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planetary drives & axles

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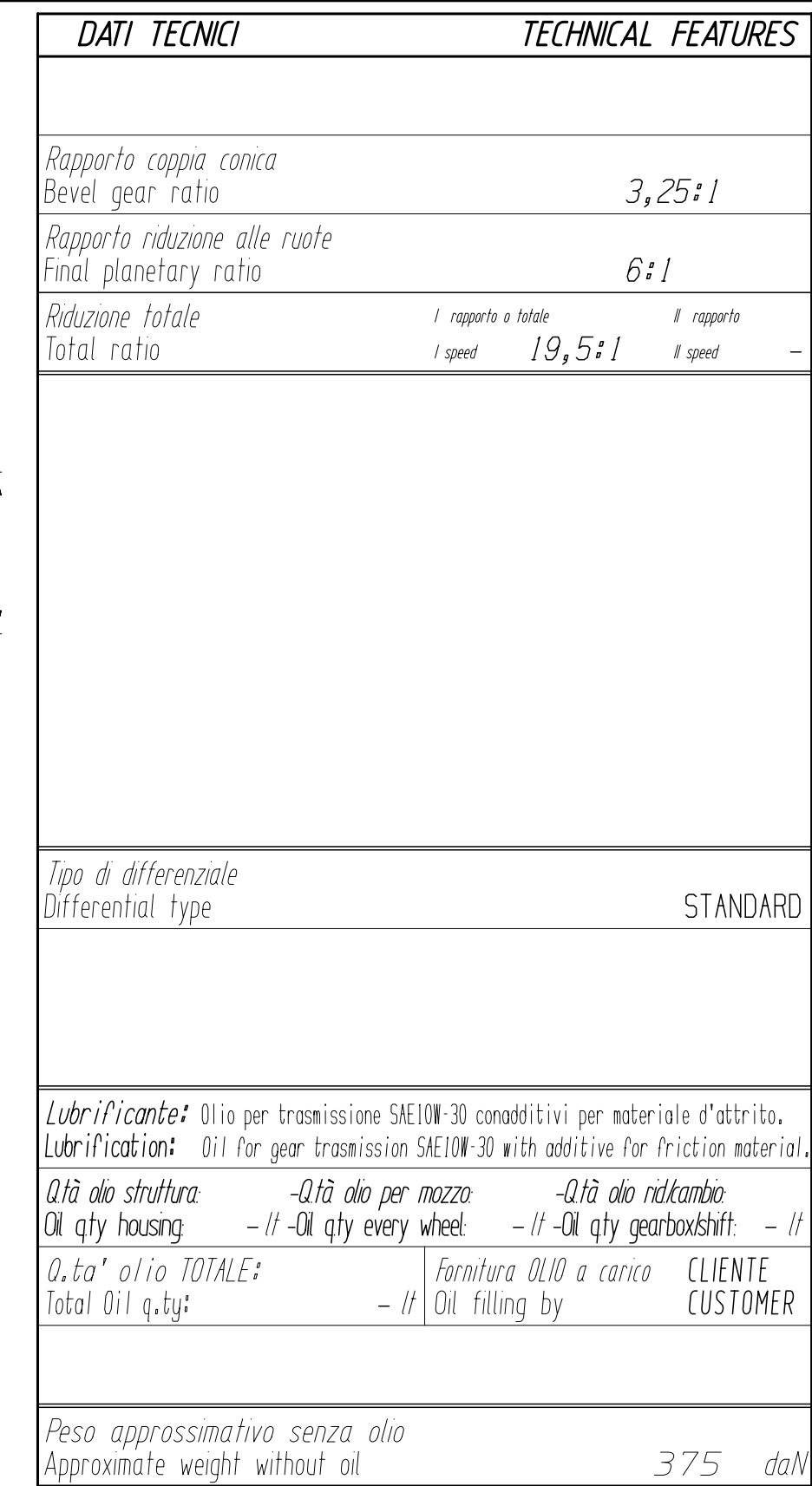
SPARE PARTS LIST

SERIE 238

Code : F238.10241.002.A01

Rigid drive axle

A02/14	First issue
Release	Description



<i>FRENI DI PARCHEGGIO</i>		<i>PARKING BRAKES</i>	
<i>Tipo di freno di servizio</i> Service brakes type	<i>DISCO</i> DISC	<i>Pinza freno</i> Caliper	<i>KNOTT MGS 40</i>
<i>Guarnizioni d'attrito</i> Lining-quality	<i>BERAL 361 I</i>		
<i>Diametro fori leva</i>  Lever holes diameter	$\varnothing 8,5$ mm		
<i>Spessore leva</i> Lever thickness	6 mm		
<i>Coppia max applicabile alla leva</i> Max. torque on lever	25 daNm		

DIFFERENZIALE
DIFFERENTIAL

Entrata moto per: FLANGIA DIN120
Input adaptor for: FLANGE DIN120

15 22 2

75

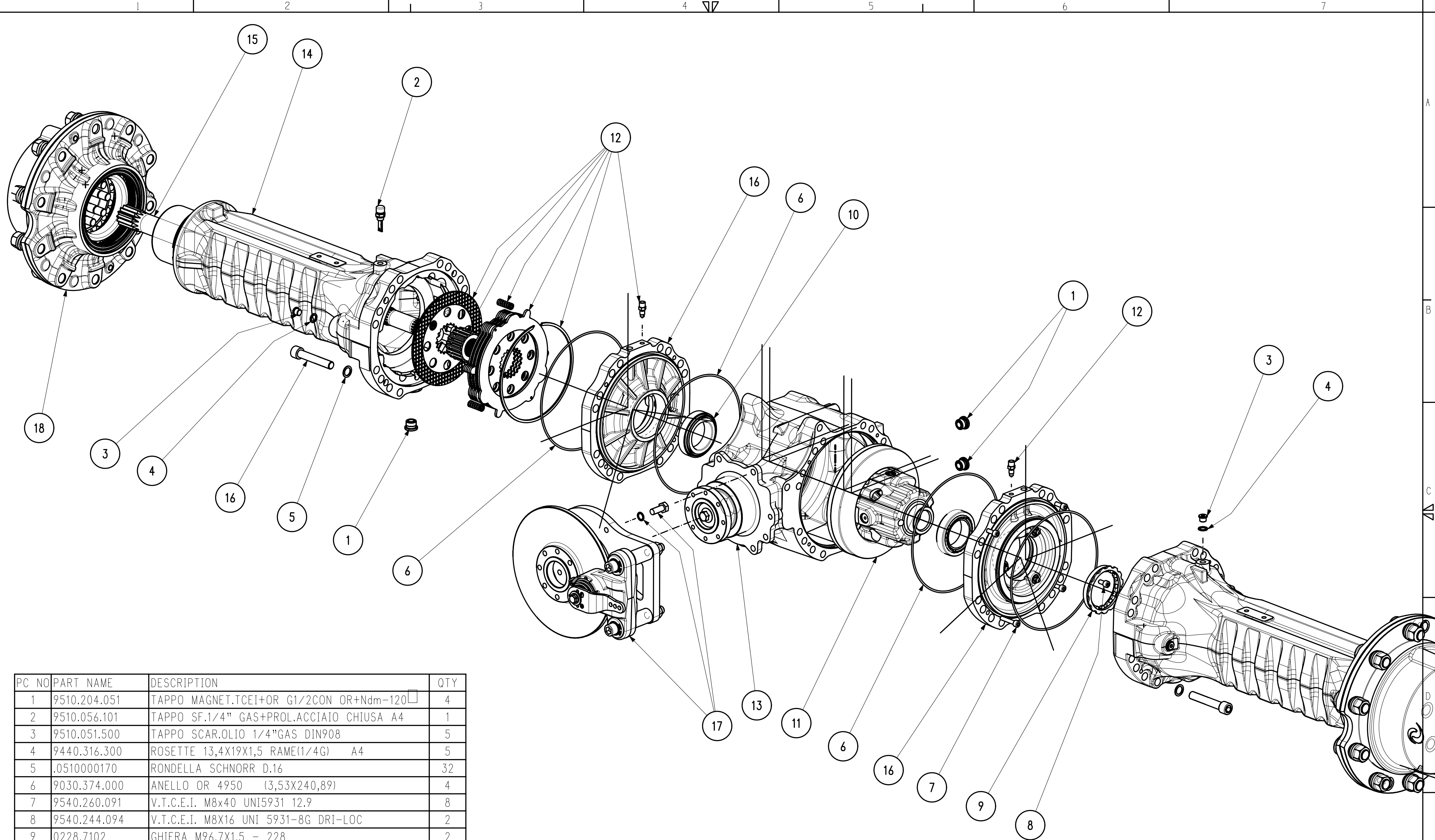
No. 8 - M10

101.5

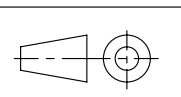
120

LATO SX
LEFT SIDE

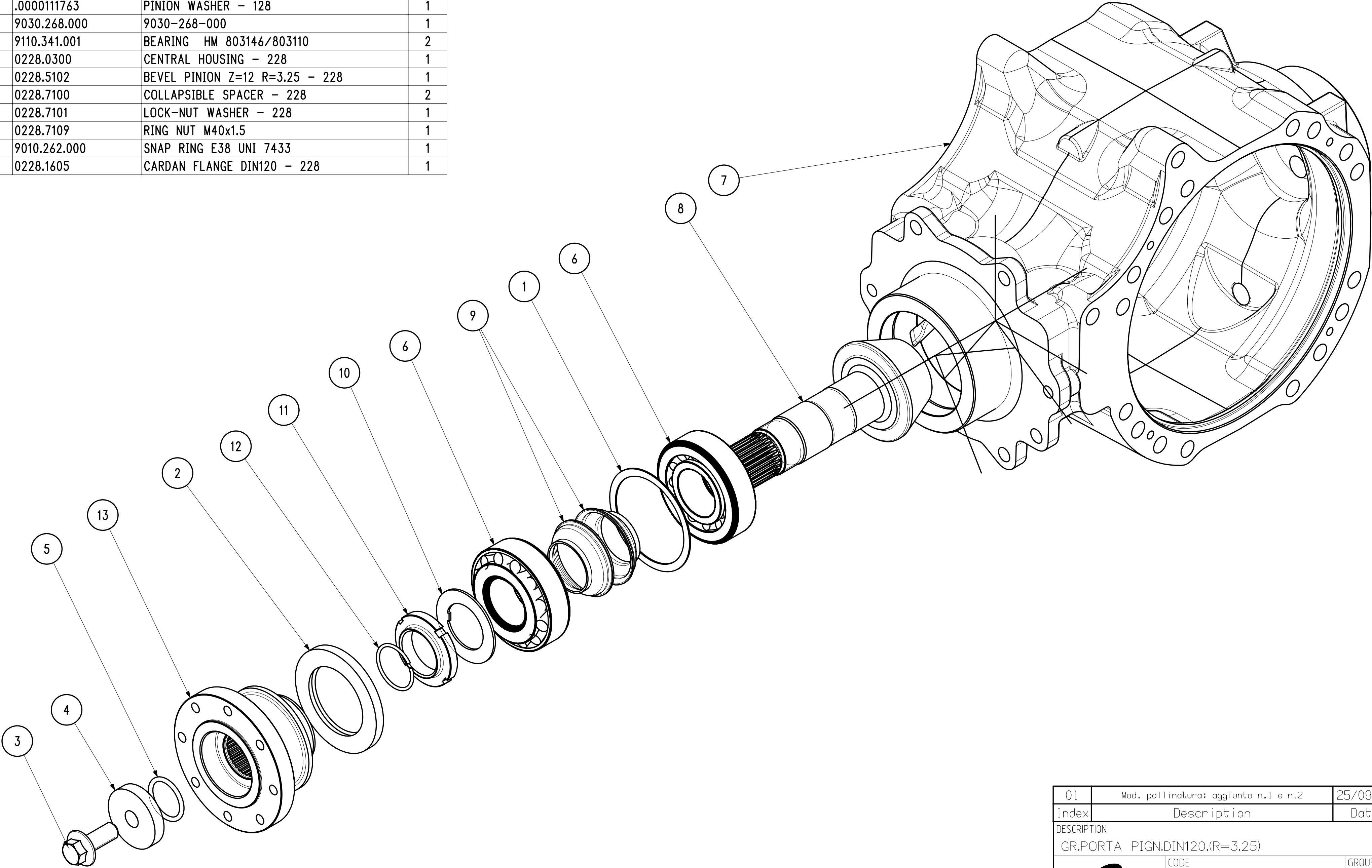
LEGENDA / SYMBOLS		VERNICIATURA / PAINT COLOR		NOTE / NOTES	
⊕	TAPO SFIATO BREATHER PLUG	TIPO TYPE			
⬇	TAPO CARICO FILLING PLUG	DESCRIZIONE / DESCRIPTION			
⊖	TAPO LIVELLO LEVEL PLUG				
⬇	TAPO SCARICO DRAIN PLUG	PONTE RIGIDO ANTERIORE-FRONT RIGID AXLE			
⊕	TARGA IDENTIFICATIVA DATE PLATE				
⊗	INGRESSATORE GREASER	FIRMA PER APPROVAZIONE / SIGNATURE FOR APPROVAL		DATA APPROVAZIONE / DATE FOR APPROVAL	
 comer industries CE & F		CODICE D'OFFERTA / OFFER CODE: F238-RT12-071			
		CODICE / CODE F238.1024.1.002.A01			
		SCALA / SCALE		DATA / DATE	FIRMA - SIGNATURE
		1.7		01/10/13	M.T.
42046 Villanova di Reggolo (RE) Via Magellano 37 - Tel. 0522/211911 Fax. 0522/211600					



PC NO	PART NAME	DESCRIPTION	QTY
1	9510.204.051	TAPPO MAGNET.TCEI+OR G1/2CON OR+Ndm-120	4
2	9510.056.101	TAPPO SF.1/4" GAS+PROL.ACCIAIO CHIUSA A4	1
3	9510.051.500	TAPPO SCAR.OLIO 1/4"GAS DIN908	5
4	9440.316.300	ROSETTE 13,4X19X1,5 RAME(1/4G) A4	5
5	.0510000170	RONDELLA SCHNORR D.16	32
6	9030.374.000	ANELLO OR 4950 (3,53X240,89)	4
7	9540.260.091	V.T.C.E.I. M8x40 UNI5931 12.9	8
8	9540.244.094	V.T.C.E.I. M8X16 UNI 5931-8G DRI-LOC	2
9	0228.7102	GHIERA M96.7X1.5 - 228	2
10	8.0.9.01550	CUSC.RULLI CON.CLB 32012 X	2
11	4228.11003	GR.CENTR.DIFF.STD.(R=3.25)	1
12	4228.21001	GR.FR.SERVIZIO	2
13	4228.12004	GR.PORTA PIGN.DIN120.(R=3.25)	1
14	0238.0504	CORPO PORT.FX(1660 FR/S-1790 FR/P)-238	2
15	0228.2203	SEMIASSE FX I=1660 - 228	2
16	4228.22001	GR.FLANGIA.M25.FR.SERV.ADJ.	2
17	4228.54001	GR.FRENO DISCO PINZA K. MGS40 - 228	1
18	4238.33016	GR.TERM.FX.10C.M22.4S.D/L.	2

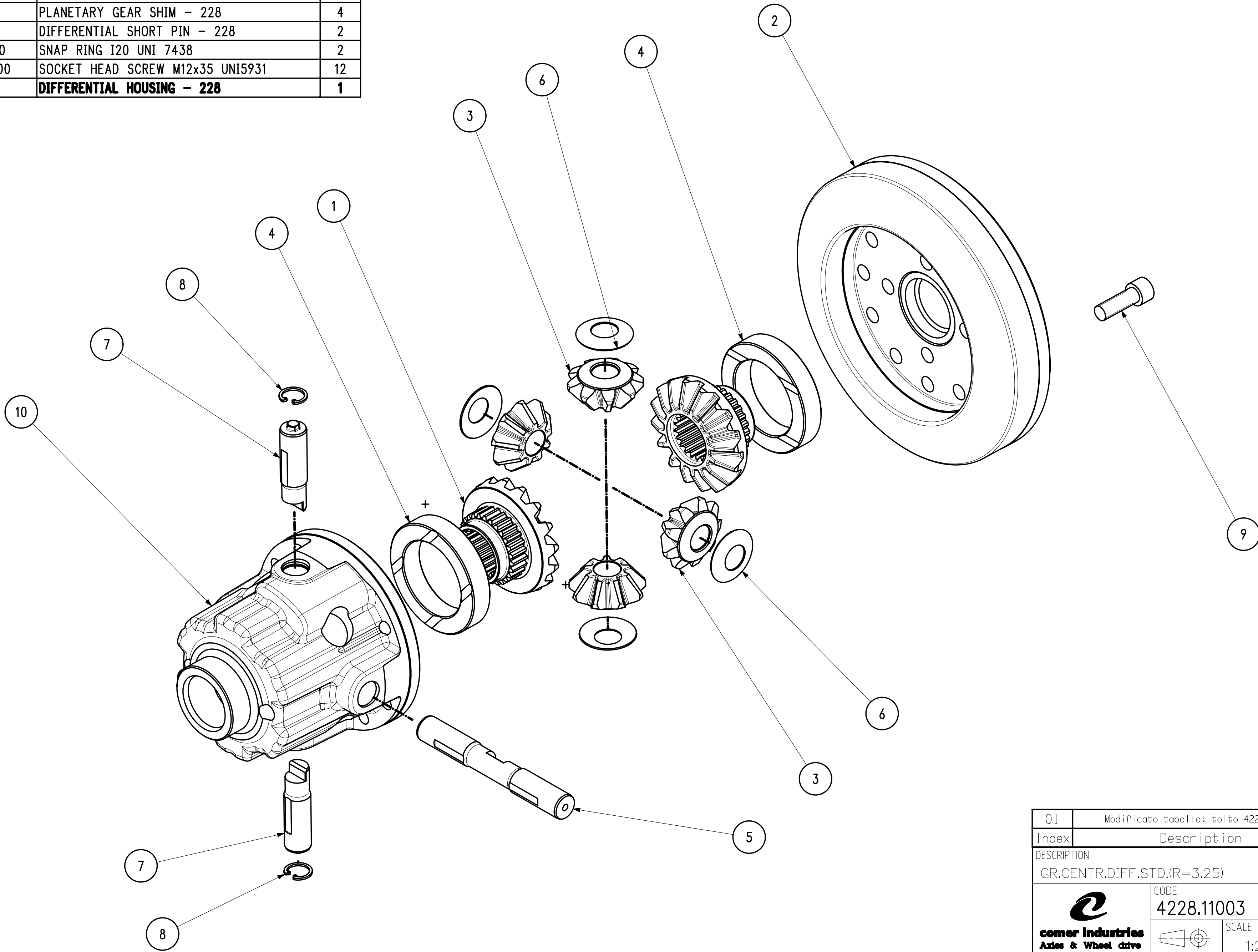
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 comer industries Axles & Wheel drive	CODE	GROUP	
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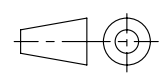
PC NO	PART NAME	DESCRIPTION	QTY
1	9479.076.089	THIKNES 76X88.8	1
2	8.7.1.01382	OIL SEAL 60X90X8	1
3	9540.428.062	FLANGED SCREW M14X35 10.9 DIN6921	1
4	.0000111763	PINION WASHER - 128	1
5	9030.268.000	9030-268-000	1
6	9110.341.001	BEARING HM 803146/803110	2
7	0228.0300	CENTRAL HOUSING - 228	1
8	0228.5102	BEVEL PINION Z=12 R=3.25 - 228	1
9	0228.7100	COLLAPSIBLE SPACER - 228	2
10	0228.7101	LOCK-NUT WASHER - 228	1
11	0228.7109	RING NUT M40x1.5	1
12	9010.262.000	SNAP RING E38 UNI 7433	1
13	0228.1605	CARDAN FLANGE DIN120 - 228	1

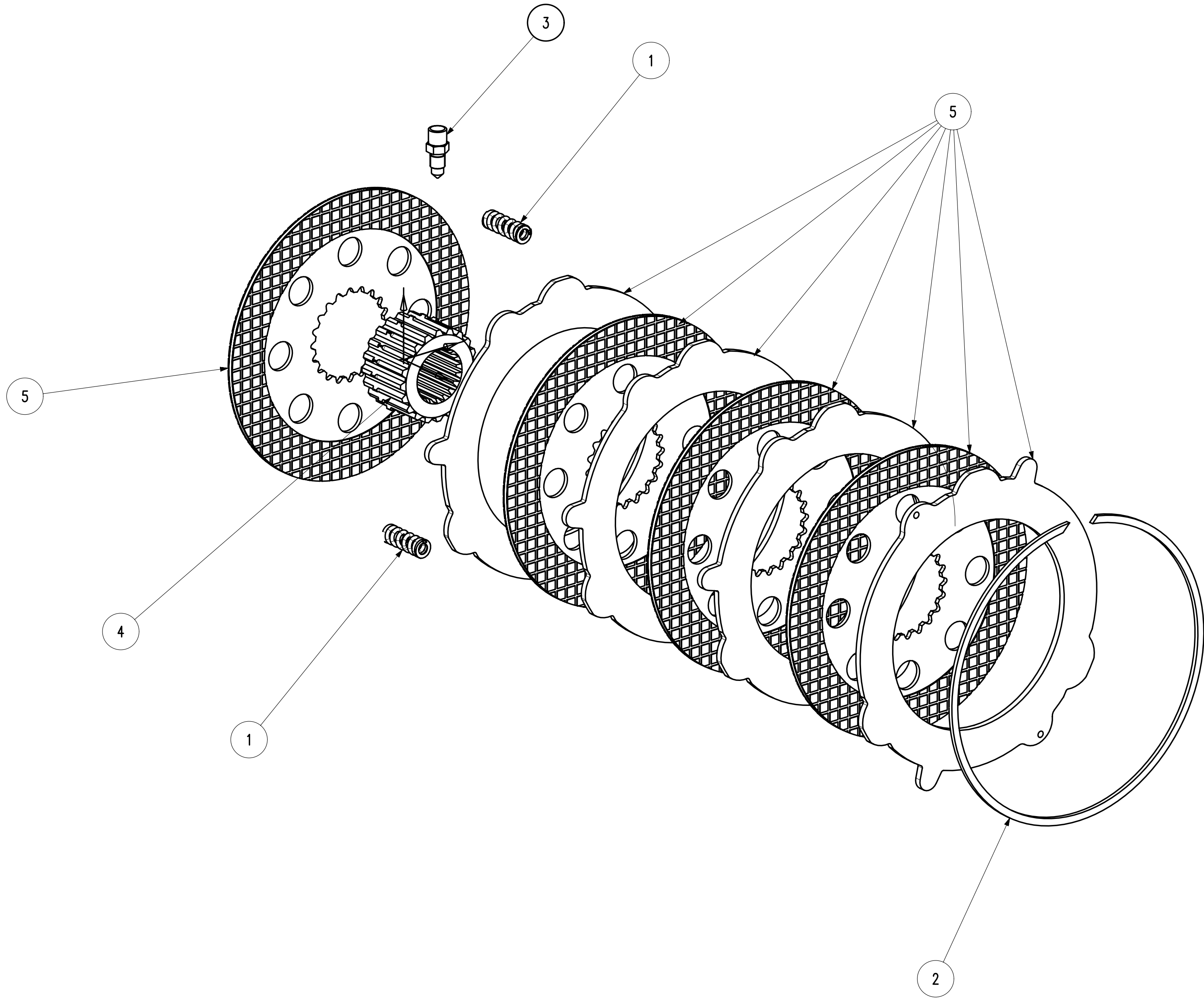


01	Mod. pallinatura: aggiunto n.1 e n.2	25/09/13	G.A.
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42046 Villanova di Reggiolo (RE) Via Magellano 37 - Tel. 0522/211911 Fax. 0522/211600			

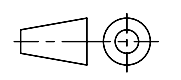
PC NO	PART NAME	DESCRIPTION	QTY
1	0228.5400	SUN GEAR - 228	2
2	0228.6102	BEVEL CROWN Z=39 R=3.25 - 228	1
3	0228.5600	PLANETARY GEAR - 228	4
4	0228.7105	DIFFERENTIAL SPACER - 228	2
5	0228.7108	DIFFERENTIAL LONG PIN - 228	1
6	0228.7104	PLANETARY GEAR SHIM - 228	4
7	0228.7107	DIFFERENTIAL SHORT PIN - 228	2
8	9010.104.000	SNAP RING I20 UNI 7438	2
9	0.798.7012.00	SOCKET HEAD SCREW M12x35 UNI5931	12
10	0228.0100	DIFFERENTIAL HOUSING - 228	1

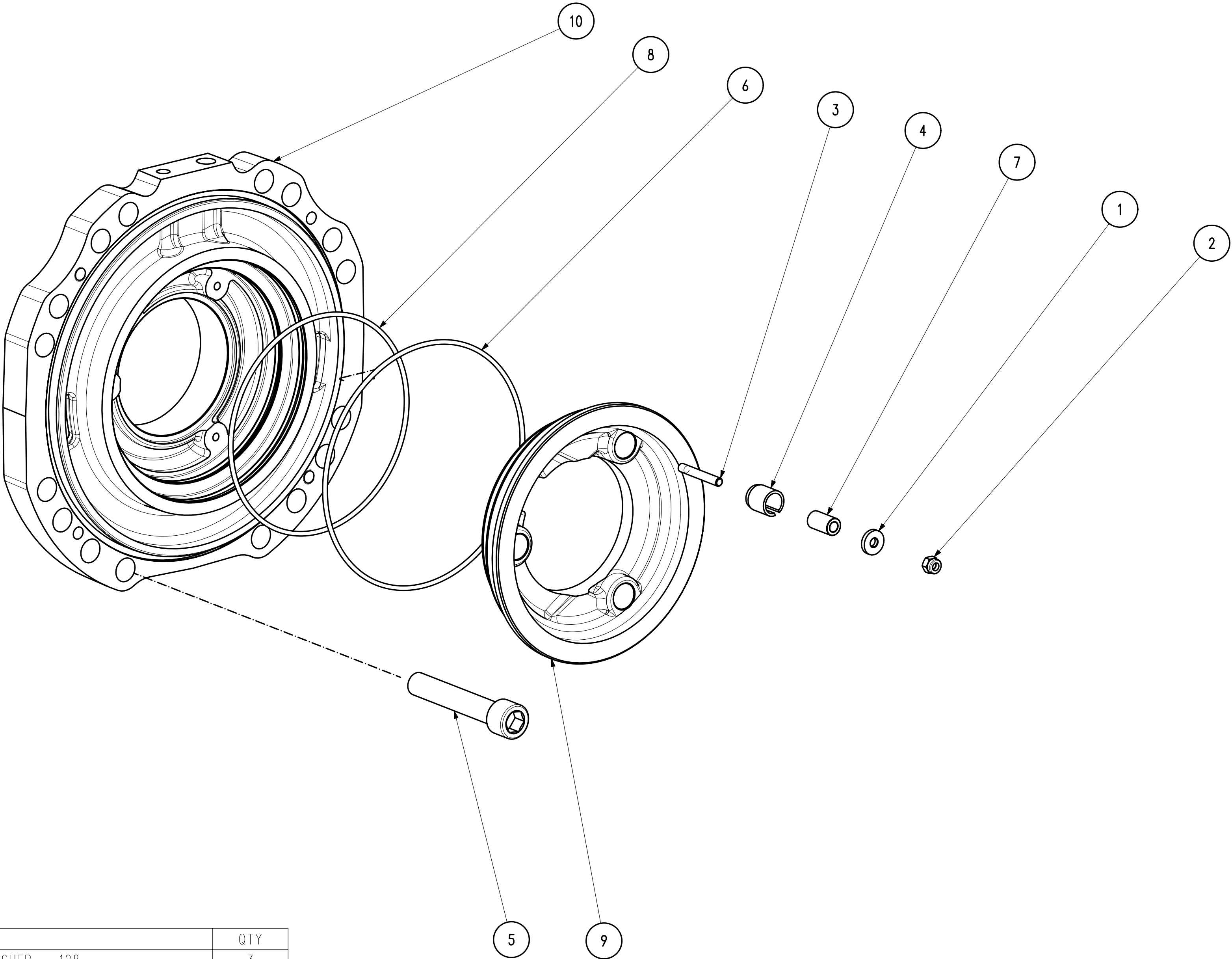


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 comer industries Axles & Wheel drive	CODE	GROUP	
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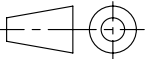


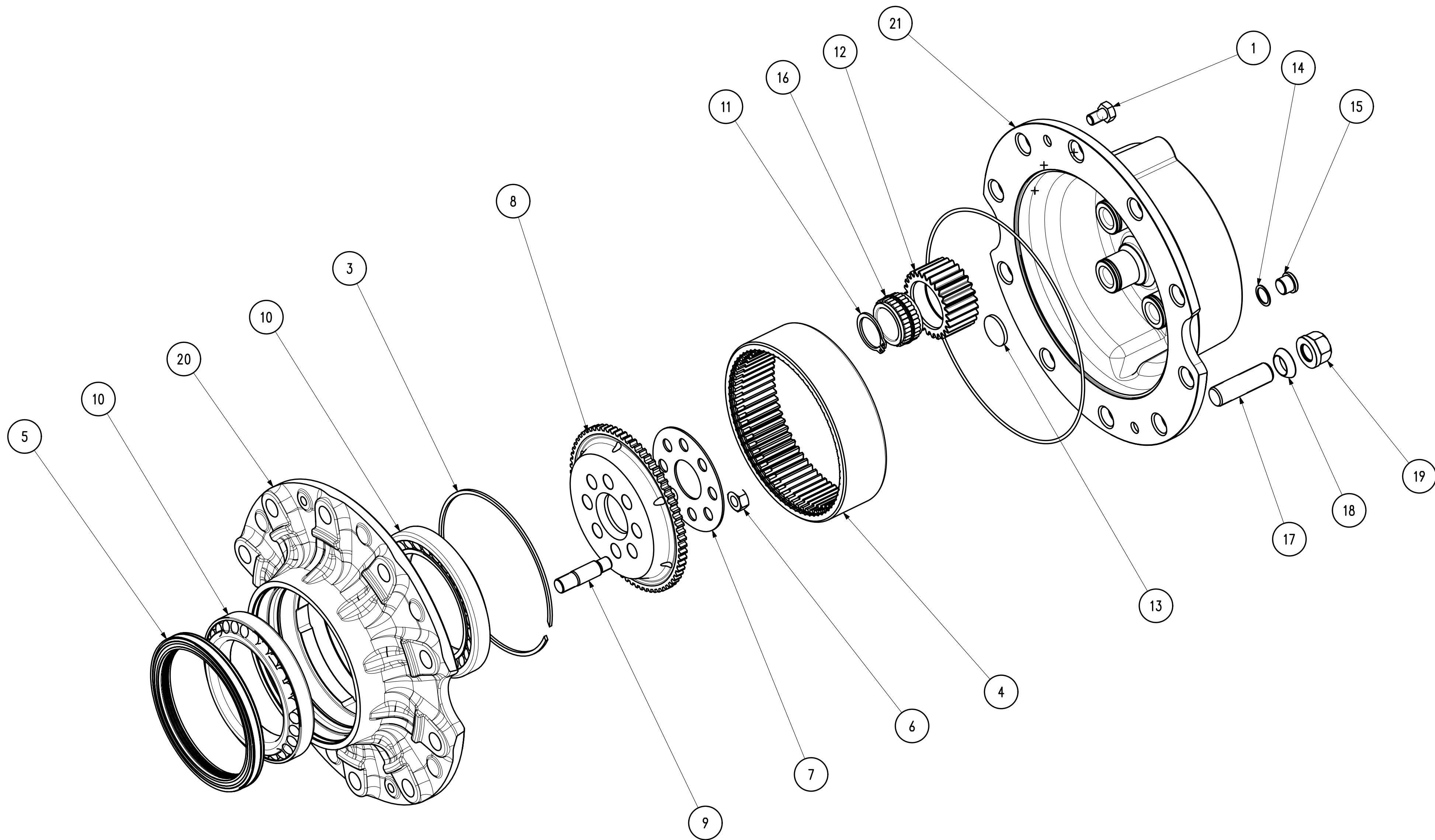
PC NO	PART NAME	DESCRIPTION	QTY
1	1359.037.000	SPRING D12.7X40.5	2
2	9010.707.100	INTERNAL SNAP RING BR 210	1
3	.2911000501	BLEEDING SCREW M10X1	1
4	0228.7106	DISCS BUSH - 228	1
5	9160.130.084	BRAKES DISCS PACKAGE - 228	1

01	Modificato tabella: tolto 8.6.0.02779	25/09/13	G.A.
Index	Description	Date	ID
DESCRIPTION			
GR.FR.SERVIZIO			
 comer industries Axles & Wheel drive	CODE	01	GROUP
	4228.21001		228
	SCALE	DATE	SIG
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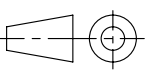
PC NO	PART NAME	DESCRIPTION	QTY
1	.0000127263	SELF-ADJUST WASHER - 128	3
2	8.2.6.01135	LOCKNUT M6 H7,6	3
3	9390.109.000	STUD BOLT M6X35 UNI5909	3
4	9490.633.000	PIN 6X20 UNI6875	3
5	9540.490.502	V.T.C.E.I. M16X90 UNI5931-12.9	16
6	9030.360.000	OR 2-261	1
7	.0000106784	SELF-ADJUST SPACER	3
8	9030.355.001	OR 2-258	1
9	0228.0001	SERVICE BRAKE PISTON - 228	1
10	0228.1601	M25 FLANGE - SERVICE BRAKE	1

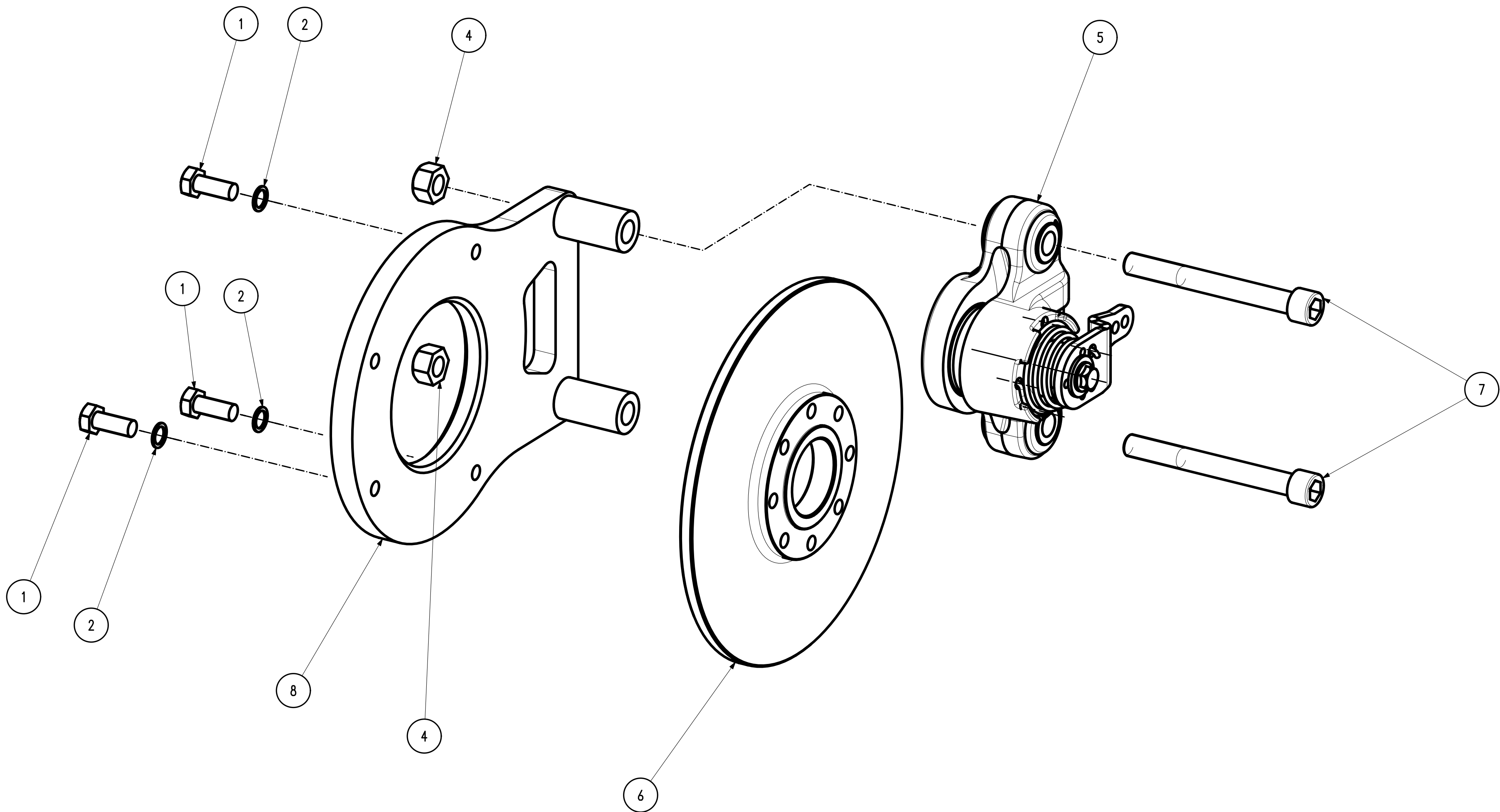
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DESCRIPTION				
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		SCALE	DATE	SIG
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PC NO	PART NAME	DESCRIPTION	QTY
1	9540.366.060	HWX SCREW M12x20 UNI 5739-8G	2
2	9030.375.000	OR 41050	1
3	9010.704.000	RING BR190	1
4	.0000172279	CROWN WHEEL	1
5	9020.723.350	OIL SEAL G35X45X4	1
6	8.2.1.00817	NUT M14X1,5 UNI5588	8
7	0228.1100	CROWN RING - 228	1
8	0228.1602	CROWN FLANGE - 228	1
9	0228.7110	STUD BOLT M16x50.6	8
10	9110.650.111	TAPER ROLLER BEARING	2
11	.0751000038	SNAP RING E38 DIN471	4

PC NO	PART NAME	DESCRIPTION	QTY
12	.0000172280	PLANETARY GEAR	4
13	.0000155410	CROWN WHEEL SHIM	1
14	8.3.3.00305	COPPER WASHER D.18	1
15	.2590000318	OIL PLUG M18X1,5DIN908	1
16	9110.286.550	ROLLER BEARING	4
17	.2292022053	STUD BOLT M22X53	10
18	9440.550.000	WASHER "LIMES"D.22 DIN74361/B	10
19	9120.520.100	NUT M22X1,5 DIN 74361/B	10
20	0238.1201	WHEEL HUB 10C	1
21	0238.1202	PLANETARY CARRIAGE 10C - 228	1

Index	Description	Date	ID
DESCRIPTION			
GR.TERM.FX.10C.M22.4S.D/L.			
 comer industries Axes & Wheel drive	CODE	GROUP	
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	SCALE	DATE	SIG
	1:2	05/02/14	Gozzi A.
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PC NO	PART NAME	DESCRIPTION	QTY
1	.0080001230	SCREW M12X30 UNI5739 8.8	3
2	.0510000130	SHNORR WASHER D.12	3
3	0228.7116	BRAKE CAPLIPER SPACER - 228	2
4	90.000.330	CONE-LOCK NUT M16X2 DIN980	2
5	9171.999.004	BRAKE CALIPER KNOTT MGS40	1
6	0228.7901	PARKING BRAKE DISC (280)	1
7	9540.492.100	SOCKET HEAD SCREW M16X140	2
8	0228.1607	BRAKE CALIPER FLANGE - 228	1

Index	Description	Date	ID
DESCRIPTION			
GR.FRENO DISCO PINZA K. MGS40 - 228			
 comer industries Axis & Wheel drive	CODE	GROUP	
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	SCALE	DATE	SIG
	1:2	05/02/14	Gozzi A.
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