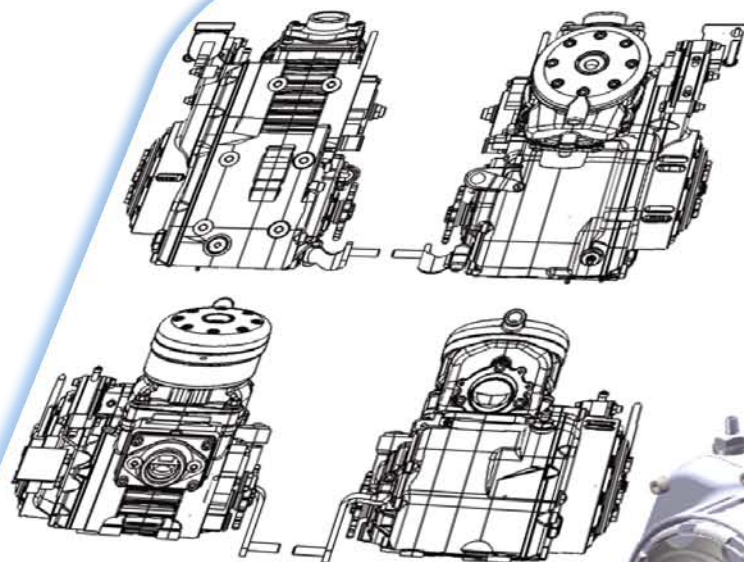
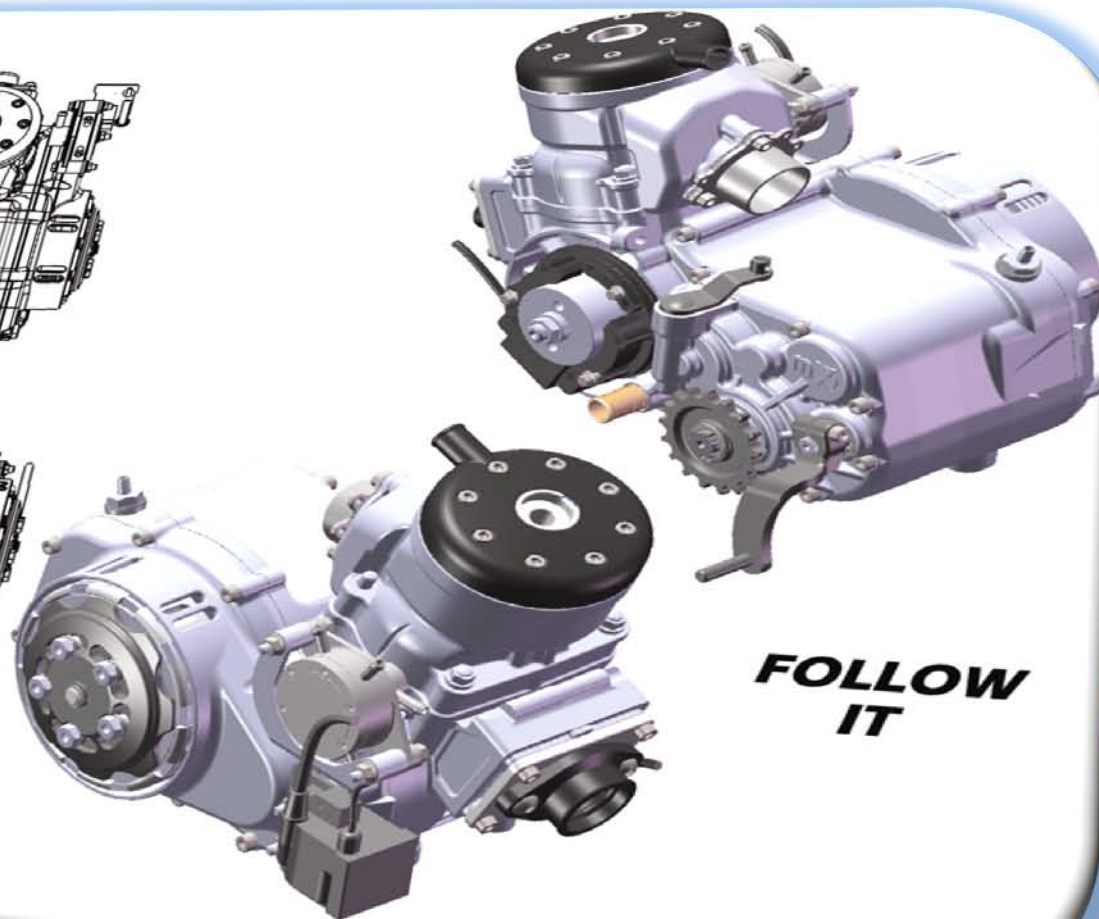


MODEL MXO



X LIGHT
TECHNOLOGY & PROGRESS



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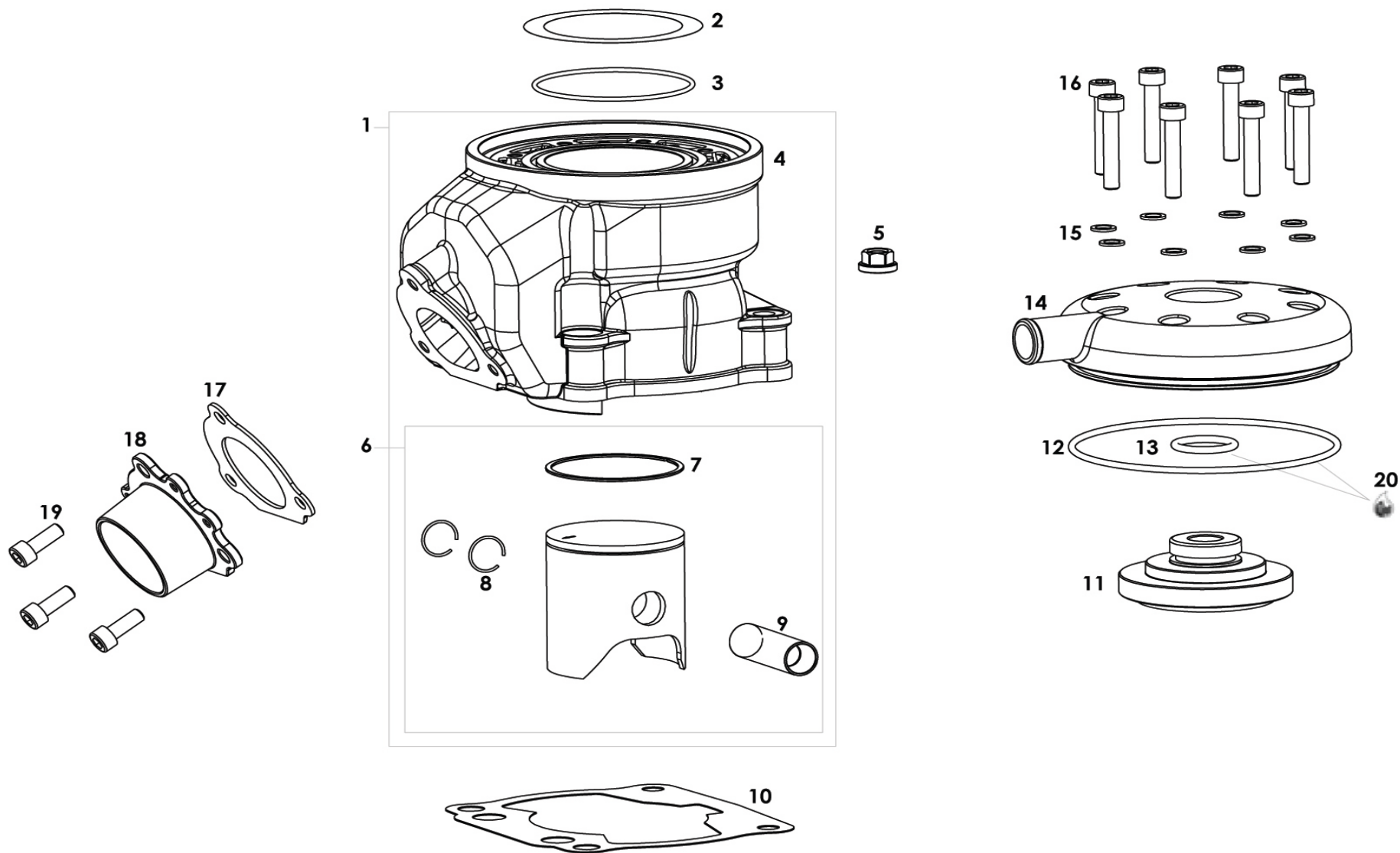


FIG.	CODE	DESCRIZIONE	DESCRIPTION	QT.		
1	A 20.335 11 95	Cilindro Mx125 completo	Complete cylinder Mx125	1	€	442,28
2	A 10.071 00 00	Gne Testa 54/70 Sp. 0.05	Copper head gasket 54/70 Sp. 0.05	1	€	2,55
	A 10.153 00 00	Gne Testa 54/70 Sp. 0.10	Copper head gasket 54/70 Sp. 0.10	1	€	2,55
	A 10.154 00 00	Gne Testa 54/70 Sp. 0.20	Copper head gasket 54/70 Sp. 0.20	1	€	2,55
	A 10.155 00 00	Gne Testa 54/70 Sp. 0.30	Copper head gasket 54/70 Sp. 0.30	1	€	2,55
3	A 98.024 16 00	O-ring 60.04x1.78 (cilindro)	O-ring 60.04x1.78 (cylinder)	1	€	2,90
4	C 20.089 11 54	Cilindro Mx125	Cylinder Mx125	1	€	364,90
5	A 90.043 24 00	Dado Cilindro M8	Cylinder Nut M8	4	€	2,50
6	A 20.116 00 00	Pistone Mx125 53.93 completo	Complete Mx125 53.93 piston	1	€	77,38
	A 20.117 00 00	Pistone Mx125 53.94 completo	Complete Mx125 53.94 piston	1	€	77,38
	A 20.118 00 00	Pistone Mx125 53.95 completo	Complete Mx125 53.95 piston	1	€	77,38
	A 20.233 00 00	Pistone Mx125 53.96 completo	Complete Mx125 53.96 piston	1	€	77,38
7	A 20.119 00 00	Segmento pistone Mx125 54	Mx125 54 compression ring	1	€	17,80
8	A 20.115 00 00	Anellino ferma spinotto pistone	Piston pin clip	2	€	0,50
9	A 20.114 00 00	Spinotto pistone	Piston pin	1	€	10,30
10	A 90.006 00 00	Guarnizione cilindro 0.10	Cylinder gasket 0.10	1	€	2,00
	A 90.420 00 00	Guarnizione cilindro 0.20	Cylinder gasket 0.20	1	€	2,00
	A 90.521 00 00	Guarnizione cilindro 0.30	Cylinder gasket 0.30	1	€	2,00
	A 90.522 00 00	Guarnizione cilindro 0.50	Cylinder gasket 0.50	1	€	2,00
11	P 20.254 31 11	Testa Mx125 2C	2C Mx125 head	1	€	45,40
12	A 98.078 16 00	O-ring 101.28x2.62 (coperchio testa Mx125)	O-ring 101.28x2.62 (head cover)	1	€	2,90
13	A 98.205 16 00	O-ring 22,23x2,62 (cupola testa)	O-ring 22,23x2,62 (top head)	1	€	2,50
14	P 20.253 11 11	Coperchio testa Mx125 2C anodizzato	Anodized Mx125 2C head cover	1	€	98,20
15	A 98.076 28 00	Rondella M6 rame	Copper M6 washer	8	€	0,50
16	A 98.063 24 51	Vite M6x35 brugola brunita	Black screw M6x35	8	€	0,55
17	A 20.026 00 00	Guarnizione scarico Mx125	Mx125 exhaust gasket	1	€	3,10
18	A 20.025 33 11	Collettore scarico Mx125	Mx125 exhaust manifold	1	€	19,80
19	A 98.008 24 51	Vite M6x16 brugola brunita	Black screw M6x16	3	€	0,55
20	A 90.197 00 00	Grasso Xeramic	Xeramic Grease	not available	non disponibile	

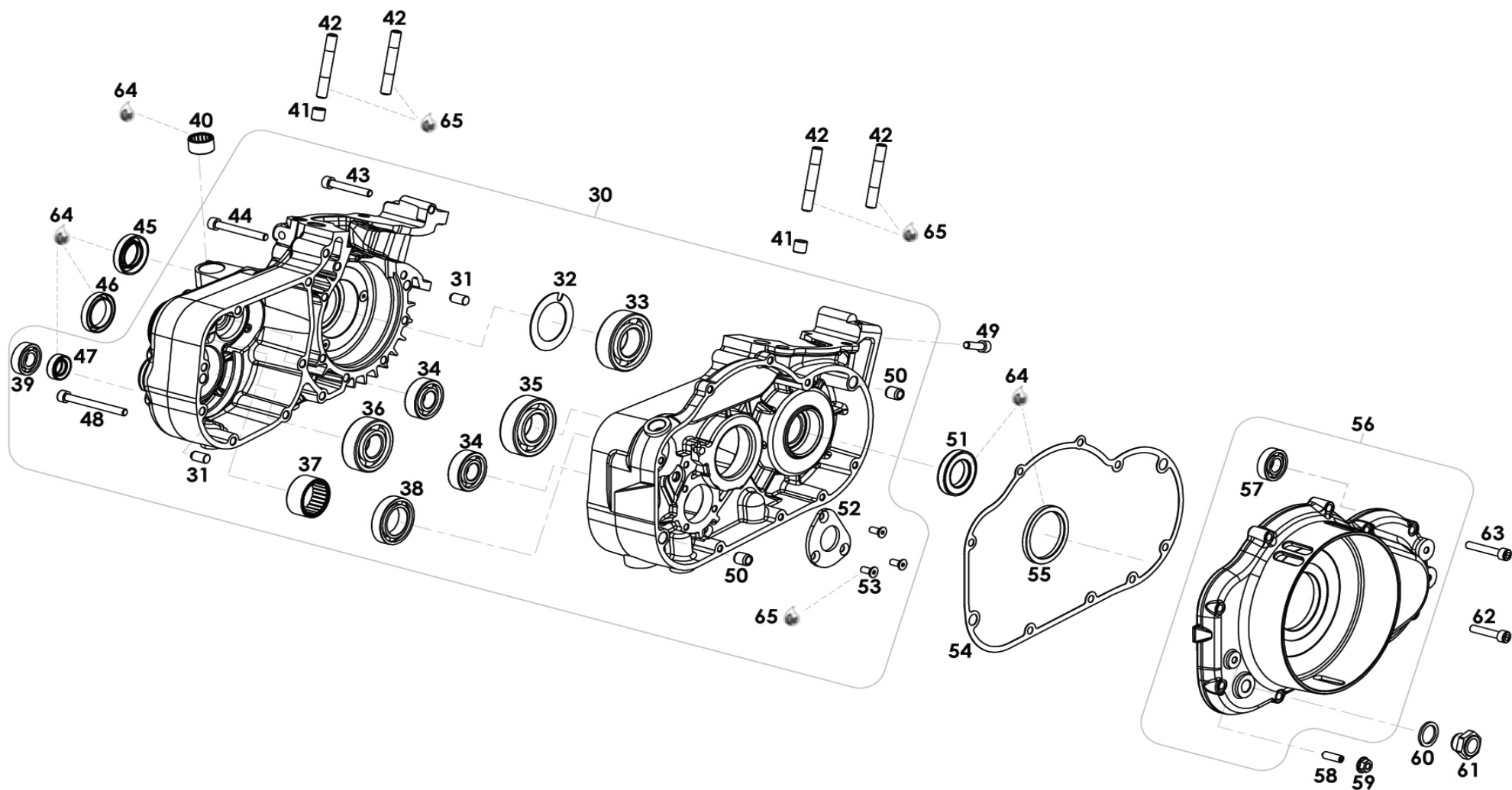
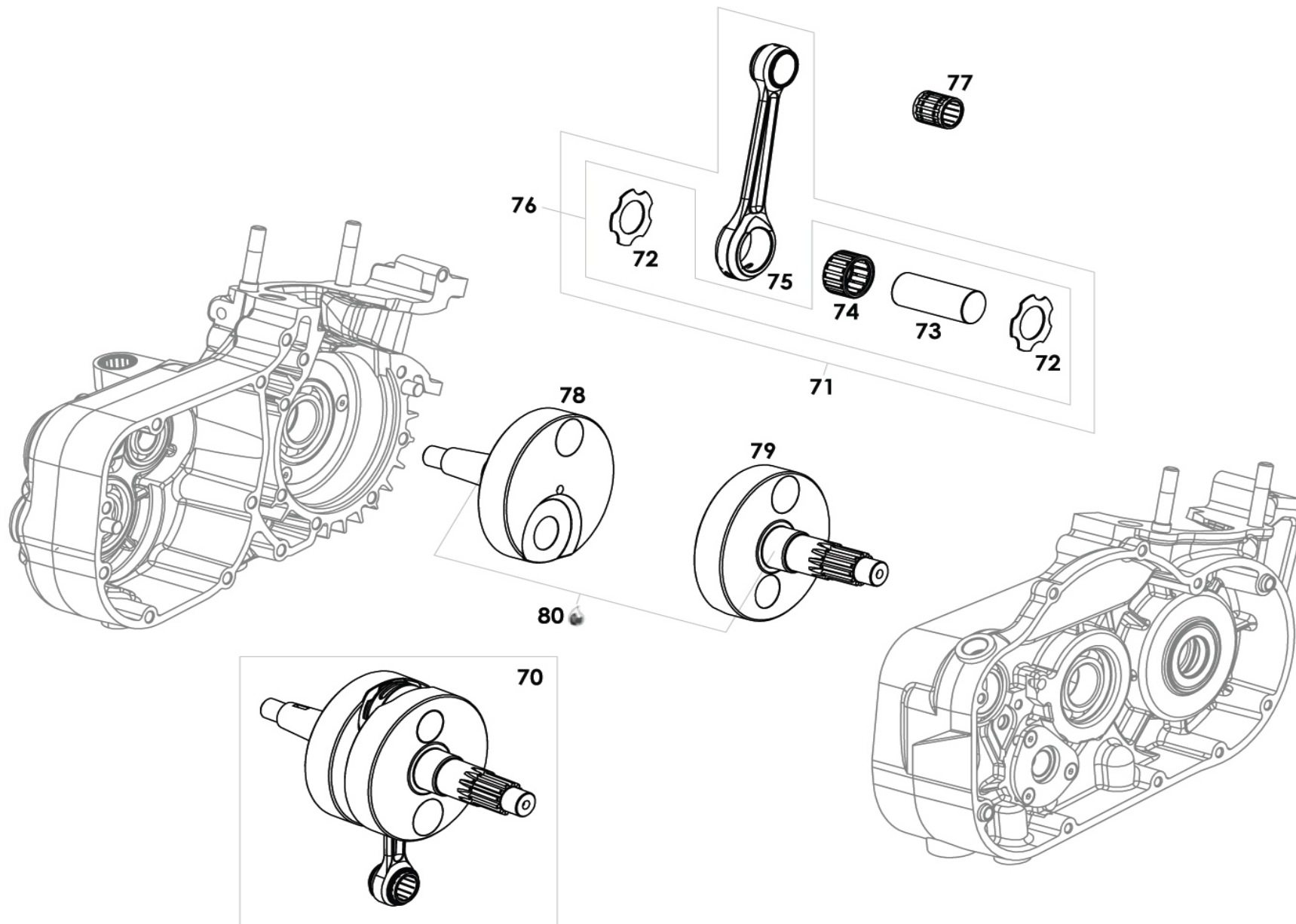
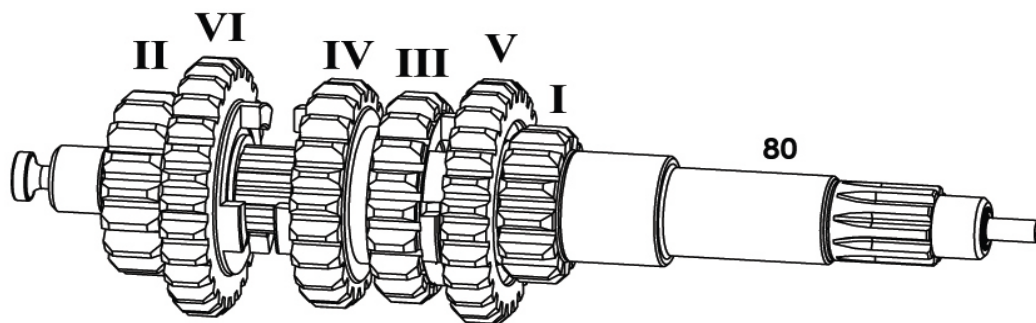


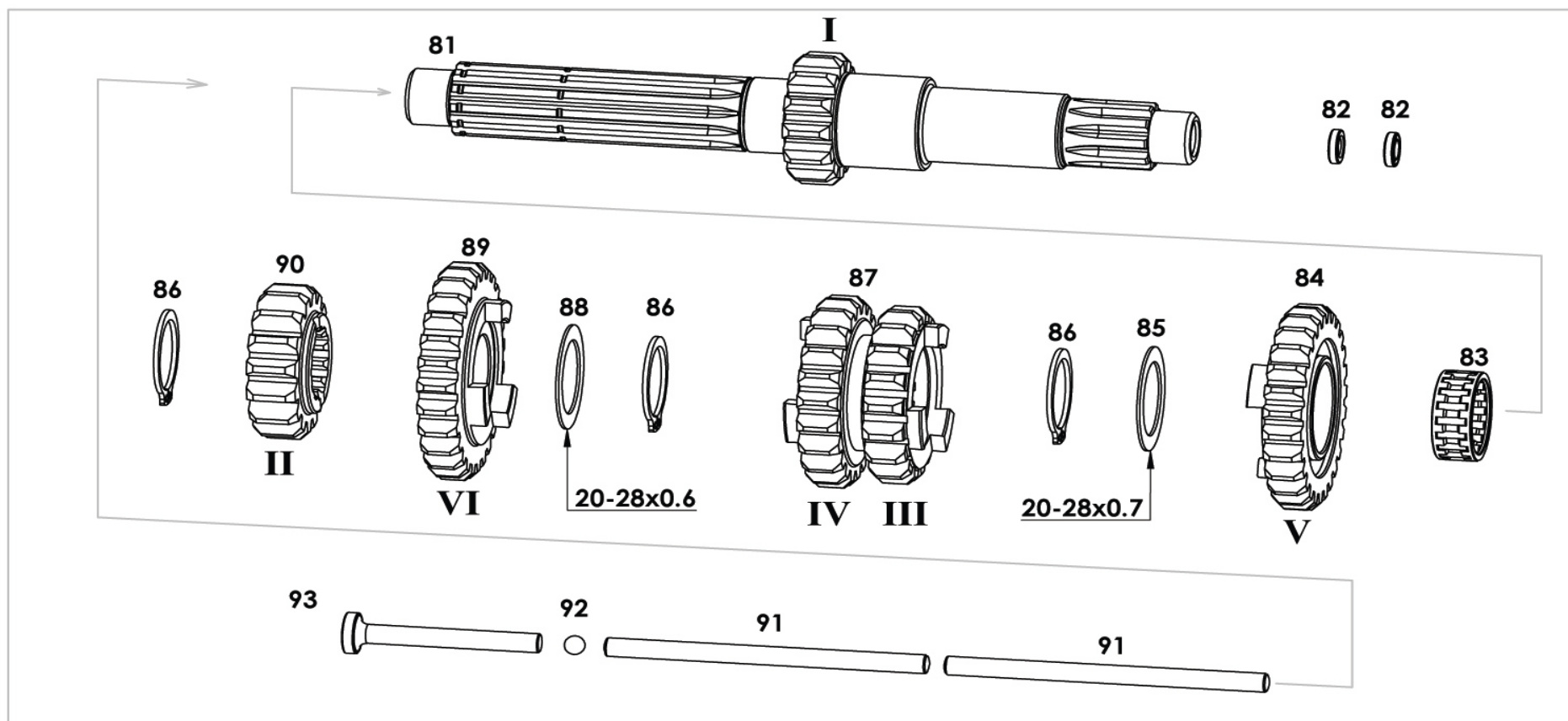
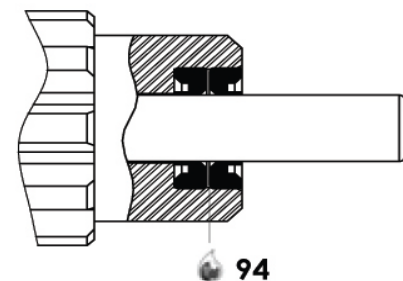
FIG.	CODE	DESCRIZIONE	DESCRIPTION	QT.	
30	P 20.163 00 91	Basamento MxO 09 con cuscinetti	MxO 09 crankcase with roller bearings	1	€ 668,57
31	A 98.140 34 00	Spina 8x16 rettificata	8x16 grinded bush	2	€ 3,78
32	A 20.124 83 00	Spessore 0.8 battuta cuscinetto	Washer 0.8 for main bearing	1	€ 1,50
33	A 98.084 00 00	Cuscinetto 6205-C4 SKF	SKF main bearing 6205-C4	2	€ 11,58
34	A 98.086 00 00	Cuscinetto 6202-C3	Bearing 6202-C3	3	€ 5,34
35	A 98.085 00 00	Cuscinetto 6205-C3	Bearing 6205-C3	1	€ 8,46
36	A 98.087 00 00	Cuscinetto 6204-C3	Bearing 6204-C3	1	€ 6,90
37	A 98.091 00 00	Gabbia a rulli 28x16 TLA	Cage 28x16 TLA	1	€ 7,12
38	A 98.089 00 00	Cuscinetto 6905-C3	Bearing 61905-C3	1	€ 19,40
39	A 98.088 00 00	Cuscinetto 6001 ZZ	Bearing 6001 ZZ	1	€ 5,45
40	A 98.217 00 00	Gabbia a rulli 14x16 2RS	Cage 14x16 2RS	1	€ 6,90
41	A 90.021 00 00	Boccola 8-10x10 centraggio cilindro	Cylinder centering bush 8-10x10	2	€ 3,95
42	A 90.002 00 00	Prigioniero M8x58	Cylinder stud	4	€ 2,45
43	A 98.063 24 51	Vite M6x35 brugola brunita	Black screw M6x35	1	€ 0,55
44	A 98.011 24 51	Vite M6x50 brugola brunita	Black screw M6x50	10	€ 0,55
45	A 90.026 00 00	Anello di tenuta 20-35x7	Oil seal 20-35x7	1	€ 6,50
46	A 90.291 00 00	Anello di tenuta FPJ 25-37x6 (lato accens.)	Oil seal FPJ 25-37x6 (ignition side)	1	€ 5,30
47	A 90.293 00 00	Anello di tenuta 12-22x7	Oil seal 12-22x7	1	€ 2,78
48	A 98.080 24 51	Vite M6x65 brugola brunita	Black screw M6x65	6	€ 0,55
49	A 98.096 24 51	Vite M6x20 brugola brunita	Black screw M6x20	4	€ 0,55
50	A 90.022 00 00	Boccola basamento 6.5-10x11.5	Crankcase bush 6.5-10x11.5	2	€ 3,95
51	A 90.292 00 00	Anello di tenuta FPJ 22-40x7 (lato trasmiss.)	Oil seal FPJ 22-40x7 (transmission side)	1	€ 9,57
52	P 20.125 83 11	Piastrina ferma cuscinetto Mx125	Mx125 bearing plate	1	€ 6,46
53	A 98.082 24 51	Vite M5x12 svasata brunita	Black screw M5x12	3	€ 0,25
54	A 20.127 00 00	Guarnizione coperchio frizione Mx125	Mx125 clutch cover gasket	1	€ 2,65
55	A 90.601 00 00	Anello di tenuta con molla 42x52x4	Oil seal with spring 42-52x4	1	€ 4,90
56	P 20.199 00 91	Coperchio frizione completo	Complete clutch cover	1	€ 123,50
57	A 98.086 00 00	Cuscinetto 6202 C3	Bearing 6202 C3	1	€ 5,34
58	A 98.093 24 51	Grano M6x20 estremità piatta	M6x20 grub screw flat end	1	€ 0,55
59	A 98.094 24 00	Dado flangiato M6x6	M6x6 flange nut	1	€ 0,53
60	A 90.028 00 00	Guarnizione spia livello olio	Oil level control cap gasket	1	€ 0,55
61	A 90.027 00 00	Spia livello olio	Oil level control cap	1	€ 5,12
62	A 98.063 24 51	Vite M6x35 brugola brunita	Black screw M6x35	2	€ 0,55
63	A 98.031 24 51	Vite M6x30 brugola brunita	Black screw M6x30	8	€ 0,55
64	A 90.197 00 00	Grasso Xeramic	Xeramic grease	not available	non disponibile
65	A 90.199 00 00	Frenafili medio	Medium thread locking	not available	non disponibile



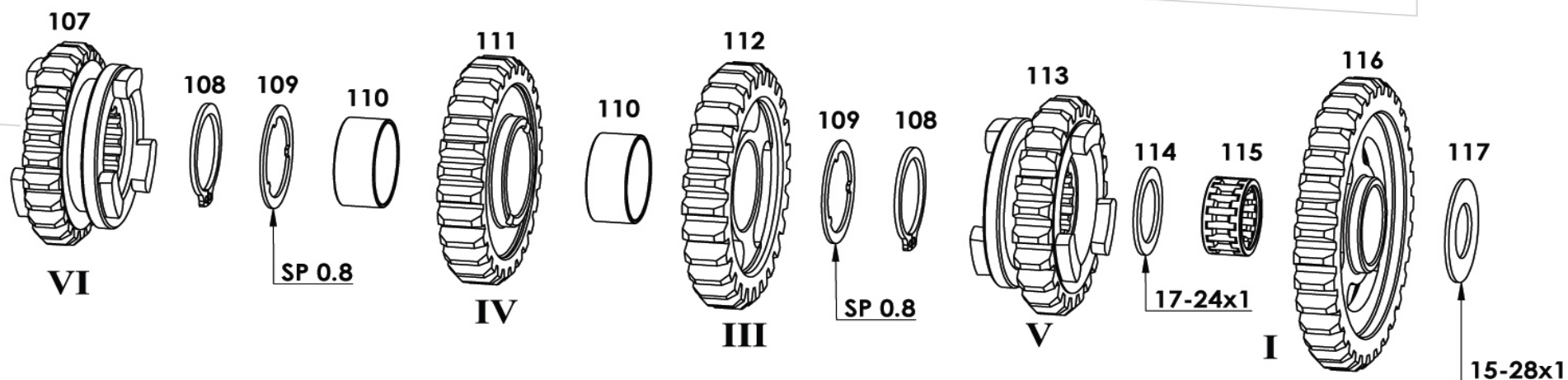
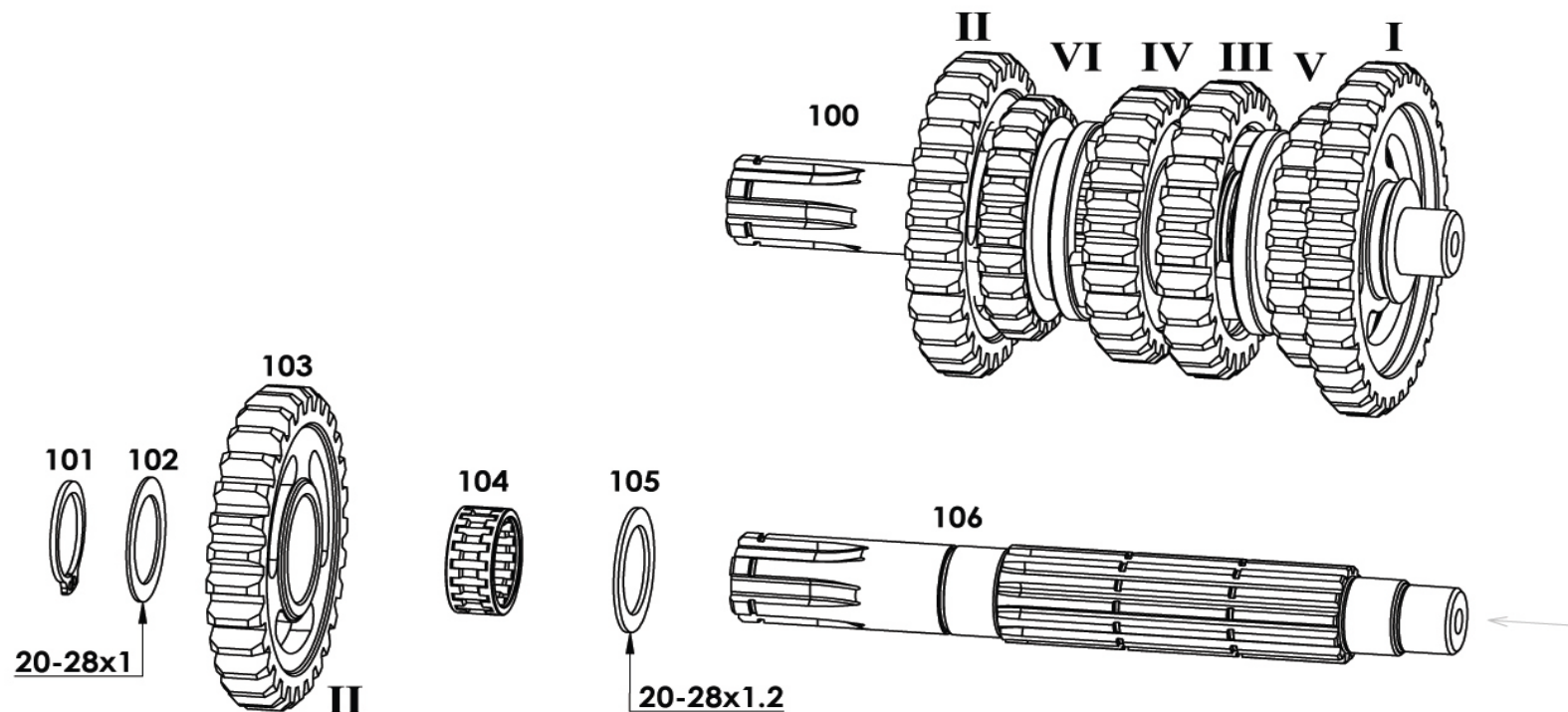
<i>FIG.</i>	<i>CODE</i>	<i>DESCRIZIONE</i>	<i>DESCRIPTION</i>	<i>QT.</i>		
70	P 20.164 00 91	Albero motore Mx125 completo	Mx125 complete crankshaft	1	€	577,70
71	P 20.180 00 91	Biella completa Mx125	Mx125 complete conrod	1	€	217,70
72	A 90.418 29 00	Rasamento biella argentato a stella	Silver conrod washer	2	€	3,10
73	A 20.020 34 00	Asse accoppiamento 20x49	Mx125 20x49 crank pin	1	€	9,00
74	A 98.021 00 00	Gabbia Testa Biella 20-26x14.7	Big End Cage 20-26x14.7	1	€	33,50
75	P 20.093 24 00	Biella Mx125 int.110	Mx125 center line 110	1	€	169,00
76	P 20.181 00 91	Asse accoppiamento completo Mx125 09	Mx125 complete crankpin	1	€	48,70
77	A 98.022 00 00	Gabbia piede di biella 15-19x19.7	Small end cage 15-19x19.7	1	€	12,50
78	C 20.033 24 13	Semialbero Mx125 lato accensione	Mx125 Half crankshaft ign. Side	1	€	180,00
79	C 20.034 24 13	Semialbero Mx125 lato trasmissione	Mx125 Half crankshaft trasm. Side	1	€	180,00
80	A 90.198 00 00	Grasso per cuscinetti Xeramic	Xeramic grease for bearings	not available	non disponibile	



SCHEMA MONTAGGIO PARAOLI
OIL SEALS ASSEMBLING



<i>FIG.</i>	<i>CODE</i>	<i>DESCRIZIONE</i>	<i>DESCRIPTION</i>	<i>QT.</i>		
80	P 20.145 00 91	Albero primario Mx125 completo	Complete Mx125 primary shaft	1	€	188,28
81	A 20.057 00 00	Albero primario	Primary shaft	1	€	56,53
82	A 90.304 00 00	Anello I 5/9/2 Dina NBR metal OD Seal	Ring I 5/9/2 Dina NBR metal OD Seal	2	€	3,22
83	A 98.115 00 00	Gabbia a rulli 20-24x10 C3	Cage 20-24x10 C3	1	€	4,67
84	A 20.060 00 00	Ingranaggio 5° marcia primario	Primary 5th gear	1	€	26,57
85	A 98.133 34 00	Rasamento 20-28x0.7	Washer 20-28x0.7	2	€	1,34
86	A 98.134 24 00	Seeger per albero D20	Shaft seeger D20	3	€	0,40
87	A 20.059 00 00	Ingranaggio 3° e 4° marcia primario	Primary 3th and 4th gear	1	€	43,82
88	A 20.206 83 00	Rasamento 20-28x0.6	Washer 20-28x0.6	1	€	1,34
89	A 20.061 00 00	Ingranaggio 6° marcia primario	Primary 6th gear	1	€	24,34
90	A 20.058 00 00	Ingranaggio 2° marcia primario	Primary 2th gear	1	€	17,58
91	A 98.139 34 00	Puntale Centrale/Finale 5x80	Pin 5x80	2	€	2,00
92	A 98.118 00 00	Sfera D5	D5 sphere	1	€	0,55
93	A 20.242 34 00	Puntale con testa	Metal tip with head	1	€	3,12
94	A 90.197 00 00	Grasso Xeramic	Xeramic grease	not available non disponibile		



<i>FIG.</i>	<i>CODE</i>	<i>DESCRIZIONE</i>	<i>DESCRIPTION</i>	<i>QT.</i>		
100	P 20.146 00 91	Albero secondario Mx125 completo	Complete Mx125 secondary shaft	1	€	247,72
101	A 98.134 24 00	Seeger per albero D20	Shaft seeger D20	1	€	0,40
102	A 98.133 34 00	Rasamento 20-28x1	Washer 20-28x1	1	€	1,34
103	A 20.054 00 00	Ingranaggio 2° marcia secondario	Secondary 2nd gear	1	€	27,55
104	A 98.115 00 00	Gabbia a rulli 20-24x10	Cage 20-24x10	1	€	4,67
105	A 98.167 00 00	Rasamento 20-28x1,2	Washer 20-28x1,2	1	€	1,34
106	A 20.050 00 00	Albero secondario	Secondary shaft	1	€	29,88
107	A 20.055 00 00	Ingranaggio 6° marcia secondario	Secondary 6th gear	1	€	29,94
108	A 98.123 24 00	Seeger per albero D22	Shaft seeger D22	2	€	0,40
109	A 20.065 00 00	Rasamento dentato 22-28x0.8	Cog washer 22-28x0.8	2	€	1,44
110	A 20.049 00 00	Boccola albero secondario	Secondary shaft bush	2	€	6,30
111	A 20.051 00 00	Ingranaggio 4° marcia secondario	Secondary 4th gear	1	€	32,16
112	A 20.052 00 00	Ingranaggio 3° marcia secondario	Secondary 3th gear	1	€	31,56
113	A 20.056 00 00	Ingranaggio 5° marcia secondario	Secondary 5th gear	1	€	30,94
114	A 98.119 00 00	Rasamento 17-24x1	Washer 17-24x1	1	€	1,10
115	A 98.125 00 00	Gabbia a rulli 17-21x10	Cage 17-21x10	1	€	10,70
116	A 20.053 00 00	Ingranaggio 1° marcia secondario	Secondary 1st gear	1	€	28,76
117	A 98.119 34 00	Rasamento 15-28x1	Washer 15-28x1	1	€	1,10

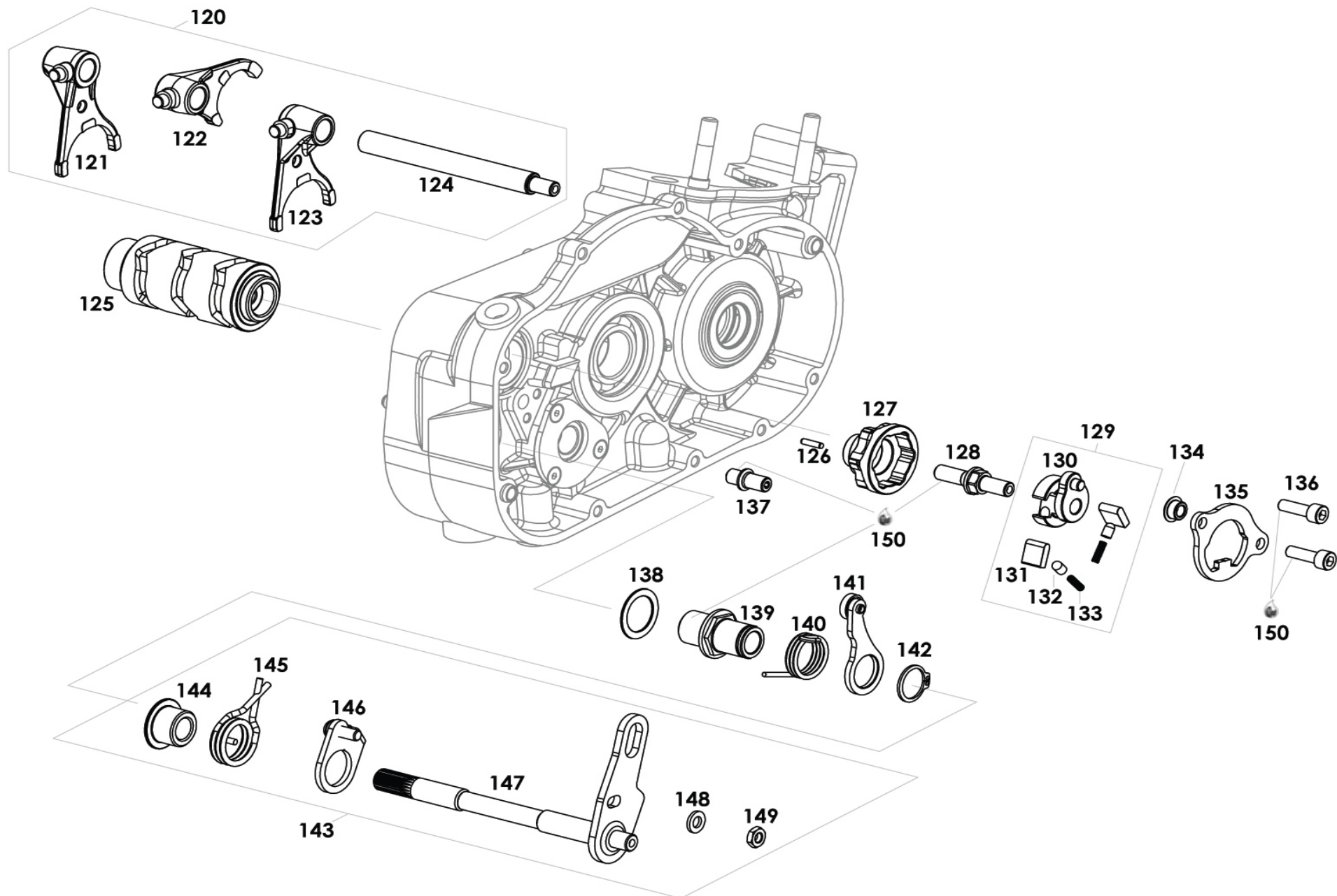


FIG.	CODE	DESCRIZIONE	DESCRIPTION	QT.		
120	P 20.230 00 91	Kit forchette	Gear forks kit	1	€	109,80
121	P 20.002 24 11	Forchetta superiore 2°/4°	2°/4° fork	1	€	30,60
122	P 20.081 24 11	Forchetta centrale 5°/6°	5°/6° Central fork	1	€	30,60
123	A 20.001 24 11	Forchetta inferiore 1°/3°	1°/3° fork	1	€	30,60
124	C 20.106 34 12	Perno forchetta Mx125	Mx125 fork pin	1	€	18,00
125	C 20.017 34 31	Desmodromico cambio Mx125	Mx125 desmodromic	1	€	66,22
126	A 98.126 34 00	Spina centraggio stella cricchetto Ø3	Ratchet star centering pin Ø3	1	€	0,55
127	C 20.011 34 11	Stella cricchetto Mx125	Mx125 star drum	1	€	31,80
128	C 20.070 34 31	Perno cricchetto Mx125	Mx125 ratchet pin	1	€	21,50
129	P 20.182 00 91	Cricchetto completo	Complete ratchet	1	€	53,00
130	A 20.010 34 31	Corpo cricchetto Mx125	Mx125 ratchet body	1	€	39,00
131	C 20.068 44 31	Inserto cricchetto	Small block ratchet	2	€	5,00
132	A 20.147 00 00	Puntale cricchetto	Push rod ratchet	2	€	1,20
133	A 20.148 00 00	Molla puntale cricchetto	Push rod ratchet spring	2	€	0,80
134	C 20.069 34 31	Boccola cricchetto Mx125	Mx125 ratchet bush	1	€	4,00
135	A 20.038 83 00	Piastrina guida cricchetto	Ratchet plate guide	1	€	5,90
136	A 98.075 24 51	Vite M6x18 brugola brunita	Black screw M6x18	2	€	0,55
137	A 20.066 33 52	Perno finecorsa selettore Mx125	Mx125 limit run selector pin	1	€	15,80
138	A 98.122 00 00	Rasamento 20-28x1	Washer 20-28x1	1	€	2,40
139	C 20.062 34 12	Boccola selettore	Selector bush	1	€	20,90
140	A 20.140 00 00	Molla galoppino Mx125	Mx125 stopping gear lever spring	1	€	3,40
141	A 20.073 00 91	Galoppino Mx125	Mx125 stopping gear lever	1	€	14,70
142	A 98.110 24 00	Seeger D18	Seeger D18	1	€	0,40
143	P 20.183 00 91	Gruppo selettore cambio	Selector gear group	1	€	47,70
144	P 20.077 31 11	Boccola molla selettore	Selector Bush spring	1	€	2,10
145	A 20.141 00 00	Molla selettore Mx125	Selector spring	1	€	6,70
146	P 20.142 00 91	Piastrina registro molla selettore	Plate for regulation selector spring	1	€	5,30
147	P 20.143 00 11	Selettore cambio Mx125	Mx125 gear selector	1	€	32,00
148	A 98.007 23 00	Rondella 6.5-10.5x1.5	Washer 6.5-10.5x1.5	1	€	0,15
149	A 98.112 24 00	Dado M6 metalblock	M6 metalblock nut	1	€	1,45
150	A 90.199 00 00	Frenafili medio	Medium thread locking	not available	non disponibile	

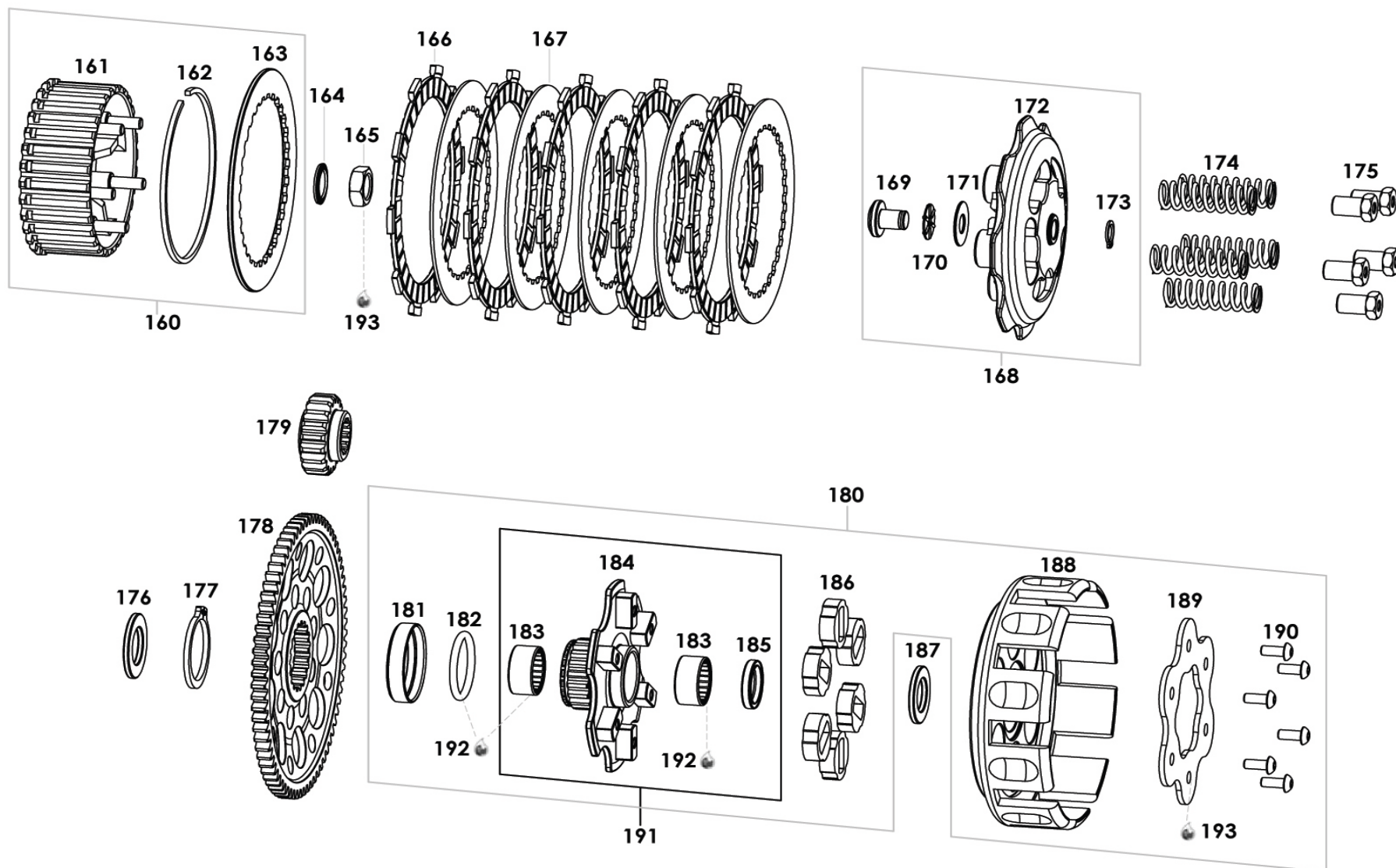


FIG.	CODE	DESCRIZIONE	DESCRIPTION	QT.		
160	P 20.228 00 91	Tamburello completo	Complete drum	1	€	78,44
161	P 20.229 00 91	Tamburello frizione Mx125	Mx125 clutch drum	1	€	70,04
162	A 90.300 00 00	Seeger tamburello WR90 Mx125	Mx125 drum seeger WR90	1	€	2,50
163	C 20.035 83 11	Disco tamburello	Drum disk	1	€	12,00
164	A 98.114 00 00	Rondella dado tamburello	Drum nut washer	1	€	0,45
165	A 20.160 53 52	Dado tamburello frizione Mx125	Mx125 clutch drum nut	1	€	2,00
166	A 90.301 00 00	Disco frizione guarnito Mx125	Mx125 coated clutch disk	5	€	6,80
167	A 90.302 00 00	Disco frizione liscio Mx125	Mx125 plate steel clutch disk	5	€	4,60
168	P 20.184 00 91	Spingidisco frizione completo Mx125	Mx125 complete clutch thrust plate	1	€	68,70
169	C 20.044 34 31	Perno spingidisco Mx125	Mx125 clutch thrust plate pin	1	€	6,45
170	A 98.098 00 00	Cuscinetto 1024	Bearing 1024	1	€	3,70
171	A 98.099 00 00	Rasamento 1024	Washer 1024	1	€	1,60
172	A 20.016 31 55	Spingidisco frizione Mx125	Mx125 clutch thrust plate	1	€	56,20
173	A 98.100 24 00	Seeger D10	Seeger D10	1	€	0,25
174	A 90.424 00 00	Molla frizione Mx125	Mx125 clutch spring	5	€	1,34
175	A 20.042 51 11	Dado molla frizione Mx125	Mx125 clutch spring nut	5	€	1,40
176	A 98.101 34 00	Rasamento 20x35	Washer 20x35	1	€	5,73
177	A 98.102 24 00	Seeger D35 corona primaria	Primary gear wheel seeger D35	1	€	0,55
178	A 20.041 34 00	Corona primaria Mx125	Mx125 primary gear wheel	1	€	84,03
179	A 20.046 34 00	Pignone primaria Mx125	Mx125 primary pinion	1	€	30,24
180	P 20.185 00 91	Campana frizione completa Mx125	Mx125 complete clutch crown	1	€	205,63
181	A 20.368 33 00	Distanziale corona primaria Mx125 trattato	Mx125 primary gear wheel spacer	1	€	6,90
182	A 98.103 16 00	O-ring 30x4	O-ring 30x4	1	€	0,55
183	A 98.105 00 00	Gabbia rulli 20x12	Cage 20x12	2	€	5,60
184	A 20.040 34 00	Mozzo frizione Mx125	Mx125 clutch hub	1	€	83,10
185	A 90.600 00 00	Anello di tenuta 20x26x4	Oil seal 20-26x4	1	€	1,80
186	A 20.043 16 00	Gommino parastrappi frizione Mx125	Mx125 clutch no stroke rubber	6	€	0,90
187	A 98.106 34 00	Rasamento 18x31	Washer 18x31	1	€	8,30
188	A 20.015 31 11	Campana frizione Mx125	Mx125 clutch crown	1	€	90,00
189	A 20.251 83 00	Piastra campana frizione Mx125	Mx125 clutch crown plate	1	€	4,45
190	A 98.132 24 51	Vite M6x14 bombata	Rounded screw M6x14	6	€	0,55
191	A 20.339 00 91	Mozzo frizione completo Mx125	Mx125 complete clutch hub	1	€	90,10
192	A 90.197 00 00	Grasso Xeramic	Xeramic grease	not available	non disponibile	
193	A 90.199 00 00	Frenafili medio	Medium thread locking	not available	non disponibile	

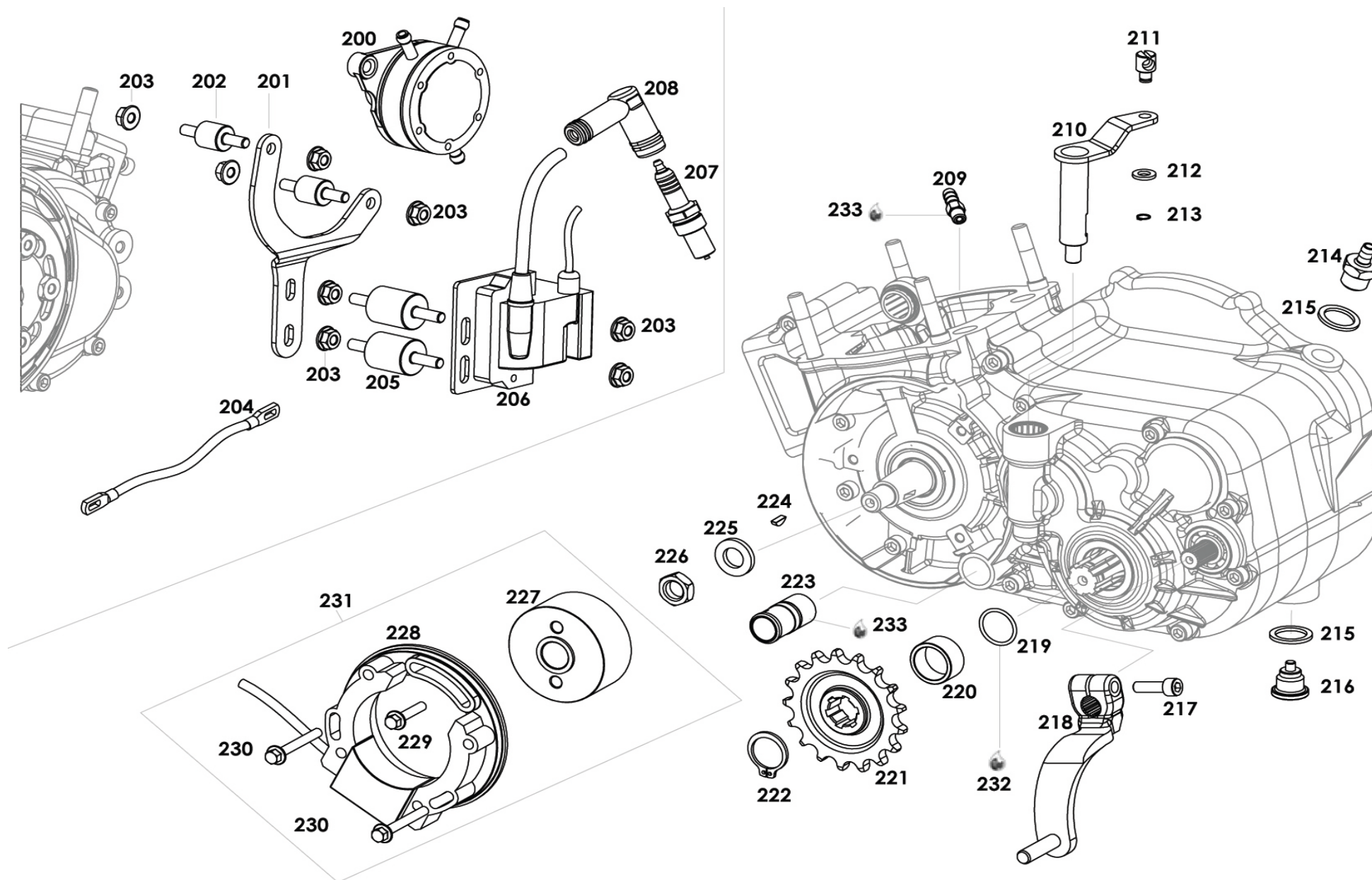
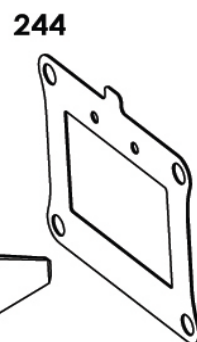
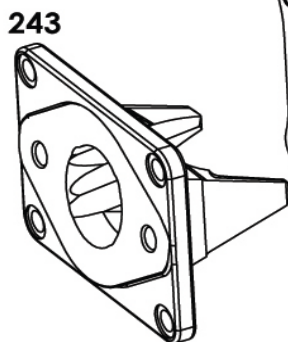
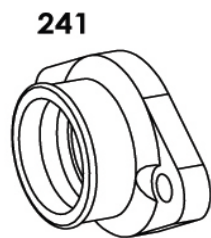
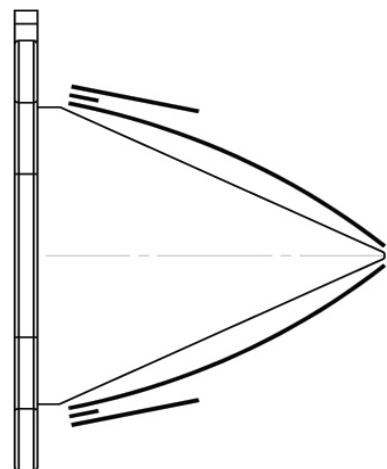
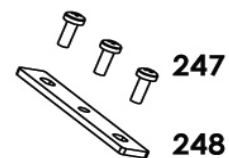


FIG.	CODE		DESCRIZIONE	DESCRIPTION	QT.				
200	A 90.310 00 00		Pompa benzina Mikuni	Mikuni fuel pump	1	€ 55,00			
201	A 20.152 85 00		Supporto pompa benzina Mx125	Mx125 fuel pump support	1	€ 15,80			
202	A 90.050 00 00		Silent block piccolo	Small silent block	2	€ 3,90			
203	A 98.094 24 00		Dado flangiato M6x6	M6x6 flange nut	8	€ 1,00			
204	A 90.035 00 00		Cavo massa per bobina	Coil ground cable	1	€ 4,85			
205	A 90.307 00 00		Silent block grande	Big silent block	2	€ 5,45			
206	A 90.306 00 00		Bobina Mx125 PVL	PVL Mx125 coil	1	€ 66,10			
207	A 90.036 00 00		Candela NGK BR10EG	Spark-Plug NGK BR10EG	1	€ 15,00			
208	A 90.537 00 00		Pipetta candela PVL senza resistenza	PVL spark plug pipe	1	€ 3,80			
209	A 20.092 00 11		Raccordo depressione M7 Mx125	Mx125 M7 pressure fitting	1	€ 3,56			
210	P 20.139 00 11		Leva comando frizione Mx125	Mx125 clutch lever	1	€ 20,00			
211	A 20.064 33 11		Nipplo leva frizione Mx125	Mx125 clutch lever nipple	1	€ 2,25			
212	A 98.007 23 00		Rondella 6.5-10.5x1.5	Washer 6.5-10,5x1.5	1	€ 0,15			
213	A 98.107 24 00		Seeger D6	Seeger D6	1	€ 0,20			
214	A 20.091 31 11		Tappo sfiato Mx125	Mx125 breather cap	1	€ 3,56			
215	A 90.298 00 00		Guarnizione tappo Mx125	Mx125 cap gasket	2	€ 0,55			
216	A 90.297 00 00		Tappo scarico olio Mx125	Mx125 oil drain cap	1	€ 4,65			
217	A 98.096 24 51		Vite M6x20 brugola brunita	Black screw M6x20	1	€ 0,55			
218	A 20.107 00 11		Leva cambio Mx125	Mx125 gear lever	1	€ 29,50			
219	A 98.135 16 00		O-ring 18.77x1.78	O-ring 18.77x1.78	1	€ 0,33			
220	A 20.156 24 00		Boccola distanziale pignone Mx125	Mx125 chain pinion spacer	1	€ 6,10			
221	A 20.169 34 00		Pignone catena Z17***	Z17*** chain pinion	1	**			
222	A 98.134 24 00		Seeger per albero D20	Shaft seeger D20	1	€ 0,40			
223	C 90.289 73 52		Raccordo acqua Mx/KF	Mx/KF water fitting	1	€ 4,95			
224	A 98.020 24 00		Linguetta a disco 3x3.7	Ignition key 3x3.7	1	€ 1,95			
225	A 20.128 33 52		Rondella dado rotore	Rotor nut washer	1	€ 2,70			
226	A 20.151 53 52		Dado rotore Mx125	Mx125 rotor nut	1	€ 1,94			
227	A 20.150 00 00		Rotore Mx125 PVL	PVL Mx125 rotor	1	€ 67,00			
228	A 90.305 00 00		Statore Mx125 PVL	PVL Mx125 stator	1	€ 62,00			
229	A 98.130 00 00		Vite M5x25 statore	M5x25 stator screw	1	€ 0,45			
230	A 98.129 00 00		Vite M5x40 statore	M5x40 stator screw	2	€ 0,45			
231	A 20.149 00 00		Accensione PVL Mx125	PVL Mx125 ignition	1	€ 129,00			
232	A 90.197 00 00		Grasso Xeramic	Xeramic grease	not available	non disponibile			
233	A 90.199 00 00		Frenafilletti medio	Medium thread locking	not available	non disponibile			
***	A20.1663400	Z14	A20.1673400	Z15	A20.1683400	Z16	A20.1693400	Z17	€ 20,00
***	A20.1703400		Z18						€ 22,00
***	A20.1713400		Z19	A20.1723400	Z20	A20.1733400	Z21		€ 26,00

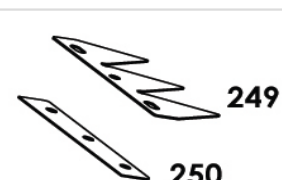
MONTAGGIO - ASSEMBLING



246



248



250

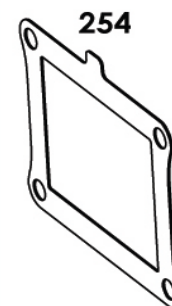
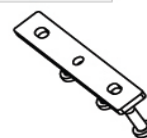
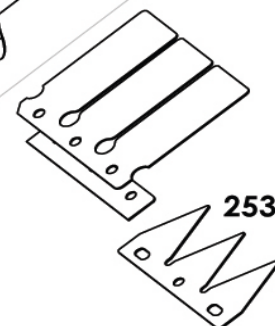
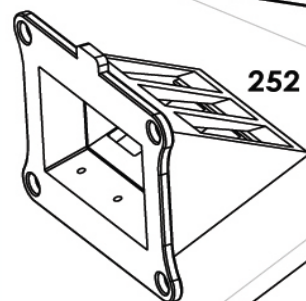
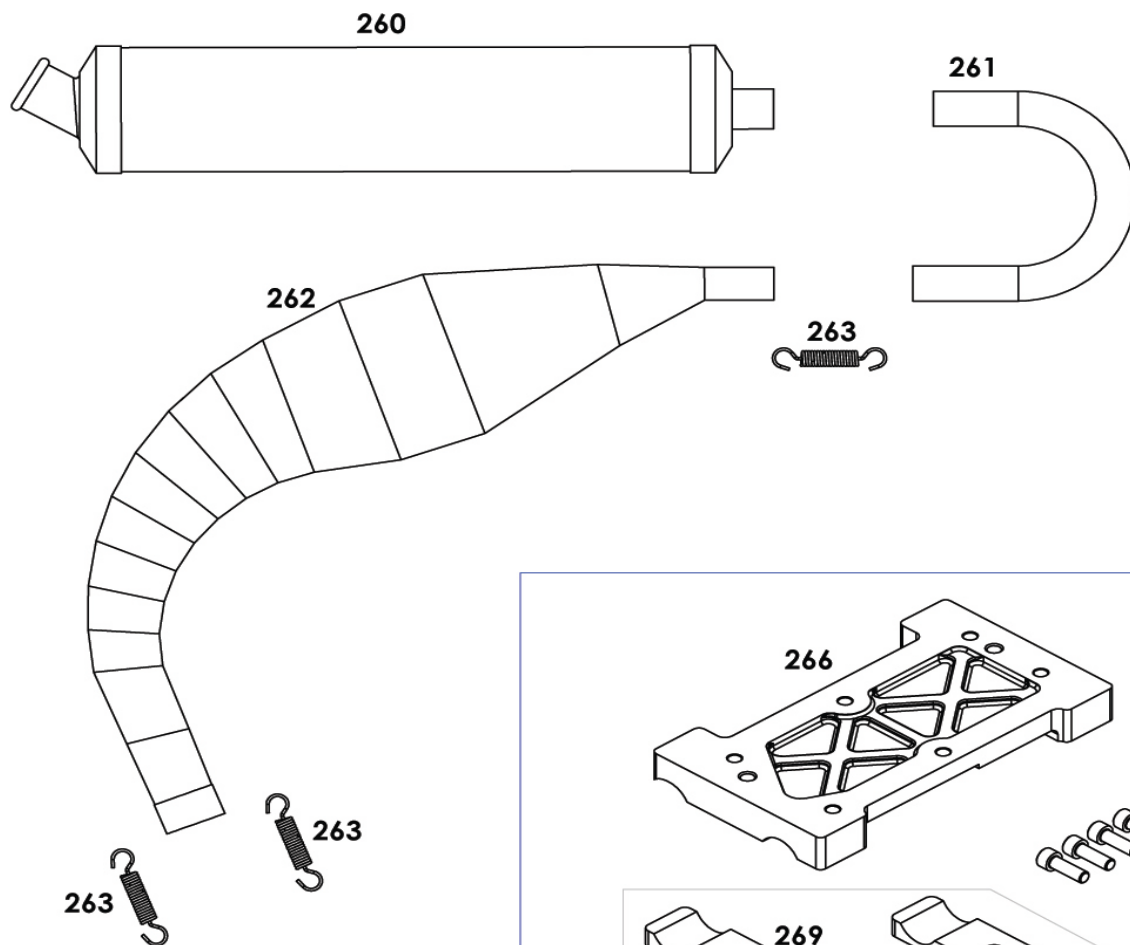
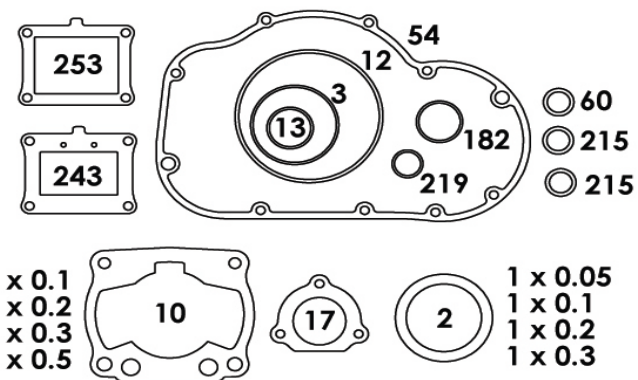


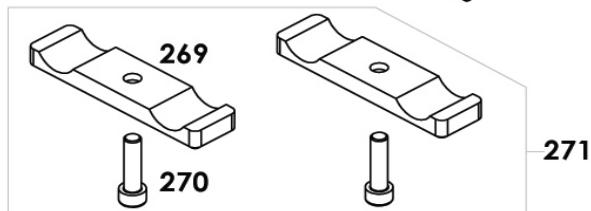
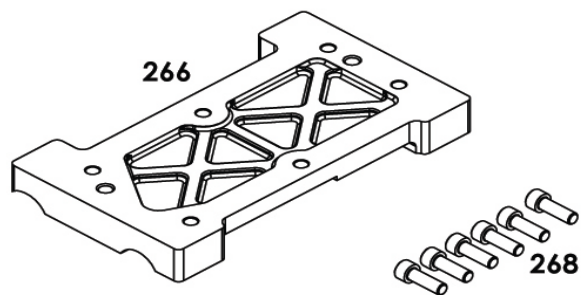
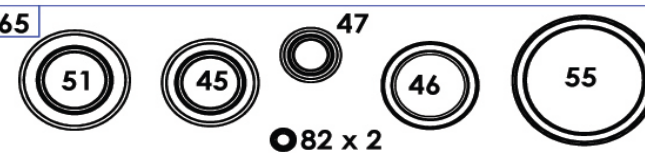
FIG.	CODE	DESCRIZIONE	DESCRIPTION	QT.		
240	A 98.138 24 52	Vite M8x12 bombata	Rounded screw M8x12	2	€	0,55
241	A 90.299 00 00	Collettore carburatore Dell'Orto	Dell'Orto intake rubber manifold	1	€	27,50
242	A 98.179 00 00	Fascetta a vite 35/50	Steel band 35/50	1	€	1,50
243	C 20.256 41 55	Convogliatore MxO	MxO induction manifold	1	€	58,30
244	A 20.138 00 00	Guarnizione convogliatore Mx125	Mx125 induction manifold gasket	1	€	1,80
245	A 20.129 00 91	Kit petali carbonio MxO	MxO reeds kit	1	€	53,86
246	P 20.186 00 91	Gruppo lamelle MxO completo	Complete MxO reeds box	1	€	129,71
247	A 98.131 24 52	Vite M3x8 fissaggio lamelle	Reed screw M3x8	6	€	0,10
248	A 20.132 00 00	Piastrina ferma lamelle Mx125	Mx125 lock plate for reed	2	€	2,90
249	A 20.134 00 00	Balestrino superiore 0.32 Mx125	Mx125 0.32 superior balancer	1	€	6,35
250	A 20.135 00 00	Spessore balestrino Mx125	Mx125 balancer spacer	2	€	2,37
251	A 20.136 00 00	Petalo Mx125	Mx125 reed	2	€	21,00
252	A 20.130 00 00	Supporto lamelle MxO	MxO reeds box	1	€	69,45
253	A 20.133 00 00	Balestrino inferiore 0.43 MxO	MxO 0.43 inferior balancer	1	€	6,80
254	A 20.137 00 00	Guarnizione gruppo lamelle Mx125	Mx125 reeds box gasket	1	€	1,80



264



265



<i>FIG.</i>	<i>CODE</i>	<i>DESCRIZIONE</i>	<i>DESCRIPTION</i>	<i>QT.</i>		
260	A 20.154 00 00	Silenziatore scarico Mx125 lungo (omol.IT)	Mx125 long silencer	1	€	171,00
	A 20.179 00 00	Silenziatore scarico Mx125 corto	Mx125 short silencer	1	€	171,00
261	A 20.155 00 00	Curva silenziatore Mx125	Mx125 silencer bend	1	€	33,00
262	A 20.340 00 00	Marmitta Mx125 29/M/18 omol. 2010	Mx125 exhaust pipe 29/M/18 2010 homol.	1	€	210,00
263	A 90.196 00 00	Molla marmitta Maxter	Maxter exhaust spring	3	€	3,75
264	P 20.187 00 91	Kit guarnizioni e O-rings Mx125	Mx125 gaskets and O-rings kit	1	€	38,40
265	P 20.188 00 91	Kit anelli tenuta Mx125	Mx125 oil seals kit	1	€	35,49
266	A 20.189 00 00	Piastra motore diritta Mx125	Mx125 flat engine mount	1	€	85,00
267	A 20.190 00 00	Piastra motore inclinata Mx125	Mx125 inclined engine mount	1	€	119,00
268	A 98.073 24 52	Vite M8x25 brugola	Screw M8x25	6	€	0,55
269	A 12.104 11 00	Cavallotto 90/92 piastra motore	Engine mount 90/92 clamp	2	€	12,00
270	A 98.074 24 52	Vite M10x40 brugola	Screw M10x40	2	€	0,55
271	A 20.192 00 91	Kit cavallotti	Clamps kit	1	€	24,54

CONTENUTO CONTENTS	QT.
13	1
21	1
25	1
27	1
32	1

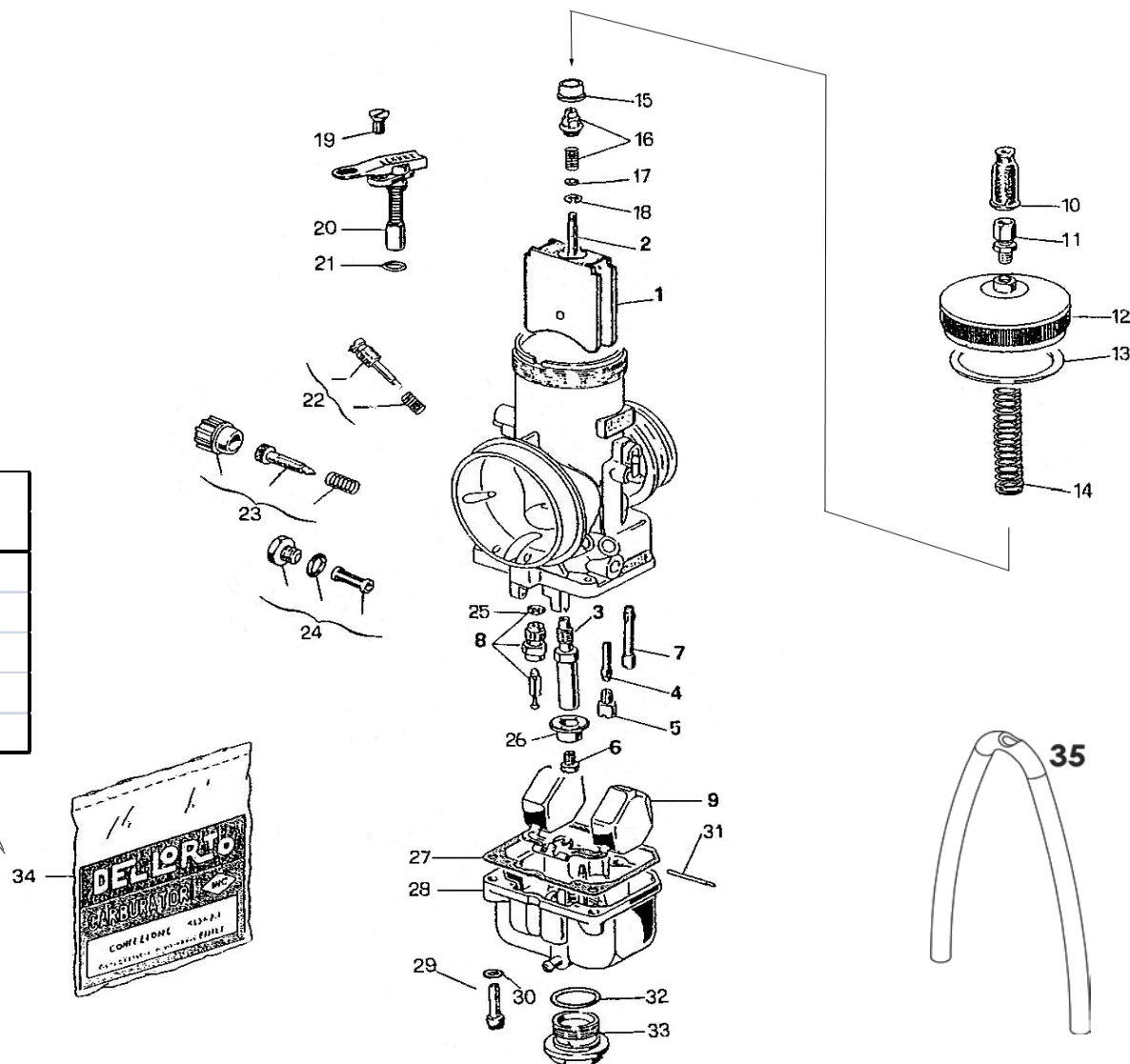


FIG.	CODE	DESCRIZIONE	DESCRIPTION	QT.		
*	A 90.311 00 00	Carburatore Dell'Orto VSHH 30 CS	Dell'Orto VSHH 30CS carburettor	1	€	205,00
1	A 90.312 00 00	Valvola gas 50	Throttle valve 50	1	€	50,00
2	A 90.619 00 00	Spillo conico K 93	Conical needle K 93	1	€	3,15
3	A 90.314 00 00	Polverizzatore DQ 265	Needle jet DQ 265	1	€	5,30
4	A 90.315 00 00	Getto emulsionatore minimo CD 1	Emulsionizing minimum jet CD 1	1	€	3,50
5	A 90.366 00 00	Getto minimo 60	Minimum jet 60	1	€	4,50
6	A 90.352 00 00	Getto massimo 145	Maximum jet 145	1	€	1,36
7	A 90.318 00 00	Getto avviamento 60	Start jet 60	1	€	1,54
8	A 90.592 00 00	Valvola a spillo 250	Needle valve 250	1	€	8,30
9	A 90.320 00 00	Galleggiante 1	Float 1	2	€	9,73
10	A 90.321 00 00	Cappuccio in gomma	Rubber cap	1	€	0,50
11	A 90.322 00 00	Vite tendifilo	Register cable guide	1	€	0,90
12	A 90.323 00 00	Coperchio camera miscela	Mixture chamber cover	1	€	54,39
13	A 90.324 00 00	Guarnizione coperchio camera miscela	Mixture chamber cover gasket	1	**	
14	A 90.325 00 00	Molla valvola gas	Throttle valve spring	1	€	0,35
15	A 90.326 00 00	Fondello guida molla	Spring guide bottom	1	€	1,70
16	A 90.327 00 00	Nipplo valvola gas + 17013-61 molla	Throttle valve nipple + 17013-61 spring	1	€	2,80
17	A 90.328 00 00	Rondella	Washer	1	€	0,30
18	A 90.329 00 00	Fermaglio spillo conico	Conical needle stopper	1	€	0,35
19	A 90.330 00 00	Vite fissaggio dispositivo avviamento	Starter locking screw	1	€	1,10
20	A 90.331 00 00	Dispositivo avviamento	Starter	1	€	8,00
21	A 90.332 00 00	Guarnizione dispositivo avviamento	Starter gasket	1	**	
22	A 90.333 00 00	Kit vite regolazione aria	Air setting screw kit	1	€	1,97
23	A 90.334 00 00	Kit vite regolazione valvola gas	Throttle valve setting screw kit	1	€	2,62
24	A 90.335 00 00	Kit filtro benzina	Fuel filter kit	1	€	4,44
25	A 90.336 00 00	Guarnizione valvola spillo	Needle valve gasket	1	**	
26	A 90.337 00 00	Fondello	Bottom	1	€	0,70
27	A 90.338 00 00	Guarnizione vaschetta	Float chamber gasket	1	**	
28	A 90.339 00 00	Vaschetta	Float chamber	1	€	14,18
29	A 90.340 00 00	Vite fissaggio vaschetta	Float chamber screw	4	€	0,35
30	A 90.341 00 00	Rondella vite fissaggio vaschetta	Washer for Float chamber screw	4	€	0,20
31	A 90.342 00 00	Perno galleggiante	Float pin	1	€	0,80
32	A 90.343 00 00	Guarnizione tappo	Plug gasket	1	**	
33	A 90.344 00 00	Tappo vaschetta	Float chamber plug	1	€	13,76
34	A 90.390 00 00	Kit guarnizioni	Gaskets kit	1	€	4,50
35	P 12.170 00 00	Tubetto sfiato carburatore	Vent carb tube	1	€	1,40

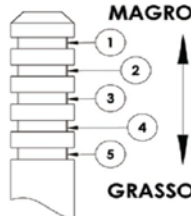
CARBURAZIONE STANDARD 2011

Questa tavola indica un corretto approccio al settaggio della carburazione, che per essere ottimale deve essere testata per trovare il corretto bilanciamento fra :

- Settaggio del basso (getto min./emulsionatore/polverizzatore /valvola gas/giri vite min)
- Settaggio del medio (altezza spillo/valvola gas)
- Settaggio dell'alto (getto max./spillo)

SETTAGGIO CARBURAZIONE :

- Miscela olio/benzina al 4% con XERAMIC CASTOR 2T
- Candela NGK 7282-105 oppure DENSO IW31 (o simili nel tipo di gradazione)

SETTAGGIO BASE Basato su 20° di temperatura e 1000 mBar di pressione atmosferica	GETTO MAX.	GETTO MIN.	EMULSIONATORE	POLVERIZZATORE	SPILLO		VALVOLA GAS	GALLEGGIANTE		VALVOLA SPILLO	VITE MINIMO Giri apertura da chiusa		
	145	60	CD1	DQ265	Tipo	N° tacca		50	Codice			Massa	
IMPORTANTE: le variazioni sotto indicate sono in relazione alla vostra carburazione ideale e alle vostra condizione meteo di partenza.													
Incremento ogni 10° di temperatura	-2	Std		Std		-1	 CLIP 1 Corrisponde al settaggio più magro CLIP 5 Corrisponde al settaggio più grasso					T I P O C A N D E L A	IW31
Riduzione ogni 10° di temperatura	+2	+2		265-266		+1							IW31
													IW31
Incremento ogni 20 mBar di pressione atm.	+2	+2		265-266		+1							IW31
Riduzione ogni 20 mBar di pressione atm.	-2	Std		Std		-1							IW31
													IW31
Circuito lungo	+3	Std		Std		+1	IW34						
Circuito corto	-2	Std		Std		-1	IW29						
Pista molto bagnata con air-box girato	-4	Std		Std		- 1 ½ (½ rondella)						IW29 o IW27	

Se il vostro settaggio è molto lontano da questi valori, per raggiungere un buon risultato è consigliabile controllare i seguenti punti:

- Livello serbatoio
- Sistema alimentazione (pompa benzina/ritorno/sfiato serbatoio)
- Accensione, lamelle, compressione, ermeticità del motore

RODAGGIO

- Settare il carburatore leggermente ricco (grasso)
- Raggiungere 30°C sul cavalletto oppure 55°C su circuito senza superare gli 11.000 g/min

1° SESSIONE DI 10min

- Max 12.000g/min dalla 2° alla 5° marcia (a pieno gas)
- Max 11.000g/min per la 6° marcia (a pieno gas)

2° SESSIONE DI 10min

- Giri normali dalla 2° alla 5° marcia (con guida race)
- Max 12.500g/min per la 6° marcia (a pieno gas)

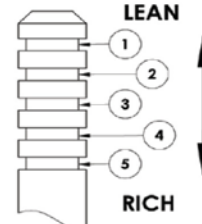
2011 STANDARD CARBURATION

This table provides a correct approach to the carburation but to really optimize a very good carburation it must be tested and find the right balance between :

- Low settings (idle jet / sprayer / throttle valve / idle turns)
- Mid settings (needle height / throttle valve)
- Top settings (main jet / needle)

SETTINGS:

- oil mixture 4% XERAMIC CASTOR 2T
- Spark NGK 7282-105 or DENSO IW31 (or similar in type of gradation)

BASIC SETTINGS: Based on 20° of temperature and atmospheric pressure of 1000 mBar	MAX. JET	MIN. JET	SPRAYER	NEEDLE JET	NEEDLE		THROTTLE VALVE	FLOAT		NEEDLE VALVE	MIN. MIXTURE SCREW Opening turns	
					Type	N° notch		Code	Mass			
	145	60	CD1	DQ265	K93	2	50	1	9 gr.	250	2	
IMPORTANT: carburettor setting changes related to weather conditions.												
Increases of temperature every 10°	-2	Std		Std		-1	 LEAN RICH CLIP 1 IS THE LEANEST SETTING CLIP 5 IS THE RICHEST SETTING				S P A R K T I P E	IW31
Reduction of temperature every 10°	+2	+2		265-266		+1						IW31
												IW31
Increases of pressure every 20 mBar atm.	+2	+2		265-266		+1						IW31
Reduction of pressure every 20 mBar atm.	-2	Std		Std		-1						IW31
Long circuit	+3	Std		Std		+1	IW34					
Short circuit	-2	Std		Std		-1	IW29					
Very wet track With air box AR	-4	Std		Std		- 1 ½ (½ Washer)					IW29 o IW27	

If your settings are too far from those values for a function about right , it is advisable to check the following points:

- Level tank
- Power system (fuel pump / return / up-air reservoir)
- Ignition - Reeds - Compression - Airtightness engine.

RUNNING-IN

- Set the carb a little richer
- Reach 30° on the trolley or 55° in the track without going over 11.000 rpm

1st SESSION OF 10min

- Max 12.000rpm from the 2nd to the 5th gear (full throttle)
- Max 11.000rpm for the 6th gear (full throttle)

2st SESSION OF 10min

- Normal rpm from the 2nd to the 5th gear (racing driving)
- Max 12.500g/min per la 6° marcia (a pieno gas)

MOTORE: monocilindrico , ciclo 2 tempi con aspirazione dai carter, con pacco lamelle orizzontale, raffreddam. a ricircolo forzato del liquido, frizione a secco, cambio a 6 rapporti.

CILINDRO: in alluminio e nicasil raffreddato a liquido.

MODELLO
OMOLOGAZIONE
ALESAGGIO X CORSA
CILINDRATA
POTENZA
VOLUME CAMERA COMBUSTIONE
 misurata con inserto candela omologato
SQUISH (misurato con metodo ponticello)
PISTONE (ø min-max)
GIOCO PISTONE/CILINDRO
GIOCO ASSIALE ALBERO MOTORE
DISTRIBUZIONE SCARICO
DISTRIB. TRAVASO PRIMARIO
DISTRIB. TRAVASO SECONDARIO
ACCENSIONE
ANTICIPO MM
CANDELA
FRIZIONE A SECCO
OLIO INGRANAGGI
MISCELA OLIO/BENZINA
TEMPERATURA DI UTILIZZO
RODAGGIO

MXO		
MxO		
29/M/18		
54 x 54,45 mm		
125 cm ³		
29,5KW - 40 Hp a/at 13.000 rpm		
min. 13cc		
0.85-0.90		
53,93 - 53,95 mm		
0,06 - 0,07 mm		
0,30 - 0,40 mm		
193° - 195°		
128° - 130°		
124° - 126°		
PVL omologata/homologated		
1,3 - 1,5 mm		
NGK B10 EGV		
dischi/disks 5+5		
400gr. Xeramic gear oil		
4% - Xeramic Syntetic		
45°C - 50°C		
a medio regime	20'	medium rpm

ENGINE: single cylinder , two-stroke cycle with air-intake from crankcases with horizontal reed block, cooling by forced liquid recirculation, dry clutch, 6 gears.

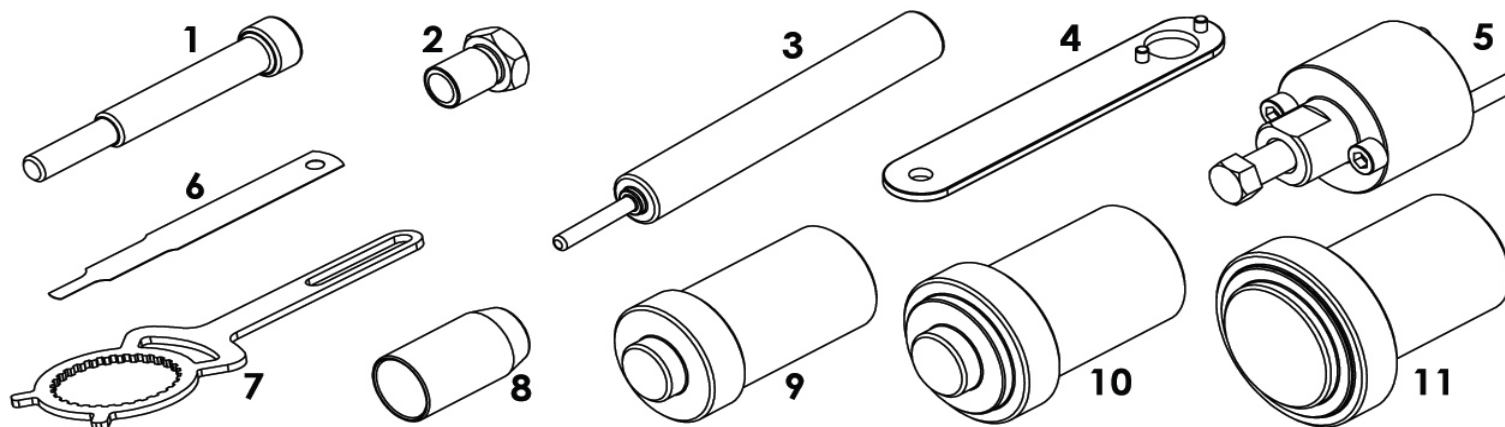
CYLINDER: in aluminium and nicasil, liquid cooled.

MODEL
HOMOLOGATION
BORE X STROKE
VOLUME OF CYLINDER
POWER
VOLUME COMBUSTION CHAMBER
 measuring with spark plug insert
SQUISH (measured whit bridge method)
PISTON (ø min-max)
GAP PISTON/CYLINDER
AXIAL GAP OF CRANKSHAFT
EXHAUST OPENING ANGLE
MAIN TRANSFER PORTS OPEN. AN.
SECOND. TRANS. PORTS OPEN. AN.
IGNITION
MM IGNITION TIMING
SPARK - PLUG
DRY CLUTCH
GEAR OIL
MIX FUEL/OIL
TEMPERATURE RANGE RUNNING
RUNNING

MANUTENZIONE - MAINTENANCE

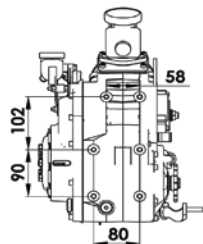
MXO

PISTONE COMPLETO	Gioco cilindro/pistone >0.09 mm cylinder/piston gap	COMPLETE PISTON
ASSE - RASAMENTI - GABBIA	15 h	CRANKPIN - SHIMS - CAGE
CUSCINETTI DI BANCO (gioco radiale)	albero/cuscinetto >0.040 mm crankshaft/bearings	BENCH BEARINGS (radial gap)
BIELLA	Ovalizzazione > 0.005 mm	CON-ROD
COPPIE DI SERRAGGIO -SCREWING UP		
VITE TESTA	12 Nm	HEAD SCREW
DADO CILINDRO	18 - 20 Nm	CYLINDER NUT
DADO FRIZIONE	60 - 65 Nm	CLUTCH NUT
DADO ROTORE ACCENSIONE	35 - 40 Nm	IGNITION ROTOR NUT

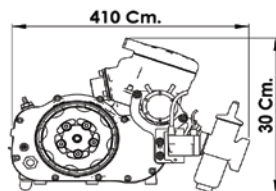
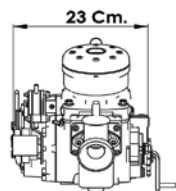


1	A 90.269 00 00	Att. Montaggio spinotto	Piston Pin Assembling Tool	€	16,50
2	A 90.270 00 00	Inserto omologato controllo volume	Spark-Plug Insert	€	13,50
3	A 90.391 00 00	Att. Montaggio anello tenuta D.5-9x2	D.5-9x2 oil seal assembling tool	€	14,00
4	A 90.392 00 00	Att. Blocca rotore PVL	PVL rotor locking tool	€	9,50
5	A 90.393 00 00	Estrattore Rotore PVL	PVL rotor puller	€	17,00
6	A 90.523 85 00	Attrezzo controllo fasi	Opening angles control Tool	€	16,50
7	A 90.394 00 00	Att. Blocca tamburello frizione	Clutch drum locking tool	€	16,00
8	A 90.397 33 11	Boccola albero Mx125 montaggio paraolio	Mx125 crankshaft oil seal assembling tool	€	14,00
9	A 90.273 00 00	Att. Montaggio anello tenuta D.20	D.20 oil seal assembling tool	€	16,50
10	A 90.395 00 00	Att. Montaggio anello tenuta D.22-40x7	D.22-40x7 oil seal assembling tool	€	15,00
11	A 90.396 00 00	Att. Montaggio anello tenuta D.42-52x4	D.42-52x4 oil seal assembling tool	€	15,00

Maxter Srl si riserva il diritto di modificare i dati sopra riportati in qualsiasi momento e senza preavviso. Questi dati sono da definirsi indicativi.



Peso : 19 Kg
Weight : 19 KG



Maxter Srl consiglia prodotti Xeramic.

A 90.277 00 00	Oil mix Xeramic Synmax 1 L. (sintetico)
A 90.283 00 00	Oil mix Xeramic Castor 1 L. (semisintetico)
A 90.281 00 00	Olio ingranaggi Xeramic



CODE
P 20.162 00 99

DESCRIZIONE

Motore MxO A

Il motore è completo di:

Marmitta, Silenziatore, Carburatore

Piastra motore completa di cavallotti

Non è completo di pompa benzina e candela

DESCRIPTION

MxO A Engine

€ 3.195,00

The Engine is complete of:

Exhaust, Silencer, Carburettor

Engine mount with clamps

It's not complete of fuel pump and spark-plug

Maxter Srl recommends Xeramic products.

Oil mix Xeramic Synmax 1 L. (sintetic)	€	23,00
Oil mix Xeramic Castor 1 L. (semisintetic)	€	20,00
Xeramic gear oil	€	9,10

Partner ufficiale Official partner

www.xeramic.com

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