pos	563 ÷ 333	60 ÷ 71			■ ÷ ■	■ ÷ ■	■ ÷ ■	
38/820070R0	308	Ant	680 ÷ 420	60 ÷ 71			46 ÷ 20	46 ÷ 20		
38/820089R0	490 E - 590 E urbano norm...	Pos	610 ÷ 380	66 ÷ 75			62 ÷ 20	■ ÷ ■		
38/820091R0	95 E 18	Pos	724 ÷ 446	60 ÷ 71			38 ÷ 16	38 ÷ 16		



MSA	Model	Pos.	Aperto	Chiuso	A	B	C1	D1	C2	D2
38004	380.29/ .35 EUROCLASS HD T...	Ant	0 ÷ 0	0 ÷ 0	0 ÷ 0	0 ÷ 0	0 ÷ 0	0 ÷ 0	0 ÷ 0	0 ÷ 0
45/745304R0	370S 10 mt. 370.20/.24/.25...	Ant	581 ÷ 380	72 ÷ 83	52 ÷ 20	52 ÷ 20				
45/745305R0	370S 10 mt. 370.20/.24/.25...	Pos	610 ÷ 396	72 ÷ 104	52 ÷ 20	52 ÷ 20				
45/745306R0	470-471-570	Ant	521 ÷ 315	65 ÷ 75	52 ÷ 20	52 ÷ 20				
45/745307R0	380.29/ .35 EUROCLASS HD T...	Pos	608 ÷ 388	65 ÷ 75	52 ÷ 20	52 ÷ 20				
45/752505R0	BUS EURORIDER	Ant	501 ÷ 316	65 ÷ 75	52 ÷ 20	52 ÷ 20				
45/752580R0	480 - 580 - 680 10.21 - VT...	Ant	569 ÷ 380	72 ÷ 83	52 ÷ 20	52 ÷ 20				
45/752581R0	480 - 580 - 680 10.21 - VT...	Pos	585 ÷ 385	72 ÷ 83	52 ÷ 20	52 ÷ 20				
45/752589R0	391 S.R.I.	Ant	464 ÷ 340	72 ÷ 83	52 ÷ 20	52 ÷ 20				
45/752592R0	391 EXTRAEUROPA 12.29 MULT...	Pos	691 ÷ 401	72 ÷ 83	52 ÷ 20	52 ÷ 20				
45/771008R0	Europolis TCM890/920/105	Ant	584 ÷ 380	72 ÷ 83	46 ÷ 20	46 ÷ 20				
45/771010R0	Europolis TCM 890/ 920/ 92...	Pos	584 ÷ 380	72 ÷ 83	46 ÷ 20	46 ÷ 20				
45/820007R0	Europolis F2G	Ant/Pos	556 ÷ 380	72 ÷ 83	52 ÷ 20	52 ÷ 20				
45/820062R0	Bus 306/2	Pos	470 ÷ 325	72 ÷ 104	46 ÷ 20	46 ÷ 20				
45/820080R0	490 E - 590 E urbano norm...	Pos	596 ÷ 376	72 ÷ 83	62 ÷ 20	52 ÷ 20				
45/820084R0	M 170/ M 232 L/R/TR	Ant	578 ÷ 350	72 ÷ 83	52 ÷ 20	52 ÷ 20				
45/820099R0	343	Ant/Pos	733 ÷ 445	70 ÷ 83	46 ÷ 20	46 ÷ 20				
45/820104R0	Bus 306-418	Ant/Pos	564 ÷ 370	72 ÷ 104	46 ÷ 20	46 ÷ 20				
45/830099R0	150 NC17/ NC20/NR20 var. 8...	Ant	637 ÷ 400	65 ÷ 75	46 ÷ 20	46 ÷ 20				
90/745308CTR0	380.29/ .35 EUROCLASS HD T...	Ant	696 ÷ 476	0 ÷ 0	52 ÷ 20	52 ÷ 20				
90/745308R0	380.29/ .35 EUROCLASS HD T...	Ant	696 ÷ 476	0 ÷ 0	52 ÷ 20	52 ÷ 20				
KASSBOHRER										
38/820052R0	S 310 / S 315 GT-HD / S 3...	Ant	581 ÷ 361	60 ÷ 71	52 ÷ 20	52 ÷ 20				
MAN										
38/732363R0	BUSOTTO	Pos	486 ÷ 308	60 ÷ 71	52 ÷ 20	52 ÷ 20				
38/738352R0	8.150 FL/ FLR-10.150-11.19...	Pos	642 ÷ 405	60 ÷ 71	50 ÷ 16	50 ÷ 16				
38/820004R0	A37 LION'S CITY	Pos	435 ÷ 269	60 ÷ 71	52 ÷ 20	52 ÷ 20				
38/820006R0	R12 LION'S CITY	Pos	489 ÷ 309	60 ÷ 71	52 ÷ 20	52 ÷ 20				



MSA	Model	Pos.	Aperto	Chiuso	A	B	C1	D1	C2	D2
38/820033R0	18.403 18.463 RH	Pos	490 ÷ 308	60 ÷ 71	█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █
38/820060R0	Serie 18 - 22	Pos	490 ÷ 308	60 ÷ 71	█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █
45/732362R0	BUSOTTO	Ant	544 ÷ 334	65 ÷ 75	█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █
45/820003R0	A37 LION'S CITY	Ant	494 ÷ 314	72 ÷ 83	█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █
45/820005R0	R12 LION'S CITY	Ant	510 ÷ 310	72 ÷ 83	█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █
45/820017R0	RUE 240 RUE 280	Ant	530 ÷ 325	72 ÷ 83	█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █
45/820018R0	18.310 HOCL/ R 18.350 HOCL...	Ant	504 ÷ 313	72 ÷ 83	█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █
45/820035R0	UEL 242 UEL 272 UEL 292	Ant	545 ÷ 335	72 ÷ 83	█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █
45/820057R0	24.462FNL 24.502FNL	Ant	512 ÷ 314	72 ÷ 83	█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █
45/820063R0	Serie SL-SR	Pos	545 ÷ 335	72 ÷ 83	█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █
45/820066R0	Serie 263/292/332/362-RUE2...	Pos	688 ÷ 405	72 ÷ 83	█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █
45/820067R0	Serie 16	Ant	772 ÷ 478	72 ÷ 83	○ ÷ ○	62 ÷ 20	○ ÷ ○	62 ÷ 20	○ ÷ ○	62 ÷ 20
MERCEDES										
32/738286R0	Serie OH	Ant/Pos	578 ÷ 366	50 ÷ 60	█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █
38/738202R0	OMNIBUS CITARO - CITY	Pos	500 ÷ 305	60 ÷ 71	█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █
38/752611R0	O 350 O 403/ 404	Pos	618 ÷ 378	60 ÷ 71	█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █
38/820039R0	O405 N (->Chass 079427) - ...	Pos	515 ÷ 325	60 ÷ 71	█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █
38/820052R0	TC 400 TRAVEGO KOMBI (Euro...	Ant	581 ÷ 361	60 ÷ 71	█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █
38/820053R0	O 405 GN/ GN2 (Chass 07942...	Ant	550 ÷ 348	60 ÷ 71	█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █
38/820058R0	O 302 O 303	Pos	600 ÷ 370	60 ÷ 71	█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █
38/820087R0	O 304 - T373-385	Ant	592 ÷ 359	60 ÷ 71	█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █
38/820125R0	O 530 OMNIBUS CITARO - CIT...	-	535 ÷ 322	60 ÷ 71	█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █
45/732362R0	BUSOTTO	Ant	544 ÷ 334	65 ÷ 75	█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █
45/820048R0	0-350/0-400	Ant	665 ÷ 432	70 ÷ 83	62 ÷ 20	62 ÷ 20	62 ÷ 20	62 ÷ 20	62 ÷ 20	62 ÷ 20
45/820081R0	àibc 1836 / OC500RF	Ant	566 ÷ 352	72 ÷ 83	█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █	62 ÷ 20	62 ÷ 20
NEOPLAN										
45/752615R0	Bus Serie N116 CityLiner	Ant/Pos	615 ÷ 376	72 ÷ 83	█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █
PEGASO										



MSA	Model	Pos.	Aperto	Chiuso	A	B	C1	D1	C2	D2
45/820017R0	RUE 240 RUE 280	Ant	530 ÷ 325		72 ÷ 83		█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █
45/820066R0	Pegaso 6420	Pos	688 ÷ 405		72 ÷ 83		█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █
RAMPINI CARLO										
45/820025R0		Ant	558 ÷ 424		65 ÷ 71		█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █
45/820026R0		Pos	595 ÷ 420		65 ÷ 75		46 ÷ 20		46 ÷ 20	
RENAULT										
38/790018R0	R 313	Ant	560 ÷ 360		60 ÷ 71		58 ÷ 24		█ ÷ █	█ ÷ █
38/790019R0	R 312	Pos	560 ÷ 360		60 ÷ 71		58 ÷ 24		█ ÷ █	█ ÷ █
38/820034R0	Agorà Line	Ant	510 ÷ 330		66 ÷ 75		█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █
38/820038R0	Agorà S 12m	Pos	509 ÷ 339		60 ÷ 71		58 ÷ 24		█ ÷ █	█ ÷ █
38/820074R0	ER 100/ FR 100 PR 100/ PR ...	Pos	654 ÷ 394		60 ÷ 71		█ ÷ █	█ ÷ █	46 ÷ 20	
38/820077R0	R 312	Ant	560 ÷ 360		60 ÷ 70		58 ÷ 24		█ ÷ █	█ ÷ █
38/820118R0	PR 10/ 12/ 14	Ant	612 ÷ 390		60 ÷ 71		46 ÷ 20		46 ÷ 20	
38/820121R0	PR 180	Pos	653 ÷ 396		60 ÷ 71		45 ÷ 20		█ ÷ █	█ ÷ █
38/820122R0	PR 180 asse centrale	Pos	653 ÷ 396		60 ÷ 71		45 ÷ 20		█ ÷ █	█ ÷ █
38/820124R0	TRAILER 112/118 PR100/PR18...	-	236 ÷ 180		60 ÷		34 ÷ 12		34 ÷ 12	
45/790016R0	AGORA' Citybus Line	Pos	506 ÷ 345		72 ÷ 83		█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █
45/790022R0	SC10 SAVIEM	Ant/Pos	565 ÷ 352		72 ÷ 83		52 ÷ 20		█ ÷ █	█ ÷ █
45/820027R0	AGORA' Citybus	Ant	503 ÷ 350		72 ÷ 83		58 ÷ 24		█ ÷ █	█ ÷ █
45/820028R0	AGORA' Citybus	Pos	503 ÷ 350		72 ÷ 83		58 ÷ 24		█ ÷ █	█ ÷ █
45/820075R0	FR 1 - Ares Illiade	Ant	490 ÷ 330		72 ÷ 83		58 ÷ 24		█ ÷ █	█ ÷ █
45/820105R0	Ares - serie FR	Pos	675 ÷ 405		72 ÷ 83		46 ÷ 20		█ ÷ █	█ ÷ █
45/820119R0	PR 10/ 12/ 14	Pos	522 ÷ 342		72 ÷ 83		46 ÷ 20		█ ÷ █	█ ÷ █
45/820120R0	PR 180	Ant	380 ÷ 250		72 ÷ 83		█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █
45/820123R0	PR 100 MI	Ant	380 ÷ 250		72 ÷ 83		█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █
SCANIA										
38/820016R0	K 112TL K 113TL	Pos	782 ÷ 466		60 ÷ 70		50 ÷ 22		█ ÷ █	█ ÷ █
38/820040R0	K 93CLB/CRB/L94 - K 113CLA...	Pos	608 ÷ 362		60 ÷ 71		█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █



MSA	Model	Pos.	Aperto	Chiuso	A	B	C1	D1	C2	D2
38/820047R0	SERIE BR-CN-CR-K-N	Pos	608 ÷ 362	60 ÷ 71	60 ÷ 71		█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █
45/732375R0	K82/K92	Ant	586 ÷ 358	72 ÷ 83	72 ÷ 83		█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █
45/820036R0	K 93CBL/ 113CBL	Pos	610 ÷ 363	72 ÷ 83	72 ÷ 83		█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █
45/820088R0	94 -> 124	Pos	603 ÷ 365	72 ÷ 83	72 ÷ 83		█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █
45/820095R0	K 82 / K 92 K 93CLB/ CN112...	Ant	588 ÷ 355	72 ÷ 83	72 ÷ 83		█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █
45/820112R0	CN113ALB	Ant	605 ÷ 395	72 ÷ 83	72 ÷ 83	52 ÷ 22		52 ÷ 22		52 ÷ 22
45/820113R0	BR86 / BR116 / K82 / K92 /...	Pos	610 ÷ 365	72 ÷ 83	72 ÷ 83		█ ÷ █	█ ÷ █	█ ÷ █	█ ÷ █
VOLVO										
38/820012R0	Bus 12 M	Pos	655 ÷ 415	60 ÷ 71	60 ÷ 71	66 ÷ 16			100 ÷ 16	
38/820030R0	B12 B10M	Pos	654 ÷ 412	60 ÷ 71	60 ÷ 71	100 ÷ 16			66 ÷ 16	
38/820032R0	B12 M	Ant	706 ÷ 440	60 ÷ 71	60 ÷ 71	100 ÷ 16			50 ÷ 20	
38/820061R0	B10 M ITALIA 99 BARBIE	Ant	630 ÷ 400	60 ÷ 71	60 ÷ 71	50 ÷ 20			100 ÷ 16	
45/820013R0	Omnibus 4x2	Ant	548 ÷ 398	65 ÷ 75					100 ÷ 16	
45/820031R0	B10M	Pos	655 ÷ 410	72 ÷ 83	72 ÷ 83	66 ÷ 16			100 ÷ 16	
45/820046R0	B10M/C10	-	654 ÷ 413	72 ÷ 83	72 ÷ 83	66 ÷ 28			100 ÷ 28	
45/820068R0	B10L	Ant	485 ÷ 300	72 ÷ 83	72 ÷ 83	█ ÷ █			█ ÷ █	
45/820085R0	B100L	Pos	507 ÷ 313	72 ÷ 83	72 ÷ 83	█ ÷ █			█ ÷ █	
45/820086R0	B10 R	Ant	655 ÷ 397	72 ÷ 83	72 ÷ 83	66 ÷ 28			█ ÷ █	
45/820110R0	B10 M ITALIA 99 BARBIE	Ant	613 ÷ 410	72 ÷ 83	72 ÷ 83	66 ÷ 28			100 ÷ 28	
VAN HOOL										
38/820064R0	AU 138 CITYBUS T 815/ 818	Ant	553 ÷ 340	60 ÷ 71	60 ÷ 71	█ ÷ █			█ ÷ █	
38/820097R0	AG300	Ant/Pos	605 ÷ 360	60 ÷ 71	60 ÷ 71	█ ÷ █			█ ÷ █	
45/820017R0	RUE 240 RUE 280	Ant	530 ÷ 325	72 ÷ 83	72 ÷ 83	█ ÷ █			█ ÷ █	
45/820098R0	AG300	Pos	550 ÷ 334	72 ÷ 83	72 ÷ 83	█ ÷ █			█ ÷ █	
TOVARNA VOZIC MARIBOR										
45/820014R0	Bus leggero	Ant	419 ÷ 301	72 ÷ 83	72 ÷ 83	50 ÷ 16			50 ÷ 16	



MSA	Model	Pos.	Aperto	Chiuso	A	B	C1	D1	C2	D2
Astra										
27/727409R0		Pos	300 ÷ 220	41,5 ÷ 48			40 ÷ 14			
27/727410R0		Pos	245 ÷ 180	41,5 ÷ 48			40 ÷ 14			
27/860022R0	Serie HD 7	Ant	268 ÷ 202	41,5 ÷ 48	34 ÷ 16	34 ÷ 14				
DAF										
27/860024R0	95 XF	Pos	282 ÷ 242	41,5 ÷ -			40 ÷ 14			
27/860046R0	95 XF	Pos	255 ÷ 235	50 ÷ 60	40 ÷ 14	40 ÷ 14				
27/860047R0	DAF 95	Ant	332 ÷ 288	41,5 ÷ 48			40 ÷ 14			
27/860118R0	95 XF	Ant	335 ÷ 275	41,5 ÷			40 ÷ 14			
27/860130R0	CF XF 95	Ant	÷	÷			44 ÷ 25			
27/860131R0	CF XF 95	Pos	÷	÷			40 ÷ 14			
27/860135R0	95	Pos	282 ÷ 242	41 ÷			40 ÷ 14			
27/860138R0	2800 FA / 2800 FT 3200	Pos	243 ÷ 167	41,5 ÷ 48						
Iveco										
27/727114R0	160.26 180.24/ .26 190.30/...	Pos	245 ÷ 185	41,5 ÷ 48	40 ÷ 14	40 ÷ 14				
27/727119R0	160.26 180.24/ .26 190.30/...	Ant	249 ÷ 186	41,5 ÷ 48	32 ÷ 12	32 ÷ 12				
27/727403R0	79Y - 145 Y	Ant	254 ÷ 201	41,5 ÷ 50	32 ÷ 12	32 ÷ 12				
27/727404R0	60E - 65E - 75 E	Pos	245 ÷ 190	41,5 ÷ 50	40 ÷ 14	40 ÷ 14				
27/727408R0	MLC/MLL 80E-160E	Pos	381 ÷ 315	45 ÷ 62	44 ÷ 16					
27/732118R0	Con molla meccanica	Pos	453 ÷ 383	45 ÷ 62	50 ÷ 20					
27/770935R0	EUROCARGO 80 E15/E18/ E21 ...	Pos	381 ÷ 315	45 ÷ 62	44 ÷ 16					
27/770947R0	Eurocargo 190	Pos	397 ÷ 329	45 ÷	44 ÷ 16	66 ÷ 16				
27/860021R0	Eurotech - Eurostar	Ant	0 ÷ 0	0 ÷ 0	0 ÷ 0	0 ÷ 0				
27/860022R0	EUROTRAKKER Tutti i tipi	Ant	268 ÷ 202	41,5 ÷ 48	34 ÷ 16	34 ÷ 14				
27/860049R0	115.14/ 115.17/ 135.14/ 13...	Pos	220 ÷ 171	41,5 ÷ 48	33 ÷ 10	33 ÷ 14				
27/860051R0	145.14/ 145.17	Ant	240 ÷ 195	42 ÷ 50	33 ÷ 10	33 ÷ 14				
27/860053R0	EUROCARGO 190 E31	Pos	380 ÷ 312	45 ÷	44 ÷ 16					
27/860054R0	MP ON/OFF ROAD con molla me...	Pos	397 ÷ 362	45 ÷ 61.6	44 ÷ 16	66 ÷ 16				



MSA	Model	Pos.	Aperto	Chiuso	A	B	C1	D1	C2	D2
27/860064R0	Super Tir	Pos	264 ÷ 202		41.5 ÷ 48		50 ÷ 16		34 ÷ 14	
27/860065R0	170.30/.38 190.26/.30/.35/...	Pos	528 ÷ 460		50 ÷		÷		÷	
27/860066R0	180/190	Pos	528 ÷ 460		50 ÷		÷		÷	
27/860071R0	Cabina 80E/100E/120E/130E/...	Ant	250 ÷ 187		41.5 ÷ 48		12 ÷ 32		12 ÷ 32	
27/860115R0	STRALIS	Pos	÷		÷		44 ÷ 16		66 ÷ 16	
27/860132R0	50.9/ 60.8/65.10/ 70.10/ 7...	Pos	260 ÷ 192		41,5 ÷ 48		32 ÷ 12		32 ÷ 12	
27/860140R0	Super Tir	Pos	250 ÷ 200		41.5 ÷ 48		34 ÷ 14		50 ÷ 16	
32/860012R0	Stralis front	Ant	÷		÷		÷		÷	
32/860013R0	Stralis rear	Pos	÷		÷		÷		÷	
32/860014R0	Eurotech-Eurostar Type 2	Pos	396 ÷ 348		÷		66 ÷ 16		44 ÷ 16	
32/860020R0	EUROSTAR 1a Versione	Pos	352 ÷ 297		0 ÷ 0		44 ÷ 16		÷	
32/860045R0	190 PT26 260 PC35 330 PC26...	Pos	335 ÷ 295		50 ÷ 60		45 ÷ 14		45 ÷ 14	
32/860052R0	Cabina 330.36	Pos	375 ÷ 335		50 ÷ 60		45 ÷ 14		45 ÷ 14	
32/860139R0	Fiat OM	Pos	348 ÷ 248		50 ÷ 60		32 ÷ 12		32 ÷ 12	
MAGIRUS										
32/860052R0	Cabina 330.36	Pos	375 ÷ 335		50 ÷ 60		45 ÷ 14		45 ÷ 14	
MAN										
27/860005R0	MAN F2000 ant	Ant	310 ÷ 260		0 ÷ 0		0 ÷ 0		0 ÷ 0	
27/860017R0	19.293FLL 19.344FLL	Pos	290 ÷ 240		0 ÷ 0		40 ÷ 14		40 ÷ 14	
27/860041R0	14.262U - 14.272U - 19362 ...	Ant	316 ÷ 262		41,5 ÷ 71		45 ÷ 14		÷	
27/860042R0	19.362 / 26.292	Pos	294 ÷ 258		41,5 ÷ 71		40 ÷ 14		40 ÷ 14	
27/860050R0	Top Sleeper	Ant	315 ÷ 261		41.5 ÷ 71		÷		45 ÷ 14	
27/860057R0	BF 780	Ant	250 ÷ 187		41.5 ÷ 48		32 ÷ 12		32 ÷ 12	
27/860067R0	13.192U	Ant	263 ÷ 213		40 ÷		40 ÷ 14		40 ÷ 14	
27/860068R0	13.168F/ .192F	Pos	233 ÷ 168		41,5 ÷ 48		32 ÷ 12		÷	
27/860104R0	TGA/STEYR	Ant	378 ÷ 280		÷		50 ÷ 12		50 ÷ 12	
27/860105R0	TGA/STEYR	Ant	378 ÷ 280		÷		50 ÷ 12		50 ÷ 12	
27/860106R0	Tractor TGA DX	Pos	÷		÷		50 ÷ 12		45 ÷ 12	



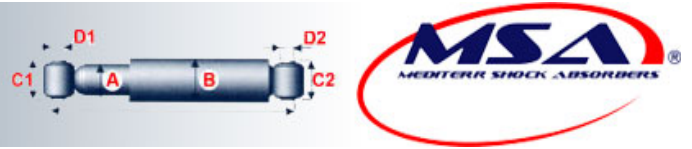
MSA	Model	Pos.	Aperto	Chiuso	A	B	C1	D1	C2	D2
27/860107R0	Truch TGA DX	Pos	340 ÷ 245	÷	÷	÷	12 ÷ 50	45 ÷ 12		
32/727399R0		Ant	379 ÷ 308	50 ÷ 83	50 ÷ 12	50 ÷ 12				
32/860123R0	26.373FNLL/ R 26.323FNLL/ ...	Pos	300 ÷ 265	50 ÷ 83	40 ÷ 14	40 ÷ 14				
32/860124R0	TGA	Pos	348 ÷ 286	50 ÷ 83	50 ÷ 12	45 ÷ 20				
32/860125R0	TGA-TG1	Pos	348 ÷ 286	50 ÷ 83	50 ÷ 12	45 ÷ 12				
32/860126R0	TGA/TG1	Ant	380 ÷ 308	50 ÷ 83	50 ÷ 12	50 ÷ 20				
MERCEDES										
27/860006R0	Mercedes Actros front	Ant	345 ÷ 280	0 ÷ 0	0 ÷ 0	0 ÷ 0				
27/860007R0	Mercedes Actros rear	Pos	315 ÷ 280	0 ÷ 0	0 ÷ 0	0 ÷ 0				
27/860030R0	ACTROS 1831/3353	Ant	338 ÷ 274	41,5 ÷ 48	40 ÷ 25	40 ÷ 14				
27/860031R0	ACTROS 1831/3353	Pos	330 ÷ 278	41,5 ÷ 48	40 ÷ 14	40 ÷ 14				
27/860032R0		Pos	370 ÷ 302	41,5 ÷ 48	32 ÷ 12	40 ÷ 12				
27/860044R0	Serie 14/16	Ant/Pos	258 ÷ 191	41.5 ÷ 48	33 ÷ 18	33 ÷ 18				
27/860070R0	cabina	Pos	387 ÷ 258	41.5 ÷ 48	32 ÷ 12	32 ÷ 12				
27/860092R0	ACTROS - ATEGO	Ant	351 ÷ 287	41.5 ÷ 48	40 ÷ 25	50 ÷ 14				
27/860100R0	ACTROS 1831-1860	Ant	÷	÷	38 ÷ 25	50 ÷ 14				
27/860122R0	serie 10-12-14-16	Pos	249 ÷ 196	41,5 ÷ 48	32 ÷ 14	32 ÷ 14				
27/860127R0	Actros	Ant	÷	÷	40 ÷ 25	40 ÷ 14				
27/860128R0	Actros 1831S - 3353S	Ant	÷	÷	40 ÷ 25	50 ÷ 14				
27/860129R0	Actros	Pos	÷	÷	50 ÷ 14	50 ÷ 14				
27/860133R0	serie 7,8,9,11,12	Pos	277 ÷ 202	41,5 ÷ 48	32 ÷ 12	32 ÷ 12				
RENAULT										
27/860010R0	Renault VIPremium rear	Pos	305 ÷ 204	0 ÷ 0	0 ÷ 0	0 ÷ 0				
27/860033R0	Premium	-	÷	÷	÷	÷				
27/860034R0	Magnum	-	÷	÷	÷	÷				
27/860035R0	G 340Ti	-	÷	÷	÷	÷				
27/860036R0	G 340Ti	-	÷	÷	÷	÷				
27/860059R0	serie R	Ant	253 ÷ 211	45 ÷ 45	0 ÷ 0	0 ÷ 0				



MSA	Model	Pos.	Aperto	Chiuso	A	B	C1	D1	C2	D2
27/860061R0	serie AE	Pos	305 ÷ 205		41,5 ÷ 48					
27/860093R0	PREMIUM	Pos	312 ÷ 245		41.5 ÷ 71		40 ÷ 12		40 ÷ 12	
27/860108R0	PREMIUM RVI	Ant	÷		÷		÷		÷	
27/860109R0	MAGNUM DXI 12	Ant	÷		÷		÷		÷	
27/860110R0	MAGNIM E-Tech	Pos	÷		÷		÷		÷	
27/860111R0	Premium 440	Pos	÷		÷		40 ÷ 12		÷	
27/860112R0	Magnum DXI	Pos	÷		÷		÷		÷	
27/860136R0	serie C/ G/ GR/ J/ S	Pos	246 ÷ 183		41,5 ÷ 48		32 ÷ 14		32 ÷ 14	
32/727103R0	serie AE	Ant	362 ÷ 252		50 ÷ 60				47 ÷ 12	
32/727382R0	PREMIUM	Ant	269 ÷ 212		50 ÷ 60		45 ÷ 14		45 ÷ 14	
32/860060R0	Gamma M	Pos	300 ÷ 253		50 ÷		47 ÷ 12		47 ÷ 12	
SCANIA										
27/860003R0	Scania 94 / 114 / 144 - fr...	Ant	303 ÷ 204		0 ÷ 0		0 ÷ 0		0 ÷ 0	
27/860004R0	Scania 94 / 114 / 144 - re...	Pos	303 ÷ 204		0 ÷ 0		0 ÷ 0		0 ÷ 0	
27/860008R0	Scania 94 / 114 / 144 - fr...	Ant	312 ÷ 216		0 ÷ 0		0 ÷ 0		0 ÷ 0	
27/860009R0	Scania 94 / 114 / 144 - fr...	Ant/Pos	0 ÷ 0		0 ÷ 0		0 ÷ 0		0 ÷ 0	
27/860011R0	Scania 93/113/143 rear	Ant	332 ÷ 261		0 ÷ 0		0 ÷ 0		0 ÷ 0	
27/860018R0	Scania 93/113/143 front-re...	Ant/Pos	÷		÷		÷		÷	
27/860019R0	94-114-144 sach's version	Ant/Pos	÷		÷		÷		÷	
27/860023R0	Scania 94/114/144 front-re...	Ant/Pos	0 ÷ 0		0 ÷ 0		÷		÷	
27/860037R0	Scania R Series front-rear	Ant/Pos	÷		÷		÷		÷	
27/860038R0	94/114/124/144	-	÷		÷		÷		÷	
27/860097R0	Serie CP/CR	Ant/Pos	÷		÷		÷		÷	
27/860098R0	Serie 3	Ant/Pos	÷		÷		÷		÷	
27/860103R0	Scania R Serie CP/CR	Pos	445 ÷ 350		÷		50 ÷ 14			
27/860134R0	R 113H	Pos	330 ÷ 230		41,5 ÷ 48		50 ÷ 14			
32/860063R0	Serie 141/142	Pos	250 ÷ 200		50 ÷ 60					
VOLVO										



MSA	Model	Pos.	Aperto	Chiuso	A	B	C1	D1	C2	D2
27/860001R0	FH (Chass.N° A291153/B216...	Pos	415 ÷ 363		41,5 ÷ 48		45 ÷ 14		45 ÷ 14	
27/860002R0	FH (->Chass.N° A291152/B21...	Ant	430 ÷ 302		0 ÷ 0		0 ÷ 0		0 ÷ 0	
27/860015R0	FH (Chass.N° A291153/B216...	Pos	405 ÷ 345		0 ÷ 0		45 ÷ 14		45 ÷ 14	
27/860016R0	FH (->Chass.N° A291152/B21...	Pos	405 ÷ 345		0 ÷ 0		0 ÷ 0		0 ÷ 0	
27/860025R0	F7	Ant	268 ÷ 212		41,5 ÷ 48		33 ÷ 14		33 ÷ 14	
27/860027R0	FH (->Chass.N° A291152/B21...	Ant	428 ÷ 300		41,5 ÷ 48		45 ÷ 20		45 ÷ 14	
27/860028R0	FH	Pos	264 ÷ 233		41,5 ÷ 48		45 ÷ 20		45 ÷ 20	
27/860029R0	FH (->Chass.N° A291152/B21...	Pos	400 ÷ 348		41,5 ÷ 48		45 ÷ 14		45 ÷ 14	
27/860039R0	serie F	Ant/Pos	246 ÷ 183		41,5 ÷ 48		32 ÷ 14		32 ÷ 14	
27/860040R0	F10/ F12	Pos	249 ÷ 196		41,5 ÷ 48		32 ÷ 14		32 ÷ 14	
27/860043R0	F7 - F10 - F12 - F16	Pos	333 ÷ 258		41,5 ÷ 50		32 ÷ 14		32 ÷ 14	
27/860062R0	N12 1° serie	Pos	230 ÷ 179		41,5 ÷ 48		36 ÷ 16		36 ÷ 16	
27/860117R0	FH12	Ant	÷		÷		÷		÷	
27/860137R0	FL7/ FL10/FL12	Ant	262 ÷ 200		41,5 ÷ 48		32 ÷ 14		32 ÷ 14	
32/860119R0	Serie FH-FM	Pos	412 ÷ 360		49,5 ÷ 60		45 ÷ 14		45 ÷ 14	
32/860120R0	Serie FH-FM	Ant	345 ÷ 235		49,5 ÷ 60		46 ÷ 20		÷ ÷	
727386		-	÷		÷		÷		÷	
ERF										
27/860091R0	Serie A - B - C	Pos	320 ÷ 235		41,5 ÷ 48		÷ ÷		32 ÷ 13	



MSA	Model	Pos.	Aperto	Chiuso	A	B	C1	D1	C2	D2
Aerdiesel										
32/830232R0	30 RP	Ant/Pos	520 ÷ 335		50 ÷ 60		38 ÷ 16		38 ÷ 16	
Bremach										
32/830178R0	MOTO APE (3 ruote)	Pos	534 ÷ 331		40 ÷ 50		38 ÷ 16		38 ÷ 16	
32/830219R0	35-45	Ant/Pos	466 ÷ 304		50 ÷ 60		38 ÷ 16		38 ÷ 16	
32/830247R0		Ant/Pos	394 ÷ 267		50 ÷ 60		38 ÷ 16		38 ÷ 16	
38/830240R0	MOTO APE (3 ruote) - Lupet...	Ant	654 ÷ 410		60 ÷ 71		42 ÷ 16		42 ÷ 18	
Effedi										
32/830219R0	GASOLONE TS 35	Ant/Pos	466 ÷ 304		50 ÷ 60		38 ÷ 16		38 ÷ 16	
Evobus										
32/820109R0	CITY CITARO	Ant	477 ÷ 287		62 ÷ 75		🔧 ÷ 🔧		🔧 ÷ 🔧	
Iveco										
27/727350R0	Gamma "S" DAILY F8/28/30/3...	Pos	569 ÷ 347		41,5 ÷ 48		40 ÷ 12		40 ÷ 12	
27/727351R0	Gamma "S"	Ant	495 ÷ 310		41,5 ÷ 48		38 ÷ 16		38 ÷ 16	
27/780012R0	Gamma "S" 35.8/.10/.12 SPE...	Pos	636 ÷ 383		41.5 ÷ 48		38 ÷ 16		38 ÷ 16	
32/732357R0	35t	Pos	570 ÷ 350		50 ÷ 60		38 ÷ 16		38 ÷ 16	
32/780016R0	35-40-45-49	Pos	574 ÷ 352		50 ÷ 60		38 ÷ 16		38 ÷ 16	
32/780035R0	50.11/50.13	Pos	570 ÷ 350		50 ÷ 60		38 ÷ 16		38 ÷ 16	
32/780038R0	S 2000 60.14/65.14	Pos	564 ÷ 347		50 ÷ 60		38 ÷ 16		38 ÷ 16	
32/830020R0	"S2000" 29L - 35S - 35C	Ant	405 ÷ 320		50 ÷ 65		38 ÷ 16		38 ÷ 16	
32/830021R0	S2000 29L-35S	Ant	405 ÷ 380		50 ÷ 65		38 ÷ 16		38 ÷ 16	
32/830025R0	S 2000 50.11/50.13	Ant	444 ÷ 287		50 ÷ 60		38 ÷ 16		38 ÷ 16	
32/830033R0	29L 35S 35C	Pos	476 ÷ 303		50 ÷ 60		38 ÷ 16		38 ÷ 16	
32/830038R0	50.8/50.9/50.10 55.8/55.9/...	Pos	550 ÷ 345		50 ÷ 60		42 ÷ 18		42 ÷ 18	
32/830057R0	60.14/65.14	Ant	400 ÷ 280		50 ÷ 60		38 ÷ 16		38 ÷ 16	
32/830081R0	"S2000" 29L-35S	Pos	480 ÷ 315		50 ÷ 60		38 ÷ 16		38 ÷ 16	
32/830082R0	S2000 29L - 35S	Pos	476 ÷ 303		50 ÷ 60		38 ÷ 16		38 ÷ 16	
32/830088R0	S2000 35C Ruote Gemelle So...	Ant	400 ÷ 304		50 ÷ 60		44 ÷ 16		44 ÷ 16	




MSA	Model	Pos.	Aperto	Chiuso	A	B	C1	D1	C2	D2
32/830091R0	"S2000" 60C - 65C	Pos	655 ÷ 400		50 ÷ 60		38 ÷ 16		38 ÷ 16	
32/830092R0	S2000 29L - 35S STEP2	Ant	400 ÷ 354		50 ÷ 65		44 ÷ 16		44 ÷ 16	
32/830093R0	S2000 29L - 35S STEP 2/3	Pos	505 ÷ 318		50 ÷ 60		38 ÷ 16		38 ÷ 16	
32/830131R0	DAILY 59.12	Ant	445 ÷ 295		50 ÷ 60		38 ÷ 16		38 ÷ 16	
32/830178R0	MOTO APE (3 ruote)	Pos	534 ÷ 331		40 ÷ 50		38 ÷ 16		38 ÷ 16	
32/830191R0	Gamma "S"	Ant	500 ÷ 322		50 ÷ 60		38 ÷ 16		38 ÷ 16	
38/780024R0	Daily 4x4 35-55 Q.li	Ant	580 ÷ 359		60 ÷ 71		38 ÷ 16		38 ÷ 16	
38/780025R0	Daily 4x4 35.55 Q.li	Pos	625 ÷ 382		60 ÷ 71		38 ÷ 16		38 ÷ 16	
38/830125R0	59.12	Pos	470 ÷ 340		60 ÷ 71		38 ÷ 16		38 ÷ 16	
38/830240R0	Lupetto	Ant	654 ÷ 410		60 ÷ 71		42 ÷ 16		42 ÷ 18	
MERCEDES										
27/830102R0	F20/25/30/35 L206D-306D (5...	Pos	514 ÷ 321		41.5 ÷ 48		40 ÷ 12		40 ÷ 14	
27/830103R0	Serie 2/3/O 300	Ant	602 ÷ 362		41.5 ÷ 48		32 ÷ 12		32 ÷ 12	
38/820108R0	CITY CITARO	Pos	543 ÷ 333		62 ÷ 71		÷		÷	
SCAM										
32/830248R0	35 - 50 qt.	Ant	590 ÷ 360		50 ÷ 60		38 ÷ 16		38 ÷ 16	
32/830249R0	35 - 50 qt.	Pos	590 ÷ 360		50 ÷ 60		38 ÷ 16		38 ÷ 16	
38/780024R0	Daily 4x4 35-55 Q.li	Ant	580 ÷ 359		60 ÷ 71		38 ÷ 16		38 ÷ 16	
38/780025R0	Daily 4x4 35.55 Q.li	Pos	625 ÷ 382		60 ÷ 71		38 ÷ 16		38 ÷ 16	



MSA	Model	Pos.	Aperto	Chiuso	A	B	C1	D1	C2	D2
Effedi										
27/830243R0	F 100 tutti i modelli		555 ÷ 340		41.5 ÷ 48		÷	÷	÷	
GAMBETTI-BARRE										
38/727357R0	Ammortizzatore di Sterzo		1095 ÷ 630		61 ÷ 71		÷	÷	÷	
38/727358R0	Ammortizzatore di sterzo		1095 ÷ 630		61 ÷ 71		÷	÷	÷	
Iveco										
27/720346R0	Stabilizzatore Sterzo Bus ...		1085 ÷ 622		42 ÷ -		24 ÷ 16		÷	

SEDILI/SEATS/SITZ
SIÈGES/ASIENTOS



MSA	Model	Pos.	Aperto	Chiuso	A	B	C1	D1	C2	D2
Fisa										
27/850006R0	INBUS - FIAT FISA FA.416		277 ÷ 200		40 ÷ 		30 ÷ 13		24 ÷ 15	

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