

M1 60cc - PULL START

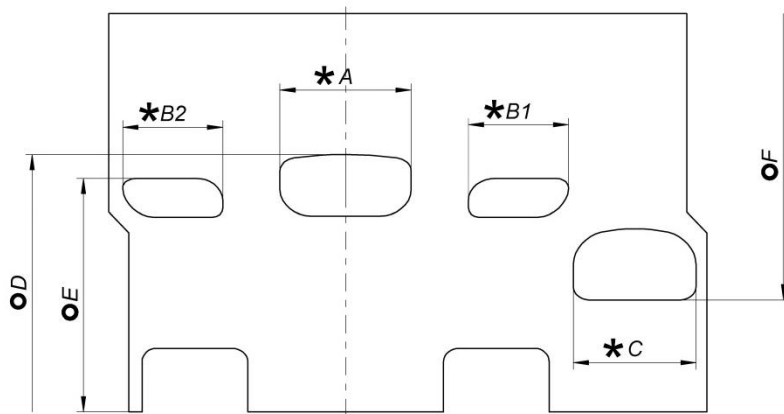


FEATURES - CARACTERISTIQUES

Cylinder volume <i>Volume du cylindre</i>	60.00 cm ³ max
Bore <i>Alésage</i>	41.80 mm
Max. theoretical bore <i>Alésage théorique max.</i>	41.97 mm
Stroke <i>Course</i>	43.35 mm max
Cooling system <i>Système de refroidissement</i>	Air
Inlet system <i>Système d'admission</i>	Piston Valve <i>Jupe de piston</i>
Number of carbs <i>Nombre de carburateurs</i>	1

Carburettor Tillotson <i>Carburateur Tillotson</i>	HS-323A	Cylinder/crankcase transfers n° <i>N° de canaux cylindre/carter</i>	2
Number of piston rings <i>Nombre de segments</i>	1	Inlet/exhaust ports <i>N° lumières admiss. / échapp.</i>	1 / 2
Big end conrod ball-bearing diameter <i>Diamètre palier tête de bielle</i>	18x24x15	Combustion chamber shape <i>Forme chambre de combustion</i>	Spherical <i>Sphérique</i>
Crankshaft ball-bearing diameter <i>Diamètre palier du vilebrequin</i>	20x47x14	Selettra ignition <i>Allumage Selettra</i>	Analogic Analogue Cod. A-61953-C
Small end conrod ball-bearing diameter <i>Diamètre palier pied de bielle</i>	12x16x16	Distance between Conrod centres <i>Longueur (entre axe) de la bielle</i>	96 mm

CYLINDER DEVELOPMENT - DEVELOPPEMENT DU CYLINDRE



A	27.5 ±0.2 mm
B1 = B2	21.7 ±0.4 mm
C	26 ±0.2 mm
D	151.5° max.
E	114.5° ±1.5°
F	141.5° max.

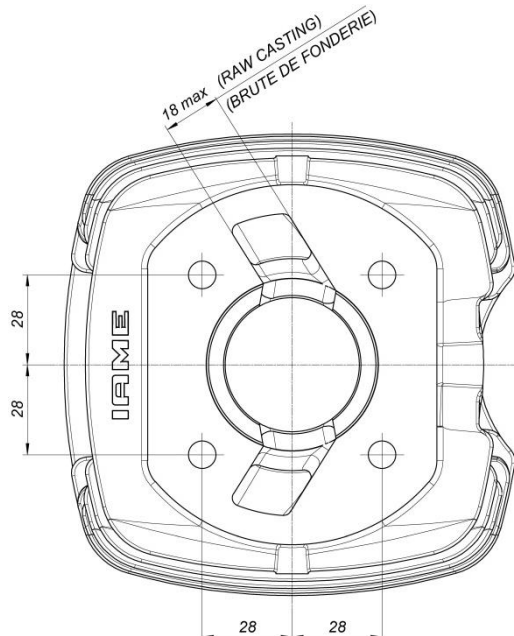
TOOL IAME Cod. 10194



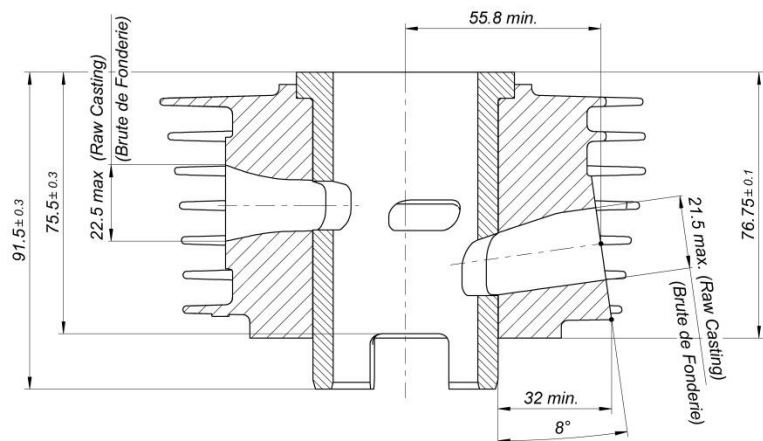
* CHORDAL READING / LECTURE CORDALE

○ ANGULAR READING BY INSERT A 0.2x5 mm GAUGE
LECTURE ANGULAIRE PAR INSERTION D'UNE CALE DE 0.2x5 mm
 USING IAME TOOL - UTILISER IAME OUTIL Cod. 10194

CYLINDER BASE VIEW VUE DE LA BASE DU CYLINDRE



CYLINDER CROSS SECTION VIEW VUE EN SECTION DU CYLINDRE



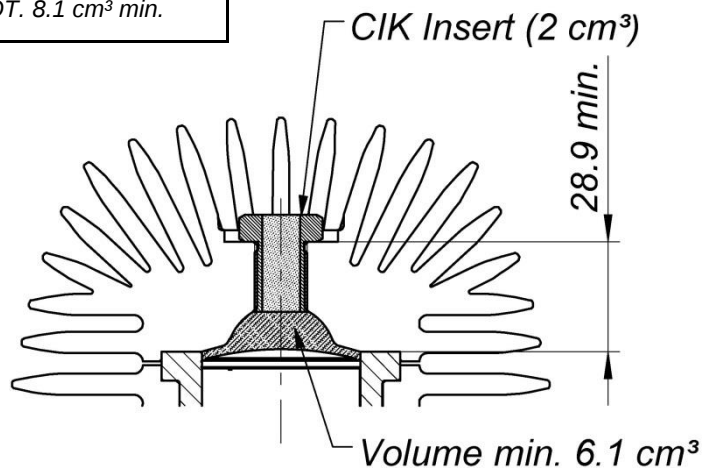
COMBUSTION CHAMBER VIEW - VUE DE LA CHAMBRE DE COMPRESSION

COMBUSTION CHAMBER VOLUME = 6.1 + 2 = TOT 8.1 cm³ min.
 VOLUME CHAMBRE COMBUSTION = 6.1 + 2 = TOT. 8.1 cm³ min.

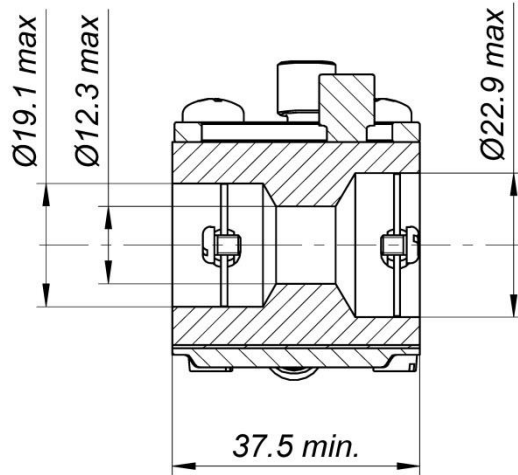
SQUISH MIN.= 1.8 mm
(measured with Ø2.0mm TIN)
 mesurée avec étang 2.0mm

Combustion chamber volume in the cylinder head
 (with Volumeter and CIK insert):
 Volume de la chambre de combustion dans la culasse
 (avec Volumeter et CIK insert):

7.1 cm³ min

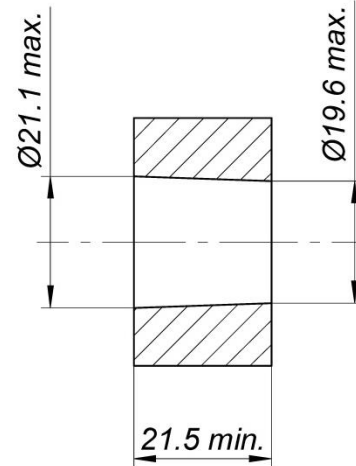


CARBURETTOR
CARBURATEUR



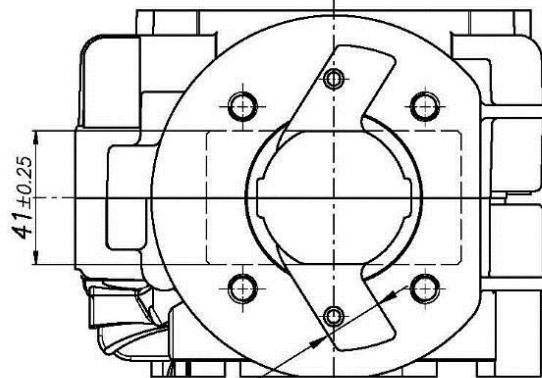
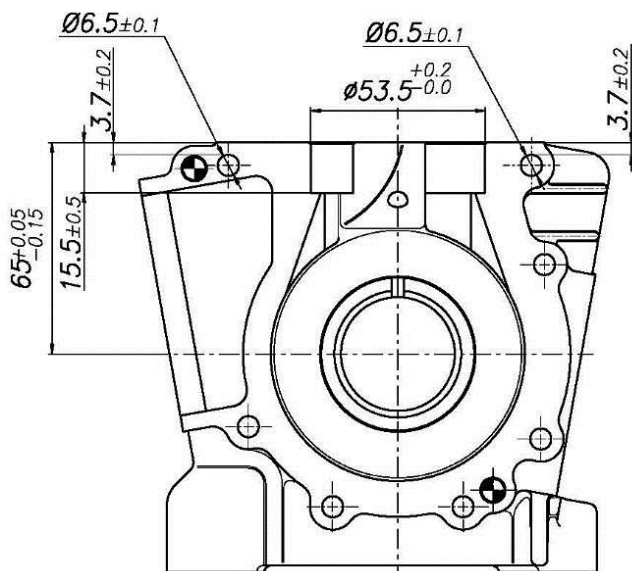
TILLOTSON MOD. HS-323A

THERMAL SPACER
ESPACEUR THERMIQUE

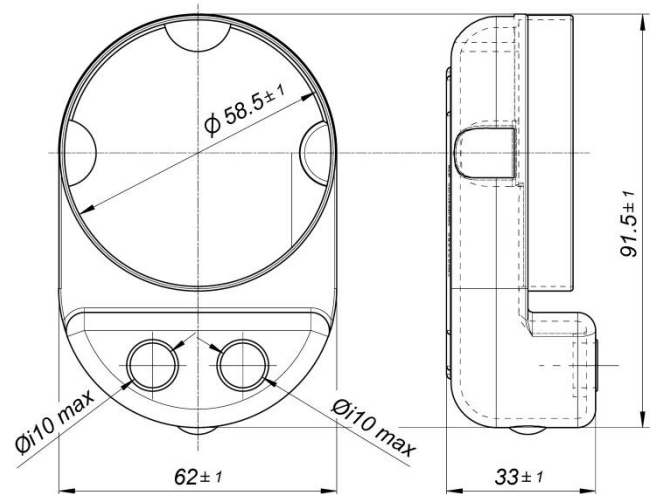


Q.ty: 1
Q.té

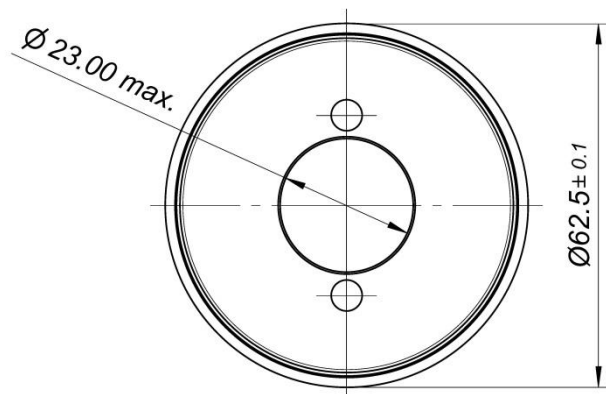
CRANKCASE INSIDE VIEW
VUE A' L'INTERIEUR DU CARTER



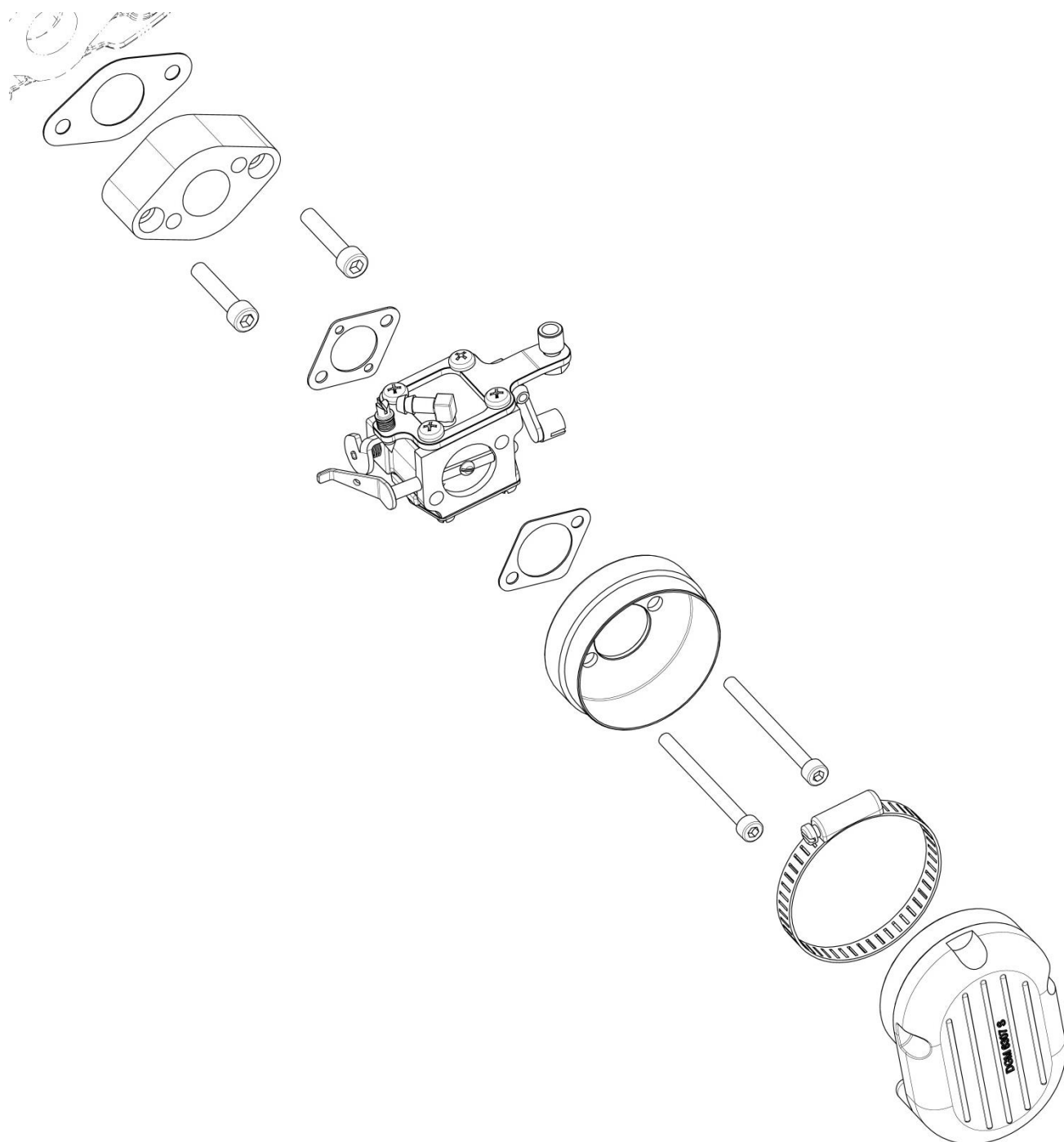
INLET SILENCER
SILENCIEUX D'ASPIRATION



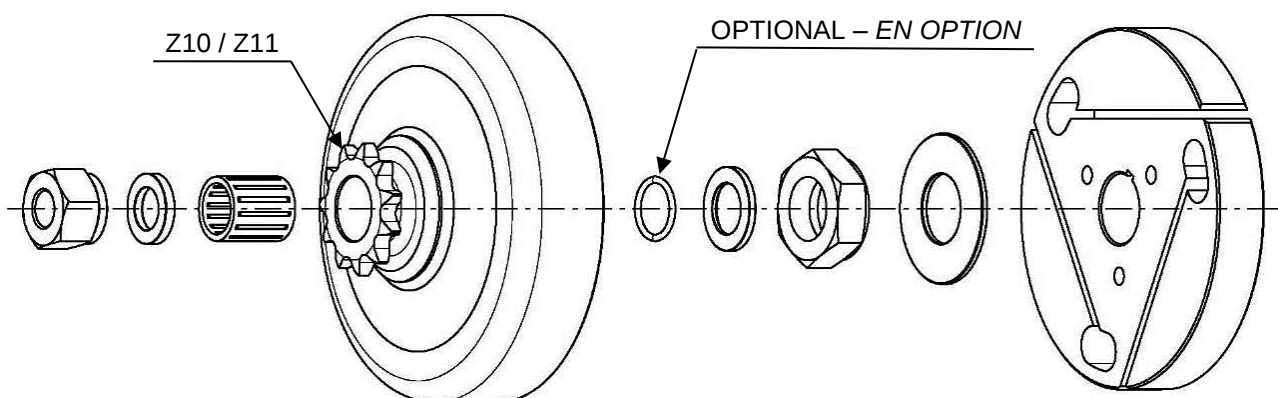
Inlet Silencers Flange
Flange du silencieux d'aspiration



INLET SYSTEM EXPLODED VIEW
VUE DU SYSTEME D'ADMISSION

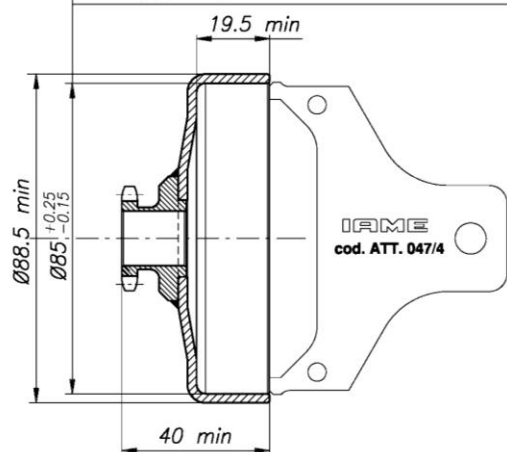


DESCRIPTION OF THE CLUTCH - DESCRIPTION DE L'EMBRAYAGE

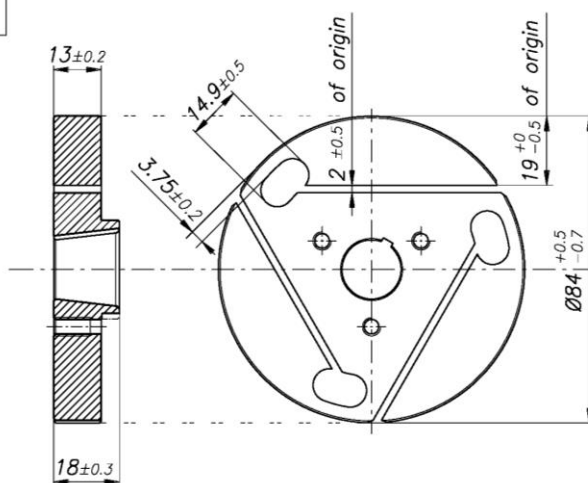


The template "N.P." must be used in multiple directions.
In case it happen that in a direction "PASS" and another,
"DO NOT PASS", the clutch drum is considered regular.

Le gabarit "N.P." Doit être utilisé dans de multiples directions.
Que dans le cas où il se produit dans une direction "PASSE"
et un autre, "NE PASSE PAS", considéré comme le tambour
d'embrayage est régulier.

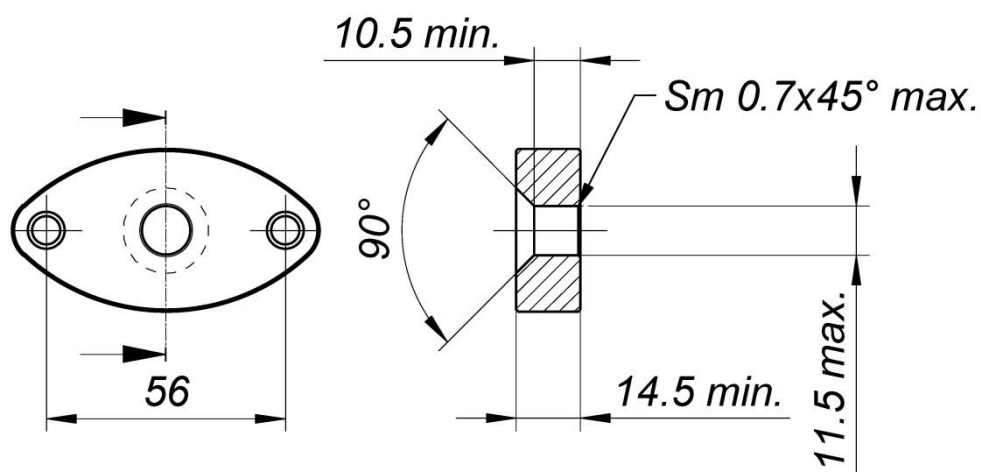


Min. Weight - Poids min.
210 g

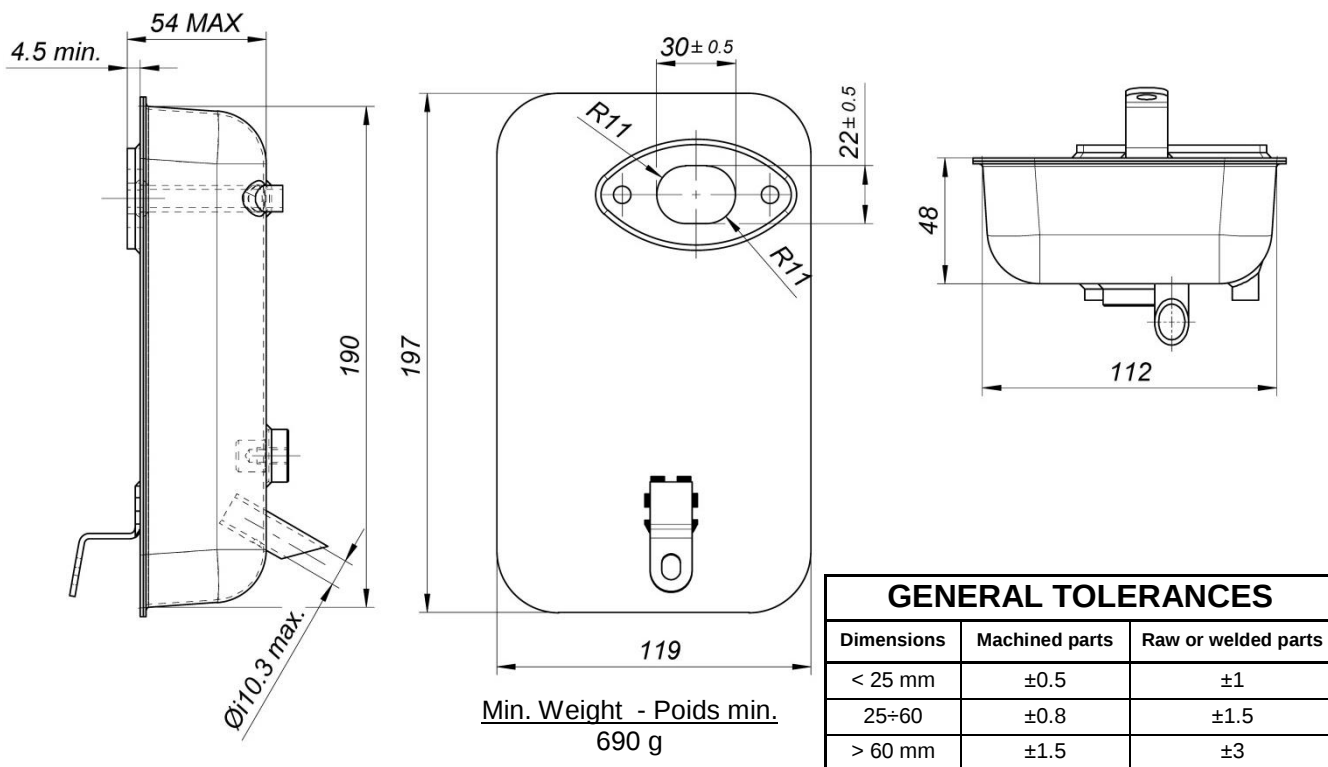


Min. Weight - Poids min.
445 g

EXHAUST MANIFOLD - RACCORD D'ECHAPPEMENT

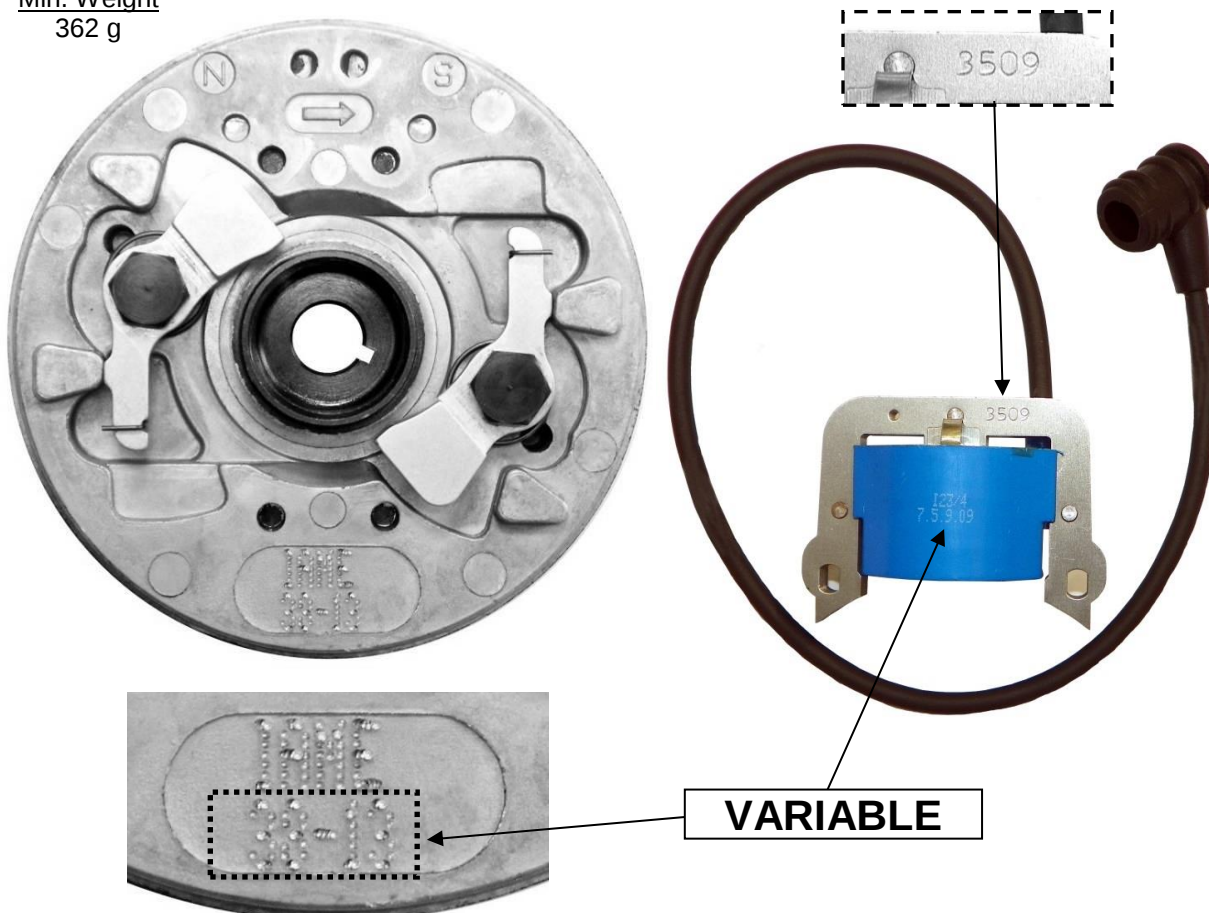


EXHAUST MUFFLER VIEW AND DIMENSIONS
VUE ET DIMENSIONS DU SILENCIEUX D'ÉCHAPPEMENT

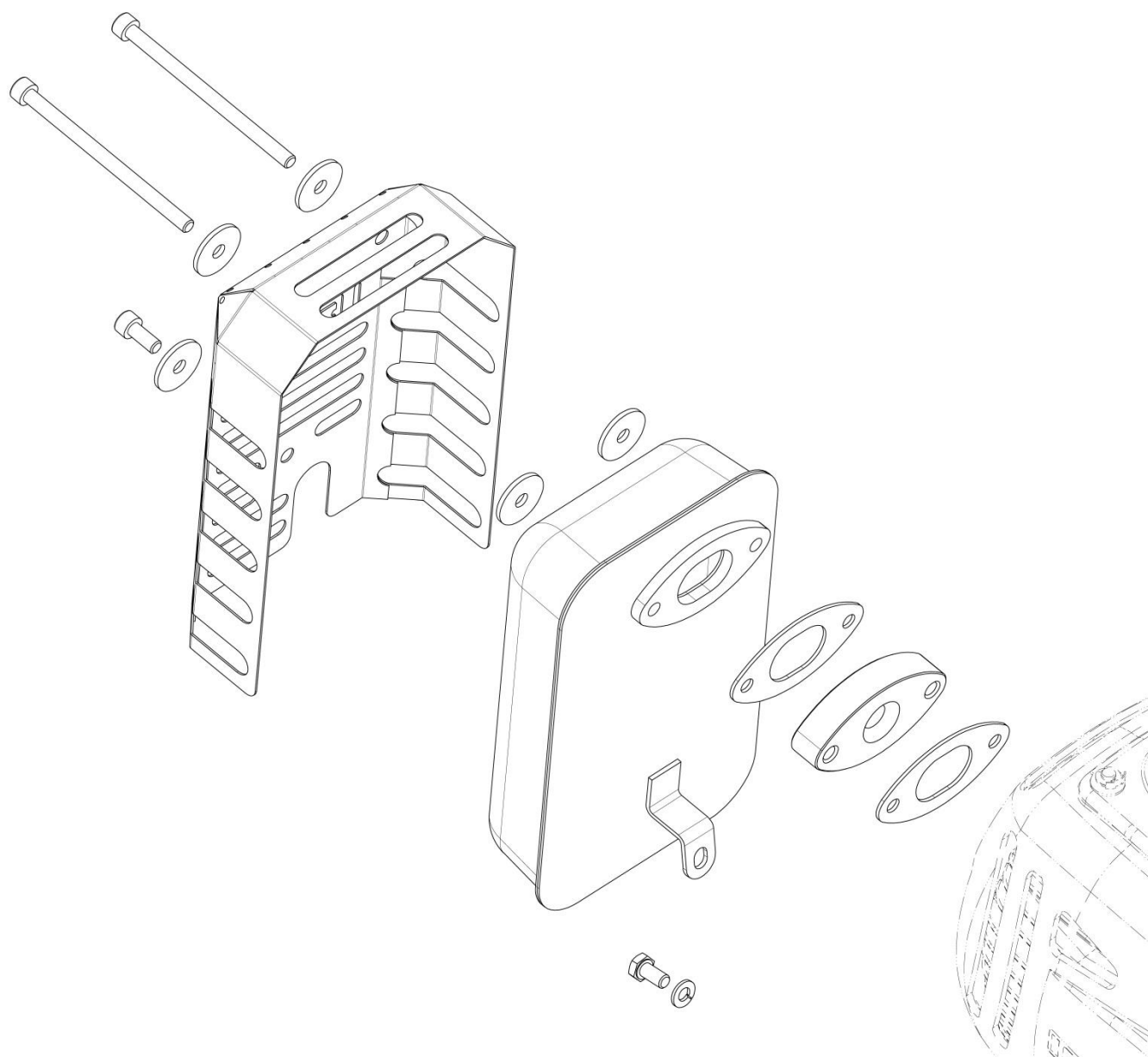


IGNITION PHOTO IDENTIFICATION MARKING
PHOTO MARQUAGE D'IDENTIFICATION ALLUMAGE

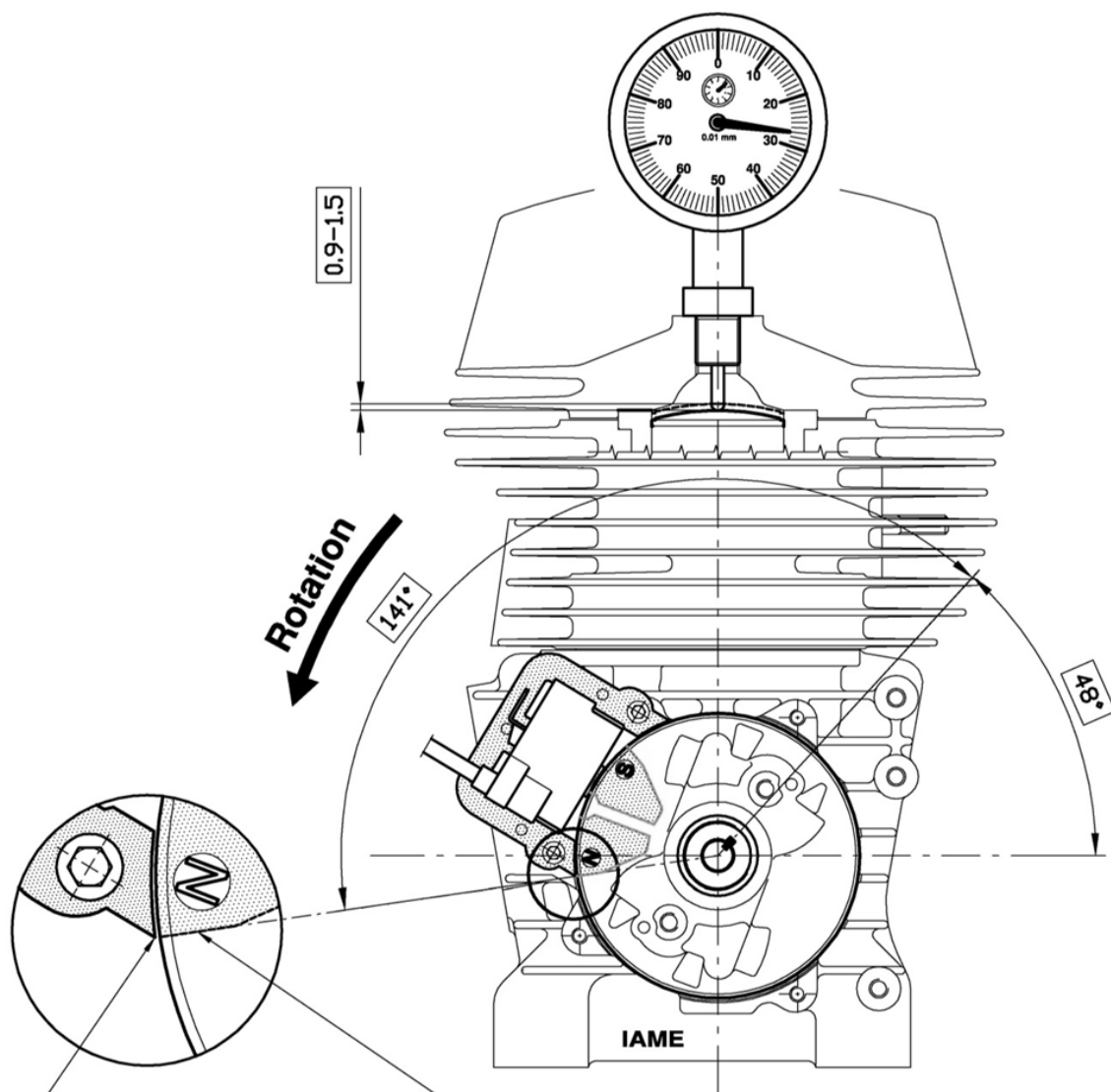
Min. Weight
362 g



EXHAUST SYSTEM EXPLODED VIEW
VUE DU SYSTEME D'ECHAPPEMENT

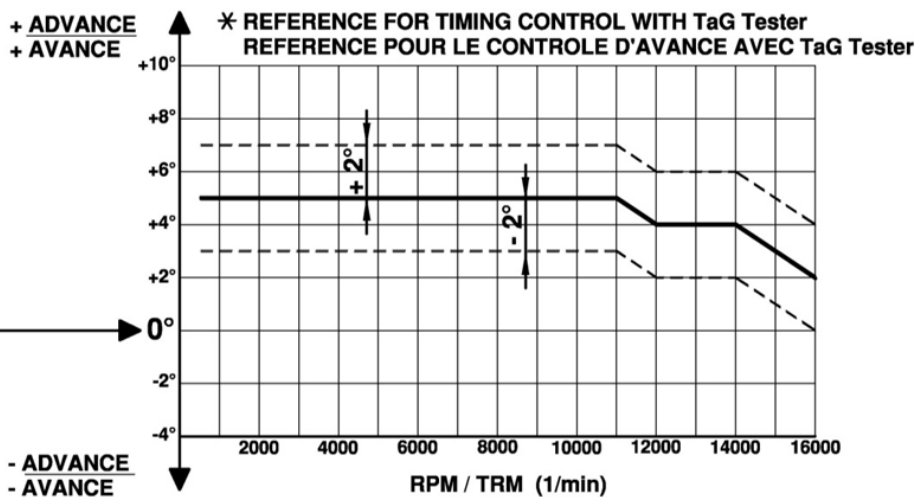


SCHEME FOR ADVANCE CONTROL - SCHEMA DE CONTROLE POUR L'AVANCE

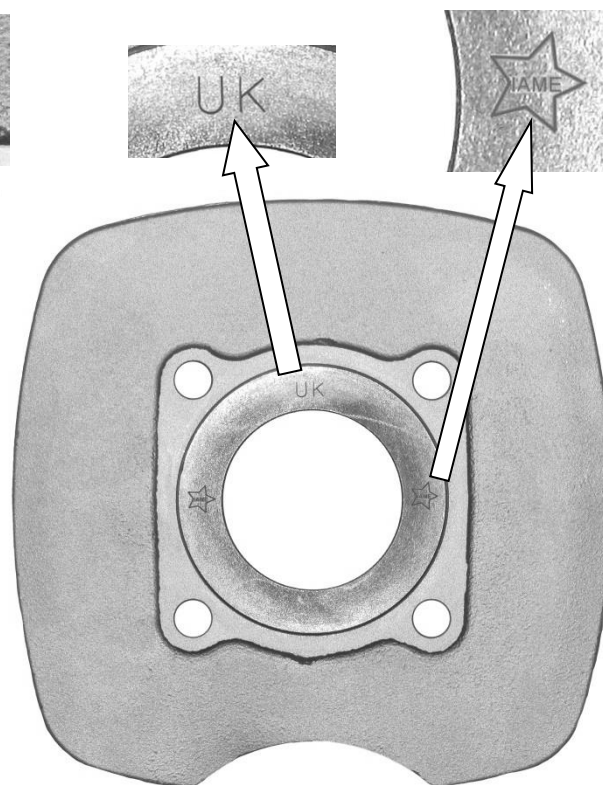
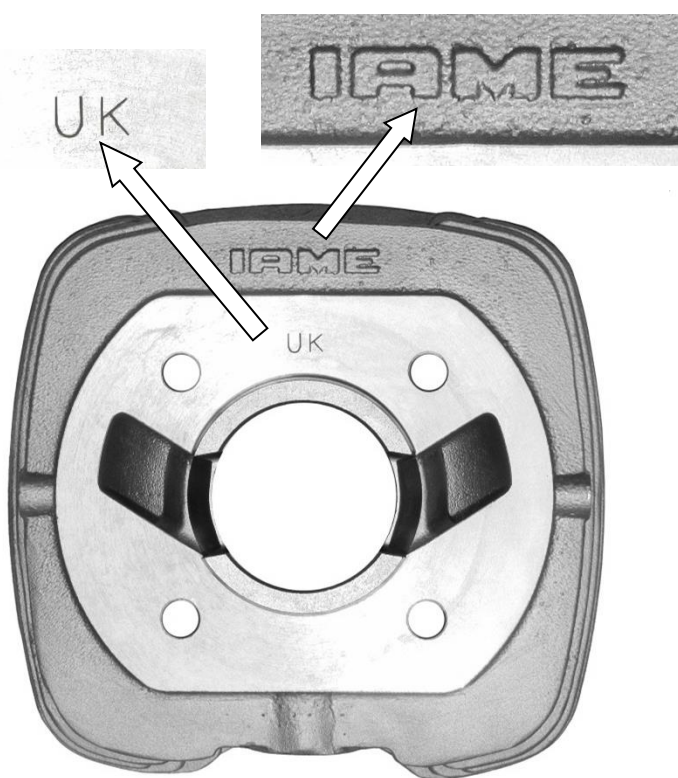


* ALIGN THE ROTOR MAGNETO END ON THE IGNITION COIL END AS SHOWN.
ALIGNER L'EXTREMITÉ DU MAGNETO DU ROTOR AVEC L'EXTREMITÉ DE LA BOBINE ALLUMAGE, COMME INDIQUE.

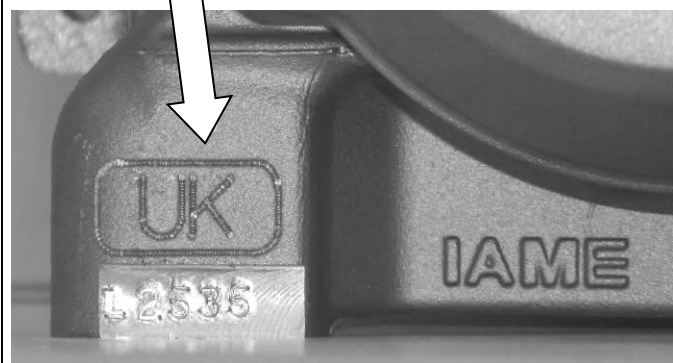
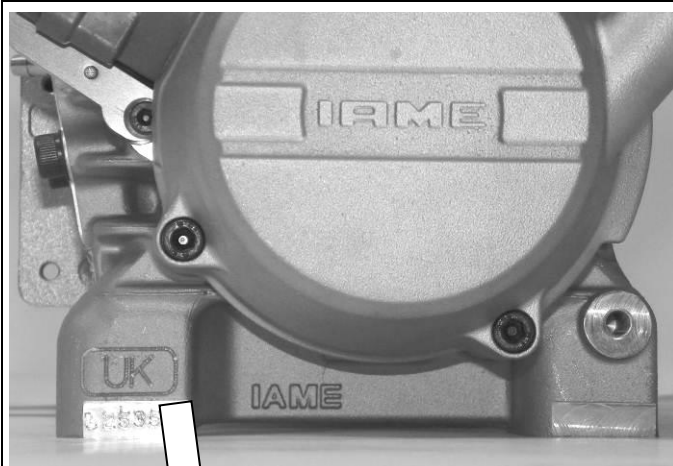
ADVANCE CURVE GRAPHS - GRAPHIQUES DE LA COURBE D'AVANCE



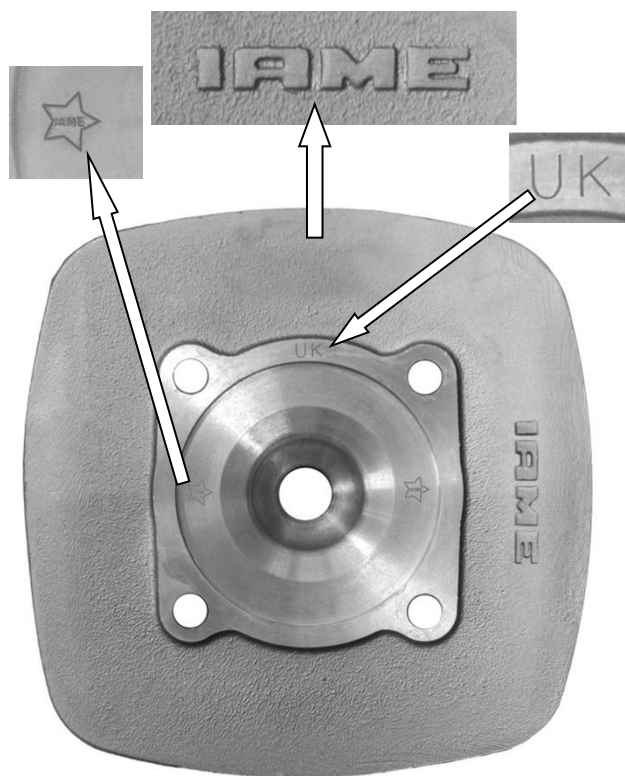
CYLINDER IDENTIFICATION MARKING
MARQUAGE D'IDENTIFICATION DU CYLINDRE



CRANKCASE IDENTIFICATION MARKING
MARQUAGE D'IDENTIFICATION CARTER



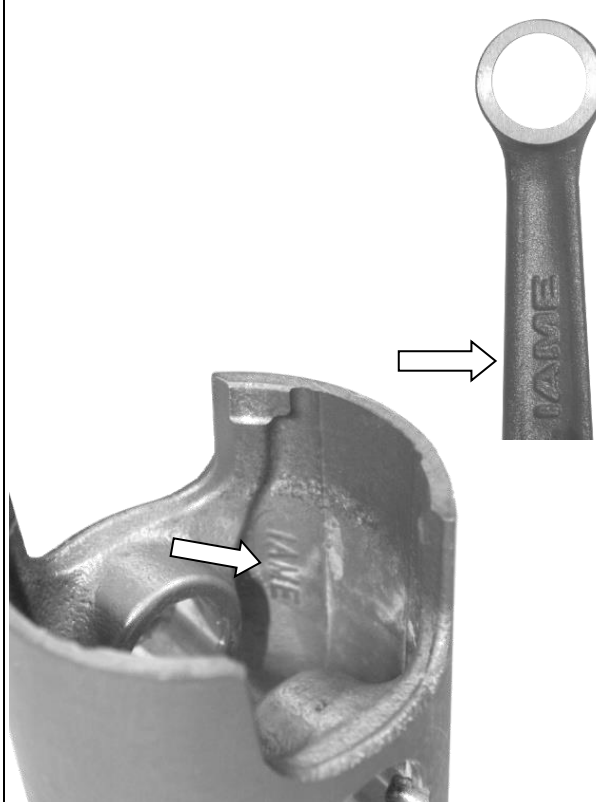
CYLINDER HEAD IDENTIFICATION MARKING
MARQUAGE D'IDENTIFICATION CULASSE



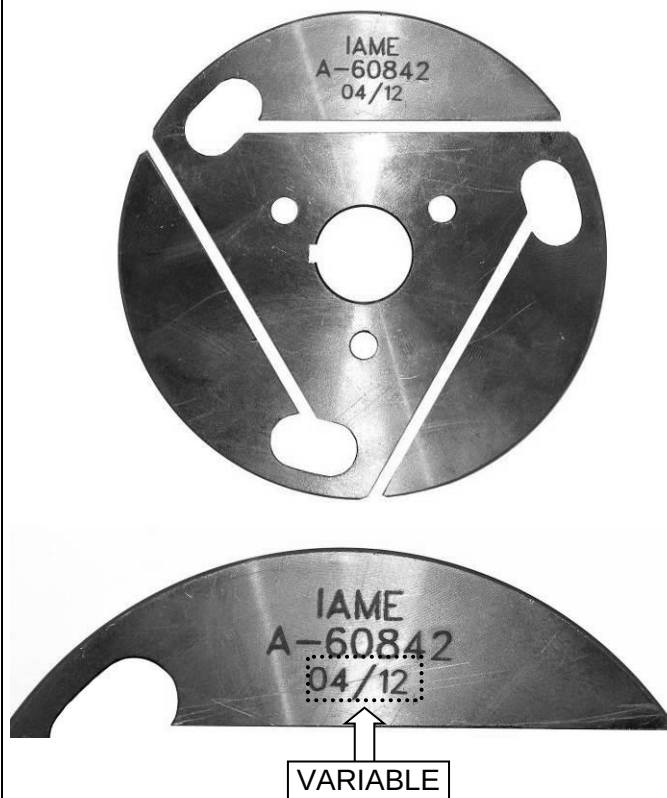
EXHAUST IDENTIFICATION MARKING
MARQUAGE D'IDENTIFICATION
ECHAPPEMENT



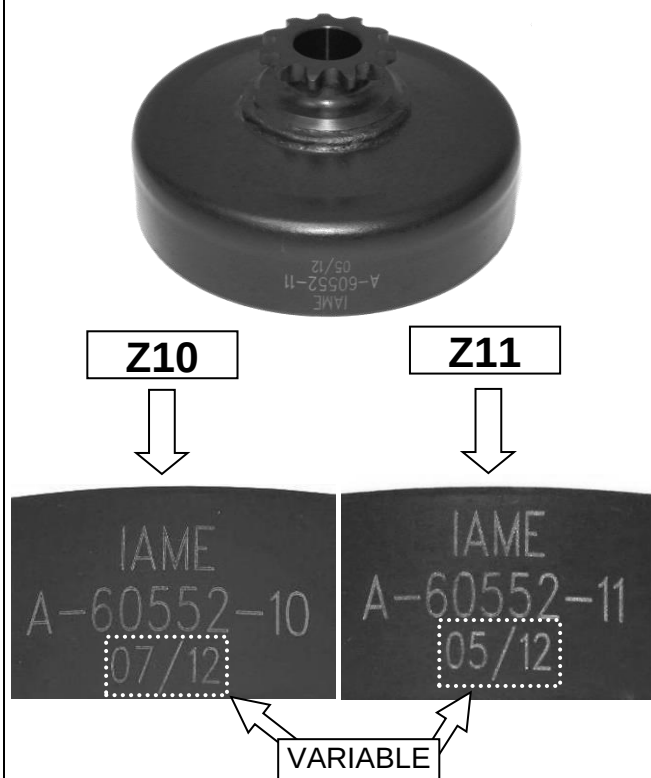
CONROD / PISTON IDENTIFICATION
MARKINGS
MARQUAGE D'IDENTIFICATION
BIELLE / PISTON



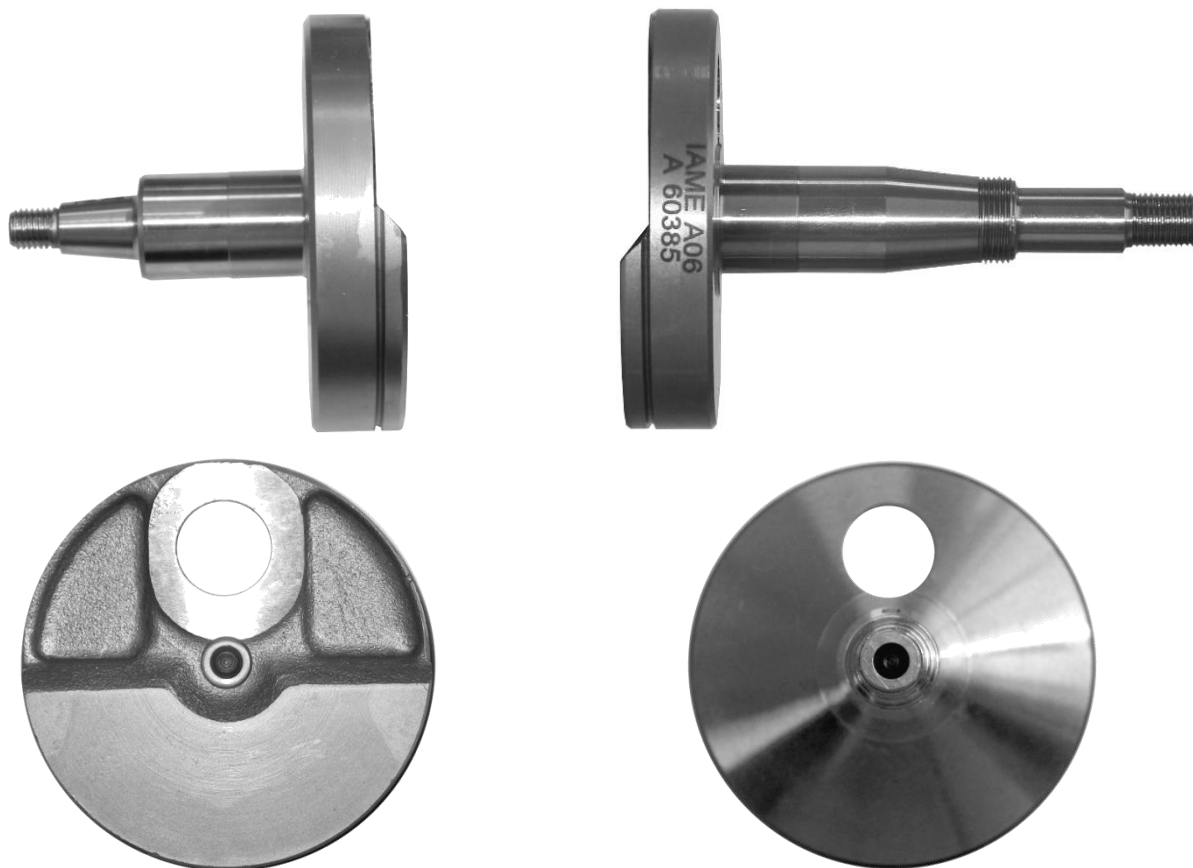
CLUTCH HUB IDENTIFICATION MARKING
MARQUAGE D'IDENTIFICATION CORPS DE
EMBRAYAGE



CLUTCH DRUM IDENTIFICATION
MARKING
MARQUAGE D'IDENTIFICATION DE LA
CALOTTE



CRANKSHAFT PHOTOS – PHOTO DU VILEBREQUIN



CRANKSHAFT IDENTIFICATION MARKINGS
MARQUAGE D'IDENTIFICATION DU
VILEBREQUIN

PARTICULAR OF COMPLETE
CRANKSHAFT DETAIL DU VILEBREQUIN
COMPLET



ALTERNATIVE CLUTCH DRUM - CALOTTE ALTERNATIVE



Z10

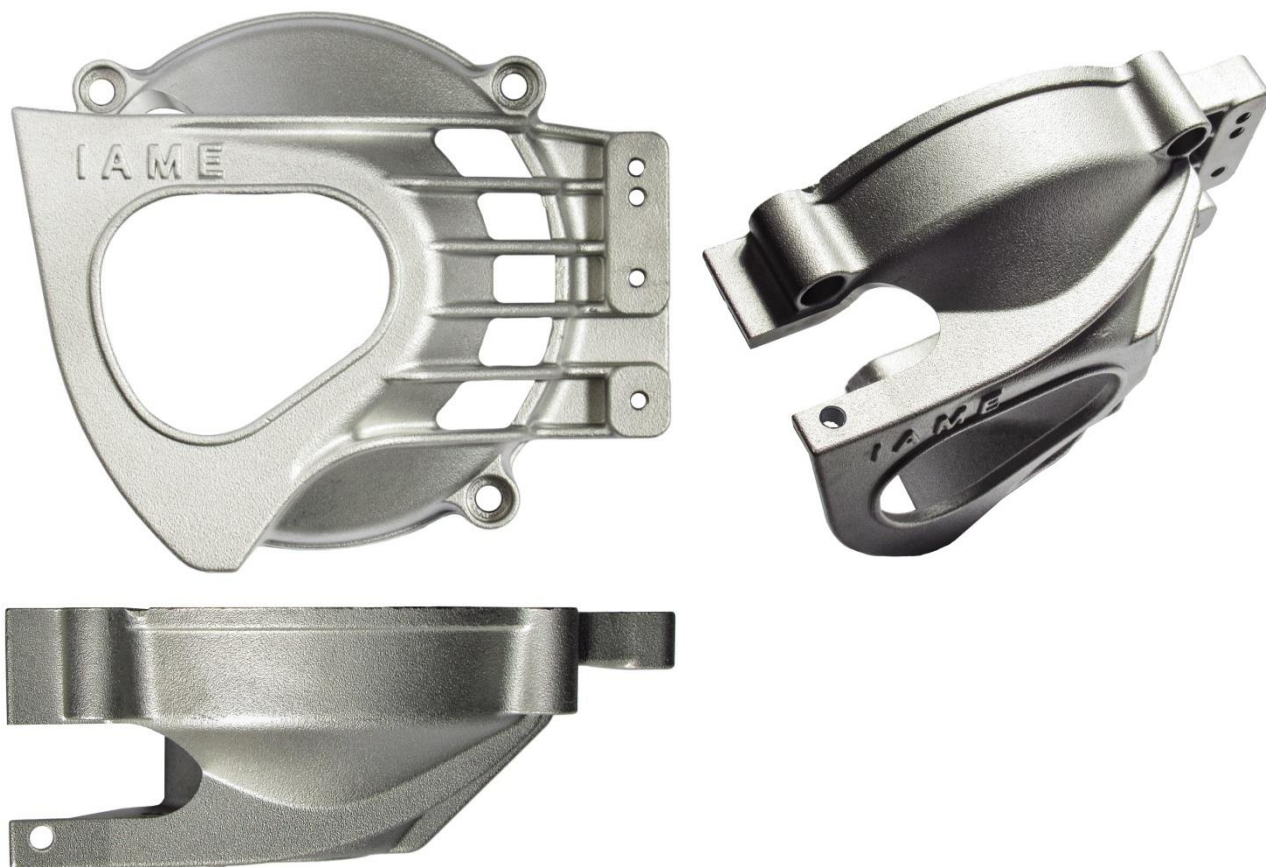


Z11



VARIABLE

ALTERNATIVE CLUTCH COVER – COUVERCLE DU EMBRAYAGE ALTERNATIVE



PULLEY PHOTO IDENTIFICATION MARKING
MARQUAGE D'IDENTIFICATION DU POULIE

