

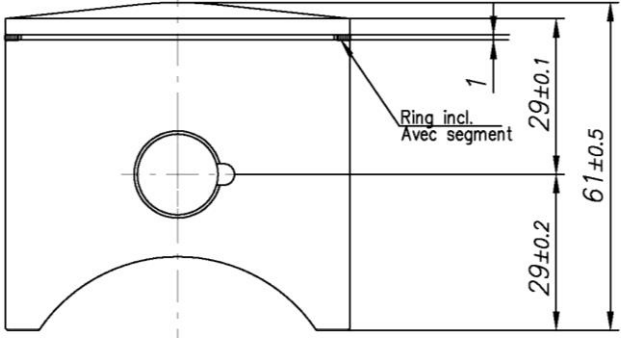
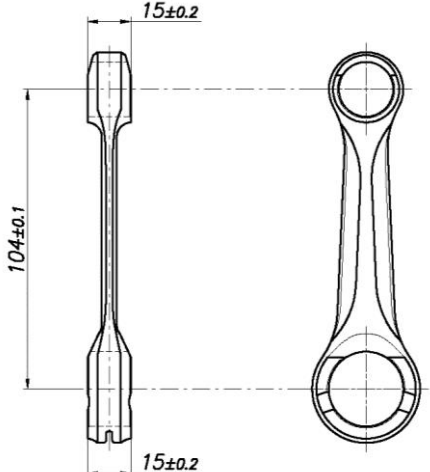
X30 SUPER 175cc RL TaG



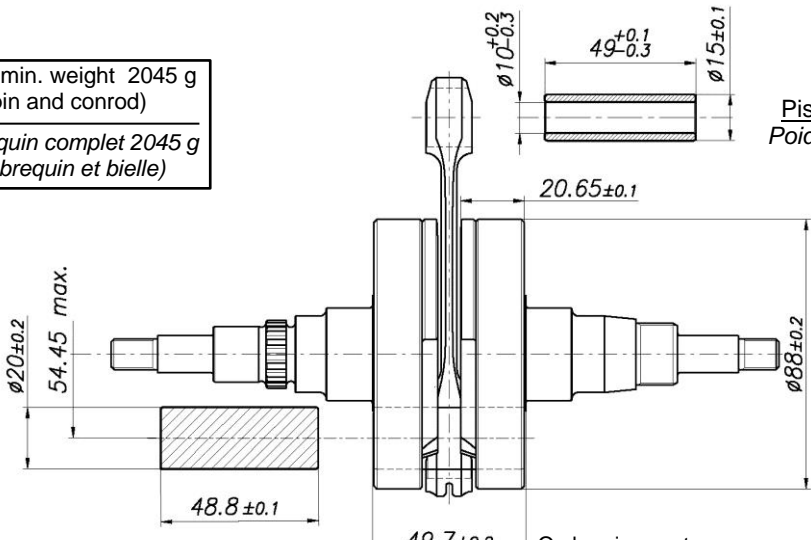
FEATURES - CARACTERISTIQUES

Cylinder volume <i>Volume du cylindre</i>	174.56 cm ³ (175.5 cm ³ max.)
Bore <i>Alésage</i>	63.92 mm
Max. theoretical bore <i>Alésage théorique max.</i>	64.06 mm
Stroke <i>Course</i>	54.40 mm
Cooling system <i>Système de refroidissement</i>	Water
Inlet system <i>Système d'admission</i>	Reed valve

Carburettor <i>Carburateur</i>	Tillotson HB-10A (Ø34mm)	Cylinder/crankcase transfers n° <i>N° de canaux cylindre / carter</i>	5 / 3
Number of piston rings <i>Nombre de segments</i>	1	Inlet / exhaust ports number <i>N° lumières admiss. / échapp.</i>	5 / 3
Crankshaft bearing diam. <i>Diamètre palier du vilebrequin</i>	30x62x16 (2Pc.)	Combustion chamber shape <i>Forme chambre de combustion</i>	Spherical <i>Spherique</i>
Big end conrod bearing diam. <i>Diamètre palier tête de bielle</i>	20x26x15	Selettra ignition <i>Allumage Selettra</i>	Digital S
Small end conrod bearing diam. <i>Diamètre palier pied de bielle</i>	15x19x20	RPM limiter <i>Limiteur de vitesse</i>	Yes <i>Oui</i>
Distance between conrod centers <i>Longueur (entre axe) de la bielle</i>	104 mm	Centrifugal Dry Clutch <i>Embrayage Centrifuge à sec</i>	Yes <i>Oui</i>
Balancing shaft <i>Arbre d'équilibrage de vilebr.</i>	Yes	Electric starter <i>Démarrateur électrique</i>	Yes <i>Oui</i>

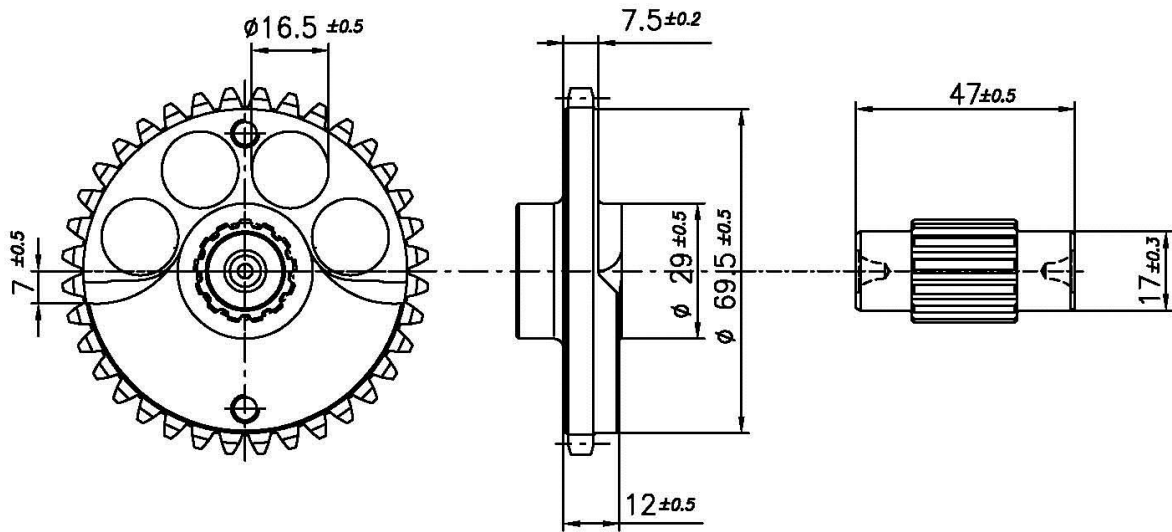
DESCRIPTION OF THE MATERIAL DESCRIPTION DES MATERIAUX		PISTON
Conrod material <i>Matériel de la bielle</i>	Steel <i>Acier</i>	 <p>Piston min. weight (ring incl.) 162 g Poids Min. (avec segment) 162 g</p>
Crankshaft material <i>Matériel du vilebrequin</i>	Steel <i>Acier</i>	
Balancing shaft material <i>Matériel de l'arbre d'équilibrage</i>	Steel <i>Acier</i>	
Gears material <i>Matériel des engrenages</i>	Steel <i>Acier</i>	
Starter ring material <i>Matériel de la couronne démarr.</i>	Steel <i>Acier</i>	
Cylinder head material <i>Matériel de la culasse</i>	Aluminium	
Cylinder material <i>Matériel du cylindre</i>	Aluminium	 <p>Min. weight 117 g Poids Min. 117 g</p>
Liner material <i>Matériel de la chemise</i>	Cast iron <i>Fonte</i>	
Crankcase material <i>Matériel du carter</i>	Aluminium	
Piston material <i>Matériel du piston</i>	Aluminium	
Piston ring material <i>Matériel du segment</i>	Steel <i>Acier</i>	
Exhaust muffler material <i>Matériel du pot d'échappement</i>	Sheet-steel <i>Tôle acier</i>	

CRANKSHAFT VILEBREQUIN

<p>Complete crankshaft min. weight 2045 g (included crankpin and conrod)</p> <p>Poids min. du vilebrequin complet 2045 g (inclus axe de vilebrequin et bielle)</p>		<p>Piston pin min. weight 34 g Poids min. axe de piston 34 g</p>
<p>Crankpin min. weight 116 g Poids min. axe de vilebrequin 116 g</p>	<p>On bearing seat Siege du roulements</p>	

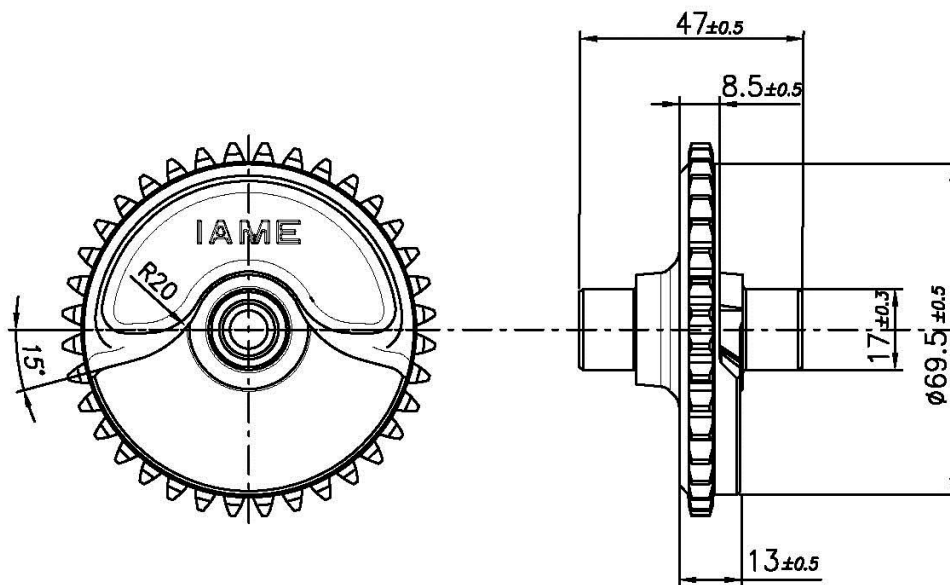
BALANCING SHAFT - ARBRE D' EQUILIBRAGE

TYPE 1



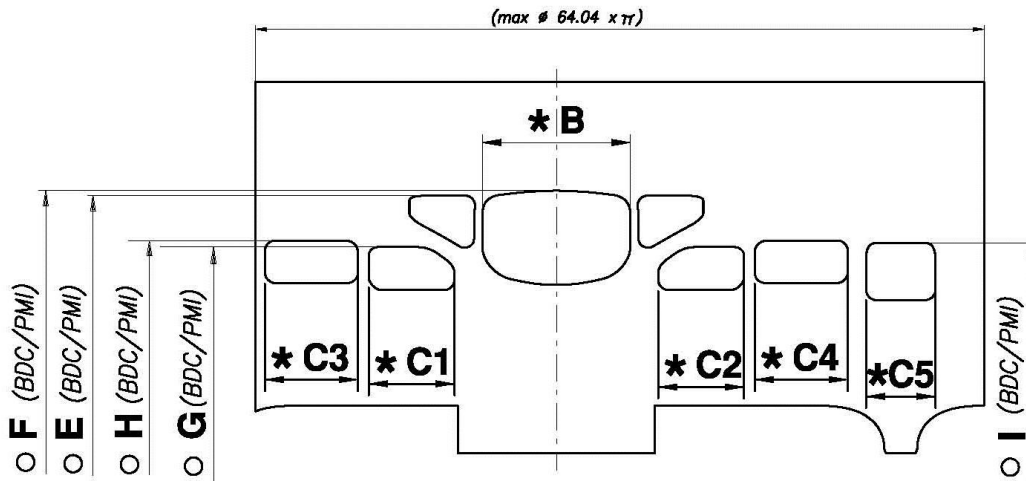
Tot. Min. weight 332 g
Poids min. tot. 332 g

TYPE 2



Tot. Min. weight 320 g
Poids min. tot. 320 g

CYLINDER DEVELOPMENT - DEVELOPPEMENT DU CYLINDRE

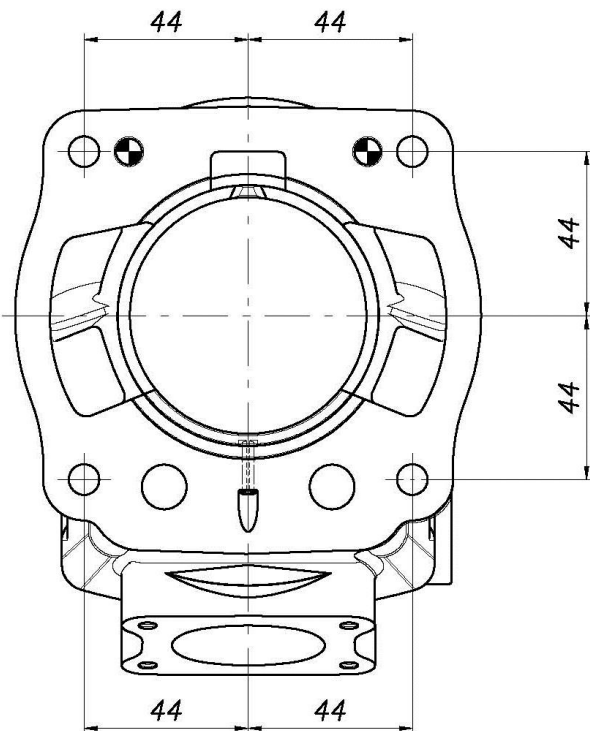


B	≤ 40.5 mm
C1 = C2	≤ 25 mm
C3 = C4	≤ 27 mm
C5	≤ 20.5 mm
E	182.0° ±2°
F	186.0° ±2°
G	125° ±2°
H	128° ±2°
I	124.5° ±2°

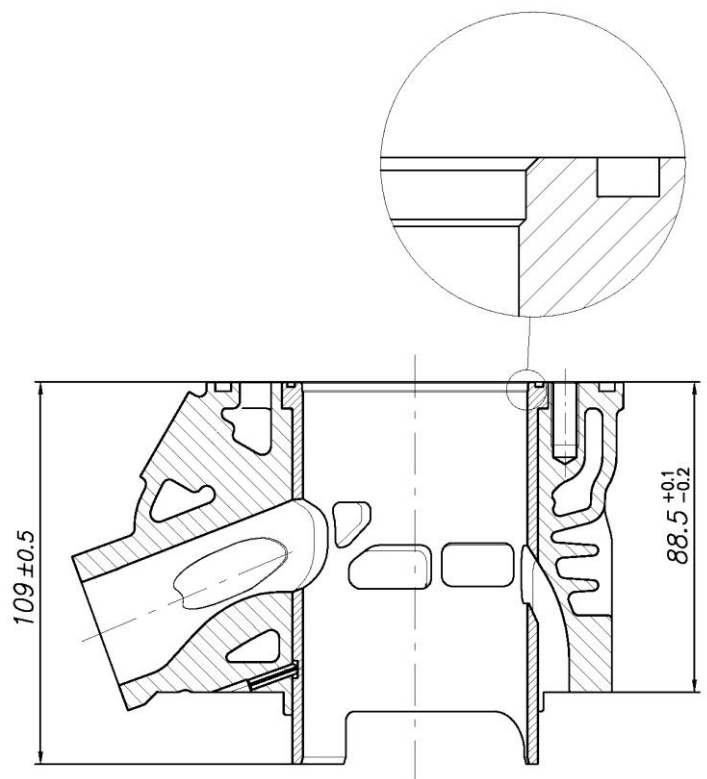
* CHORDAL READING
LECTURE CORDALE

○ ANGULAR READING BY INSERTING A 0.2x5 mm GAUGE
LECTURE ANGULAIRE PAR INSERTION D'UNE CALE DE 0.2x5 mm

CYLINDER BASE VIEW
VUE DE LA BASE DU CYLINDRE

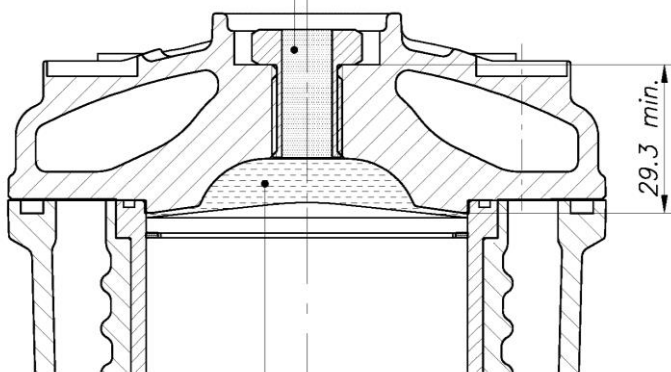


CYLINDER CROSS SECTION VIEW
VUE EN SECTION DU CYLINDRE



COMBUSTION CHAMBER VIEW
VUE DE LA CHAMBRE DE COMBUSTION

(Volume 2 cm³)
(Plot a' Insert 2 cm³)

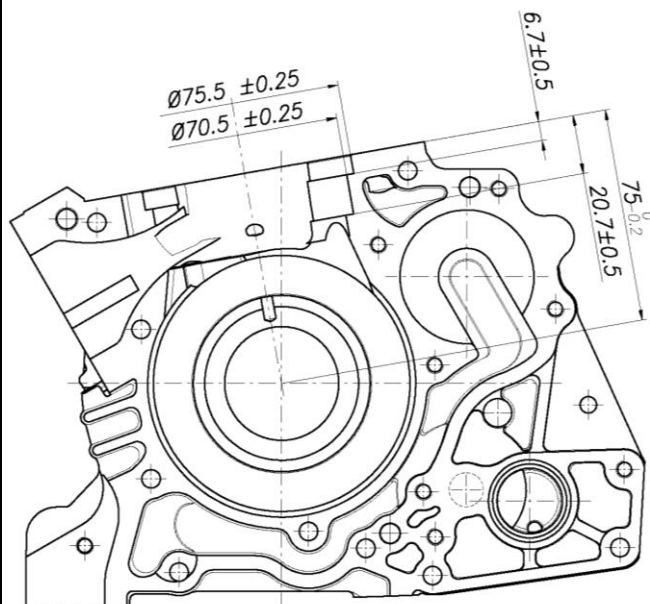


Volume min. 11,8 cm³

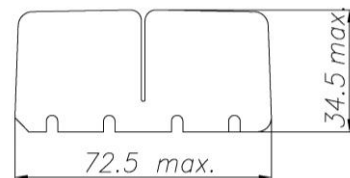
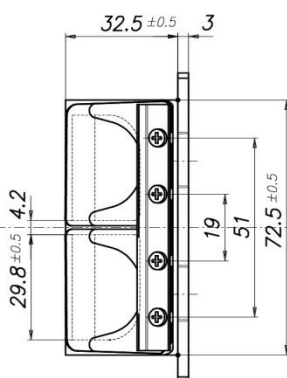
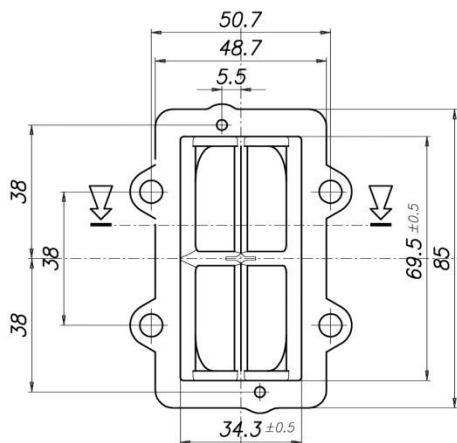
COMBUSTION CHAMBER VOLUME TOT. = 13.8 cm³ min.
VOLUME CHAMBRE COMBUSTION TOT. = 13.8 cm³ min.

ATT.: SQUISH MIN. = 0.85 mm
(measured with Ø1.5mm TIN - mesurée avec de l'étain Ø1.5mm)

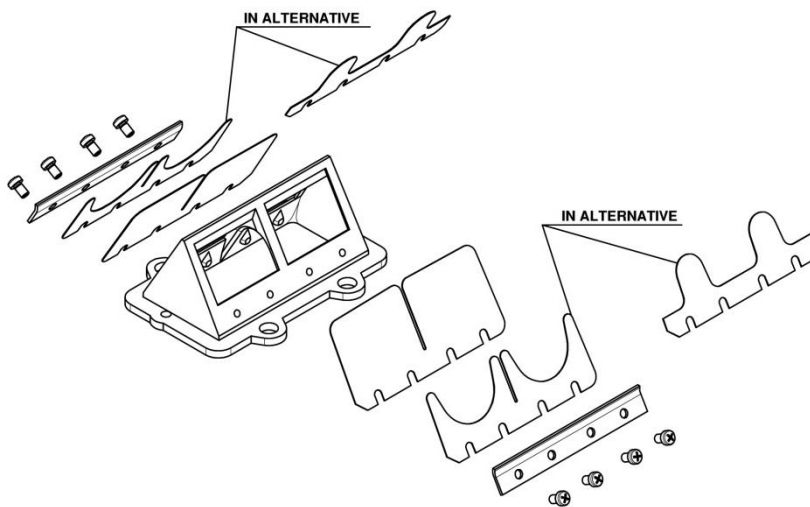
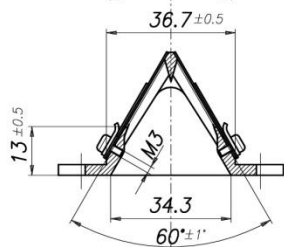
CRANKCASE INSIDE VIEW
VUE A' L' INTERIEUR DU CARTER



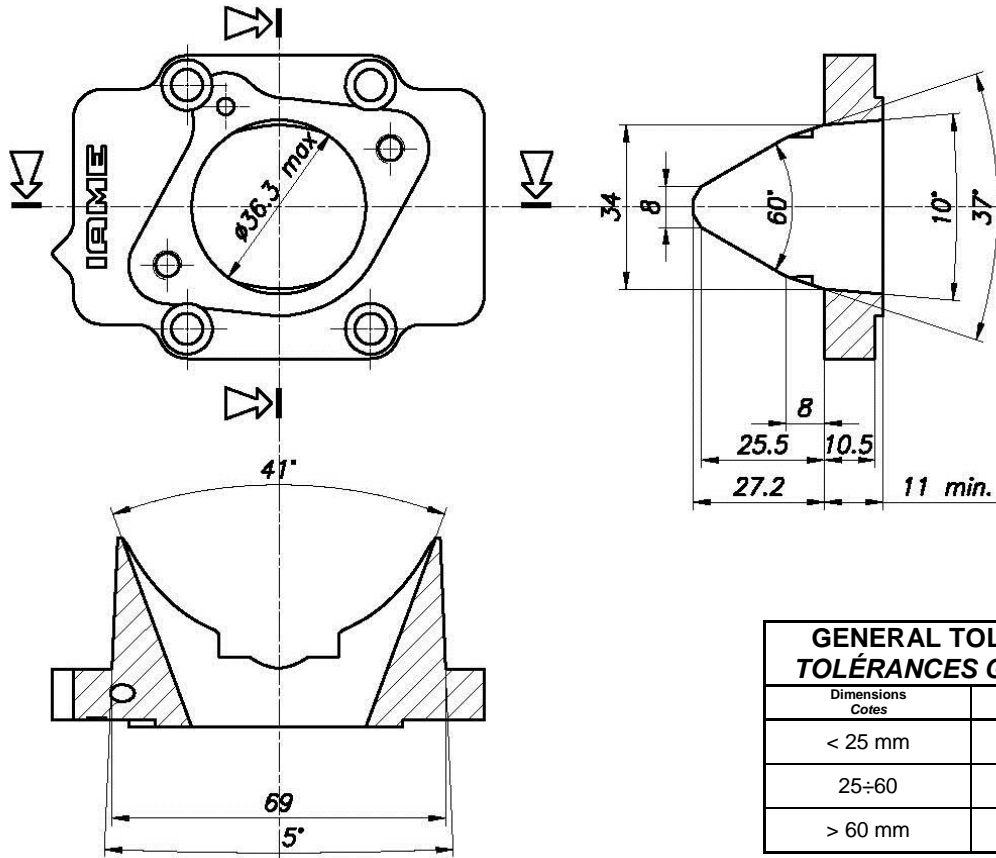
REEDS GROUP & REEDS DIMENSIONS – PYRAMIDE DE CLAPETS & CLAPETS



Minimum thickness: 0,24mm



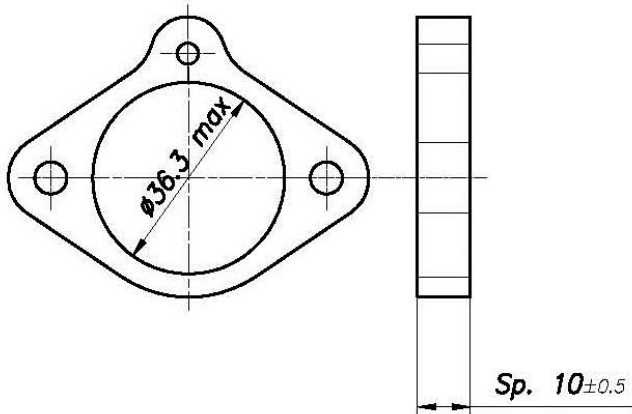
INLET CONVEYOR - CONVOYEUR D'ADMISSION



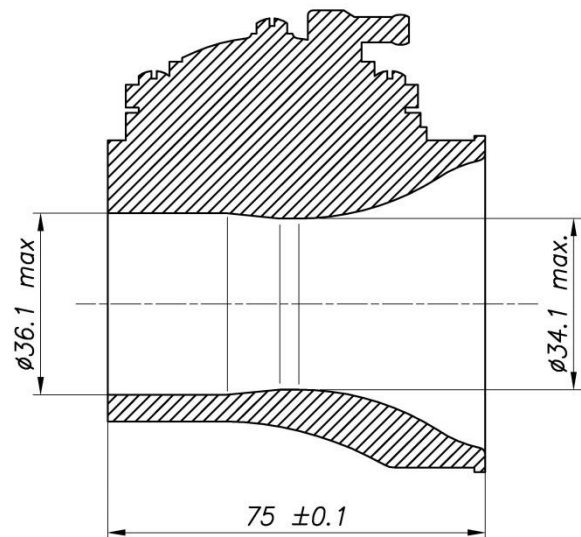
GENERAL TOLERANCES TOLÉRANCES GÉNÉRALES	
Dimensions Cotes	Machined parts Pièces usinées
< 25 mm	±0.5
25÷60	±0.8
> 60 mm	±1.5

INLET SPACER - RACCORD D'ADMISSION

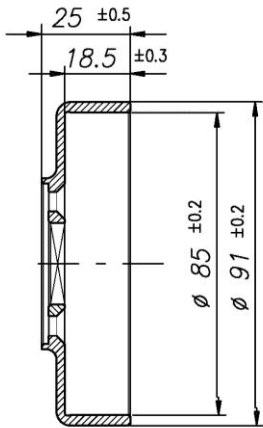
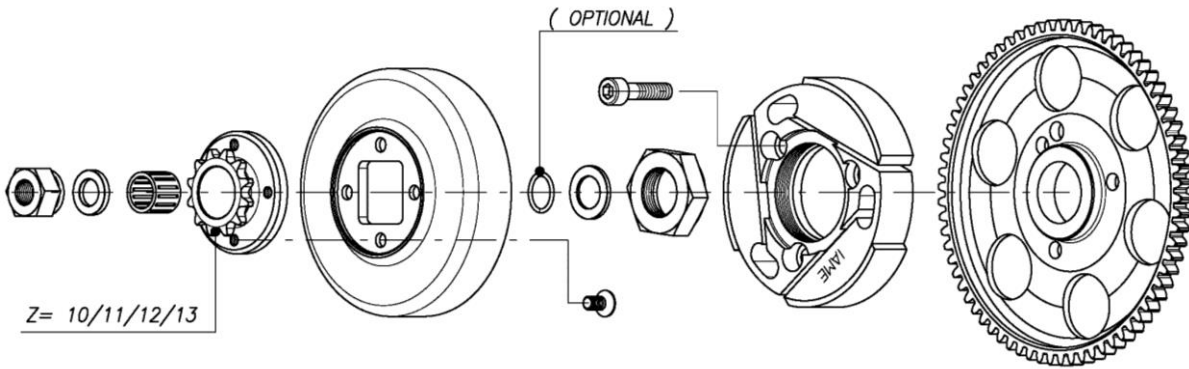
PART N° cod. TFB-41900



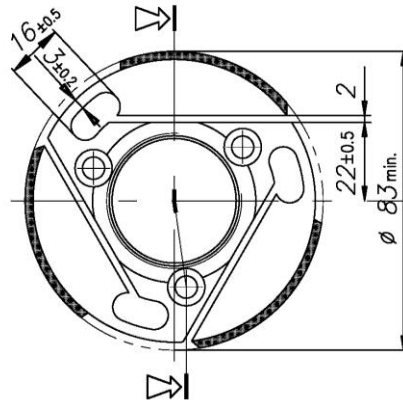
VENTURI CARB. DIMENSIONS
DIMENSIONS DU VENTURI DU CARB.



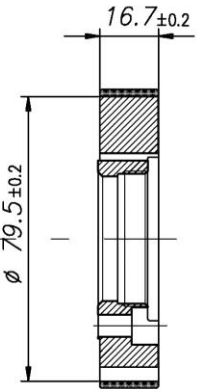
DESCRIPTION OF THE CLUTCH - DESCRIPTION DE L' EMBRAYAGE



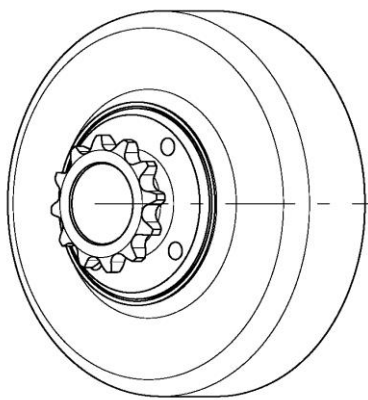
Min. weight 225 g
Poids min. 225g



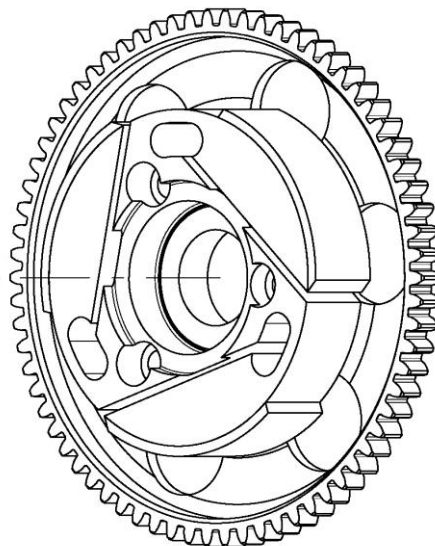
Min. weight 375 g
Poids min. 375g



WEIGHT MIN. OF THE CLUTCH – POIDS MIN. DU EMBRAYAGE

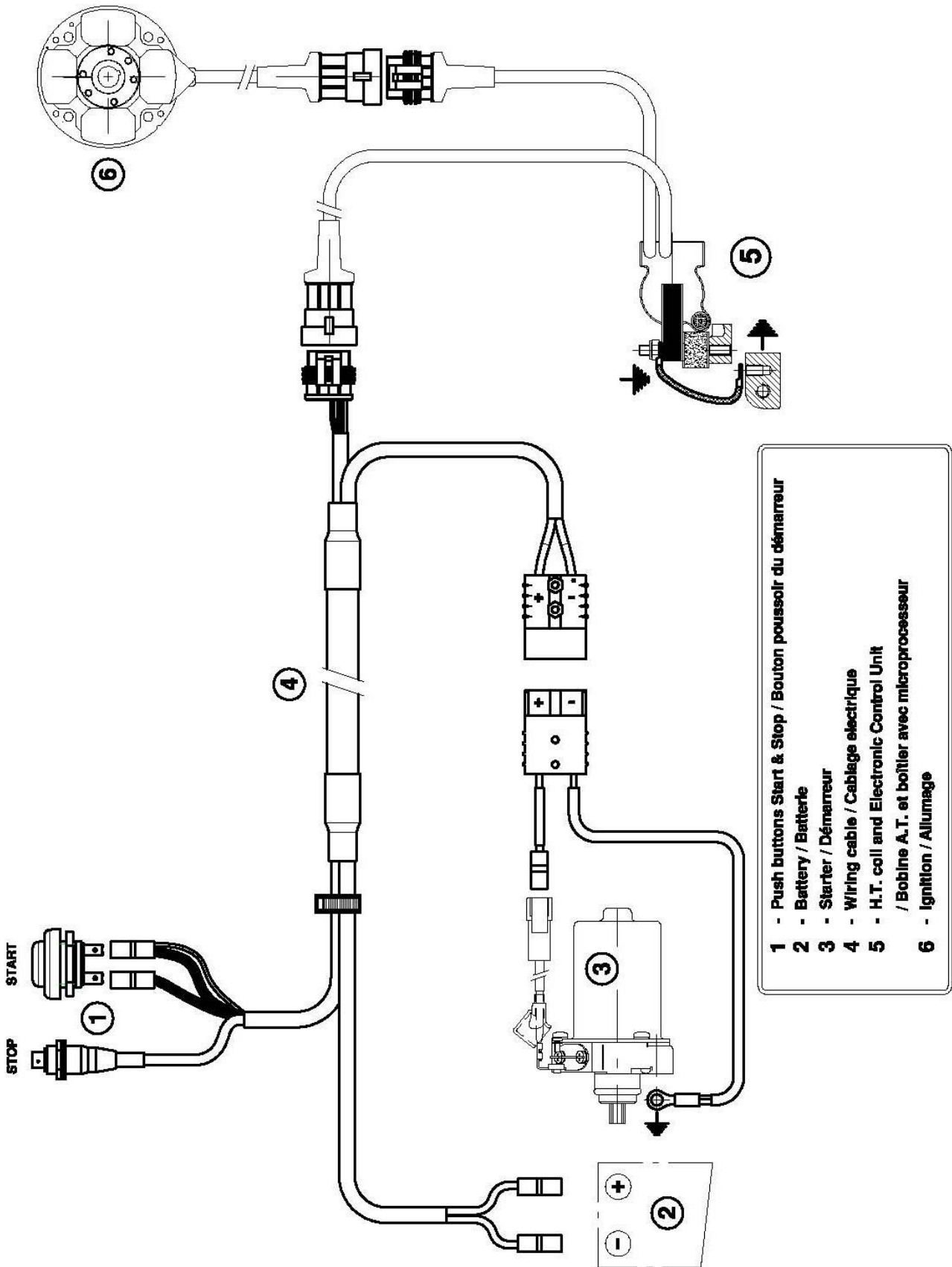


Min. weight 300 g
Poids min. 300 g

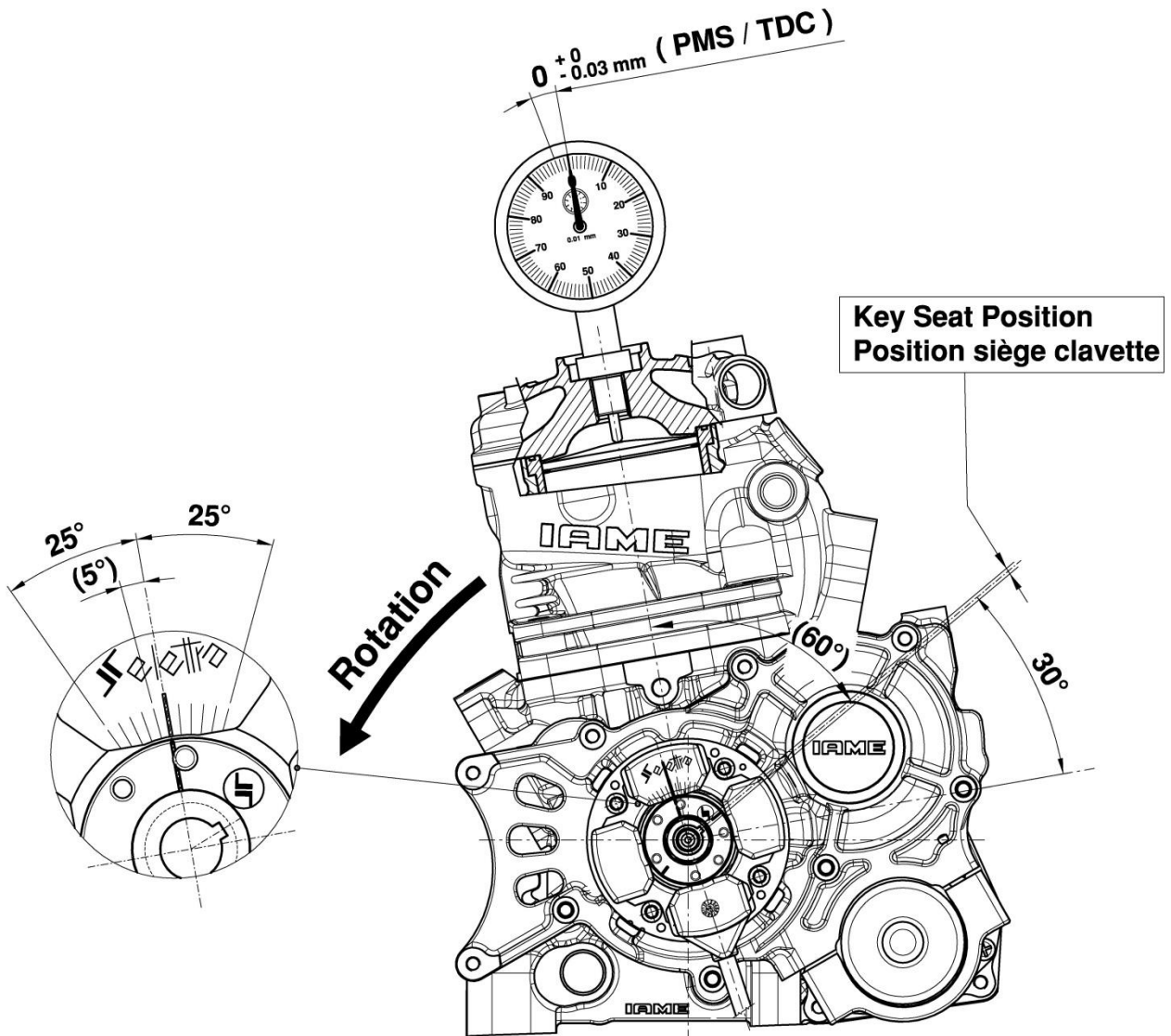


Min. weight 680 g
Poids min. 680 g

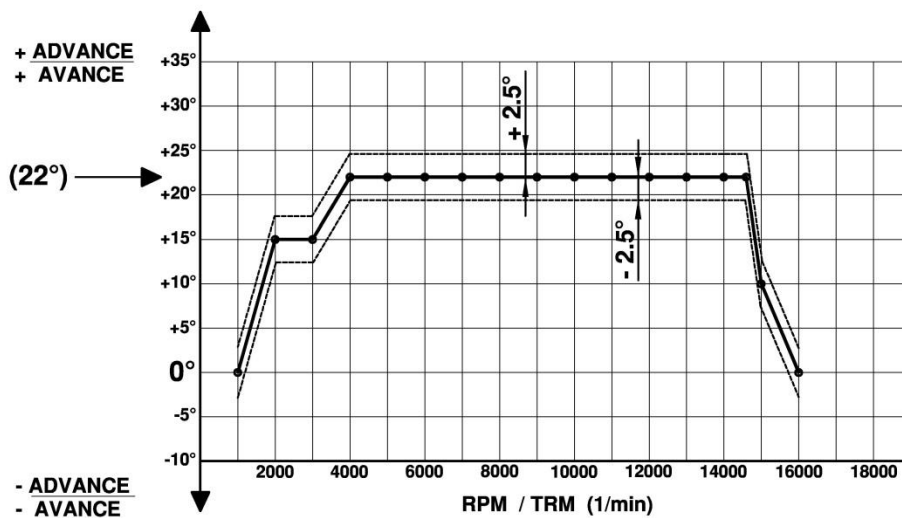
WIRING DIAGRAM (SELETTRA DIGITAL "S" IGNITION)
 SCHEMA CIRCUIT ELECTRIQUE (ALLUMAGE SELETTRA DIGITAL "S")



SCHEME FOR ADVANCE CONTROL
 SCHEMA DE CONTROLE POUR L'AVANCE



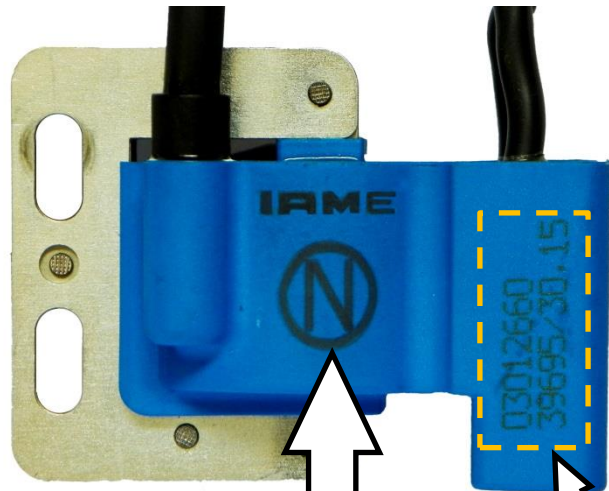
ADVANCE CURVE GRAPHS / GRAPHIQUES DE LA COURBE D'AVANCE



COMPLETE WIRING LOOM – PHOTO DU CABLAGE ELECTRIQUE



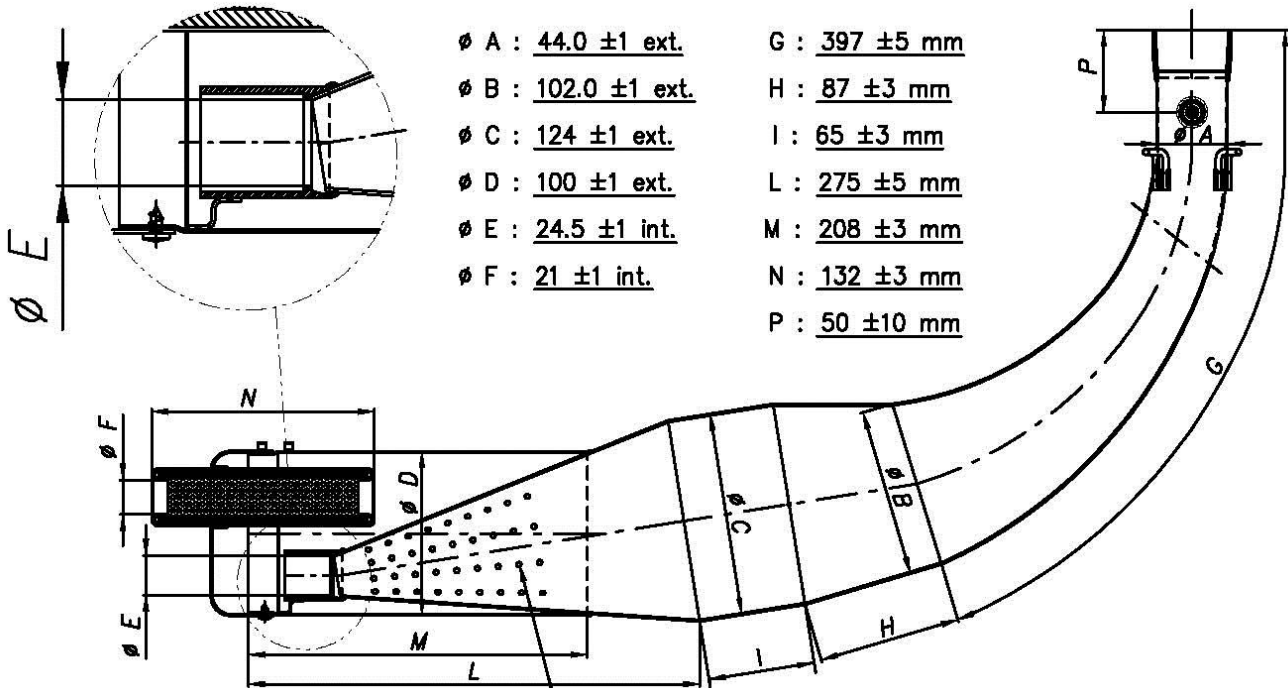
PHOTO OF SELETTRA DIGITAL "S" IGNITION WITH "IAME" MARKING
PHOTO DU ALLUMAGE SELETTRA DIGITALE "S" AVEC MARQUAGE "IAME"



VARIABLE



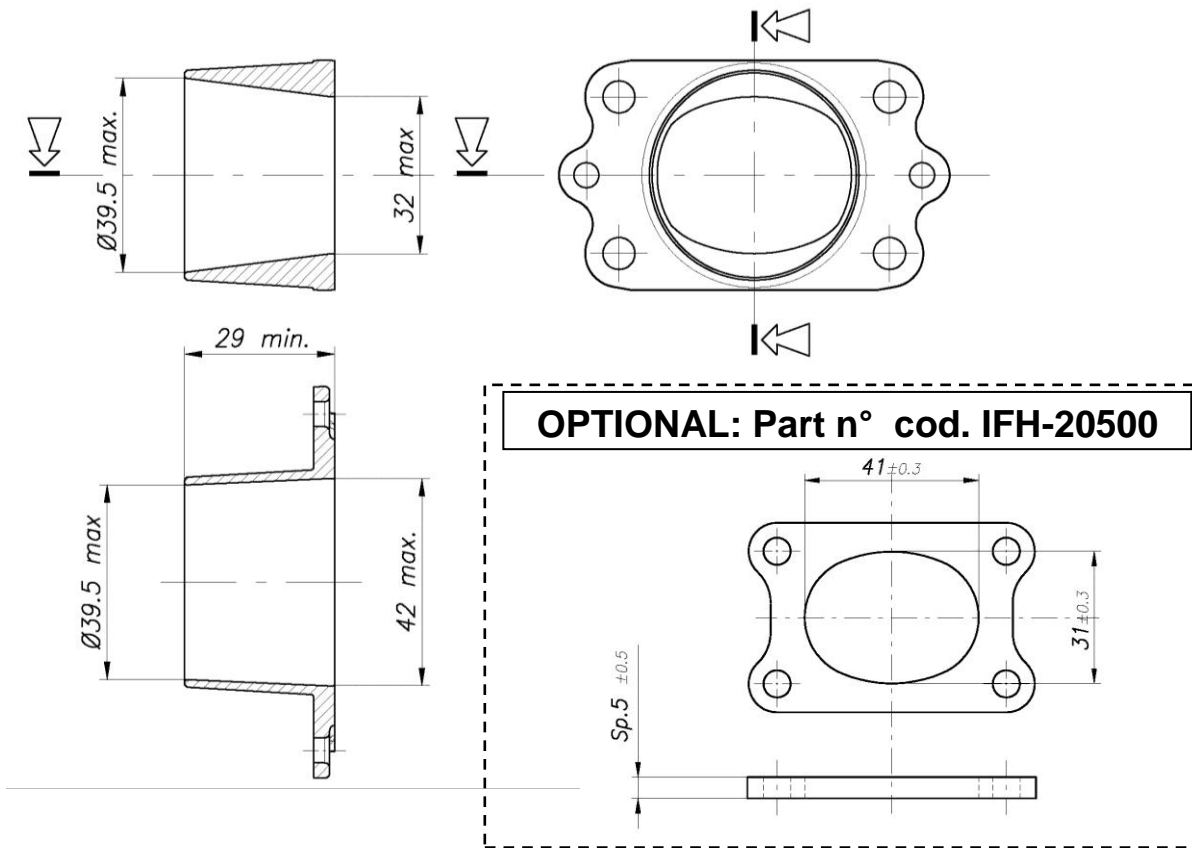
EXHAUST MUFFLER VIEW AND DIMENSIONS
 VUE ET DIMENSIONS DU SILENCIEUX D' ECHAPPEMENT



Min. weight 2.07 Kg
 Poids min. 2.07 Kg

N° 8 ROWS OF HOLES. THE ROWS ARE COMPOSED OF N°9 HOLES $\phi 3$, FOR A TOT OF 72 HOLES. THE HOLES HAVE A TOLLERANCE OF ± 0.2
 N° 8 RANGEES DE TROUS. LES RANGEES SE COMPOSENT DE N°9 TROUS $\phi 3$, POUR UN TOTAL DE 72 TROUS. LES TROUS ONT UNE TOLLERANCE DE ± 0.2

EXHAUST MANIFOLD AND SPACER VIEW AND DIMENSIONS
 VUE ET DIMENSIONS DU RACCORD D' ECHAPPEMENT ET ESPACEUR



PISTON IDENTIFICATION MARKING
 MARQUAGE D'IDENTIFICATION PISTON

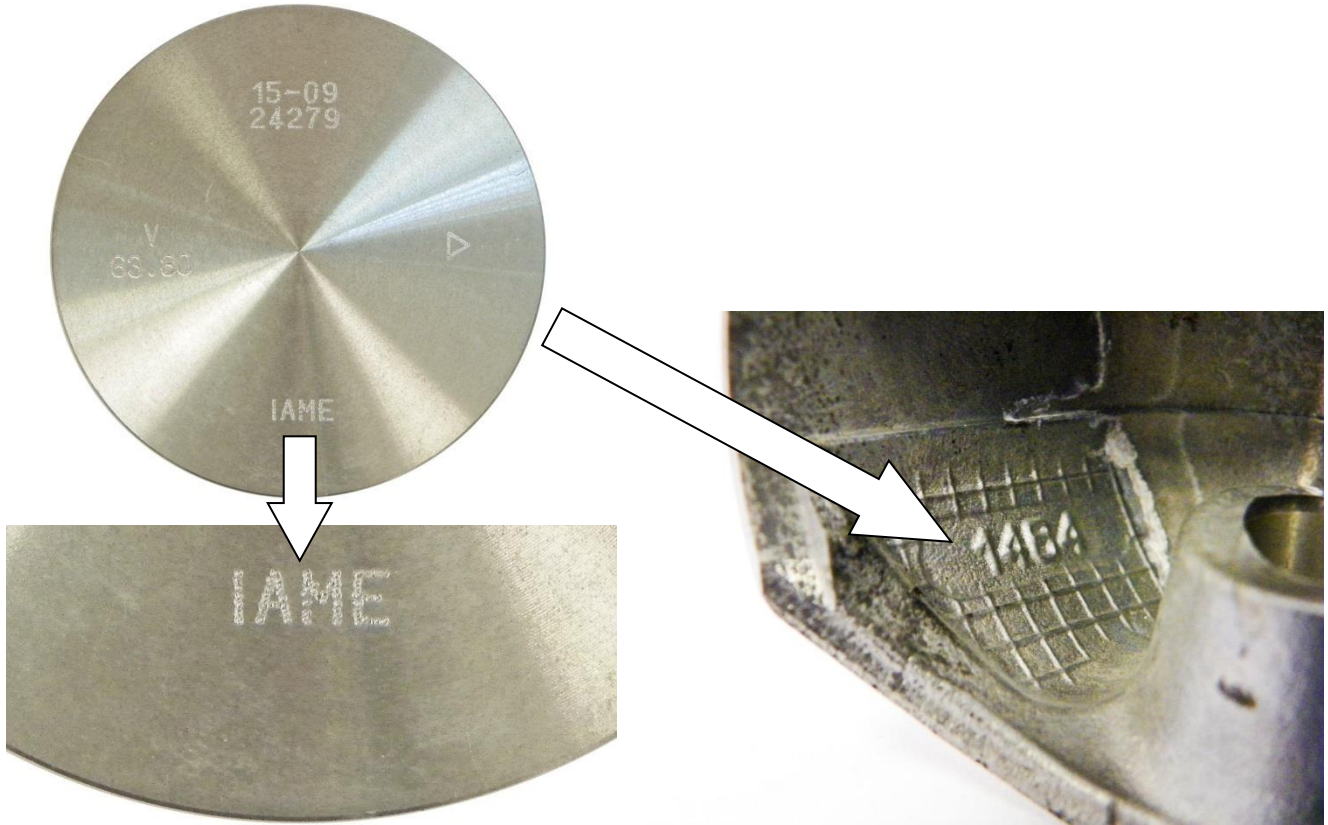
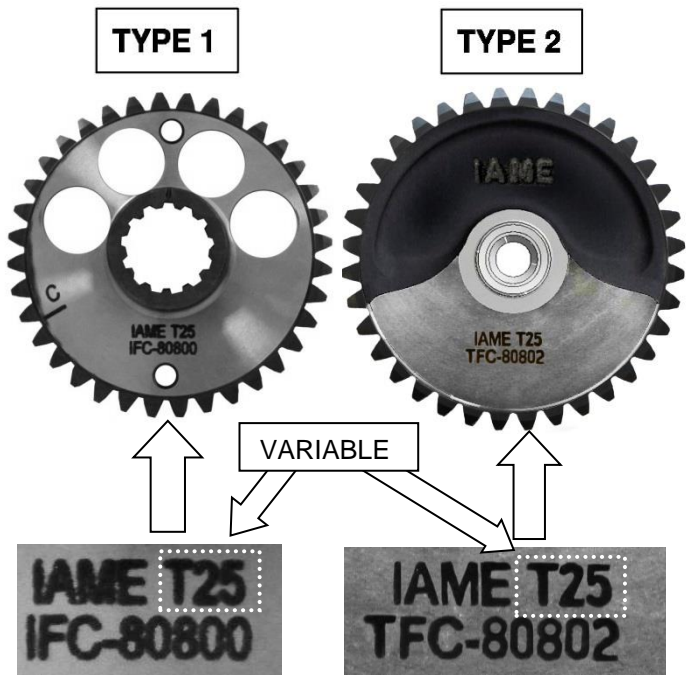


PHOTO IDENTIFICATION CONROD
 MARQUAGE D'IDENTIFICATION BIELLE



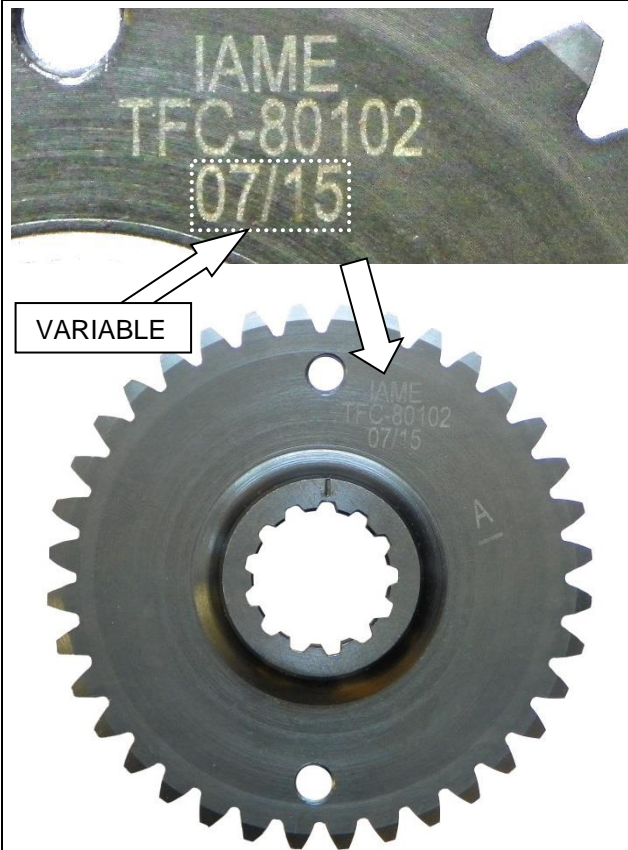
IDENTIFICATION BALANCING SHAFT
 MARKING
 MARQUAGE D'IDENTIFICATION ARBRE
 D'EQUILIBRAGE



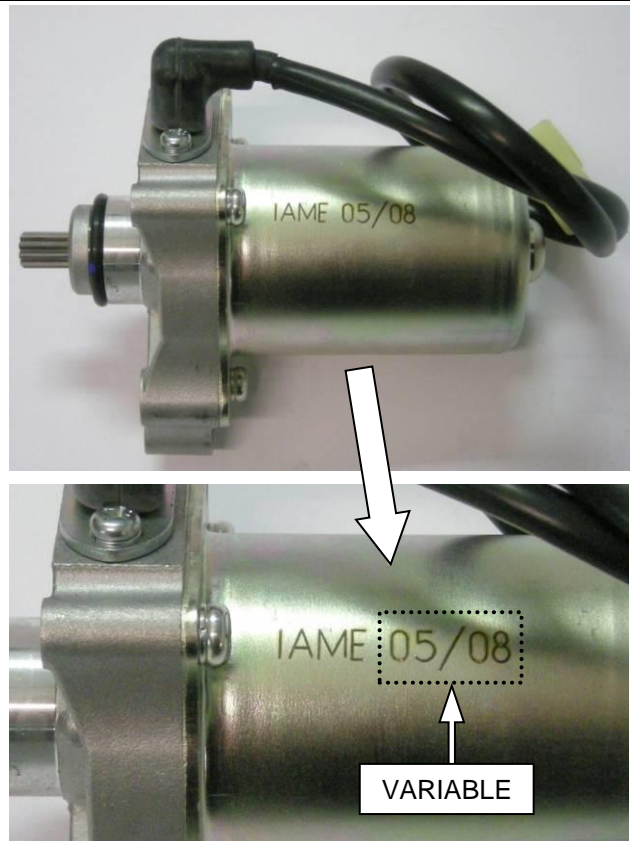
CRANKSHAFT IDENTIFICATION MARKING
 MARQUAGE D'IDENTIFICATION DU VILEBREQUIN



GEAR COMMAND BALANCING SHAFT
 IDENTIFICATION MARKING
 MARQUAGE D'IDENTIFICATION
 ENGRENAGE ARBRE D'EQUILIBRAGE

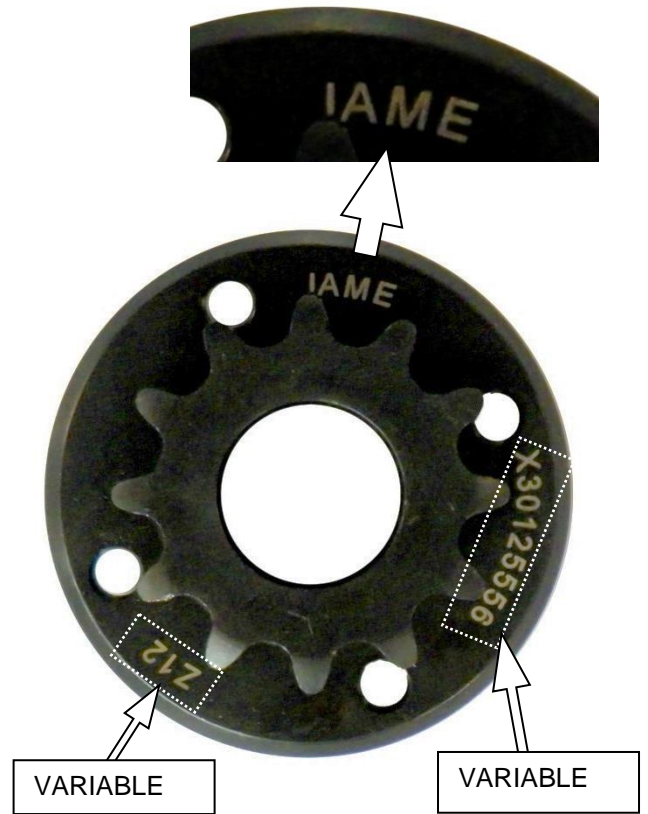
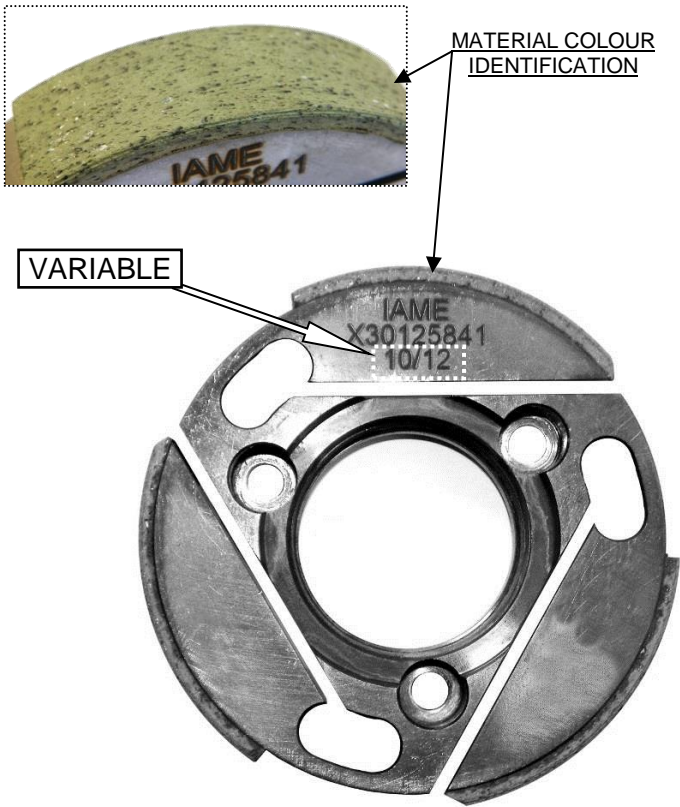


STARTER IDENTIFICATION MARKING
 MARQUAGE D'IDENTIFICATION DU
 MOTEUR DEMARREUR



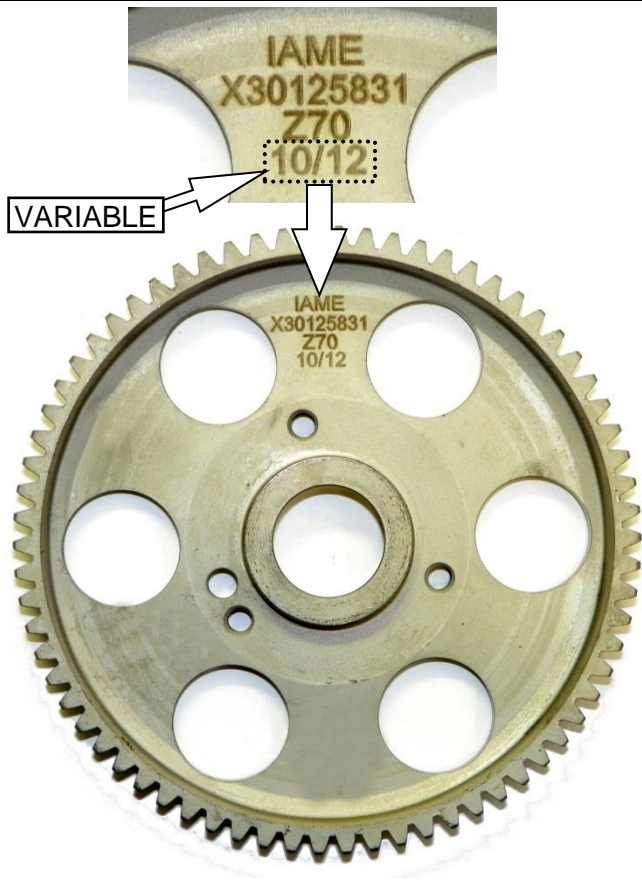
CLUTCH HUB IDENTIFICATION MARKING
 MARQUAGE D'IDENTIFICATION CORPS DE
 EMBRAYAGE

SPROCKET IDENTIFICATION MARKING
 MARQUAGE D'IDENTIFICATION DU PIGNON

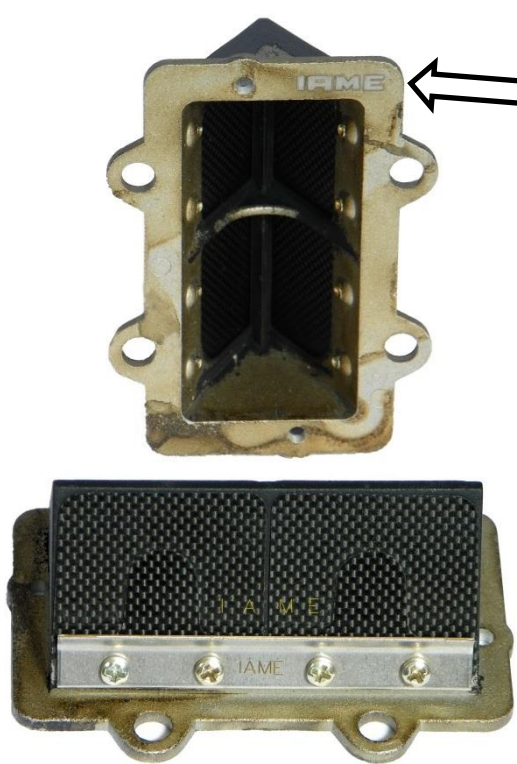


STARTER RING IDENTIFICATION MARKING
 MARQUAGE D'IDENTIFICATION DE LA
 COURONNE DE DEMARRAGE

CLUTCH DRUM IDENTIFICATION MARKING
 MARQUAGE D'IDENTIFICATION DE LA
 CALOTTE



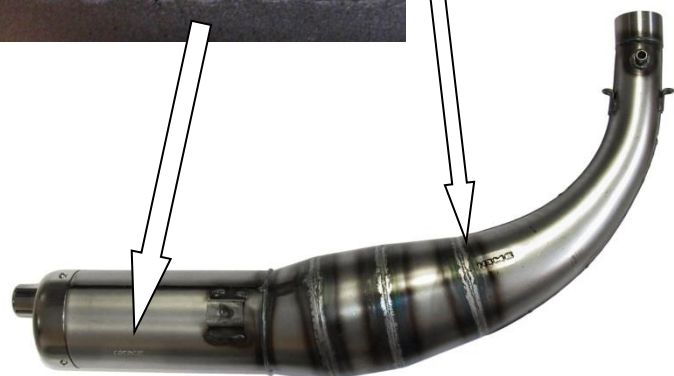
REED GROUP & PETALS IDENTIFICATION PHOTO
 PHOTO D'IDENTIFICATION DE LA PYRAMIDE DE CLAPETS & CLAPETS



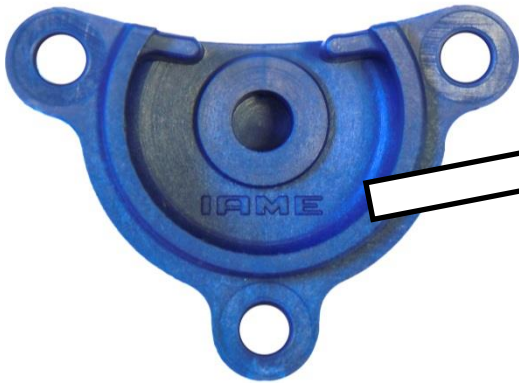
MATERIAL: CARBON FIBER



EXHAUST SILENCER IDENTIFICATION MARKING
 MARQUAGE D'IDENTIFICATION ECHAPPEMENT



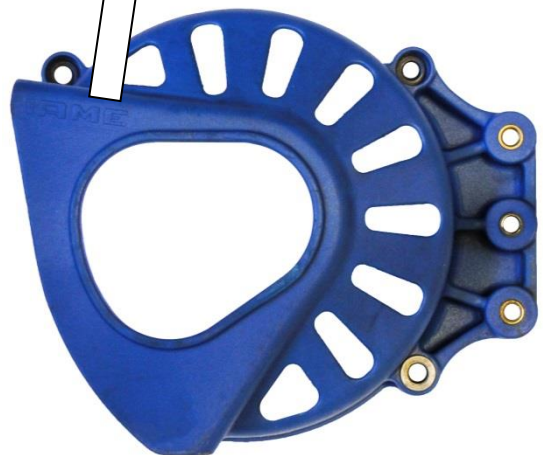
BENDIX COVER IDENTIFICATION MARKING
 MARQUAGE D'IDENTIFICATION DU COUVERCLE
 DU CONTRE-ARBRE DE DEMARRAGE



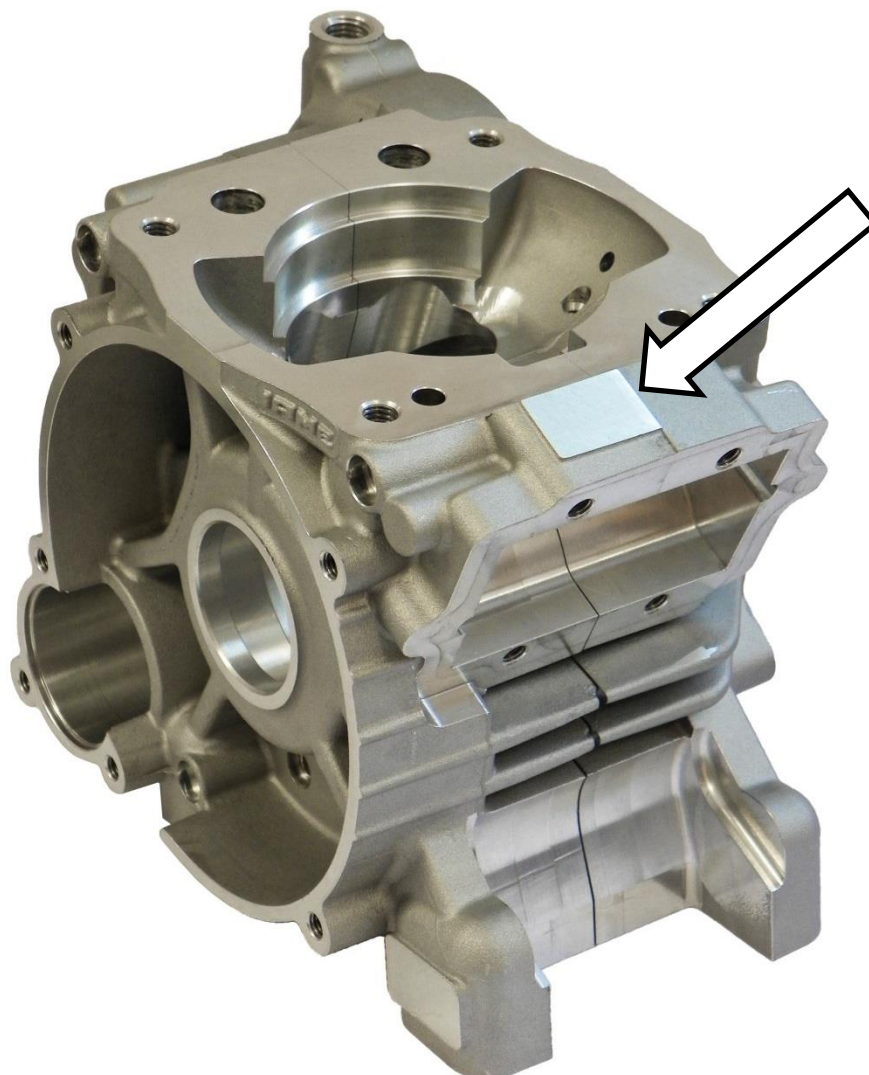
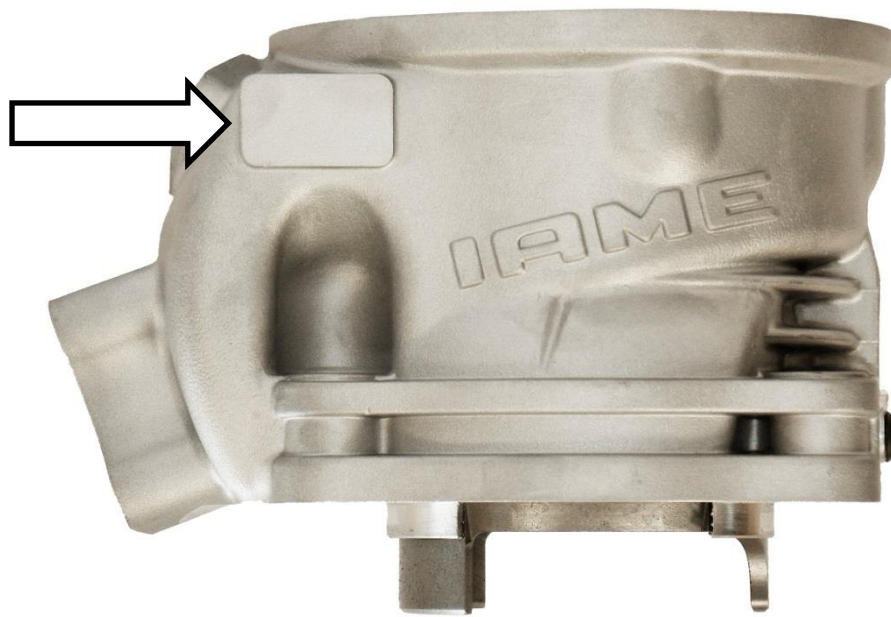
EXHAUST MANIFOLD IDENTIFICATION
 MARKING
 MARQUAGE DU RACCORD
 D'ECHAPPEMENT



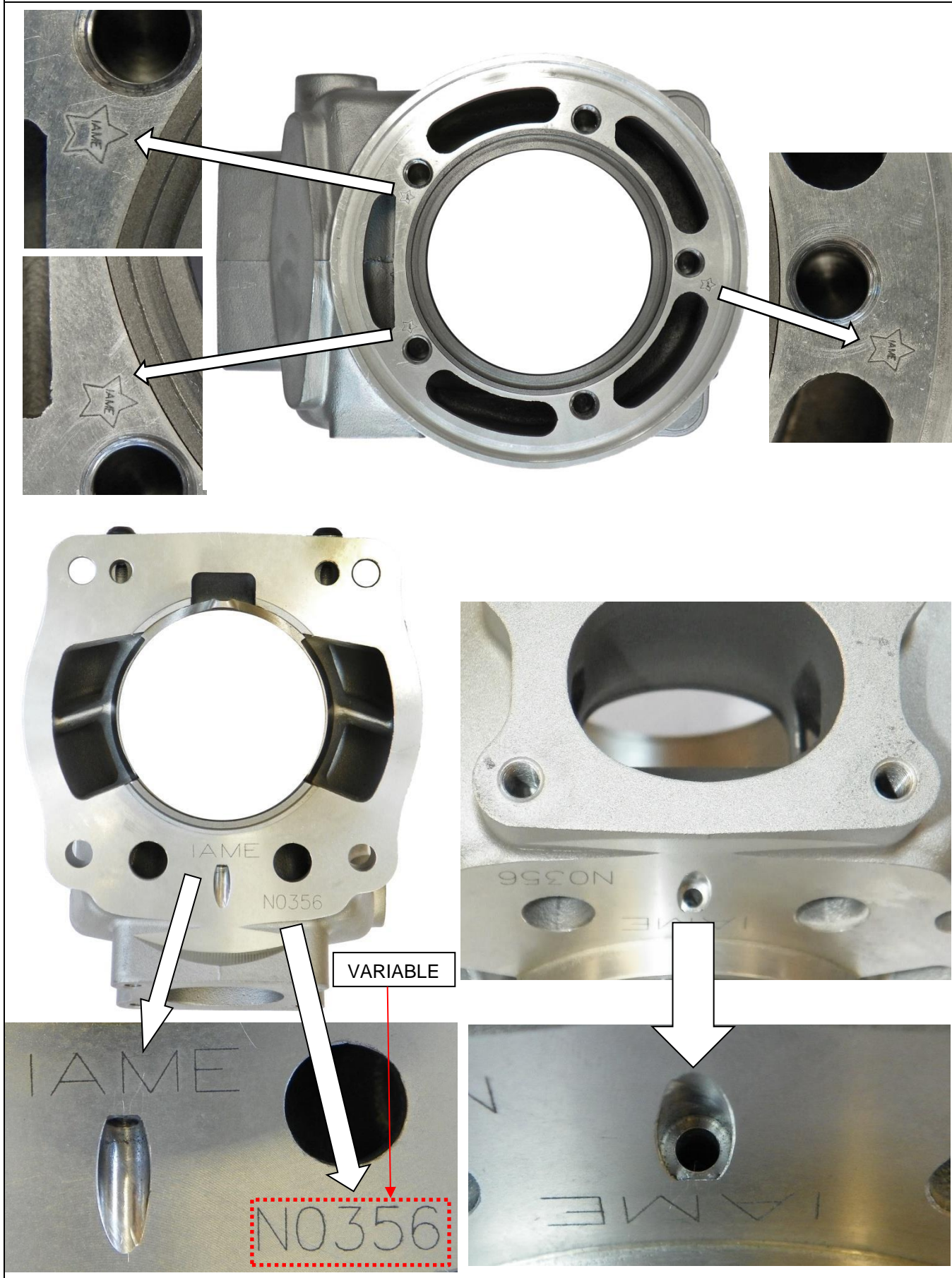
CLUTCH COVER IDENTIFICATION
 MARKING
 MARQUAGE DU COUVERCLE
 D'EMBRAYAGE



STICKER APPLICATION AREA - *ESPACE POUR L'APPLICATION DE ADHÉSIFS*

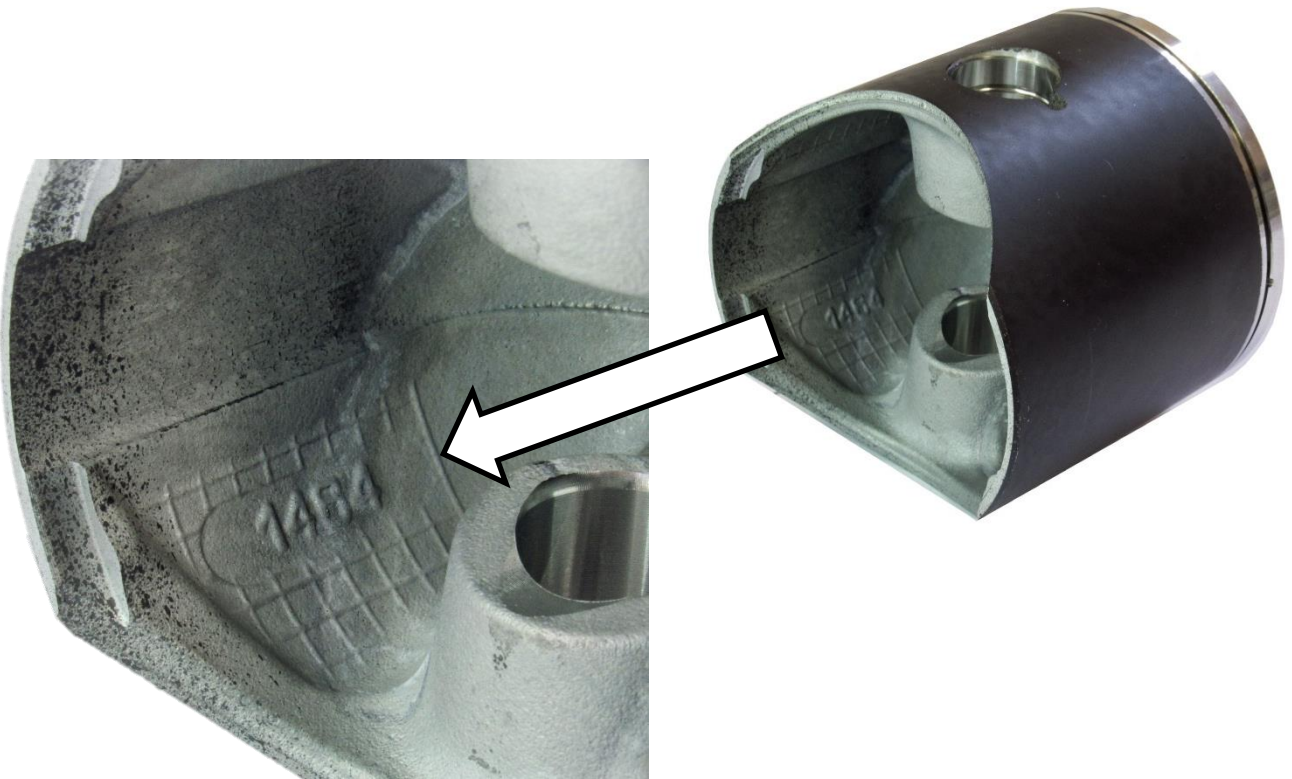


CYLINDER IDENTIFICATION MARKING
MARQUAGE D'IDENTIFICATION DU CYLINDRE



CURRENT AND NEW ALTERNATIVE PHOTO OF PISTON IDENTIFICATION
ACTUELLE ET ALTERNATIVE NOUVELLE PHOTO D' IDENTIFICATION DU PISTON

Current Photo
Actuelle Photo



Alternative New Photo
Nouvelle Alternative Photo

