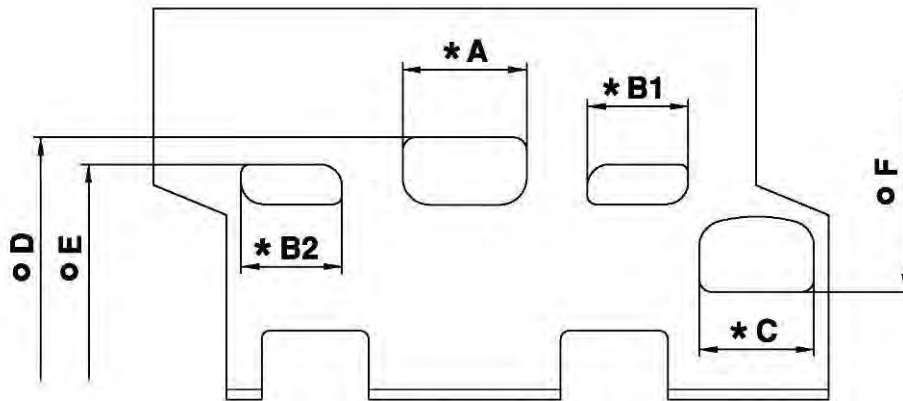


NORSWIFT 60CC – N

(NORWAY)

		FEATURES	
		Cylinder volume	59.42 cm ³ (60.00 cm ³ max.)
		Bore	41.80 mm
		Max. theoretical bore	42.00 mm
		Stroke	43.30 mm max.
		Cooling system	Air
		Inlet system	Piston Port
		Number of carbs	1
Tillotson Carburettors HW -	47A Ø15mm (CADETTI CLASS) 34B Ø17mm (MINI CLASS)	Transfers n. cylinder/crankcase	2 / 2
Number of piston rings	1	Inlet / exhaust ports number	1 / 1
Big end conrod ball-bearing diam.	18x24x15	Combustion chamber shape	Spherical
Crankshaft ball-bearing diam.	20x47x14	Selettra ignition	Cod. A-61959N (lim. 12.000 rpm CADETTI CLASS) Cod. A-61959R (lim. 13.500 rpm MINI CLASS)
Small end conrod ball-bearing diam.	12x16x16	Distance between conrod centres	88 mm

CYLINDER DEVELOPMENT

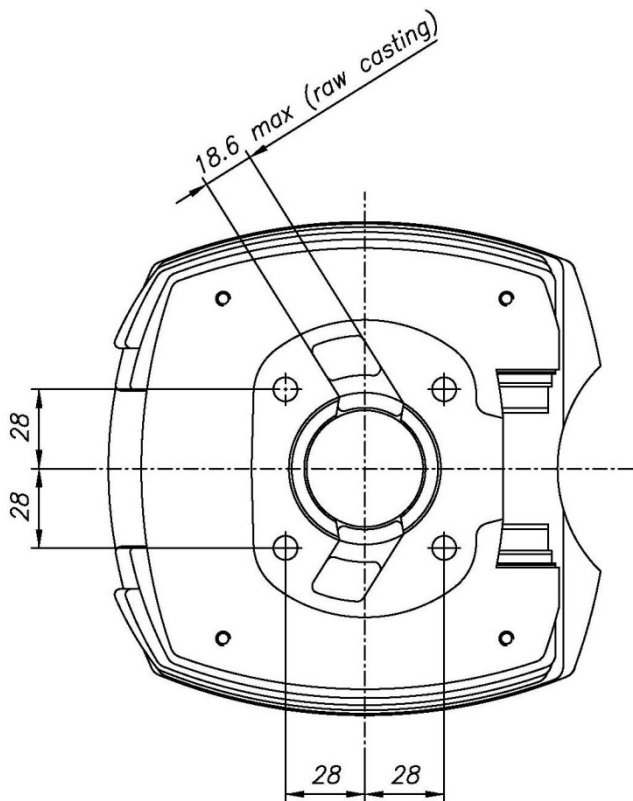


A	≤ 28.5 mm
B1 = B2	≤ 22.3 mm
C	≤ 26.5 mm
D	155.5° ± 1°
E	115.5° ± 2°
F	143.5° ± 1°

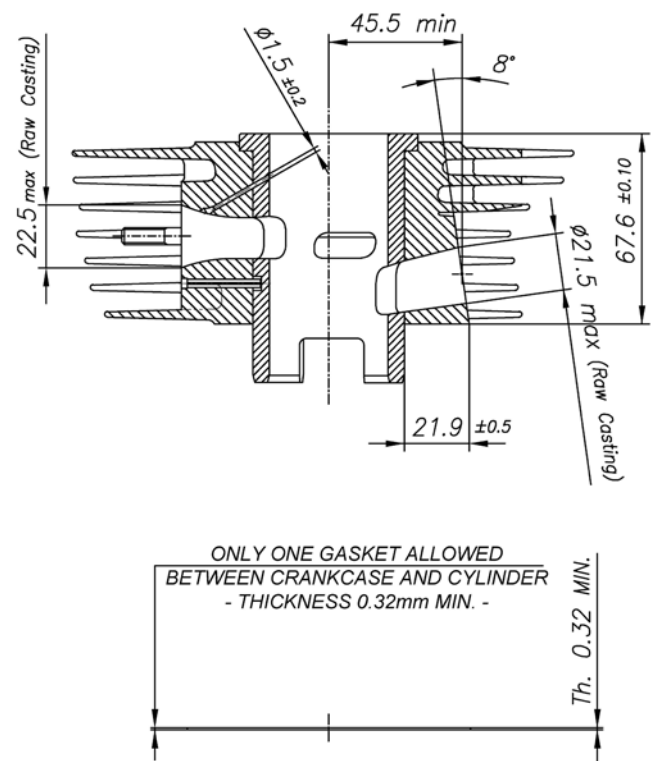
* CHORDAL READING

o ANGULAR READING BY INSERT A 0.2x5 mm GAUGE

CYLINDER BASE VIEW



CYLINDER CROSS SECTION VIEW



ONLY ONE GASKET ALLOWED
BETWEEN CRANKCASE AND CYLINDER
- THICKNESS 0.32mm MIN. -

Th. 0.32 MIN.

COMBUSTION CHAMBER VIEW

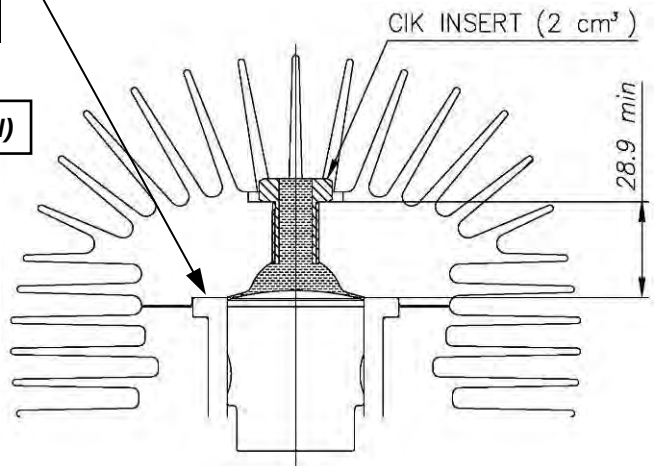
COMBUSTION CHAMBER VOLUME = $6.1 \text{ cm}^3 \text{ min.}$

SQUISH MIN.= 0.65 mm (measured with $\varnothing 1.5 \text{ mm TIN}$)

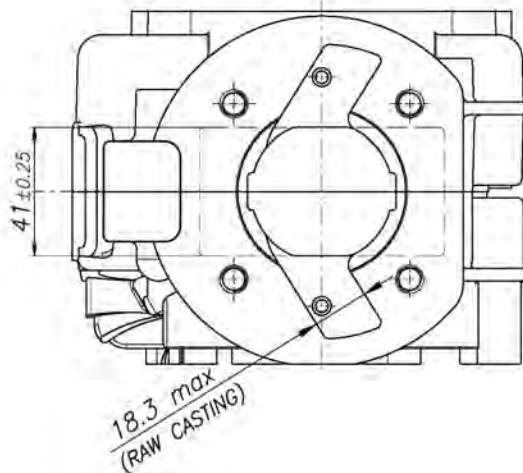
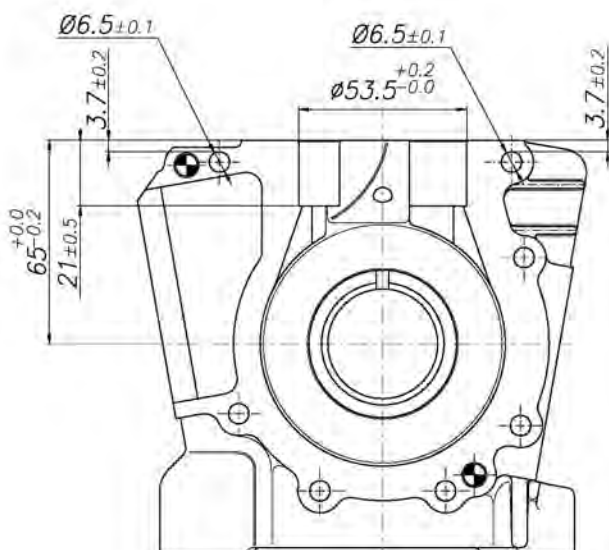
Combustion chamber volume in the cylinder head
(with Volumeter and CIK insert):

$7.4 \text{ cm}^3 \text{ min}$

NO GASKET OR SHIMS ARE ALLOWED
BETWEEN THE CYLINDER AND CYLINDER HEAD

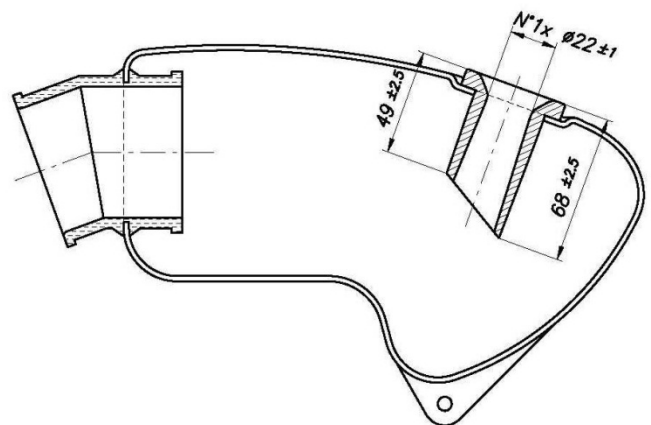


CRANKCASE INSIDE VIEW

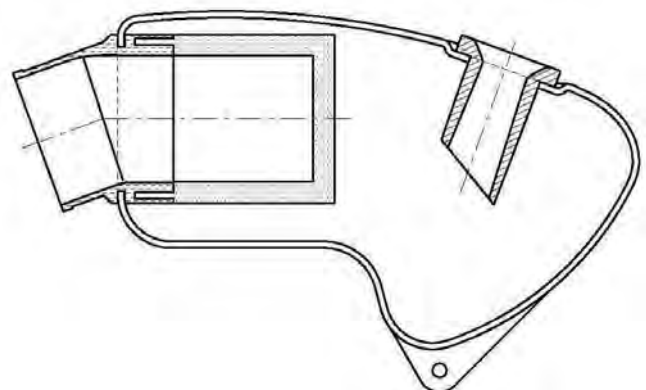


INLET SILENCER

(CSAI Hom. N° 01/SA/14)



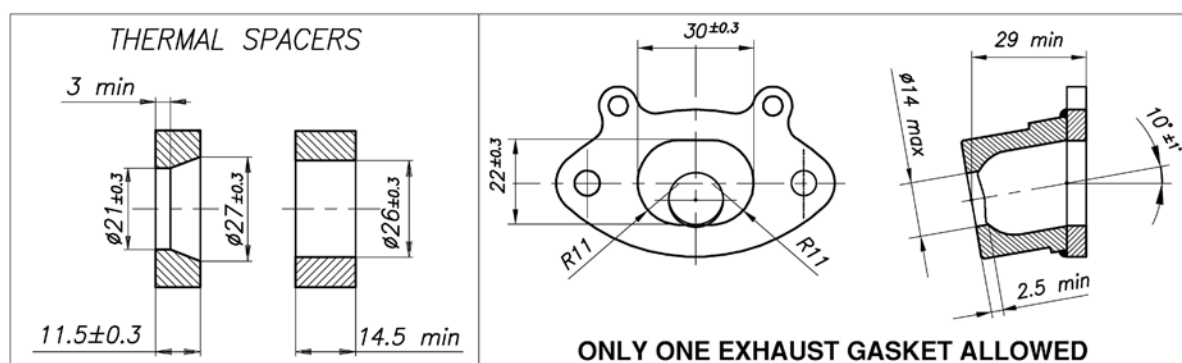
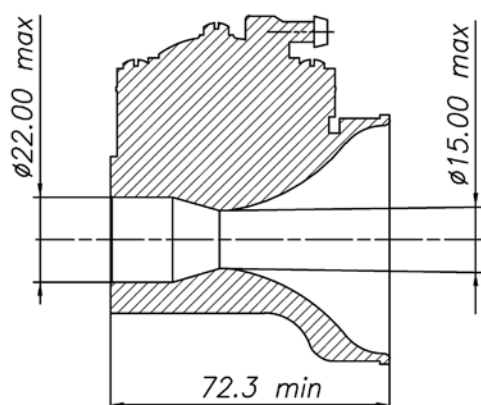
IN ALTERNATIVE (OPTIONAL)



CARBURETTORS, INLET SILENCER SUPPORTS AND EXHAUST MANIFOLDS
FOR "MINI" VERSION AND "CADETTI" VERSION

CADETTI Class

Tillotson HW-47A



MINI Class

Tillotson HW-34B

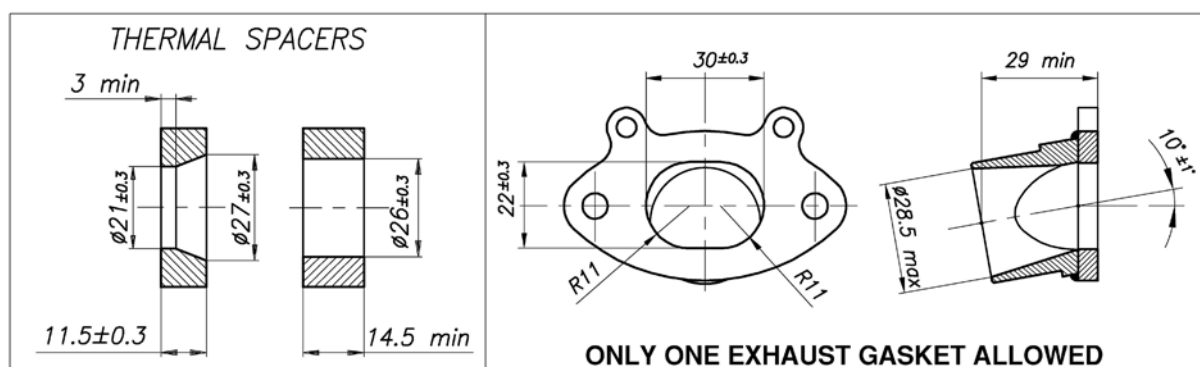
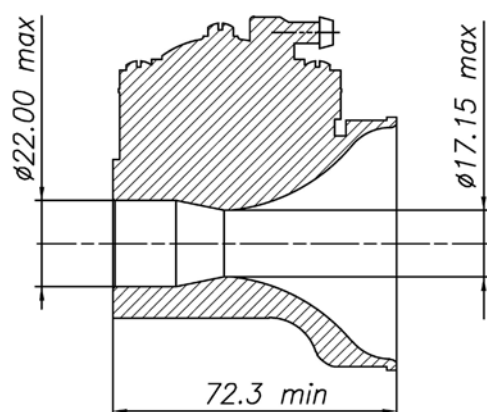
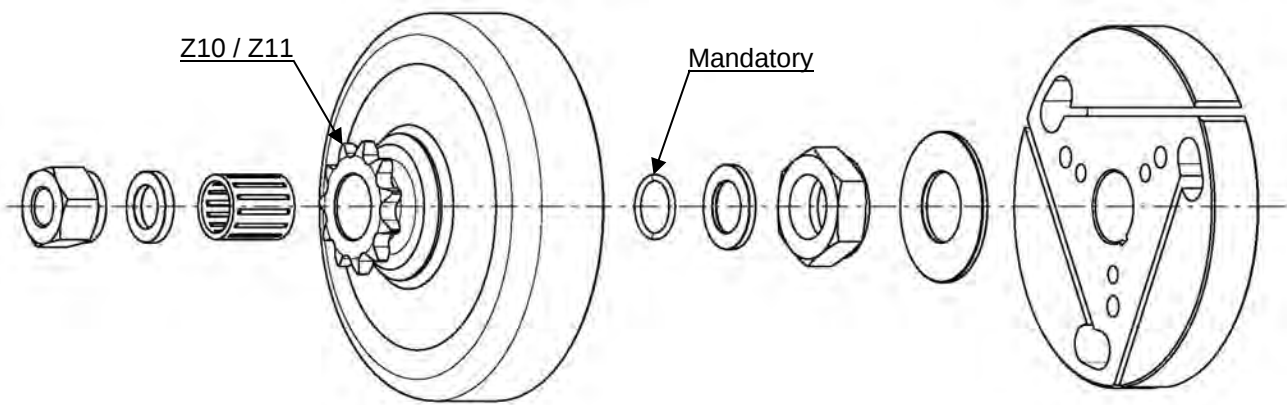


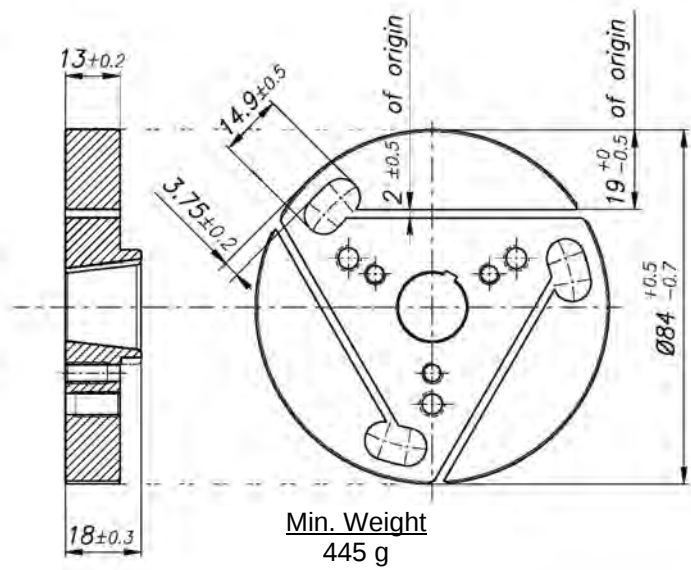
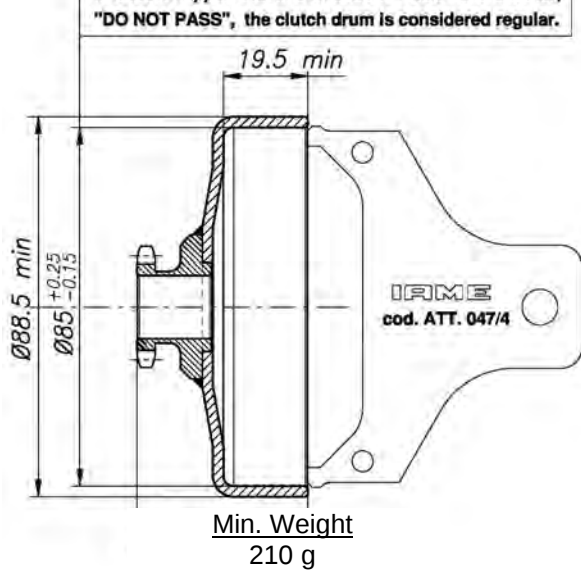
PHOTO IDENTIFICATION MARKING SPONGE FILTER (OPTIONAL)



DESCRIPTION OF THE CLUTCH

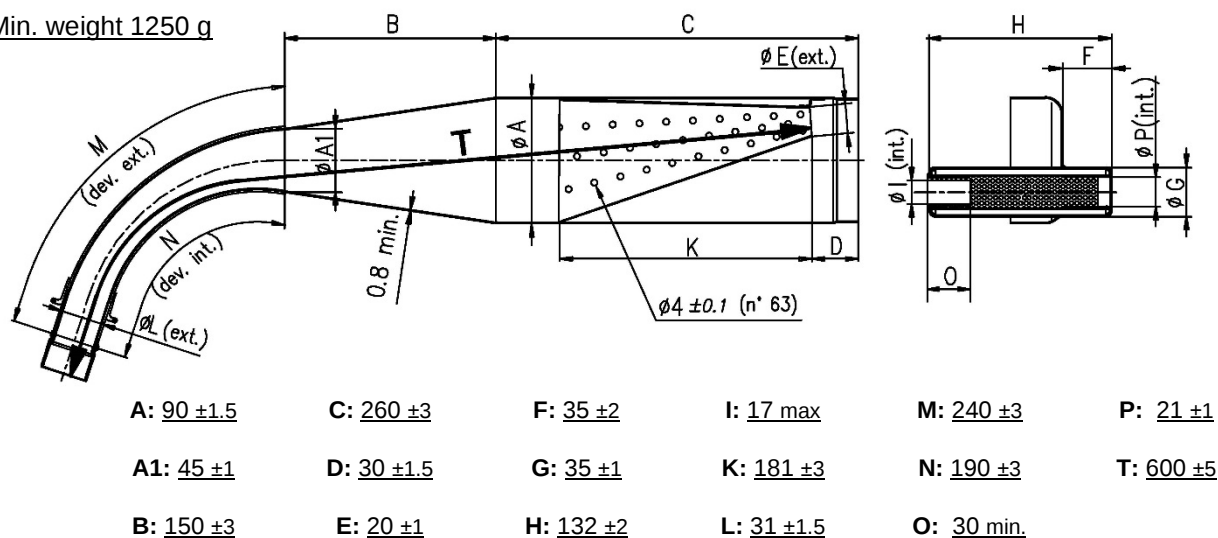


The template "N.P." must be used in multiple directions.
In case it happen that in a direction "PASS" and another,
"DO NOT PASS", the clutch drum is considered regular.

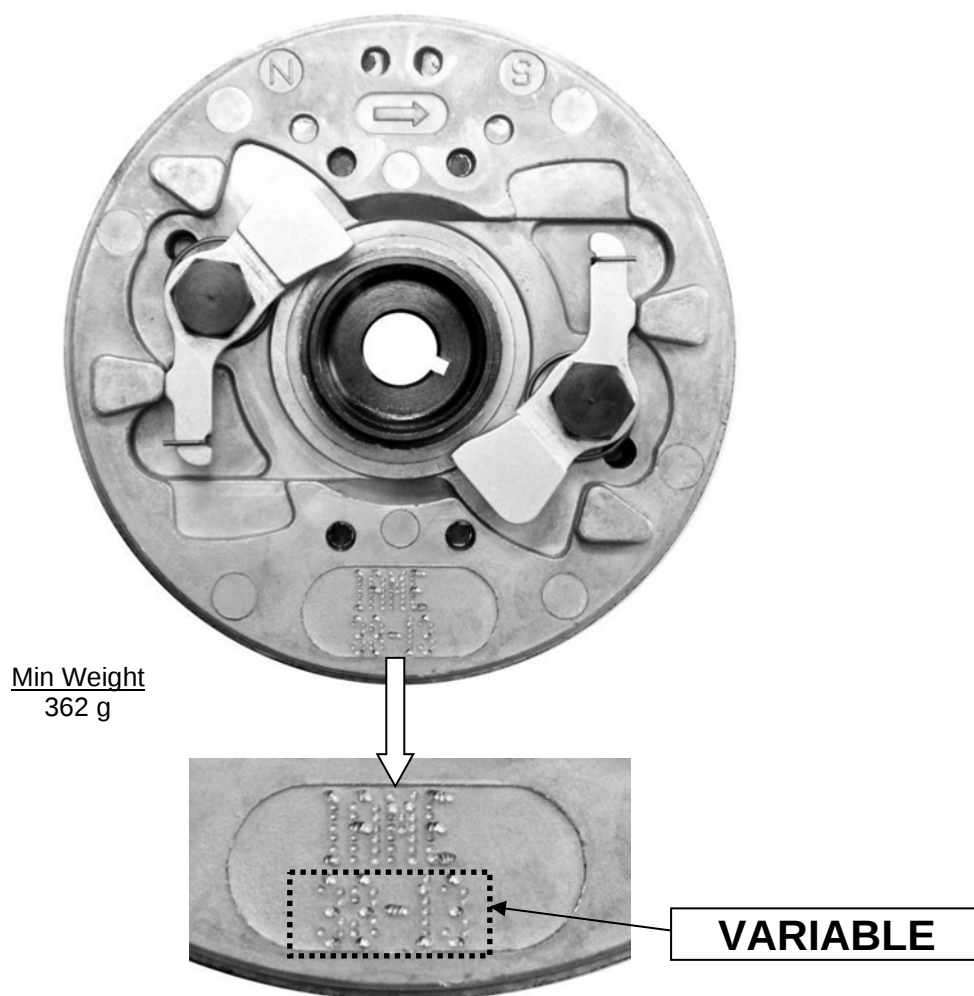


EXHAUST MUFFLER VIEW AND DIMENSIONS

Min. weight 1250 g



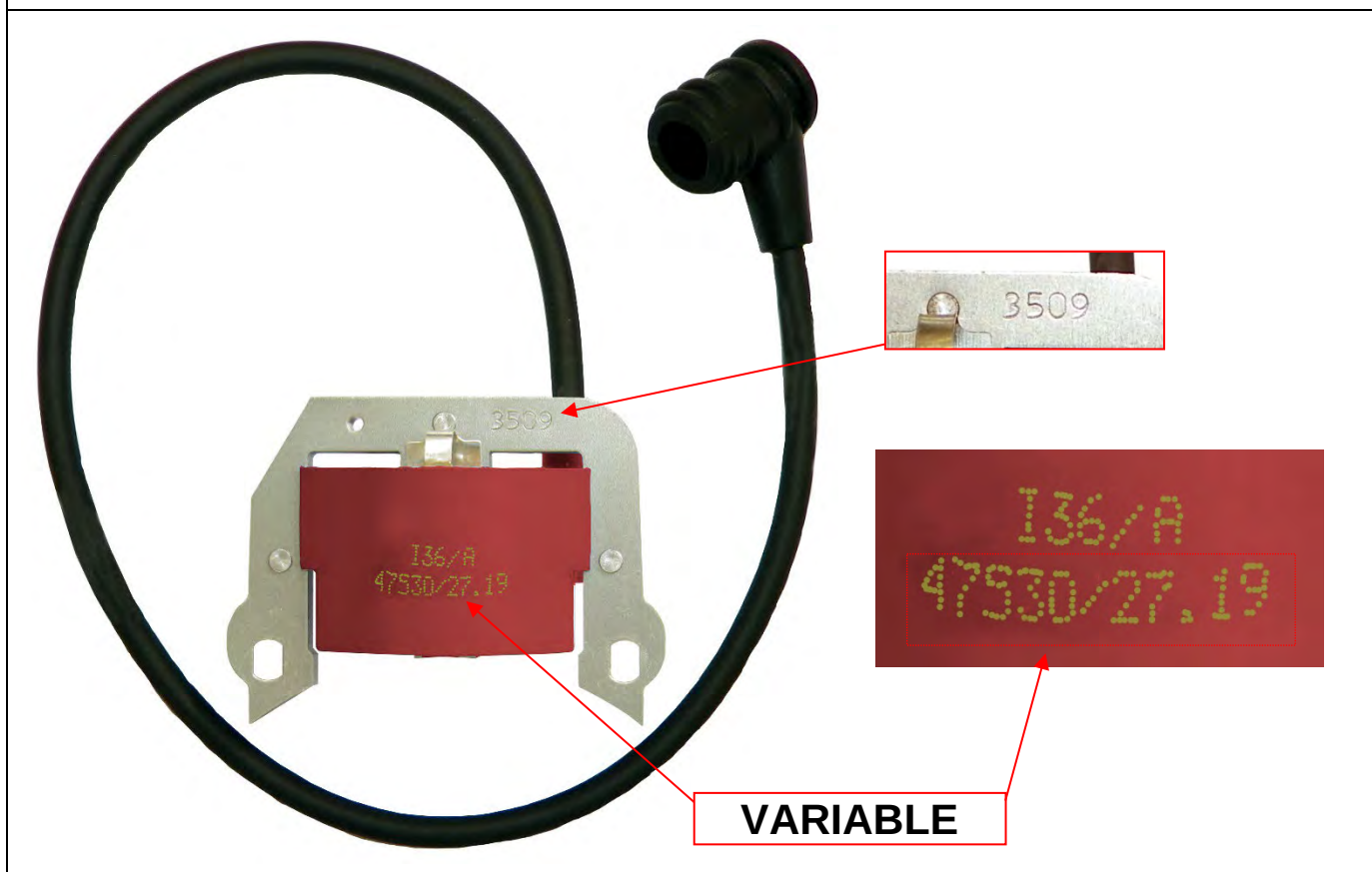
IGNITION PHOTO IDENTIFICATION MARKING



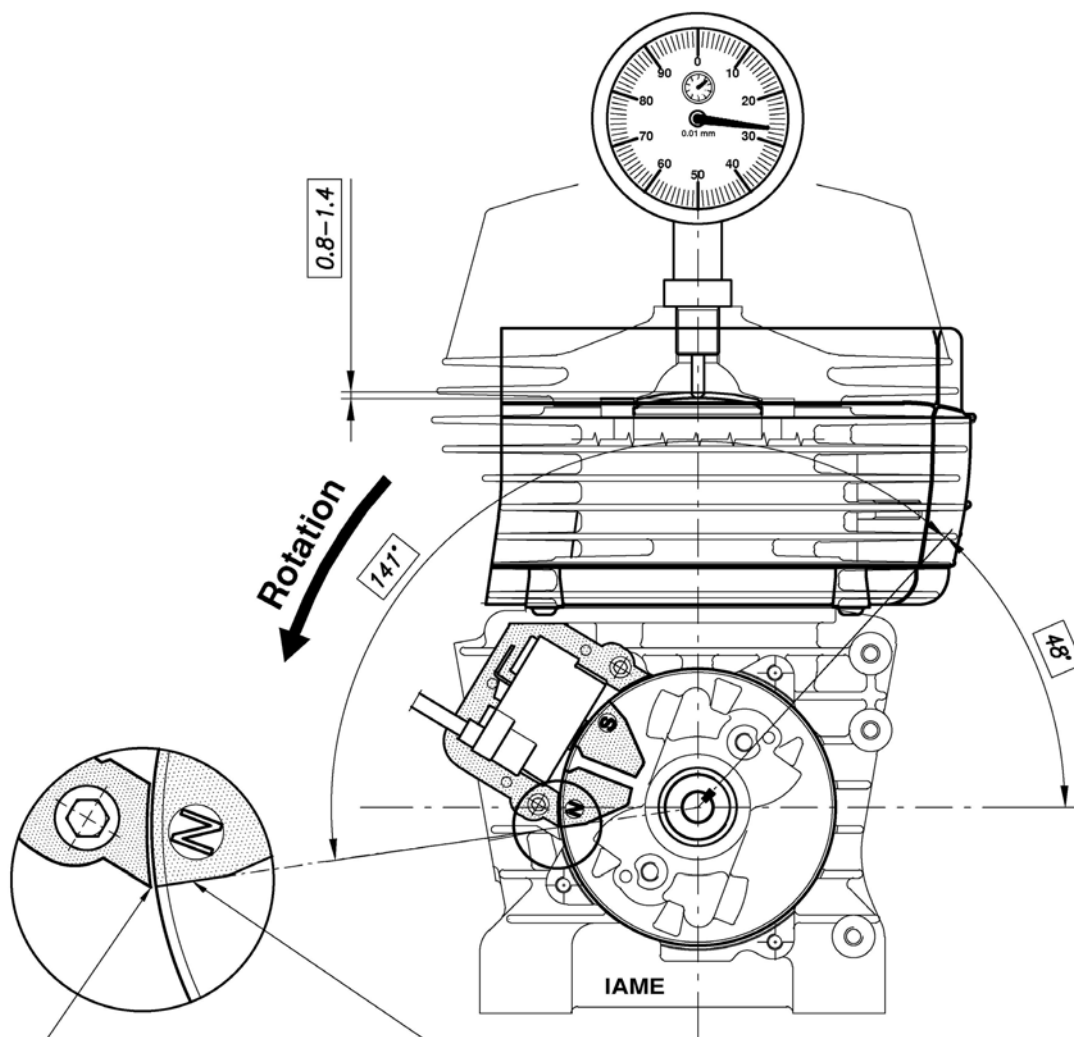
CADETTI CLASS - H.T. COIL PHOTO IDENTIFICATION MARKING – cod. A-61959N



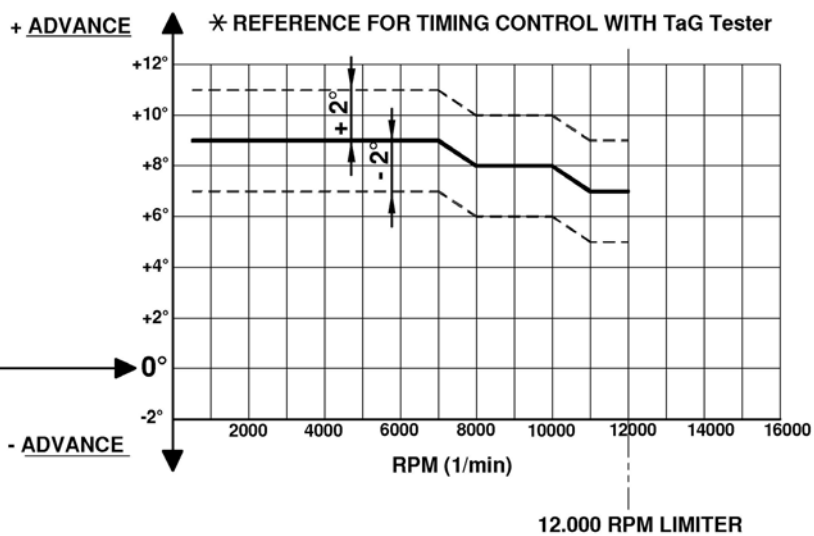
MINI CLASS - H.T. COIL PHOTO IDENTIFICATION MARKING – cod. A-61959R



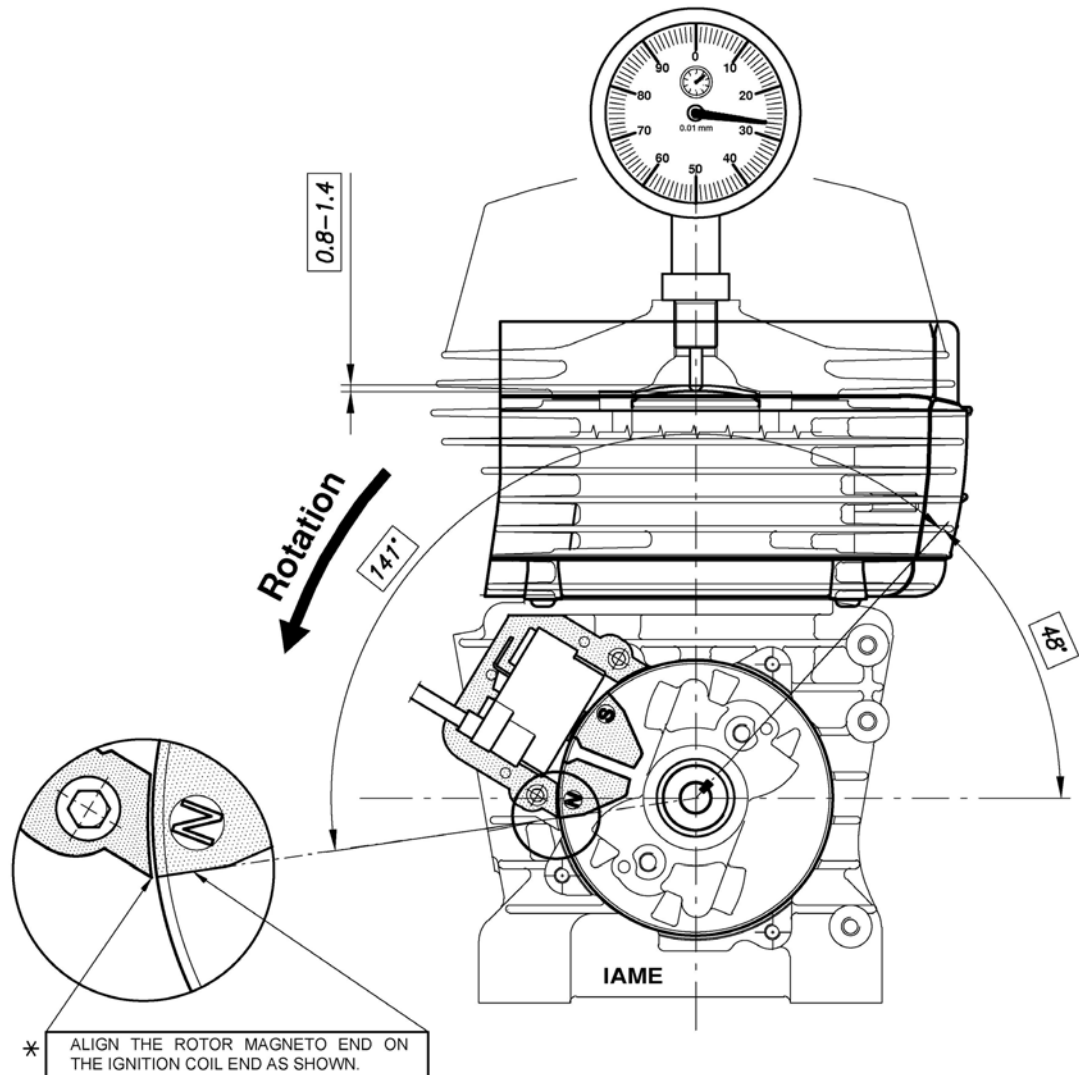
SCHEME FOR ADVANCE CONTROL – CADETTI CLASS



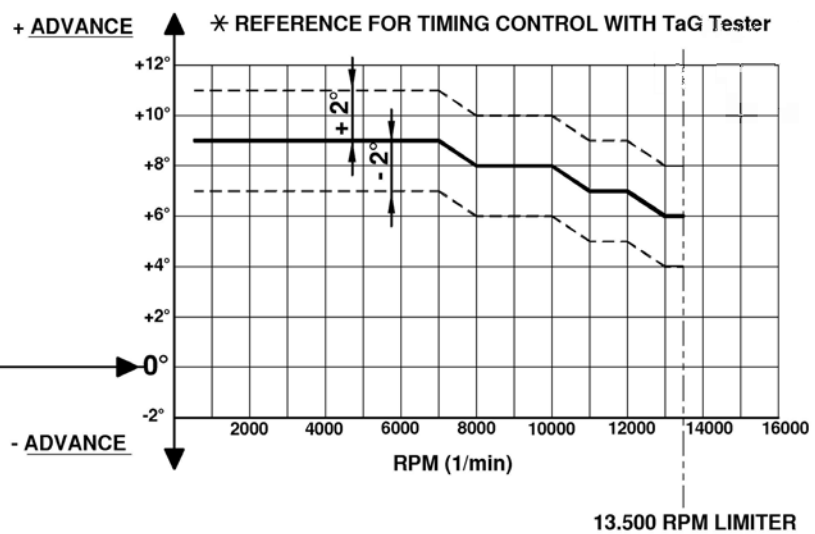
ADVANCE CURVE GRAPHS



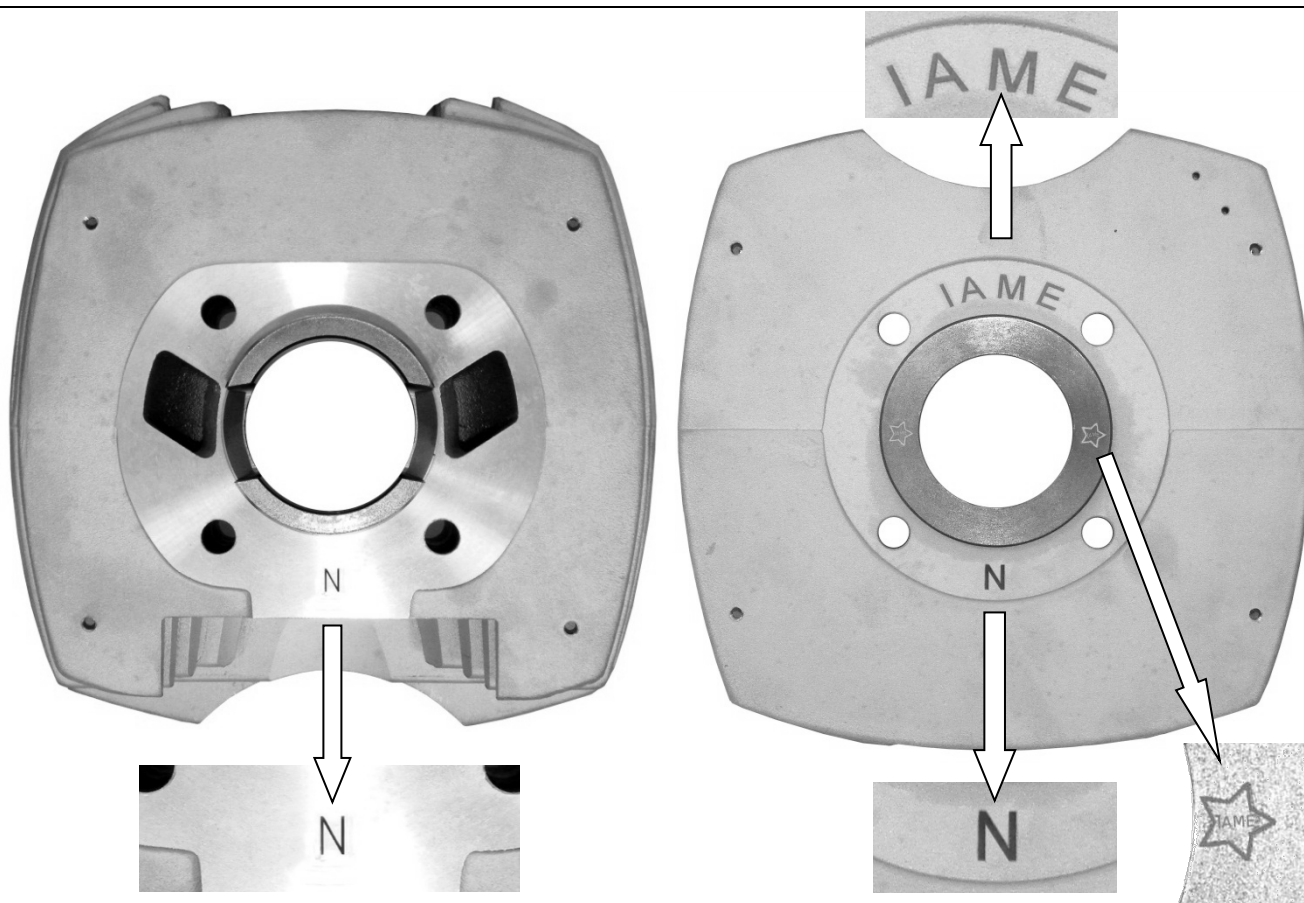
SCHEME FOR ADVANCE CONTROL – MINI CLASS



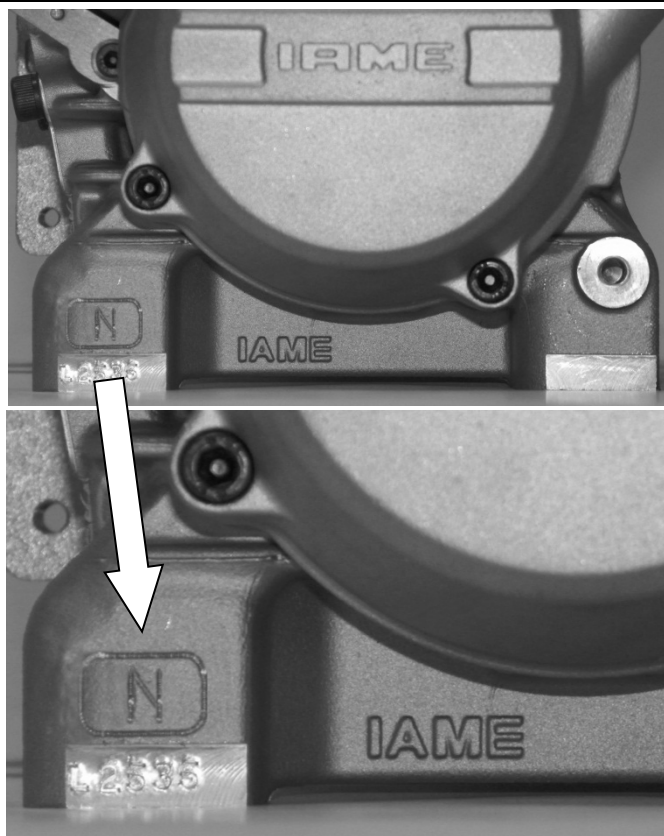
ADVANCE CURVE GRAPHS



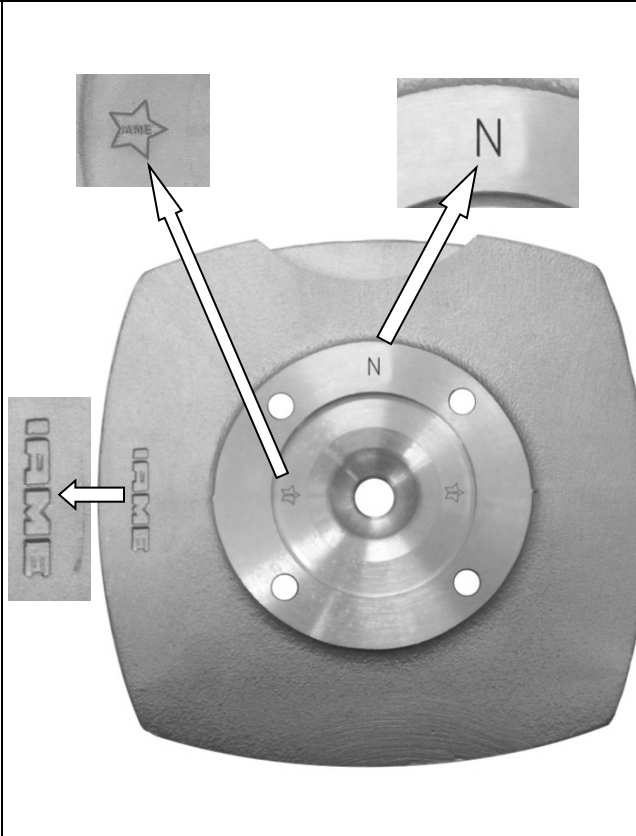
CYLINDER IDENTIFICATION MARKING

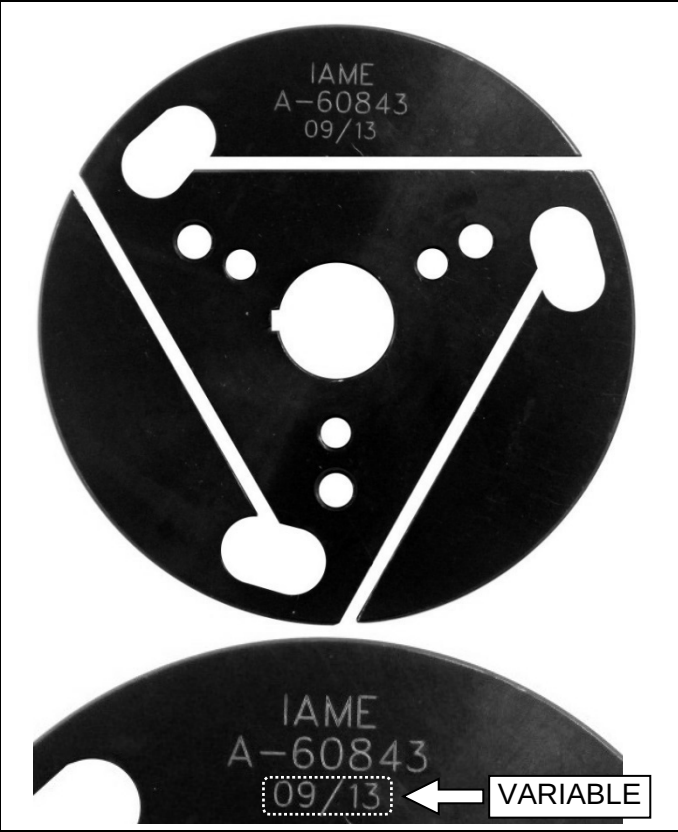
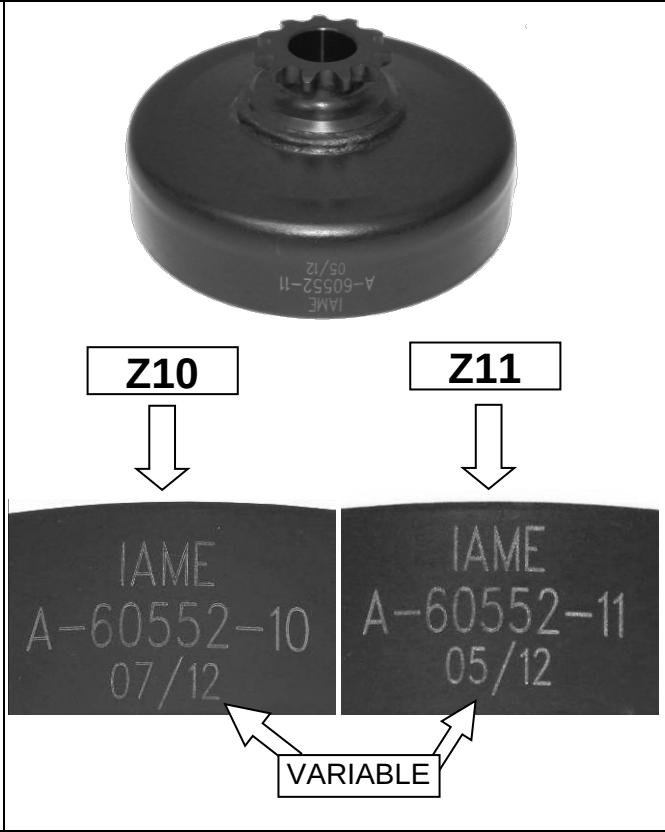


CRANKCASE IDENTIFICATION MARKING

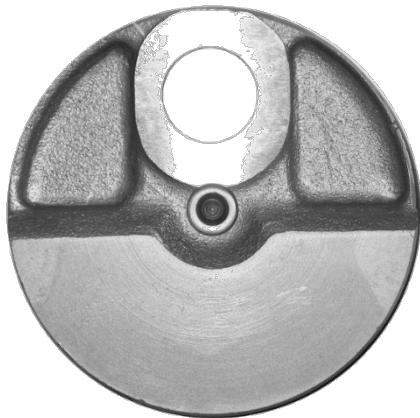


HEAD IDENTIFICATION MARKING



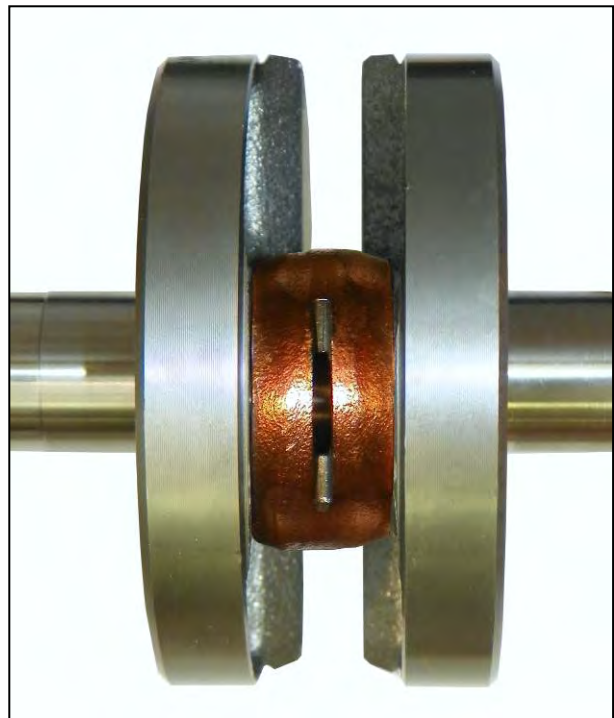
EXHAUST IDENTIFICATION MARKING	CONROD / PISTON IDENTIFICATION MARKINGS
 The image shows a black exhaust pipe and manifold. An arrow points from the pipe to a close-up of the manifold, which has the 'IAME' logo stamped on it.	 The image shows a conrod and a piston. An arrow points to the conrod, which has 'IAME' stamped on it. Another arrow points to the piston, which also has 'IAME' stamped on it.
CLUTCH HUB IDENTIFICATION MARKING	CLUTCH DRUM IDENTIFICATION MARKING
 The image shows a clutch hub with the 'IAME' logo and 'A-60843 09/13' stamped on it. An arrow points to a close-up of the hub, which has the 'IAME' logo and 'A-60843 09/13' stamped on it. A box labeled 'VARIABLE' points to the date '09/13'.	 The image shows a clutch drum with the 'IAME' logo and 'A-60552-11 05/12' stamped on it. Two boxes labeled 'Z10' and 'Z11' point to the drum. Below the drum, two boxes show the 'IAME' logo and 'A-60552-10 07/12' and 'IAME' logo and 'A-60552-11 05/12' stamped on them. A box labeled 'VARIABLE' points to the date '05/12'.

CRANKSHAFT PHOTOS



CRANKSHAFT IDENTIFICATION MARKING

COMPLETE CRANKSHAFT DETAIL



BALL BEARING IDENTIFICATION MARKING



ALTERNATIVE CLUTCH DRUM PHOTO & IDENTIFICATION MARKING



PHOTO IDENTIFICATION OF CONROD – TYPES ALTERNATIVE

TYPE 1



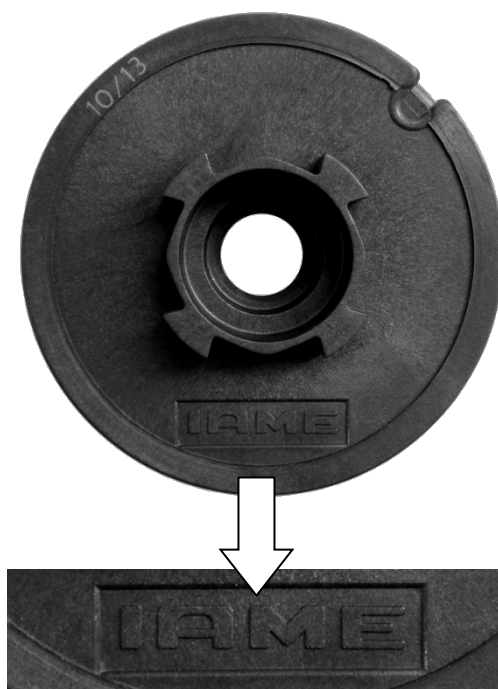
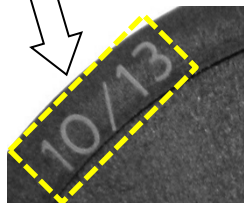
TYPE 2



PHOTO IDENTIFICATION OF PULLEY – TYPES ALTERNATIVE

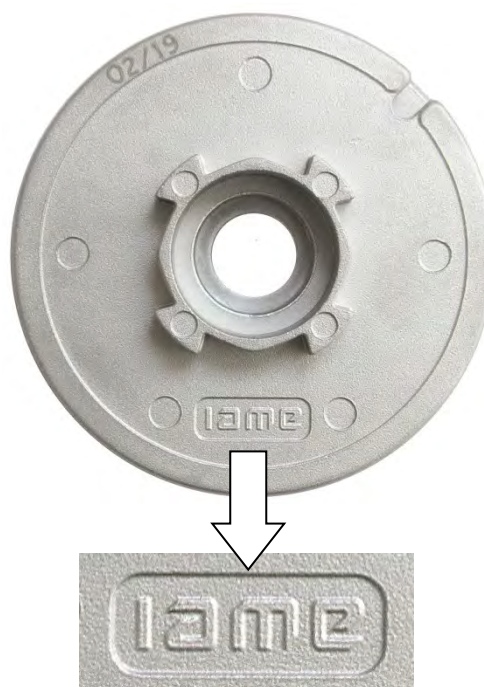
TYPE 1 - PLASTIC

VARIABLE



TYPE 2 - ALUMINUM

VARIABLE



ALTERNATIVE IGNITION ROTOR

TYPE 1



TYPE 2



COMPONENTS WITH ALTERNATIVE NEW LOGO "IAME"

CYLINDER HEAD



NEW LOGO



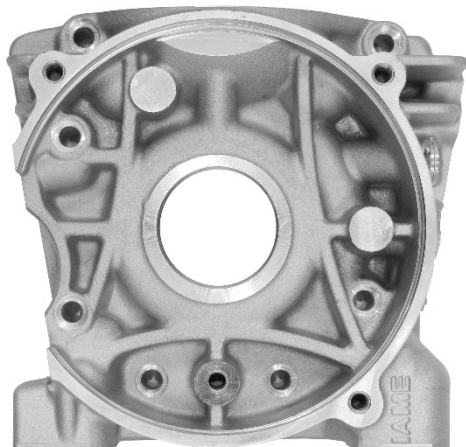
INLET FILTER



NEW LOGO



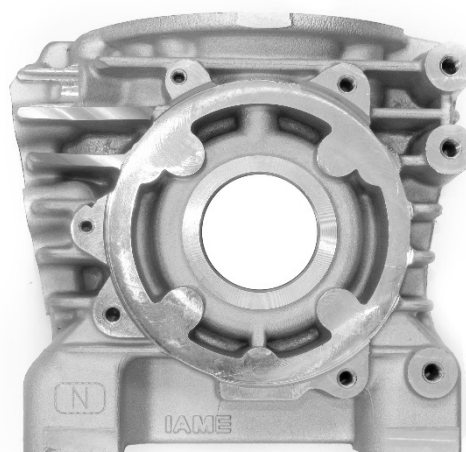
CRANKCASE TRANSMISSION SIDE



NEW LOGO



CRANKCASE IGNITION SIDE



NEW LOGO



COMPONENTS WITH ALTERNATIVE NEW LOGO "IAME"

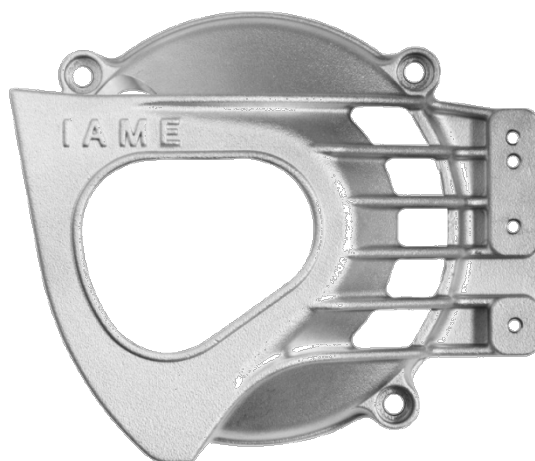
RECOIL COVER



NEW LOGO



CLUTCH COVER



NEW LOGO



EXHAUST



NEW LOGO



THE OTHER COMPONENTS OF ENGINE THAT ARE MARKED (LASER OR PUNCHING) UNTIL TODAY WITH LOGO OR WRITTEN "IAME"

I A M E

or

IAME

NOW COULD BE MARKED WITH NEW LOGO "IAME"

I a m e

or

Q I a m e

or

