

NEW TO RANGE

MDSP-103-2021



CATERPILLAR

CAT C Series Perkins EUI Injector Parts Catalogue



DISCOVER

DIESEL

EXCELLENCE

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testequipment@merlindiesel.com



www.merlindiesel.com

Manufacturer's part numbers are given for reference purposes only and do not imply that in all cases the parts are of their manufacture. Illustrations and Technical Data are non-binding and are subject to change as a result of technological progress.

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HARTRIDGE HK1400 EXPERT CAM-BOX



HK1400 EUI APPLICATIONS

VOLVO	E3, E1, A SERIES
LAND ROVER	TD5
JOHN DEERE	E1, A SERIES
VOLVO BOSCH	A SERIES
CAT EUI	C10, C12, C15, C18, C27, C32, 3500
SCANIA	11, 12, 16
IVECO	CURSOR 8, 10, 13, E1
DETROIT DIESEL	SERIES 60 N2, N3
VW	PD, PDB, PPD (PIEZO)
CUMMINS	CELECT
NISSAN	BOSCH, GEI3
DELPHI	DAF EUP
BOSCH	MACK, MB ACTROS, MB ATEGO, VOLVO

MERLIN S9000 MKII



S9000 MK II APPLICATIONS

CATERPILLAR	3408, 3412, 3126A, 3126B, C7/C9 HEUI
NAVISTAR	DT446E, DT530E HEUI
FORD POWERSTROKE	POWERSTROKE 3126 TYPE
BOSCH	COMMON RAIL INJECTORS
DELPHI	COMMON RAIL INJECTORS
DENSO	COMMON RAIL INJECTORS
CONTINENTAL	COMMON RAIL INJECTORS

HARTRIDGE TOLEDO HEUI MASTER



TOLEDO APPLICATIONS

FORD POWERSTROKE	4.5L V6, 6.0L V8, 7.3L V8
NAVISTAR	DT444E, DT446E, DT530E, DT570- HT570, VT275, VT365
ISUZU	4JX1
CATERPILLAR	3408, 3412, 3116E, 3126A, 3126B, C7,C9

For more information on the specifications for the test solutions, please request a brochure or visit merlindiesel.com

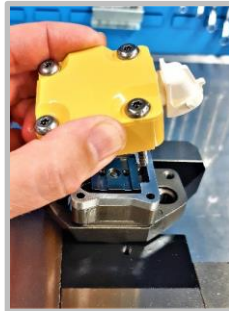
Training & Tooling Solutions at Merlin Diesel

Merlin Diesel's extensive Research and Development programme in the field of EUI and HEUI has led to a surge of interest from technicians worldwide. The need for a qualified and skilled work force is essential for garage and workshop productivity.



In response to this demand Merlin have created a state-of-the-art training facility dedicated to providing an in-depth understanding of the processes involved in effective, inspection, fault diagnosis, fault correction, re-calibration and test.

All courses cover theory and practical demonstrations, equipping technicians with the practical skill to effectively identify faults and repair the relevant unit by the course's completion.



We provide comprehensive tool kits to compliment the courses we are offering. The tool kits cover a complete disassembly and assembly process for all the modules in the prospectus. The kits contain tools for the following technologies:

Technologies & Brand			
Bosch CRI/CRIN	Denso/VDO CRI	CAT CRI & CRP	Delphi Technologies EUI
Bosch EUI/EUP	All Makes HEUI	CAT EUI	Delphi Technologies/CAT EUI (Valve Kit)
Detroit Diesel EUI	Bosch EUI/EUP (Valve Kit)		

Merlin courses are open to all - Competitive pricing policy - Access post-training support

For more information please contact: testequipment@merlindiesel.com

Cross Reference Numbers

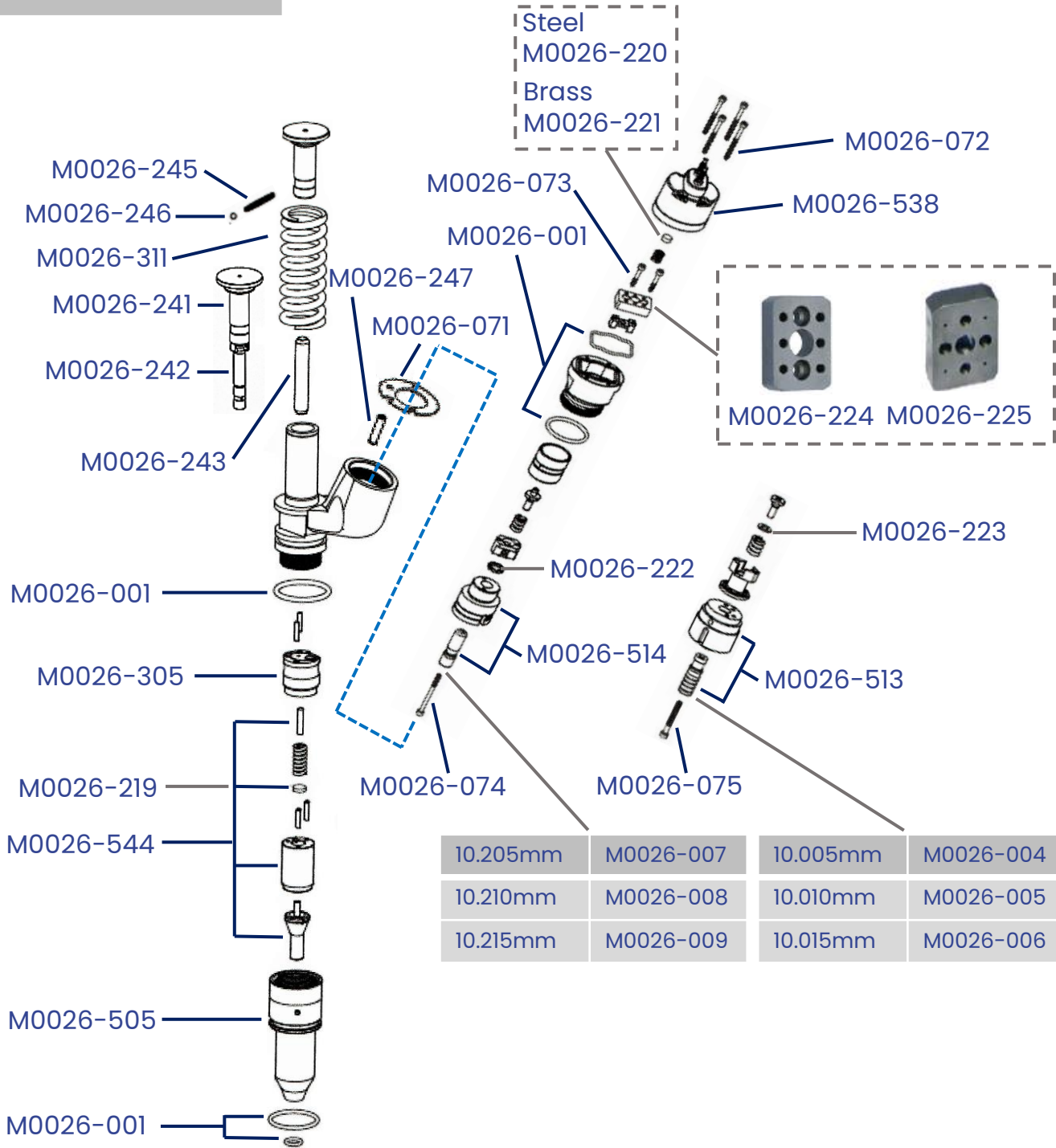
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15	CH12071					
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20	211-3023	10R8501	159-2479	140-8993	103-4562	

C Series EUI Injector Parts



276-8307

10R7231

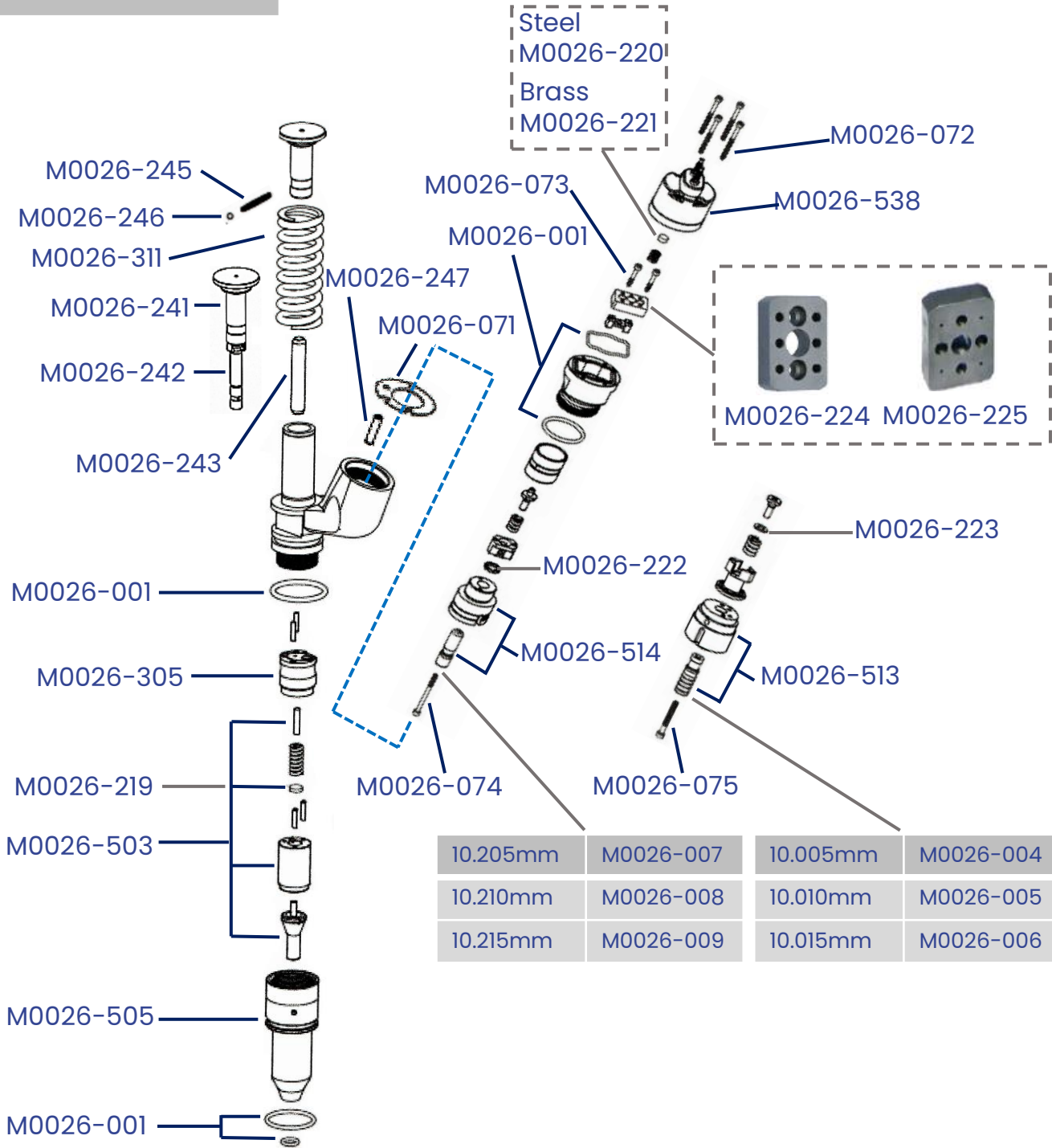


C Series EUI Injector Parts



253-0618

10R2772

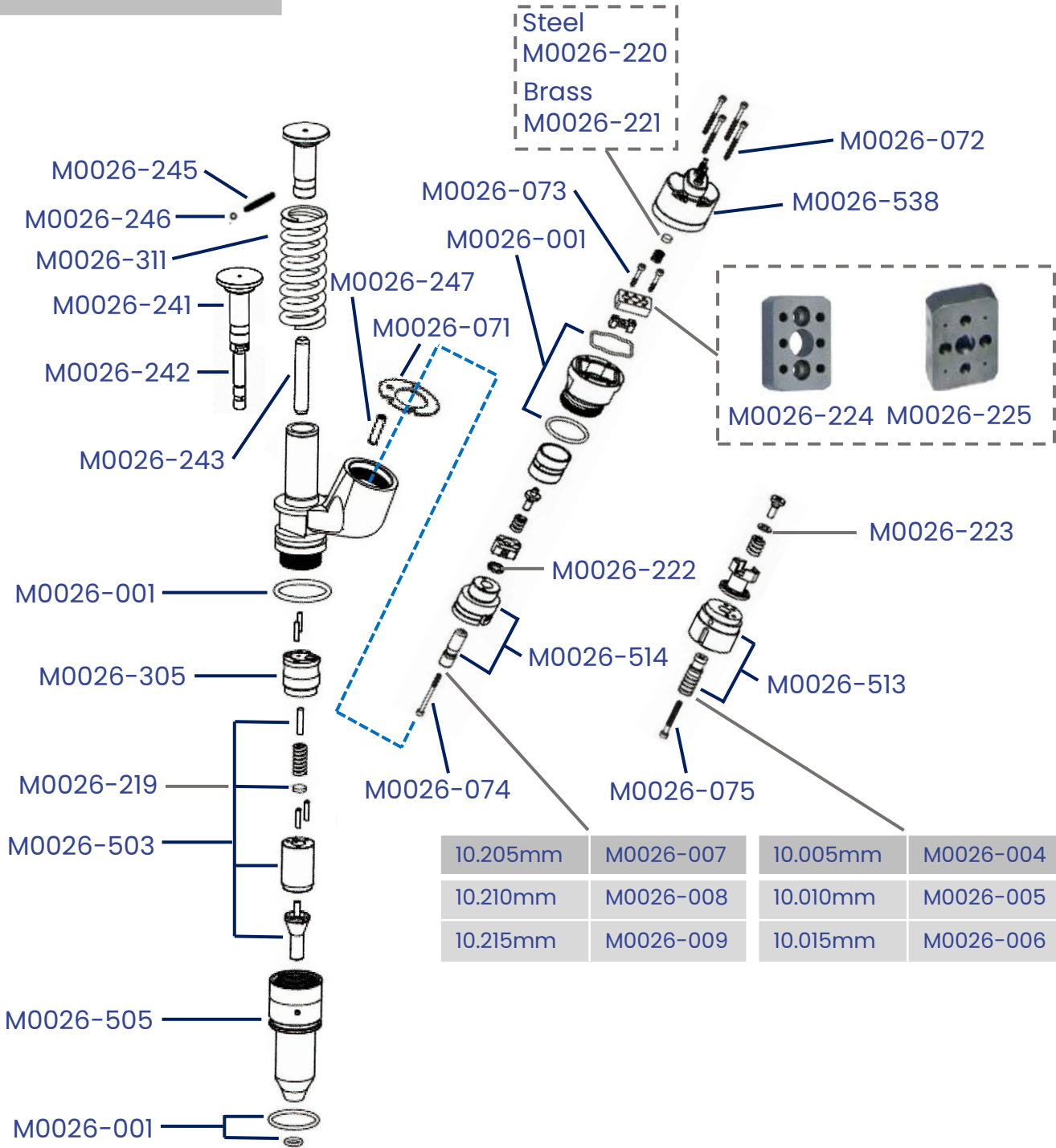


C Series EUI Injector Parts



295-9085

10R8988

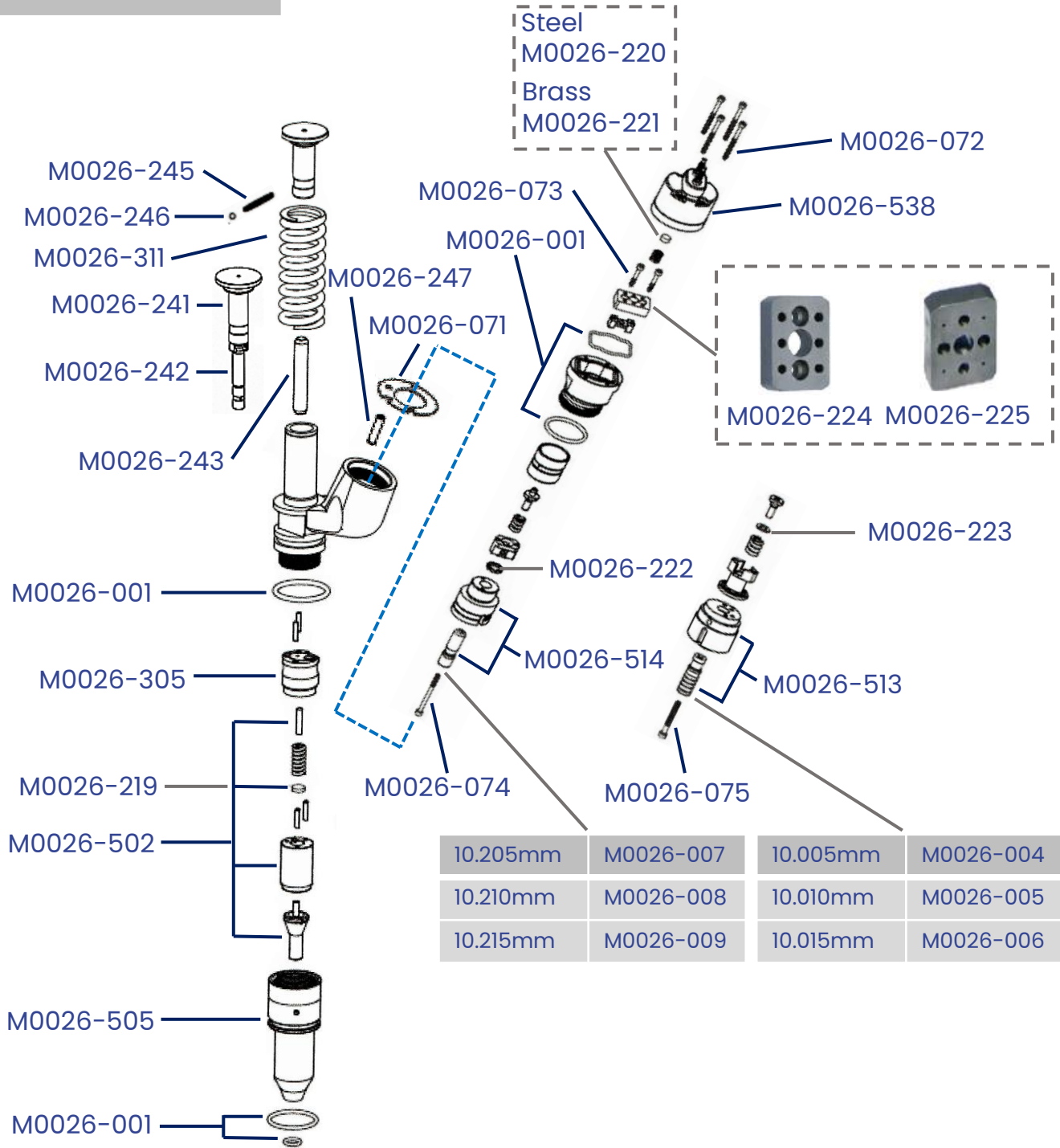


C Series EUI Injector Parts



374-0750

20R2284

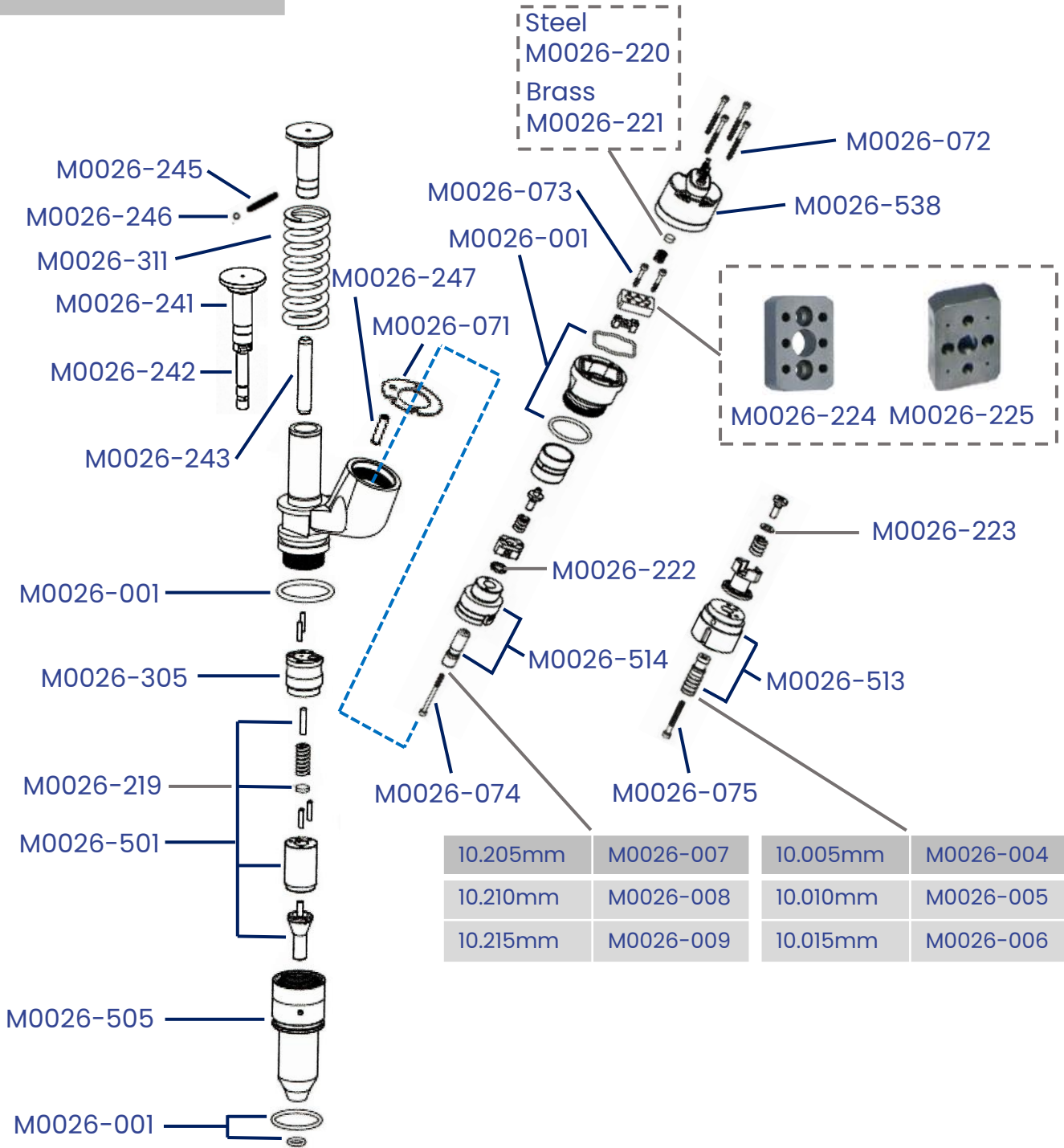


C Series EUI Injector Parts



253-0616

10R3265

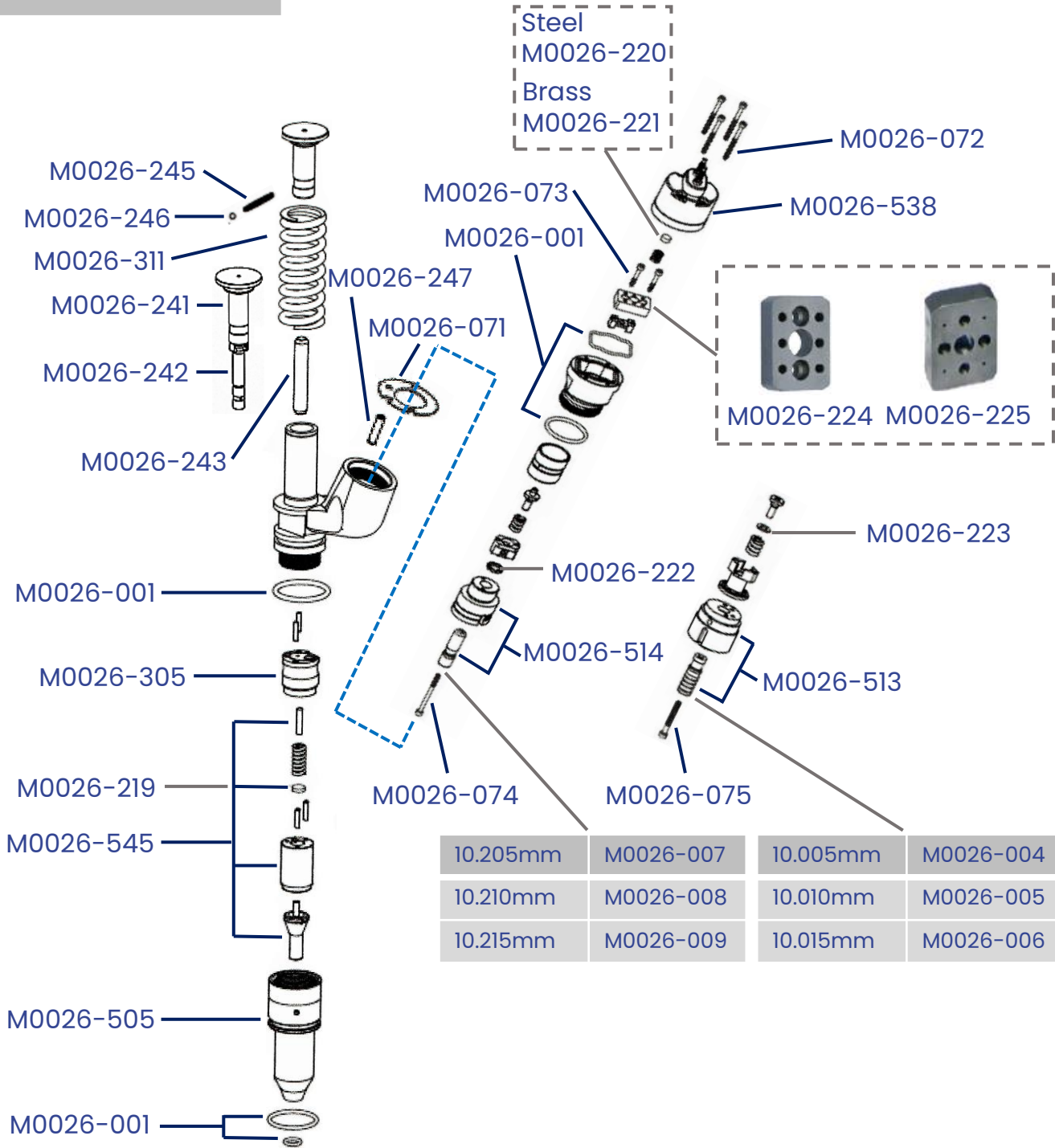


C Series EUI Injector Parts



211-3028

10R7228

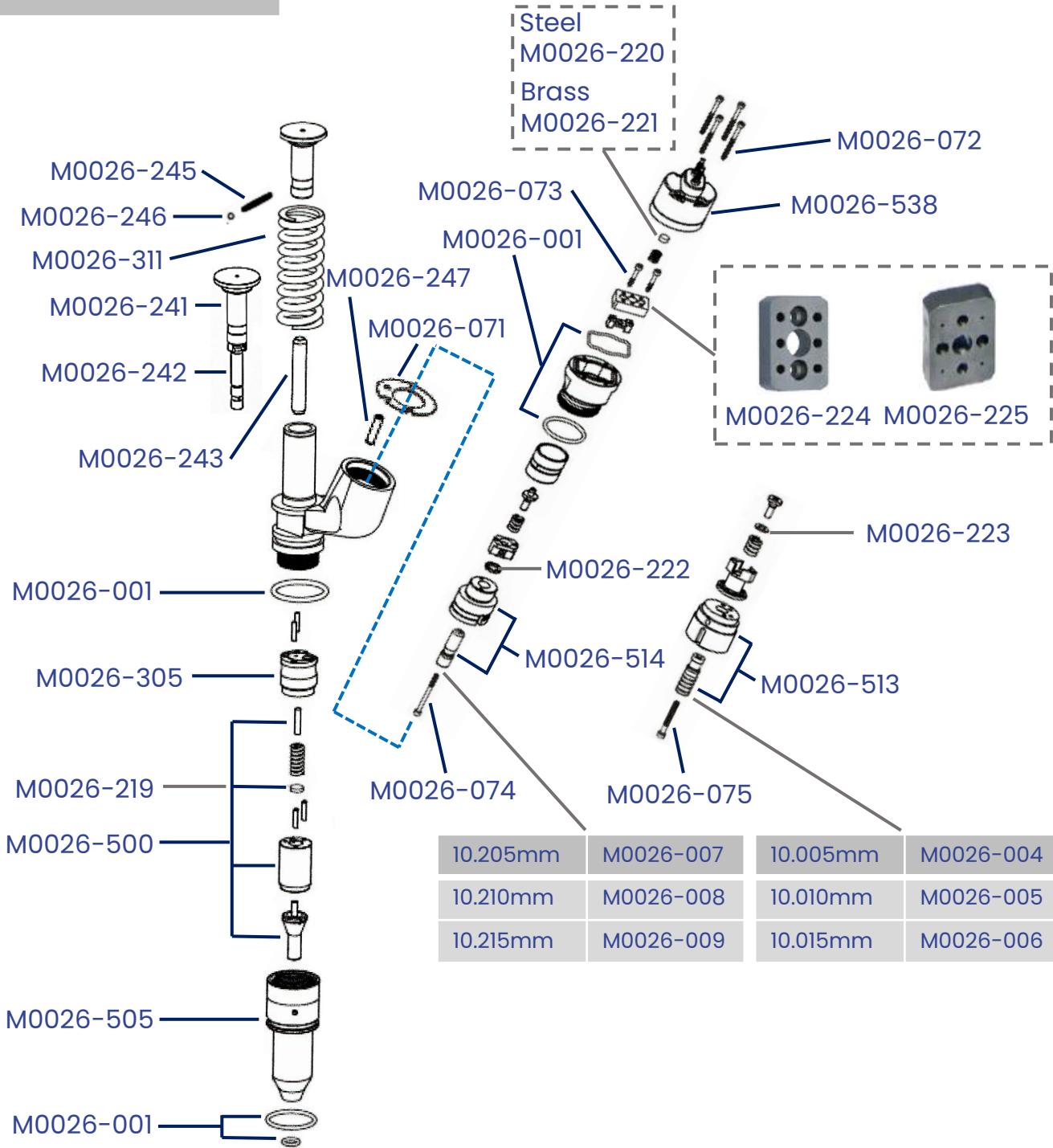


C Series EUI Injector Parts



374-0751

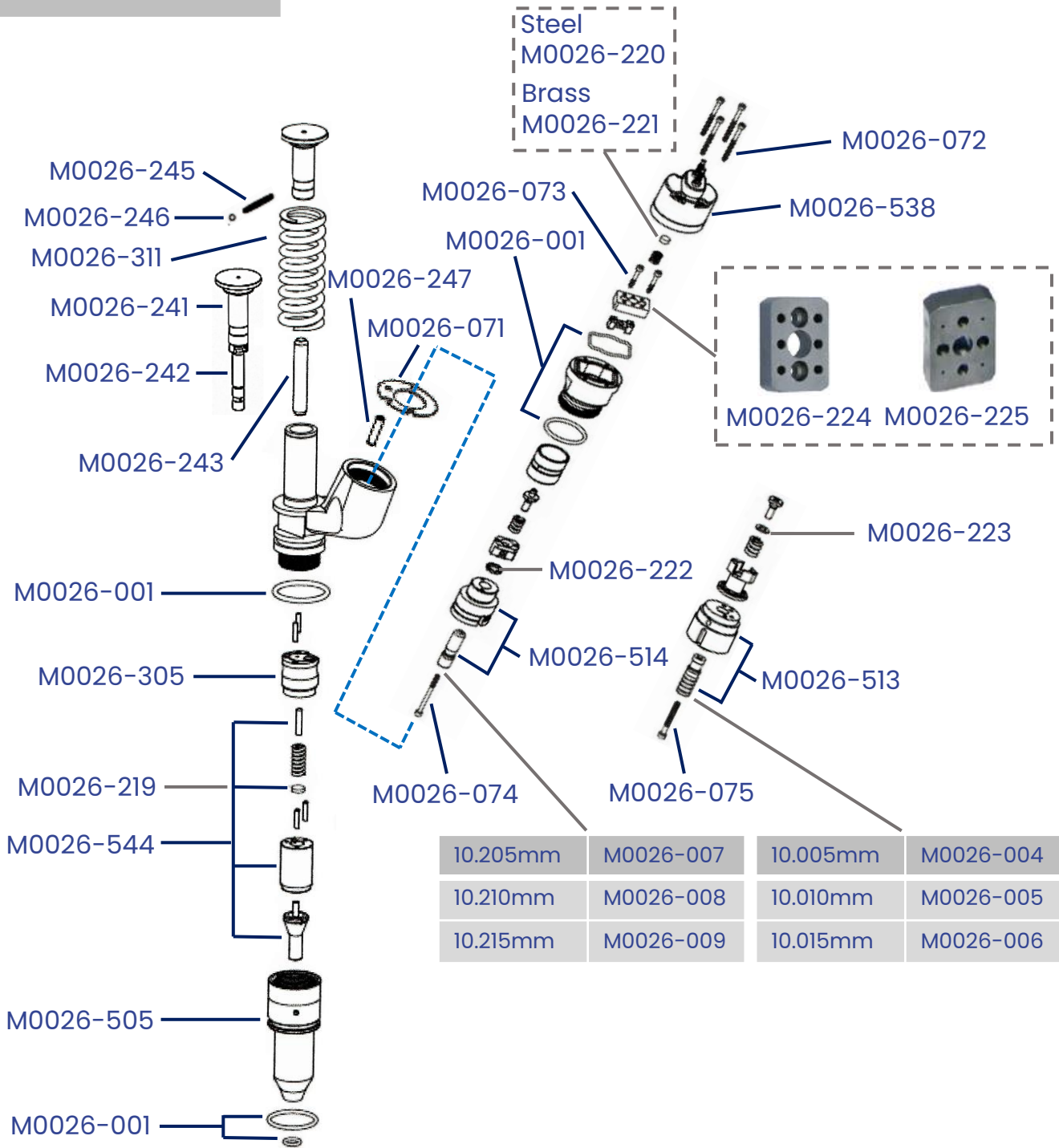
20R2285



C Series EUI Injector Parts



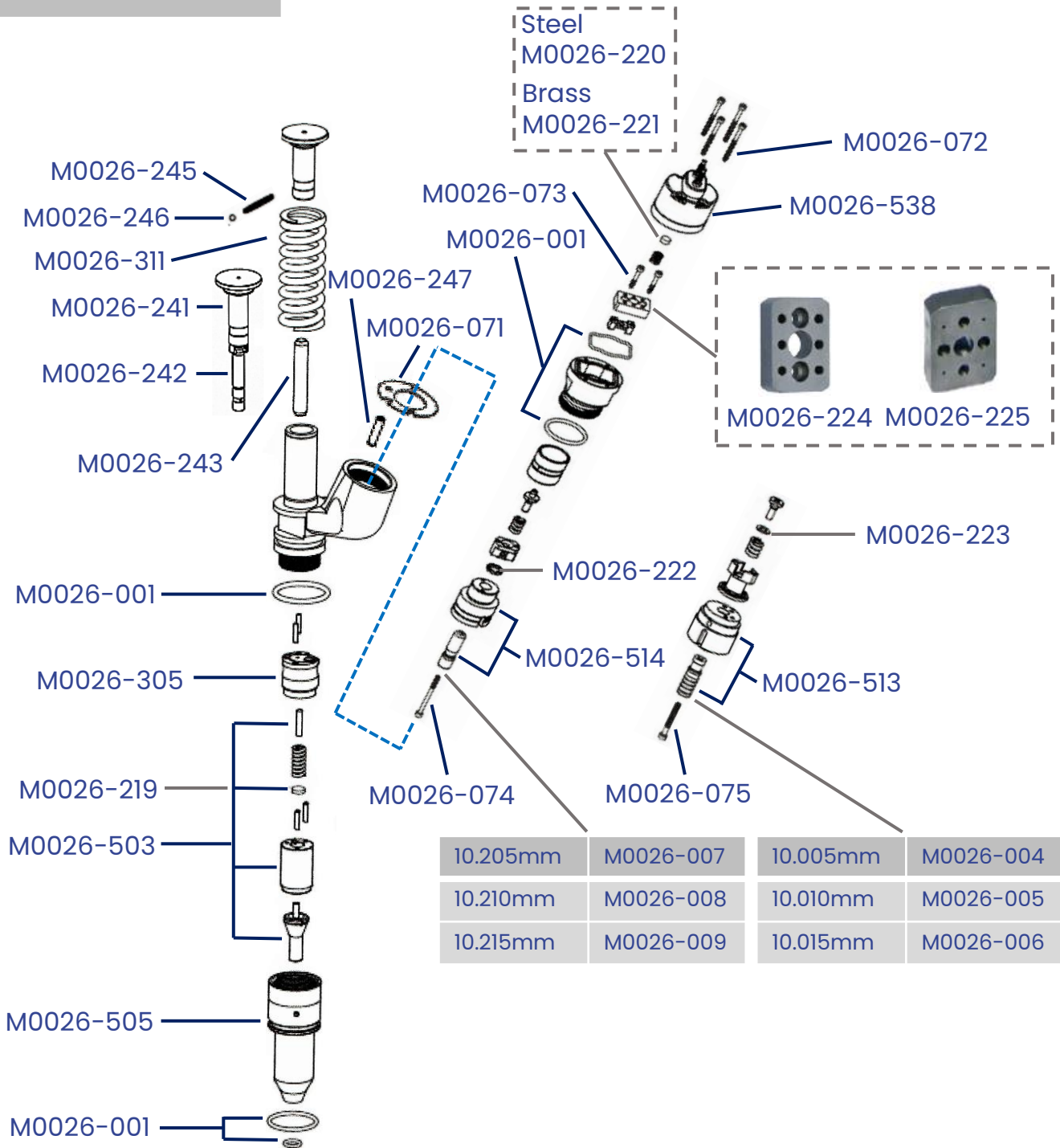
CH10948



C Series EUI Injector Parts



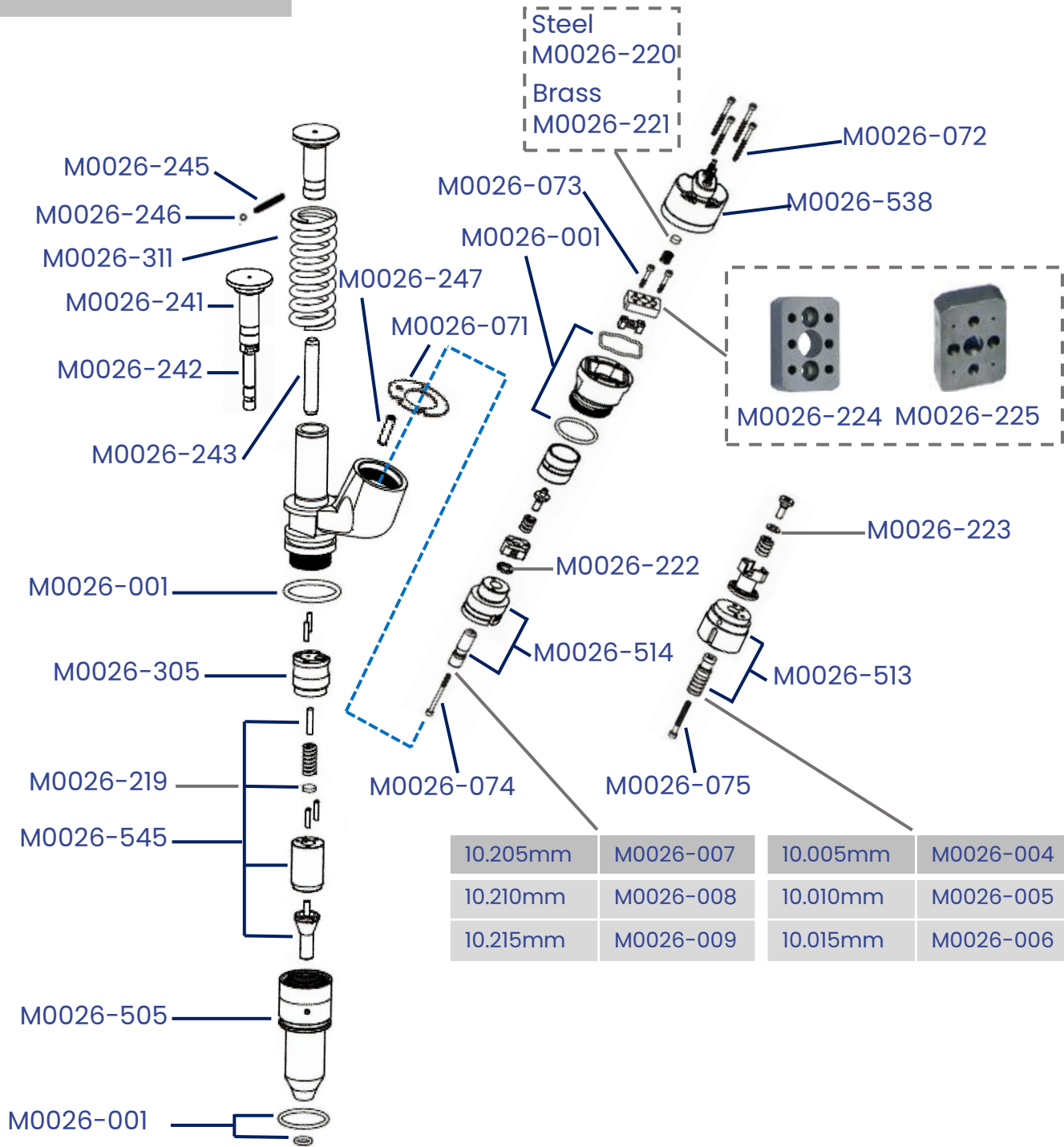
CHI1945



C Series EUI Injector Parts



CH12071

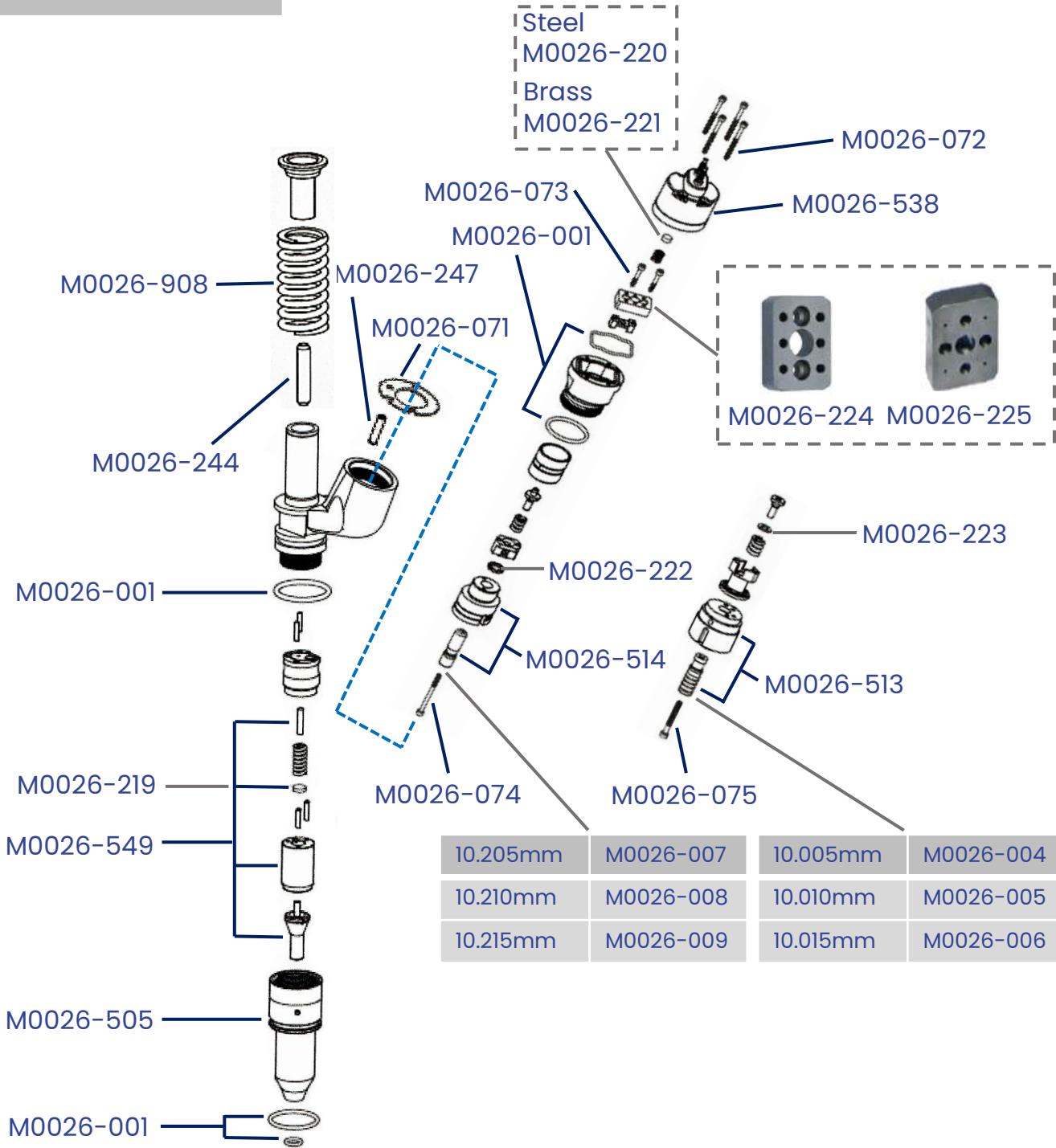


C Series EUI Injector Parts



249-0713

10R3262

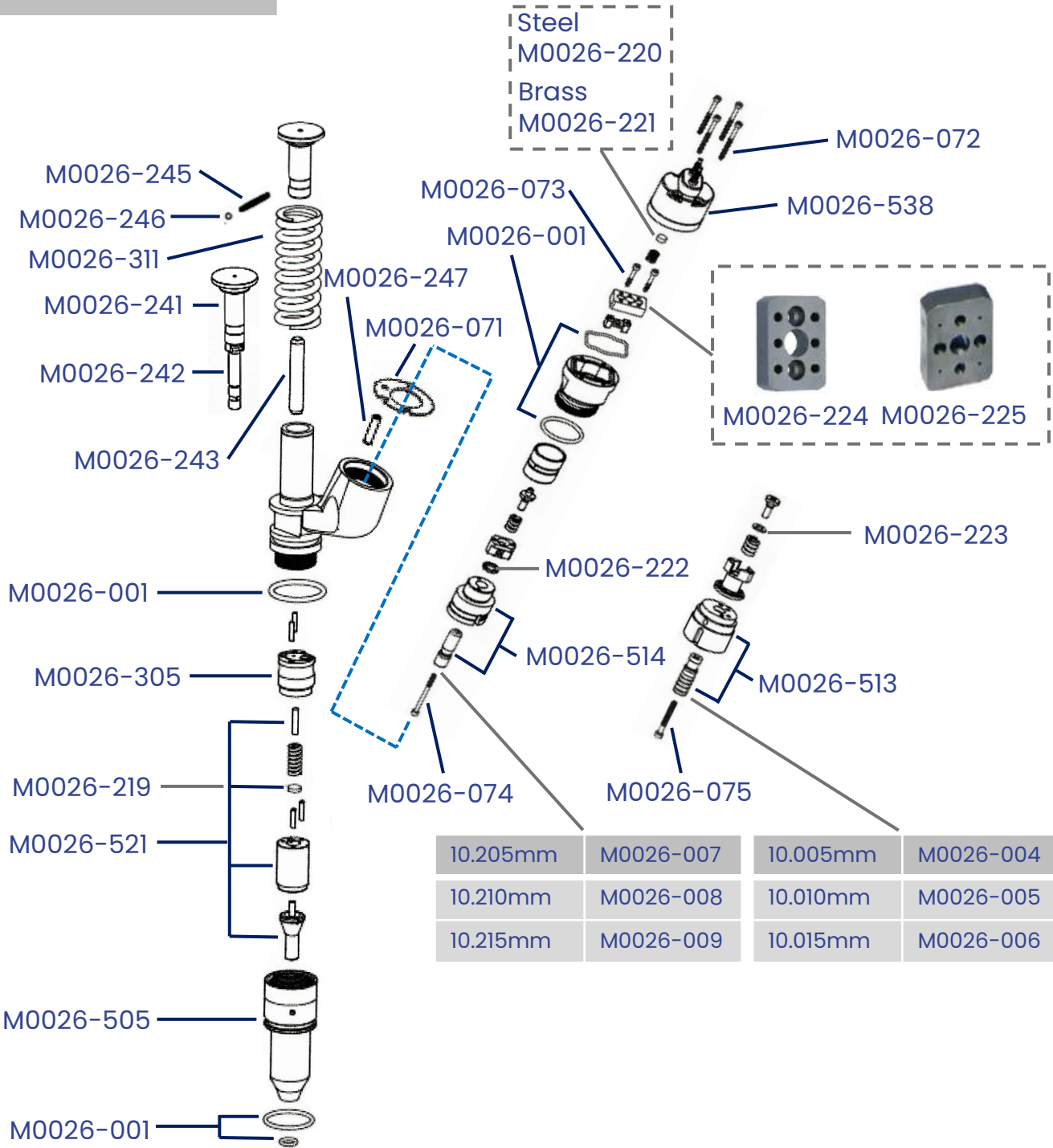


C Series EUI Injector Parts



356-1367

10R1273

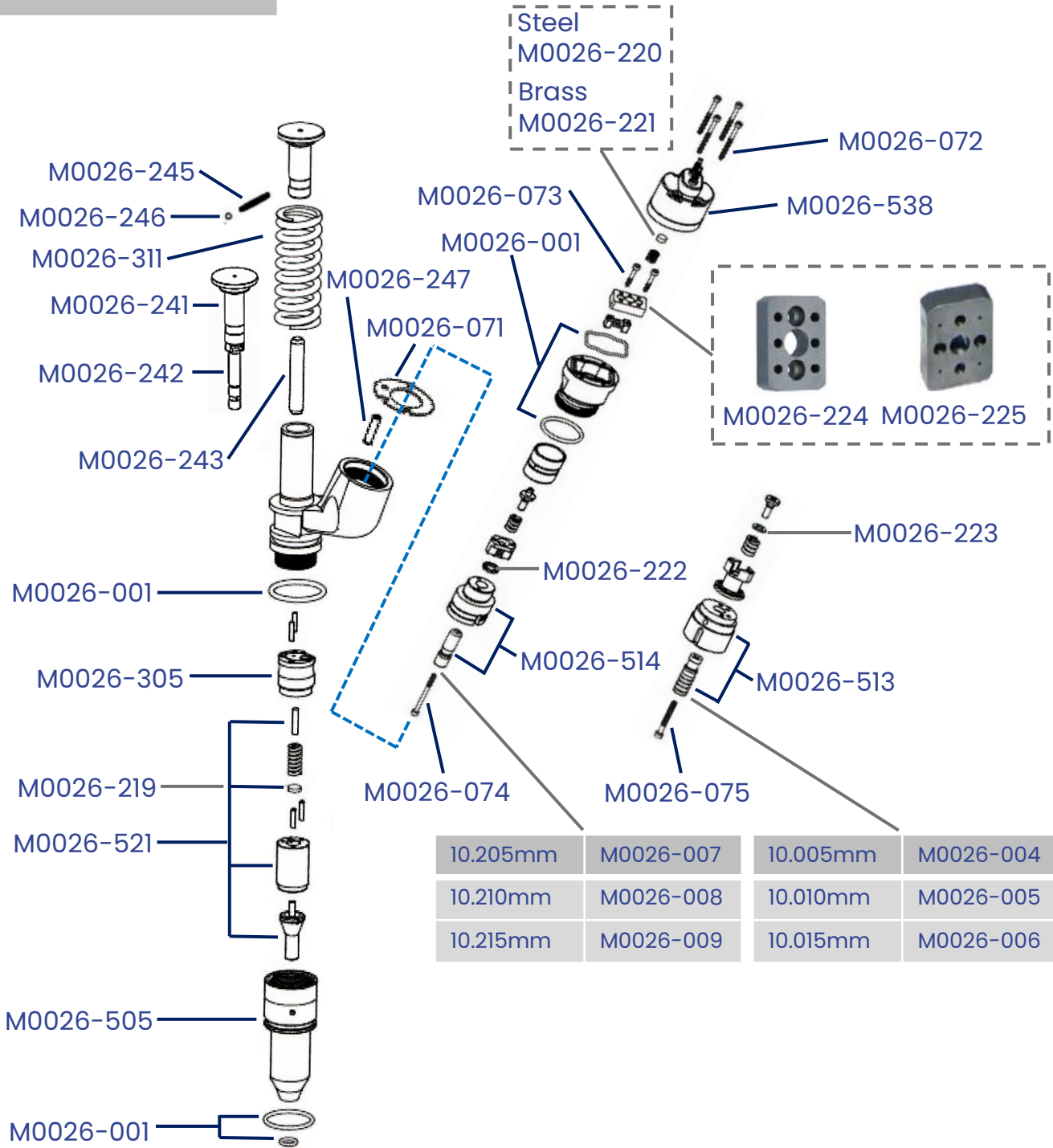


C Series EUI Injector Parts



229-5919

10R1000

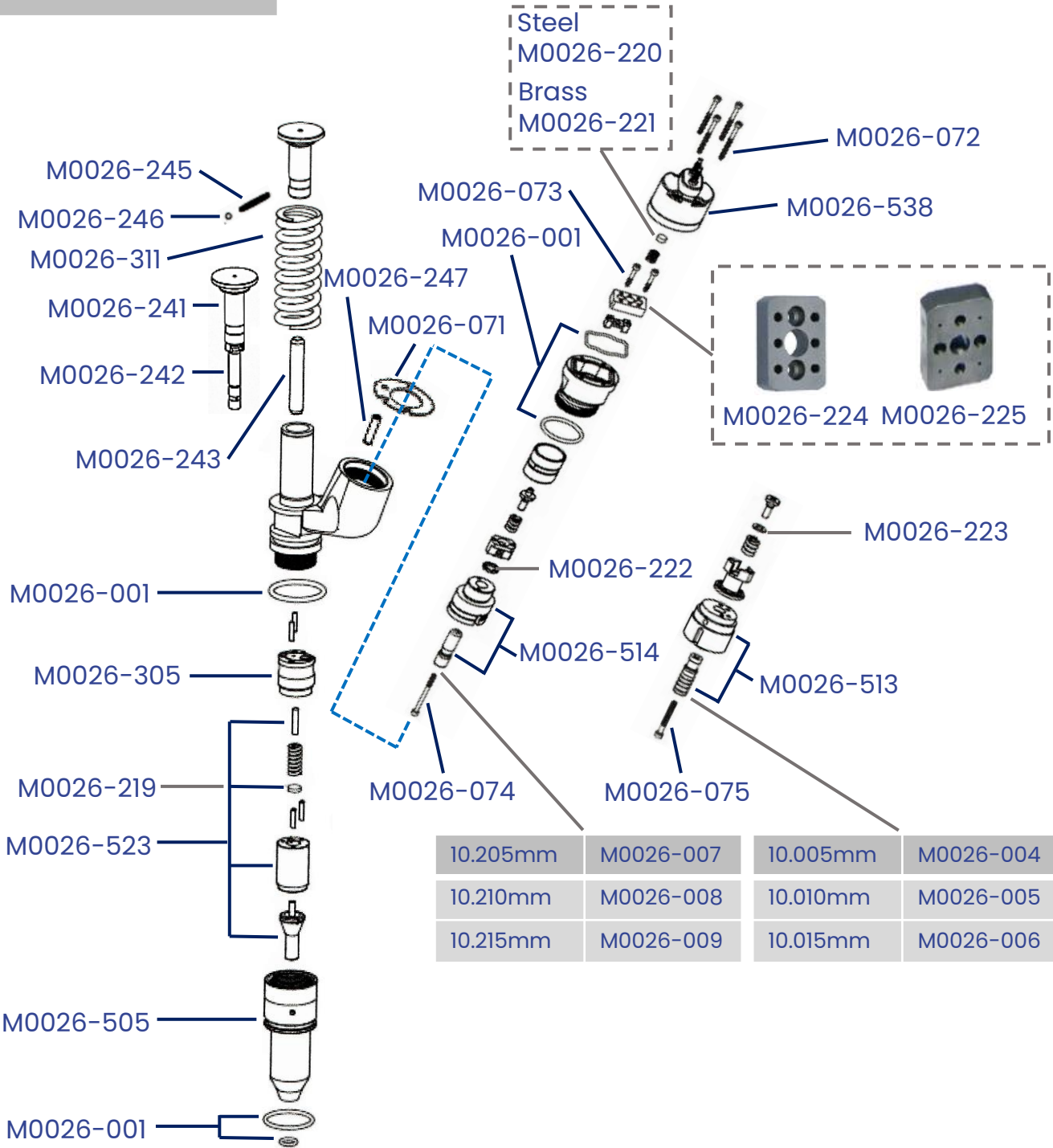


C Series EUI Injector Parts



211-3024

10R8502

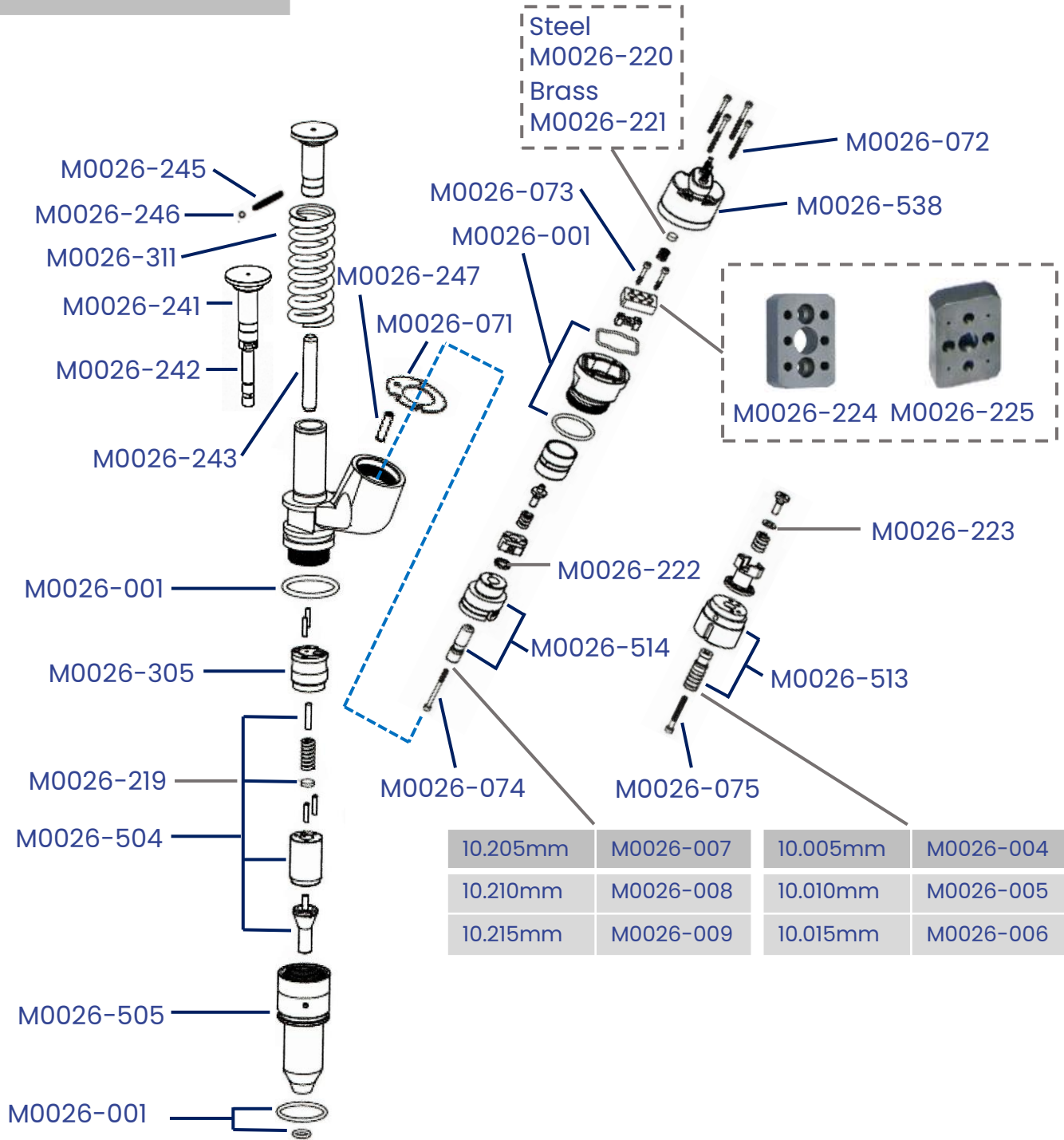


C Series EUI Injector Parts



211-3023

10R8501

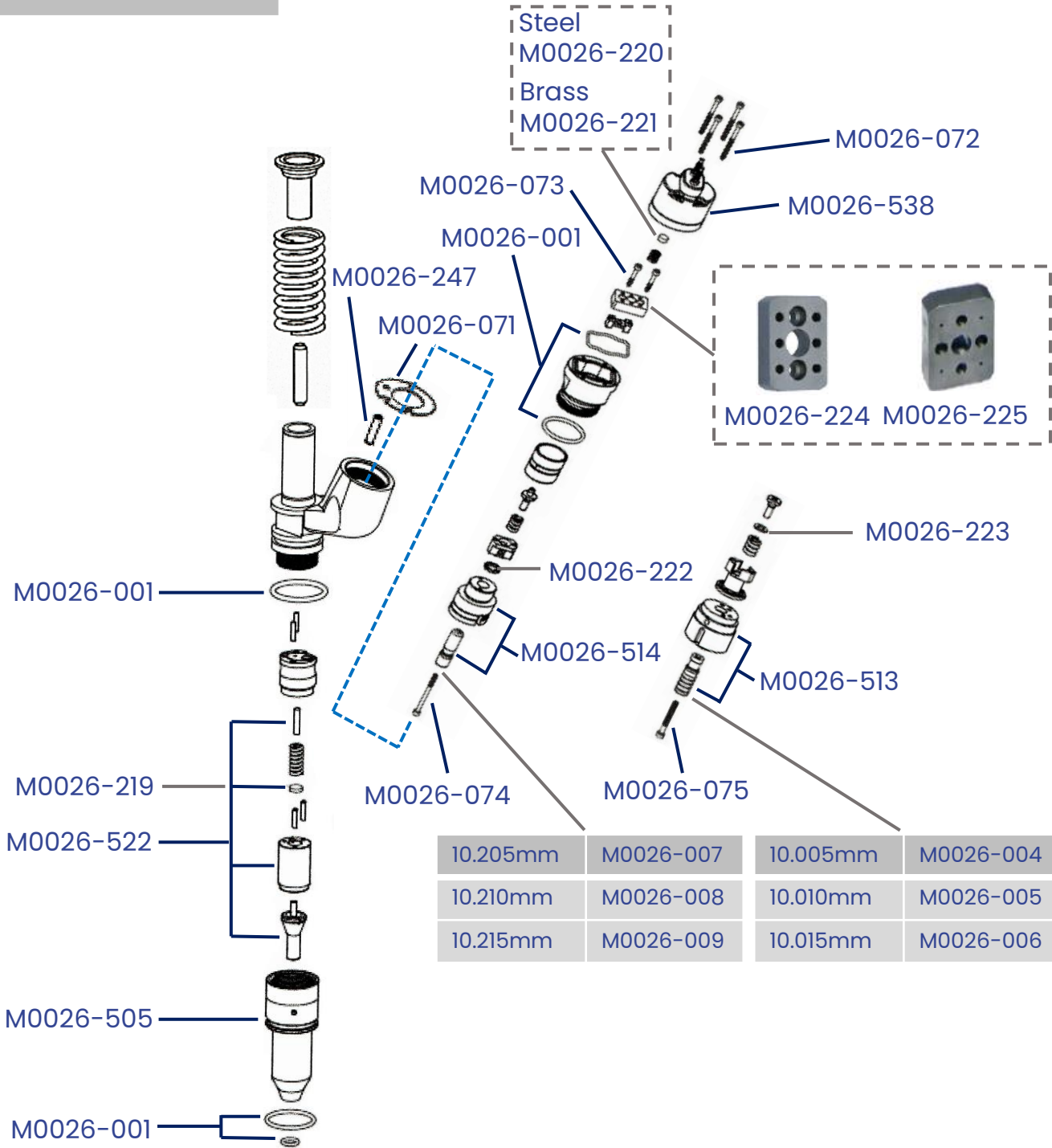


C Series EUI Injector Parts



249-0708

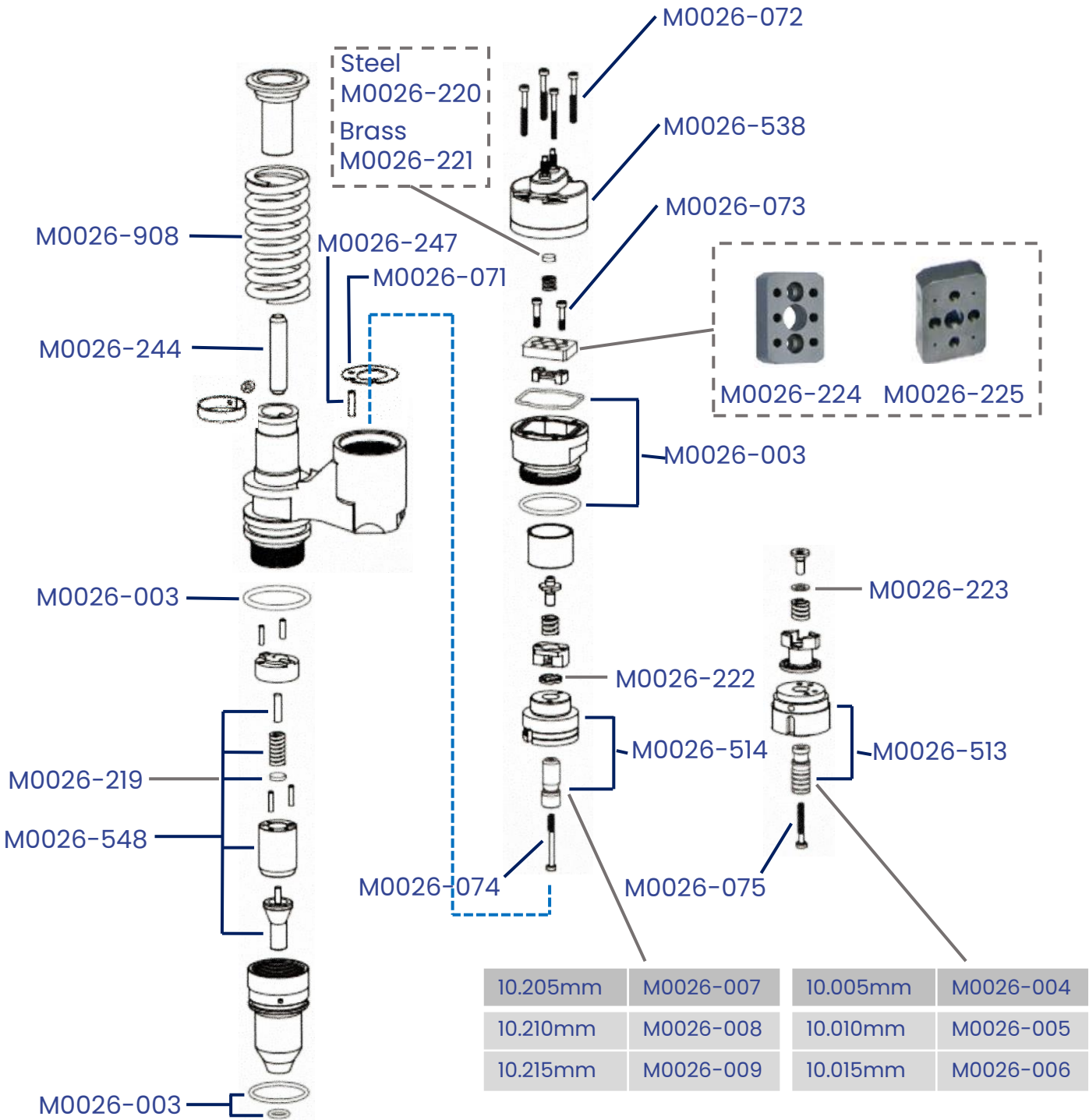
10R2977



C Series EUI Injector Parts



CH12082

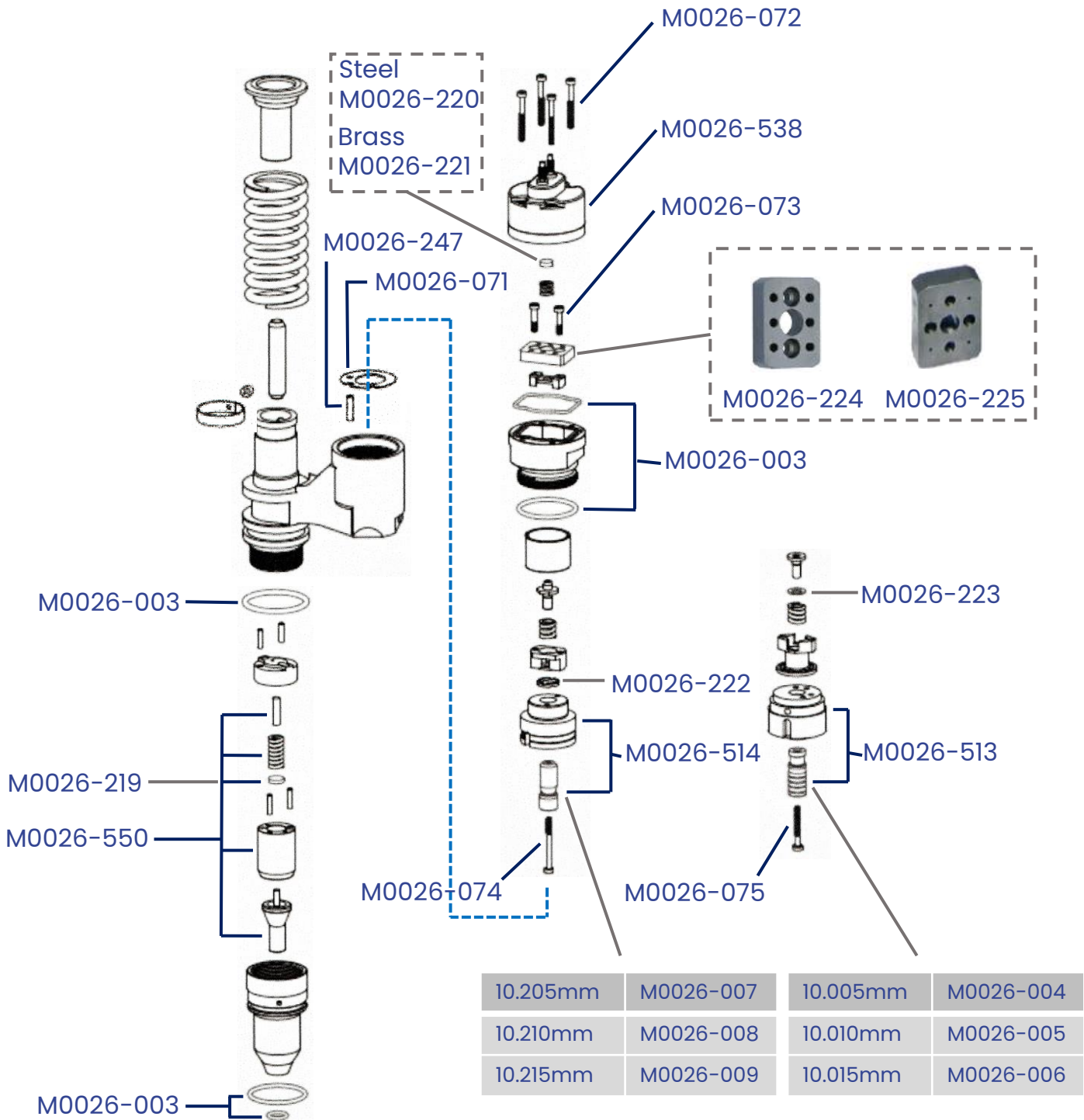


C Series EUI Injector Parts



212-3460

10R0960

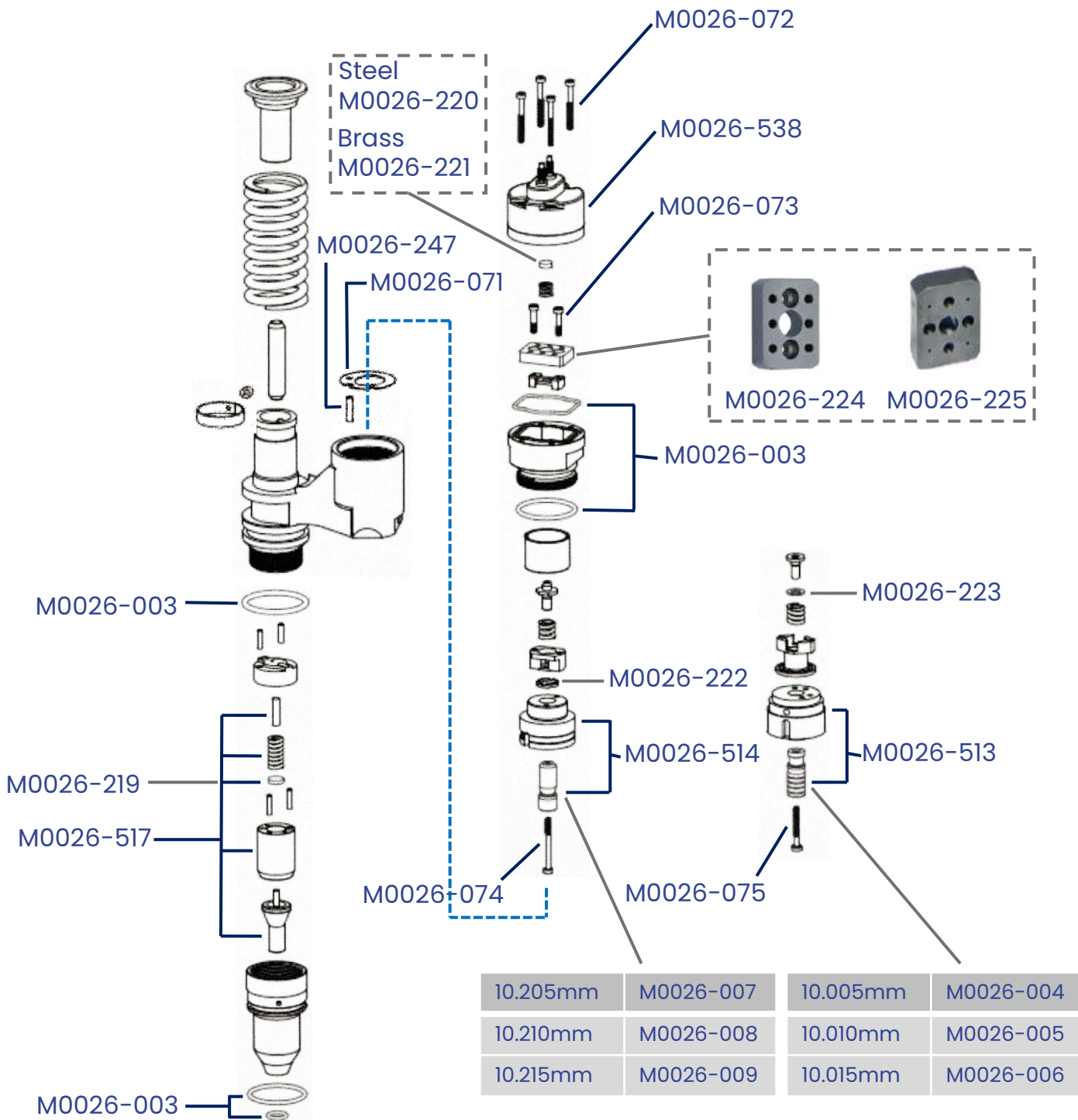


C Series EUI Injector Parts



212-3463

10R0963

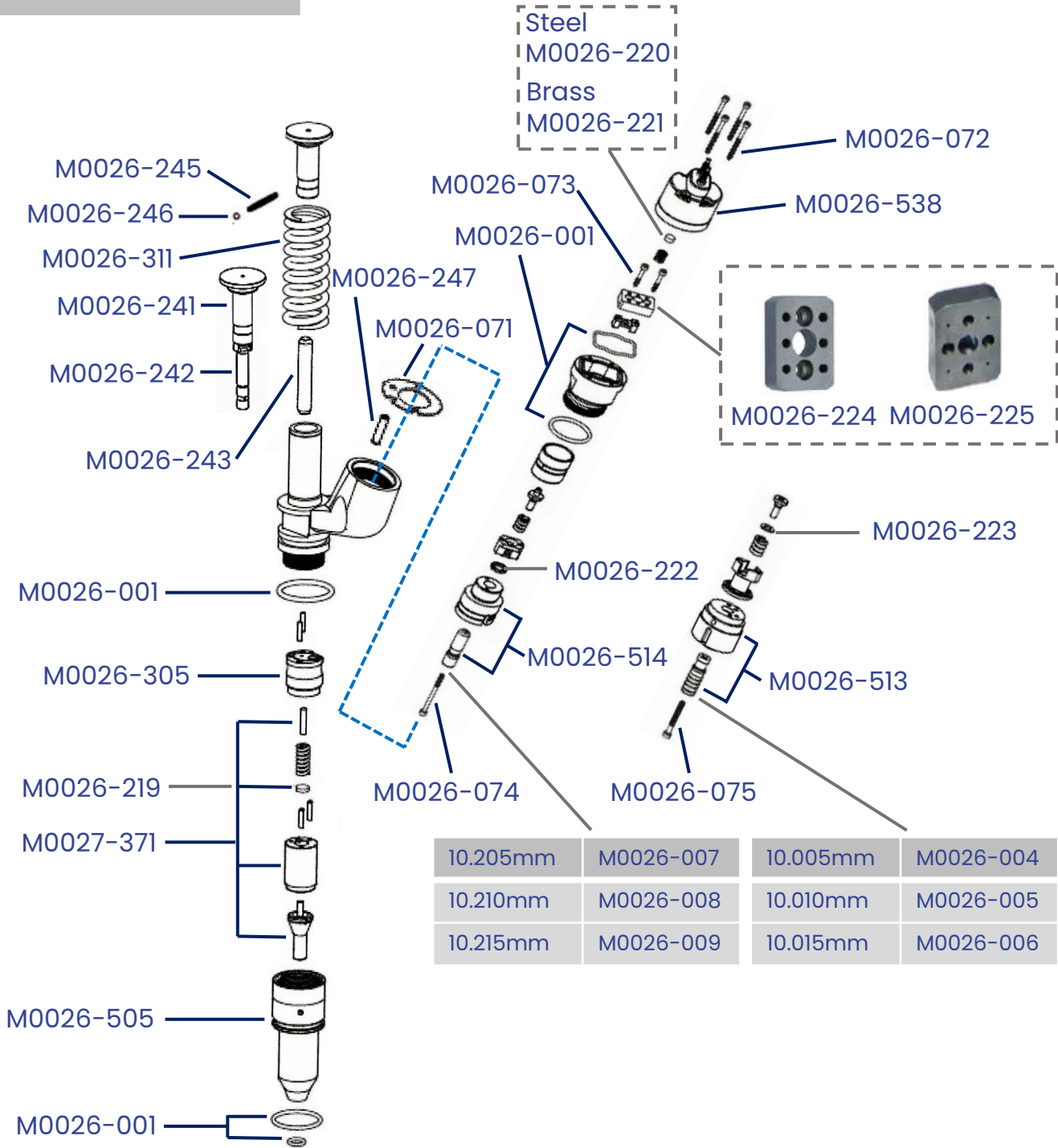


C Series EUI Injector Parts



211-3022

10R0956

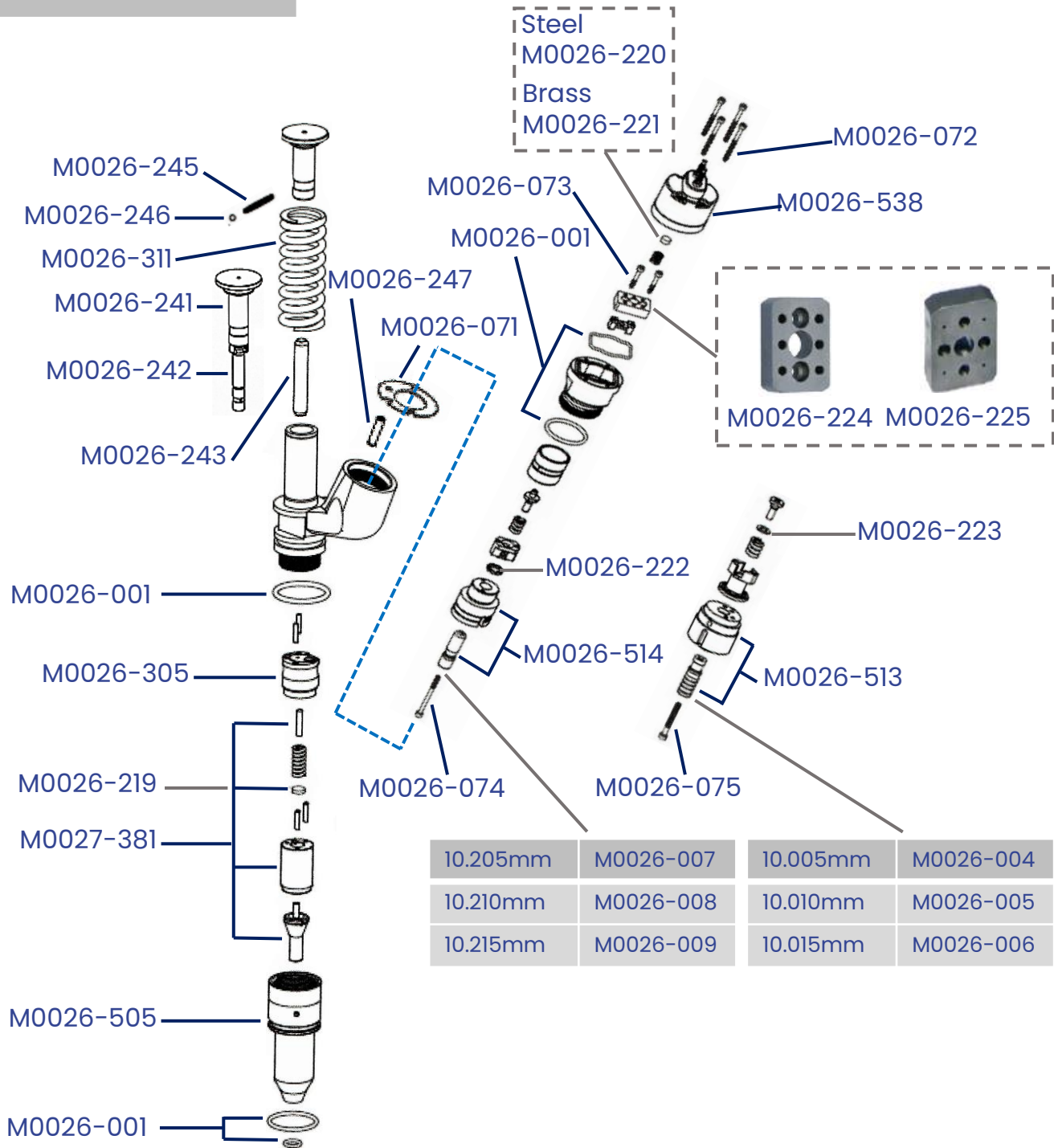


C Series EUI Injector Parts



211-3025

10R0955



C Series EUI Injector Parts



Parts Index

Part no.	Description	Pack size
M0026-001	Seal kit	1
M0026-004	Control valve grooved 10.005mm	1
M0026-005	Control valve grooved 10.010mm	1
M0026-006	Control valve grooved 10.015mm	1
M0026-007	Control valve smooth 10.205mm	1
M0026-008	Control valve smooth 10.210mm	1
M0026-009	Control valve smooth 10.215mm	1
M0026-071	Deflector plate	6
M0026-072	Solenoid screws	4
M0026-073	Armature plate screws	8
M0026-074	Control valve screws smooth type	12
M0026-075	Control valve screws grooved type	12
M0026-222	Crinkly shims kit 1.90mm-2.05mm	160
M0026-241	Plunger guide	1
M0026-242	Plunger	1
M0026-243	Plunger	1
M0026-244	Plunger	1
M0026-245	Plunger locating spring	10
M0026-246	Ball	1
M0026-247	Control valve Dowel	1
M0026-305	Spacer	1
M0026-311	Spring	1
M0026-500	Nozzle group	1
M0026-501	Nozzle group	1
M0026-502	Nozzle group	1
M0026-503	Nozzle group	1
M0026-504	Nozzle group	1
M0026-505	Cap nut	1
M0026-513	Control valve assembly grooved	1
M0026-514	Control valve assembly smooth	1
M0026-517	Nozzle group	1
M0026-521	Nozzle group	1
M0026-522	Nozzle group	1
M0026-523	Nozzle group	1
M0026-538	Solenoid	1
M0026-544	Nozzle group	1
M0026-545	Nozzle group	1
M0026-548	Nozzle group	1
M0026-549	Nozzle group	1
M0026-550	Nozzle group	1
M0026-908	Spring	1
M0027-371	Nozzle Group	1
M0027-381	Nozzle Group	1

C Series EUI Injector Parts



Individual Adjustable items from kits

M0026-219

NOP Shims

Number	Size mm
M0028-2019	2.00
M0028-2020	2.05
M0028-2021	2.10
M0028-2022	2.15
M0026-048	2.20
M0026-049	2.25
M0026-050	2.30
M0026-051	2.35
M0026-052	2.40
M0026-053	2.45
M0026-054	2.50
M0026-055	2.55
M0026-056	2.60

M0026-221

Coil shim Brass

Number	Size mm
M0026-023	2.30
M0026-024	2.35
M0026-025	2.40
M0026-026	2.45
M0026-027	2.50
M0026-028	2.55
M0026-029	2.60
M0026-030	2.65
M0026-031	2.70
M0026-032	2.75
M0026-033	2.80
M0026-034	2.85
M0026-035	2.90

M0026-220

Coil shim steel

Number	Size mm
M0026-010	2.50
M0026-011	2.55
M0026-012	2.60
M0026-013	2.65
M0026-014	2.70
M0026-015	2.75
M0026-016	2.80
M0026-017	2.85
M0026-018	2.90
M0026-019	2.95
M0026-020	3.00
M0026-021	3.10
M0026-022	3.20

M0026-223

Armature shim

Number	Size mm
M0026-058	0.50
M0026-059	0.60
M0026-060	0.70
M0026-061	0.80
M0026-062	0.90
M0026-063	0.95
M0026-064	1.00
M0026-065	1.05
M0026-066	1.10
M0026-067	1.15
M0026-068	1.20
M0026-069	1.25
M0026-070	1.30

C Series EUI Injector Parts



Individual Adjustable items from kits

M0026-224

Armature plates

Number	Size mm
M0028-2757	6.60
M0028-2758	6.62
M0028-2759	6.64
M0028-2760	6.66
M0028-2761	6.68
M0028-2762	6.70
M0028-2763	6.72
M0028-2764	6.74
M0026-036	6.76
M0026-037	6.78
M0026-038	6.80
M0026-039	6.82
M0026-040	6.84
M0026-041	6.86

M0026-225

Armature plates

Number	Size mm
M0028-2765	8.01
M0028-2766	8.03
M0028-2767	8.05
M0028-2768	8.07
M0028-2769	8.09
M0028-2770	8.11
M0028-2771	8.13
M0026-042	8.15
M0026-043	8.17
M0026-044	8.19
M0026-045	8.21
M0026-046	8.23
M0026-047	8.25



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