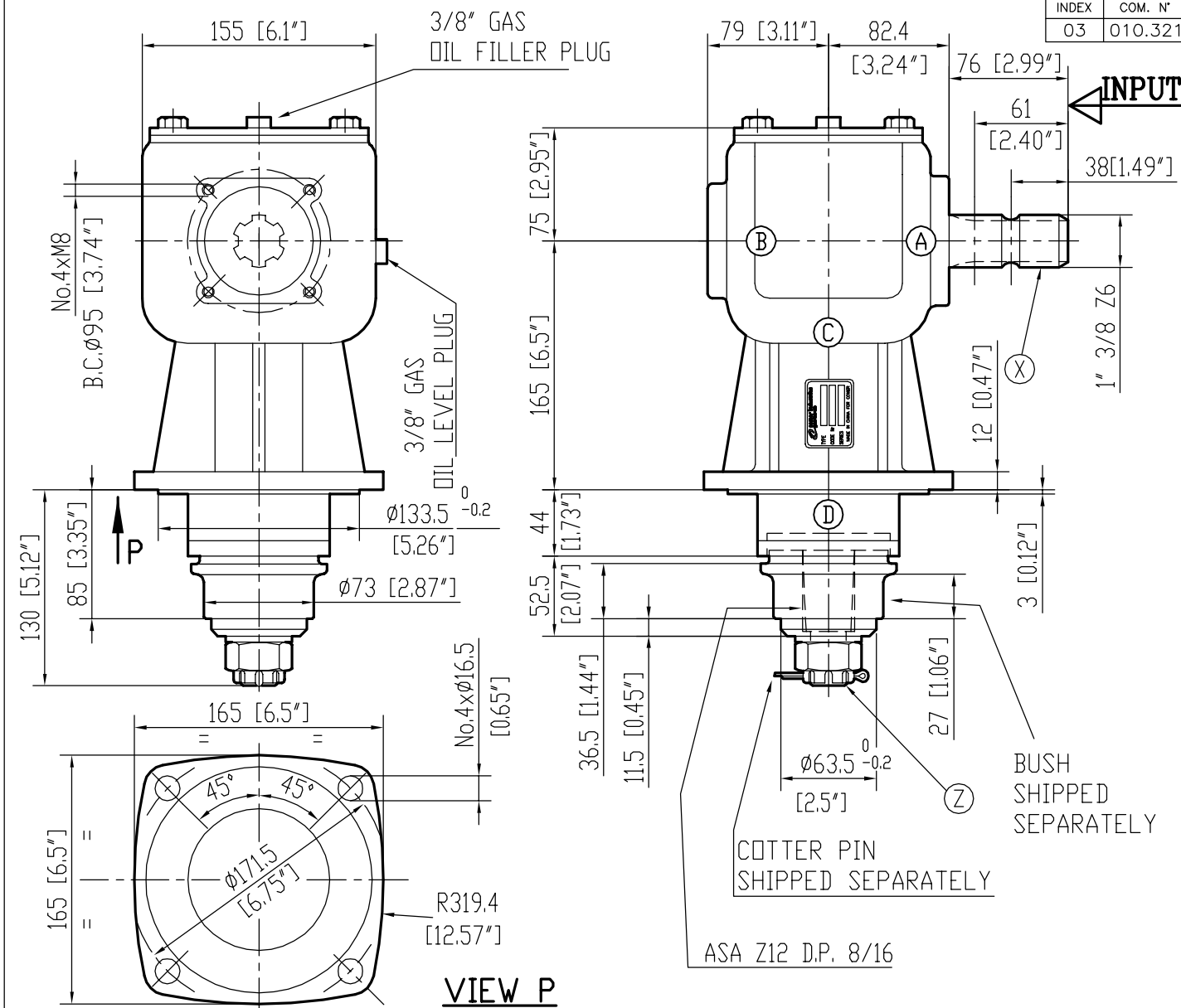
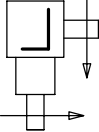
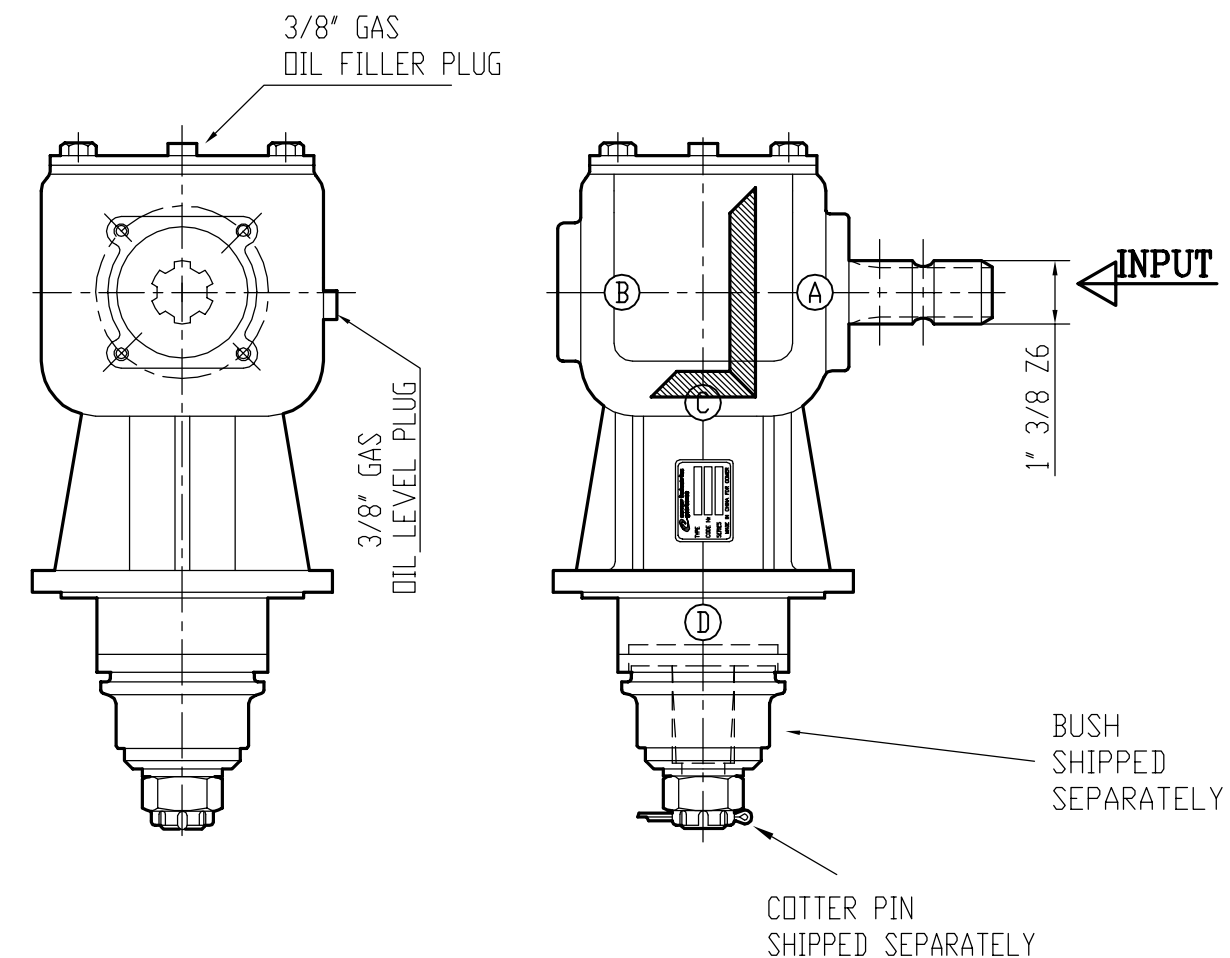




SPEED INCREASING UNIT	Ratio i		Rated input r.p.m.		Rated input power HP kW		Rated output torque da Nm		Weight Kg		Oil ☒ Grease ☐ Type Quantity Lt.				
	1 : 1.92		540		30 22		20		16		SAE.90EP ~~0.8~~ 1.1				
	Gear Arrangement		Bevel couplings					Cylindrical couplings					Bearings		
		Helicoidal	Straight	Teeth number				Module	Helicoidal	Straight	Teeth number				Module
				Z 1	Z 2	Z 3	Z 4	M.			Z 1	Z 2	Z 3	Z 4	M.
			*	12	23			5							
Components material															
Casing		Shaft X		Shaft Z		Bevel gear		Spur gear							
ASTM 60-40-18		AISI 3120		AISI 3120		AISI 3120									

COMER INDUSTRIES reserves the right to make any change to this product without prior public acknowledgement

COMER INDUSTRIES S.p.A. 42046 Villanova di Reggiolo (R.E.) Italia Tel. 0522\974111 (9 Linee) Telefax 0522\973249



NOTE DI MONTAGGIO

- GIOCO DI INGRANAMENTO
- GIOCO ASSIALE DI U.
- GIOCO ASSIALE DI E.
- GRASSO AL BISOLFURO DI MOLIBDENO .
- PARTICOLARI SMONTATI .
- IL PARAOLIO IN POS. - A - DEVE ESSERE MONTATO PARI AL PIANO DELLA SCATOLA .
- IL CAPPELLOTTO IN POS. - B - DEVE ESSERE MONTATO PARI AL PIANO DELLA SCATOLA .
- GRUPPI SPEDITI IN COMER ITALIA: I PARTICOLARI SMONTATI A.119.003 VANNO INSERITI CASSA PER CASSA , UGUALE AL NUMERO DEI GRUPPI PRESENTI NELLA CASSA .
- NEBULIZZARE ALL'INTERNO DELLA SCATOLA CON "NUCLEOIL 10" COME ULTIMA OPERAZIONE
- SERRAGGIO VITI COPERCHIO
- APPLICARE SILICONE TRA SCATOLA E COPERCHIO

ASSEMBLY NOTES

- GEARS BACKLASH
- OUTPUT SHAFT AXIAL CLEARANCE
- INPUT SHAFT AXIAL CLEARANCE
- BISULPHIDE MOLYBDENUM GREASE .
- NOT ASSEMBLED PARTS .
- THE OIL SEAL IN POS. - A - MUST BE ASSEMBLED ON THE SAME LEVEL WITH THE PLANE CASING .
- THE OIL CAP IN POS. - B - MUST BE ASSEMBLED ON THE SAME LEVEL WITH THE PLANE CASING .
- ONLY FOR DELIVERY TO COMER ITALY , THE A.119.003 MUST BE INSERTED IN THE CASE TOGETHER WITH THE COMPLETE GEARBOXES , IN THE SAME QUANTITIES .
- SPRAY "NUCLEOIL 10" INSIDE THE HOUSING AS LAST OPERATION
- TIGHTEN COVER BOLTS
- APPLY SILICONE SEALANT BETWEEN HOUSING AND COVER

0.15 ÷ 0.40 mm.
0 ÷ 0.2 mm.
0 ÷ 0.2 mm.
POS. - 19 -
A.119.003

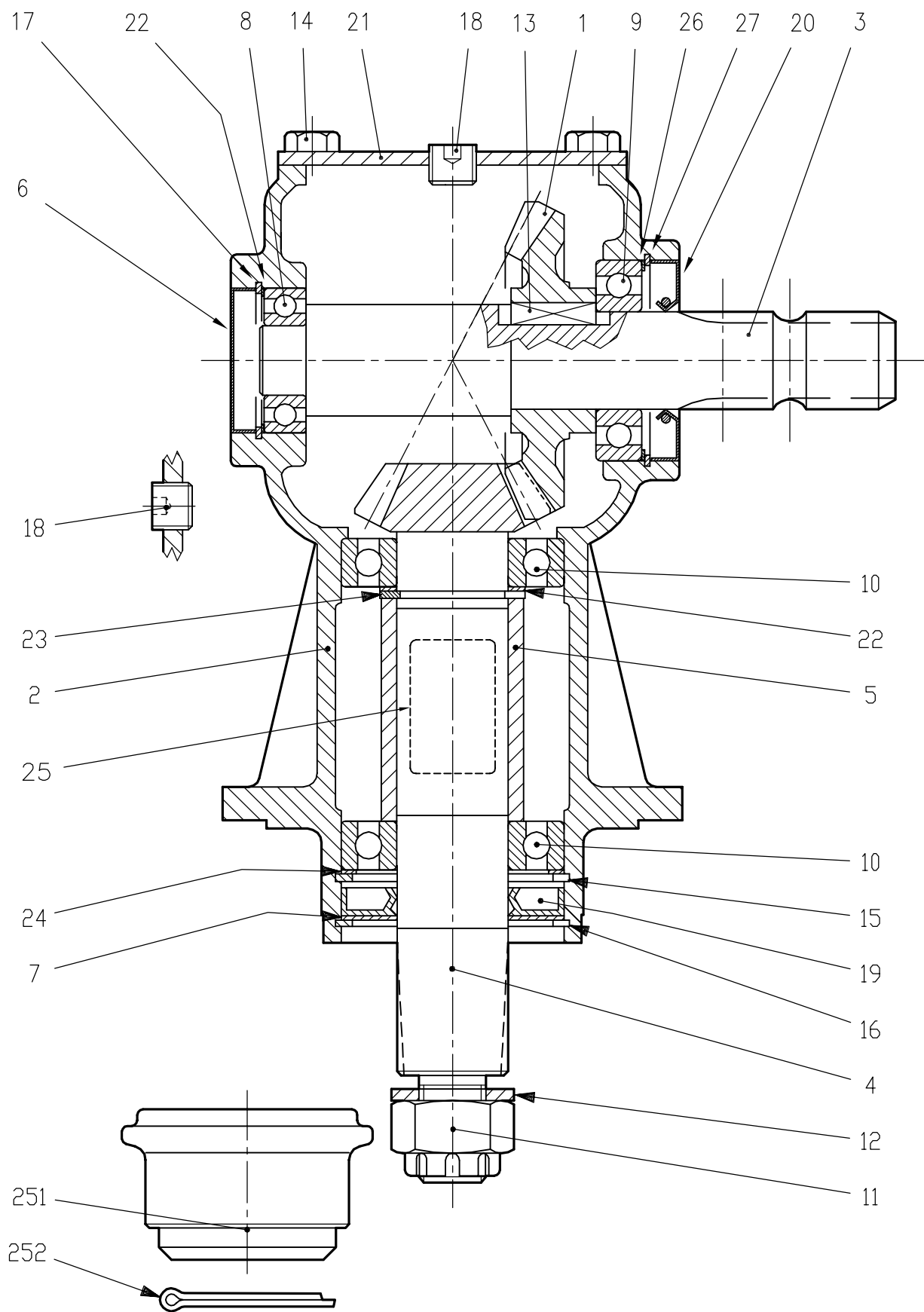
5 ÷ 6.4 kgm

SPES. TEORICA IN:
THEORETICAL SHIMS:

(A) 0.9 mm (B) 0.9 mm (C) 0.9 mm (D) 0.9 mm

COMPANY	REF.	DESIGNATION
COMMERCIAL	DATE 31/aug/05	LF-205J
		CODE 9.205.805.00

INDEX	COM. N°
03	010.321



comer industries gearboxes	RIF.	COMPANY: COMMERCIAL		INDEX	COM. N°
				03	010.321
	RATIO	FIG. MONT.	COD.LETT.	CODE	
	1 : 1.92	21 - 22	LF-205J		
			COD.NUM.	205	9.205.805.00

POS.	DRG. Nr.	PCS.	DESCRIPTION
1	0.135.5000.00	1	CROWN GEAR Z23 M5
2	0.205.0300.00	1	CASING
3	0.135.2001.00	1	INPUT SHAFT 1"3/8 Z6
4	0.135.6008.00	1	PINION Z12 M5
5	0.135.7105.00	1	SPACER
6	8.7.0.00693	1	OIL CAP (ø52x7)
7	1.135.7100.00	1	PROTECTIVE WASHER
8	8.0.1.00034	1	BALL BEARING 6205 (25x52x15)
9	8.0.1.00870	1	BALL BEARING 6207 (35x72x17)
10	8.0.1.00871	2	BALL BEARING 6208 (40x80x18)
11	8.2.2.00515	1	CASTLE NUT M24X2
12	8.3.2.00409	1	BOLT WASHER (25x44x4)
13	8.4.1.00993	1	PARALLEL KEY B (10X8X30)
14	8.1.1.00054	4	BOLTS M10x20 HHB (8.8)
15	8.5.2.00030	1	SNAP RING (80x83.5x2.5 , FOR HOLES)
16	8.5.3.00955	1	SNAP RING SB 81
17	8.5.2.01358	1	SNAP RING (52x55x2.5 , FOR HOLES)
18	8.6.6.00201	2	3/8" GAS SOLID PLUG
19	8.7.1.00748	1	DUST LIP (40X80X12)
20	8.7.3.00055	1	OIL SEAL (35X72X10)
21	0.205.1300.00	1	COVER
22	0.244.7500.00	2	SHIM KIT (40.3x51.5)
23	8.5.1.00680	1	SNAP RING (40x37.5x2.5 , FOR SHAFTS)
24	0.267.7500.00	1	SHIM KIT (69x79.7)
25	0.124.7135.00	1	NAME PLATE
26	0.248.7500.00	1	SHIM KIT (60.3x71.7)
27	8.5.2.00131	1	SNAP RING (72x75x2.5 , FOR HOLES)

A.119.003 (SHIPPED SEPARATELY)			
POS.	DRG. Nr.	PCS.	DESCRIPTION
251	0.135.7000.00	1	BUSHING GROOVED
252	8.4.7.00516	1	COTTER PIN B5x50

DISTINTA PRODOTTO											
					Fig. Mont.	Rapp.Tr	Doc.Mod	VS1:			
					0021	0001,900	03.10321	VS2:			
DESCRIZIONE								Data	Cod.Std	Pag	
SCATOLA INGRANAGGI LF-205J								14.01.2003	*	1	
9.205.805.00											
Liv.	SV	Codice Part.	Posiz	UM	NP	Desc. Particolare	SD	Qualita'	Cod.Grezzo	Peso	Tp.
1		0.124.7135.00	25	NR	1	TARGETTA (made in China)		ALLUMINIO	1.124.7135.00		
1		0.135.2001.00	3	NR	1	ALBERO ENTRATA 1"3/8 Z6		DIN 20MNCR5	4.10.560.0647	1,60	
1		0.135.5000.00	1	NR	1	CORONA CONICA Z23 M5		DIN 20MNCR5	1.135.5000.00	1,03	
1		0.135.6008.00	4	NR	1	ALB-PIGN.CONICO Z12 M5		DIN 20MNCR5	1.135.6001.00	2,39	
1		0.135.7105.00	5	NR	1	DISTANZIALE 40x51x80.2					
1		0.205.0300.00	2	NR	1	SCATOLA LF-205J		GGG40 DIN 1693			
1		0.205.1300.00	21	NR	1	COPERCHIO PIATTO LF-205J		FE360UNI-FE37			
1		0.244.7500.00	22	NR	2	SPES.REG. 40.3x51.5	01017503	C 72 UNI 3545			
1		0.248.7500.00	26	NR	1	SPES.REG. 60.3x71.7	01017503	C 72 UNI 3545			
1		0.267.7500.00	24	NR	1	SPES.REG. 69.0x79.9	01017503	C 72 UNI 3545			
1		1.135.7100.00	7	NR	1	LAMIERINO DI PROTEZIONE					
1		8.0.1.00034	8	NR	1	CUSC. SFERE CLB 6205		*		0,13	
1		8.0.1.00870	9	NR	1	CUSC. SFERE CLB 6207		*		0,01	
1		8.0.1.00871	10	NR	2	CUSC. SFERE CLB 6208		*		0,37	
1		8.1.1.00054	14	NR	4	VITE TE M10x20 UNI5739 8.8		*			
1		8.2.2.00515	11	NR	1	DADO ES.INT.UNI5593M24X2 PR80B		*			
1		8.3.2.00409	12	NR	1	ROS. x VITI 25x44x4		*			
1		8.4.1.00993	13	NR	1	LINGUETTA TEMPRATA B 10x8x30		*			
1		8.5.1.00680	23	NR	1	ANELLO EL.SIC. x ALB 40 H=2,5 UNI7436		*			
1		8.5.2.00030	15	NR	1	ANELLO EL.SIC. x FORO 80 UNI7437		*			
1		8.5.2.00131	27	NR	1	ANELLO EL.SIC. x FORO 72 UNI7437		*			
1	U	8.5.2.01358	17	NR	1	ANELLO EL.SIC. x FORO 52 H=2.5 UNI7438		*			
1		8.5.3.00955	16	NR	1	ANELLO DI SPAL. x ALLOG. SB 81		*			
1		8.6.6.00201	18	NR	2	TAPPO CON.ESAG. INC. 3/8"Gas		*			
1	U	8.7.0.00693	6	NR	1	CAPPELLOTTO DI CHI. 52x7		*			
1		8.7.1.00748	19	NR	1	AN.TEN.LAB.PAR.BASL 40x80x12		*			
1		8.7.3.00055	20	NR	1	AN.TEN.NORM. BA 35x72x10		*			
1		A.119.003		NR	1	PARTICOLARI SMONTATI		ASS. VARI PART			
.2		0.135.7000.00	.	NR	1	BOCCOLA			1.135.7000.00	1,33	251
.2		8.4.7.00516	.	NR	1	COPIGLIA B5x50 UNI1336					252