

# **FI SERIES**

**Vehicle application**

**S23**

S23 ENT C

This publication describes the characteristics, data and correct methods for repair operations on each component of the vehicle.

If the instructions provided are followed and the specified equipment is used, correct repair operations in the programmed time will be ensured, safeguarding against possible accidents.

Before starting to perform whatever type of repair, ensure that all accident prevention equipment is available and efficient.

All protections specified by safety regulations, i.e.: goggles, helmet, gloves, boot, etc. must be checked and worn.

All machining, lifting and conveying equipment should be inspected before use.

The data contained in this publication was correct at the time of going to press but due to possible modifications made by the Manufacturer for reasons of a technical or commercial nature or for adaptation to the legal requirements of the different countries, some changes may have occurred.

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**S23 ENT C Series**

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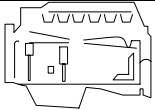
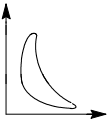
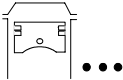

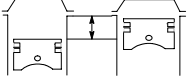
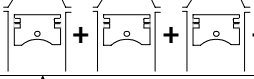
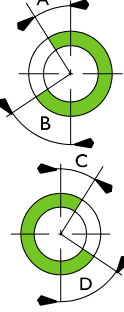


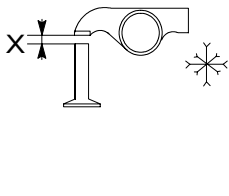
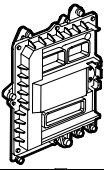
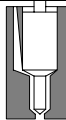
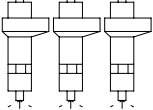
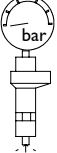




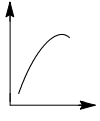









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**CORRESPONDENCE BETWEEN TECHNICAL CODE AND COMMERCIAL CODE**

Technical Code	Commercial Code
FIAE048IB*A0..	S23 ENT C
FIAE048IB*B0..	S23 ENT C

## SPECIFICATIONS

	Type	<b>S23 ENT C SERIES</b>	
	Cycle	Four-stroke diesel engine	
	Power	Supercharged with intercooler	
	Injection	Direct	
	Number of cylinders	4 in-line	
	Bore	mm	88
	Stroke	mm	94
	Total displacement	cm <sup>3</sup>	2300
<b>TIMING</b>			
	 start before T.D.C. end after B.D.C.	A B	14° 27°
	 start before B.D.C. end after T.D.C.	D C	54° 10°
	Checking timing	mm	-
	X	mm	-
	Checking operation	mm	0.20 to 0.30
	X	mm	0.45 to 0.55
<b>FUEL FEED</b>			
	Injection Type:	Bosch	high pressure common rail EDC16
	Nozzle type	Injectors	
	Injection sequence	1 - 3 - 4 - 2	
	Injection pressure	bar	1600

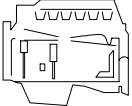

S23 ENT C Series engines			TECHNICAL CODE
	Type		<b>FIAE048I*B...</b>
	Compression ratio		18
 	Maximum power	kW (HP)  rpm	85 (116)  3000 ÷ 3900
 	Maximum torque	kW (HP)  rpm	270 (27.5)  1800 ÷ 2800
	Slow running of engine with no load	rpm	800
	Fast idling speed of engine with no load	rpm	4600
	Pressure at T.D.C.	*bar	20 ÷ 26
	Minimum permissible pressure at T.D.C.	*bar	16
	Bore x stroke	mm	88 x 94
	Displacement	cm <sup>3</sup>	2300
	TURBOCHARGING		With intercooler
	Turbocharger type		KKK K03-2072-EDC 5.68
	Turbocharger shaft radial play		-
	Turbocharger shaft end float		-
	Maximum stroke of pressure relief valve opening	mm	3.5 ±0.5
	Pressure corresponding to maximum stroke:	bar	1.5 ±0.002
 	LUBRICATION		forced by gear pump, pressure relief valve, oil filter with integral cartridge with total filtering
	Oil pressure with engine hot (100°C ±5°C):		
	at idling speed	bar	≥0.6
	at top speed	bar	4
	COOLING		by centrifugal pump, thermostat for adjustment, coolant temperature, fan with electromagnetic coupling, radiator, heat exchanger
	Water pump control:		by belt
	Thermostat:		N. I.
	start of opening:		82 ±2 °C

(\*) The pressure is measured by setting the engine turning with the aid of just the starter motor, with an oil temperature of 40 – 50°C.



Data, features and performances are valid only if the setter fully complies with all the installation prescriptions provided by Iveco Motors.

Furthermore, the users assembled by the setter shall always be in conformance to couple, power and number of turns based on which the engine has been designed.

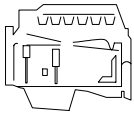
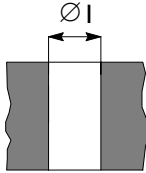
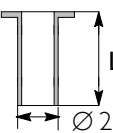


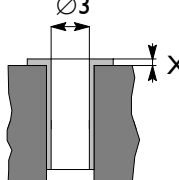
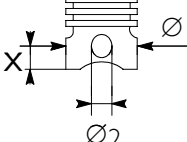


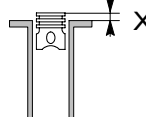
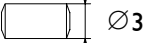

S23 ENT C Series engines		TECHNICAL CODE	
  Urania Daily Urania LD 5	Type	FIAE048I B	
	FLUIDS		
	Capacity:		
	engine sump		
	at minimum level	liters	3
		kg	2.65
	engine sump		
	at maximum level	litres	4.3
		kg	3.78
	quantity in circulation		
	in cartridge filter and heat		
	exchanger		
		litres	1.4
		kg	1.23
	quantity of oil for first		
	filling	liters	5.7
		kg	5.02

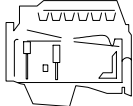
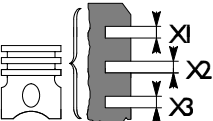
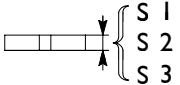



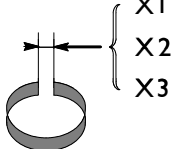
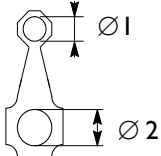
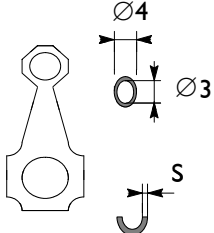







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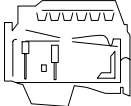
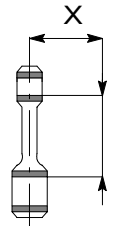
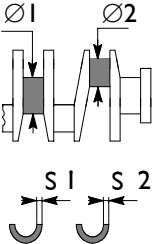
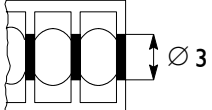


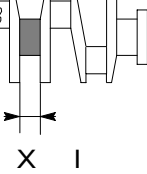
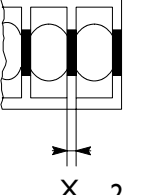
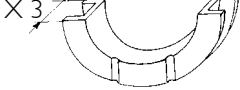

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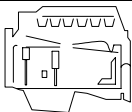
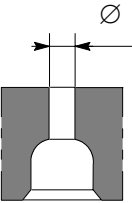
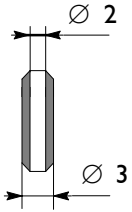



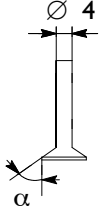



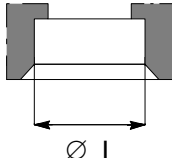


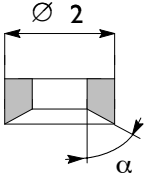


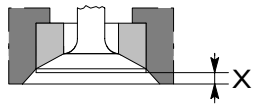







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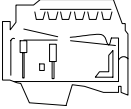
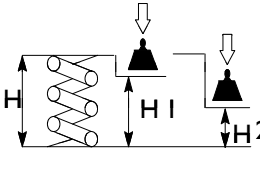
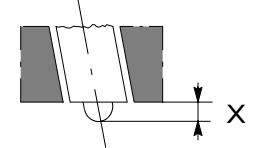
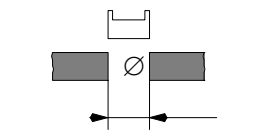
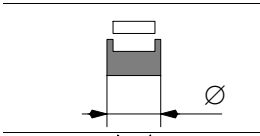

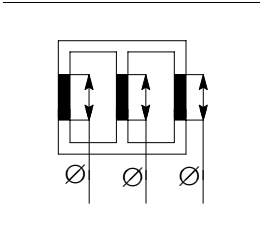
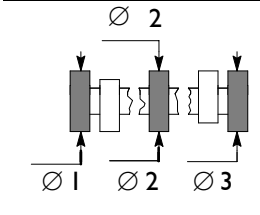
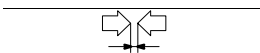
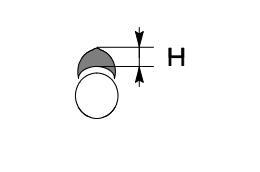
	Type	S23 ENT C SERIES		
CYLINDER ASSEMBLY AND CRANK MEMBERS				
	Cylinder liners:  Ø 1	88.002 ÷ 88.022		
	Cylinder liners: outside diameter Ø length L	- - -		
	Cylinder liners – crankcase seats (interference)	-		
	Outside diameter Ø 2	-		
	Cylinder liners: (protrusion from bottom of crankcase)  inside diameter Ø 3	- -		
	Pistons: supplied as spares type measurement X outside diameter Ø 1 seat for pin Ø 2	MAHLE MONDIAL 45.5 87.832 ÷ 87.846 31.003 ÷ 31.009		
	Piston – cylinder liners	0.156 ÷ 0.190		
	Piston diameter Ø 1	0.4		
	Piston protrusion from crankcase X	0.3 ÷ 0.6		
	Piston gudgeon pin Ø 3	30.990 ÷ 30.996		
	Piston gudgeon pin – pin seat	0.07 ÷ 0.019		

	Type	S23 ENT C SERIES	
CYLINDER ASSEMBLY AND CRANK MEMBERS		mm	
	Type of piston		MAHLE MONDIAL
		X1*	2.200 ÷ 2.230
	Piston ring slots	X2	2.050 ÷ 2.070
		X3	2.540 ÷ 2.560
* measured on Ø of 85 mm			
	Piston rings:	S1*	2.068 ÷ 2.097
		S2	1.970 ÷ 1.990
		S3	2.470 ÷ 2.490
	* measured on Ø of 85 mm		
	Piston rings – slots	1	0.103 ÷ 0.162
		2	0.060 ÷ 0.100
		3	0.050 ÷ 0.090
		Piston rings	0.4
	Piston ring end opening in cylinder liner:		
		X1	0.20 ÷ 0.35
		X2	0.60 ÷ 0.80
		X3	0.25 ÷ 0.50
	Small end bushing seat	Ø 1	34.460 ÷ 34.490
	Connecting rod bearing seat*	Ø 2	62.833 ÷ 62.841
	* connecting rod supplied as spare part		
	Small end bushing diameter		
	outside	Ø 4	34.560 ÷ 34.585
	inside	 Ø 3	31.010 ÷ 31.020
	Big end bearing shells supplied as spare part	S	-
	Small end bushing – seat (interference)		0.07 ÷ 0.125
	Piston gudgeon pin – bushing		0.014 ÷ 0.030
		Big end bearing shells	0.254 - 0.508



		Type	S23 ENT C SERIES	
CYLINDER ASSEMBLY AND CRANK MEMBERS			mm	
	Measurement	X	125	
	Maximum error on alignment of connecting rod axes	=	0.09	
	Main journals No. 1-2-3-4 No. 5	Ø 1	71.182 ÷ 71.208 76.182 ÷ 76.208	
	Crankpins	Ø 2	59.015 ÷ 59.038	
	Main bearing shells	S1*	2.165 ÷ 2.174	
	Big end bearing shells	S2*	1.883 ÷ 1.892	
	* supplied as spare parts			
	Main bearing housings No. 1-2-3-4 No. 5	Ø 3	75.588 ÷ 75.614 80.588 ÷ 80.614	
	Bearing shells - main journals		0.032 ÷ 0.102	
	Bearing shells – crankpins		0.035 ÷ 0.083	
	Main bearing shells		0.254 ÷ 0.508	
	Big end bearing shells		0.254 ÷ 0.508	
	Main journal for shoulder	X 1	31.020 ÷ 31.170	
	Main bearing housing for shoulder	X 2	25.790 ÷ 25.840	
	Half thrust washers	X 3	30.810 ÷ 30.960	
	Crankshaft shoulder		0.060 ÷ 0.260	

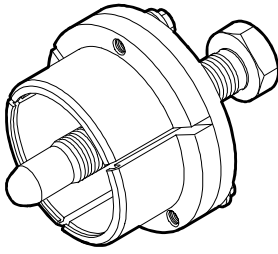
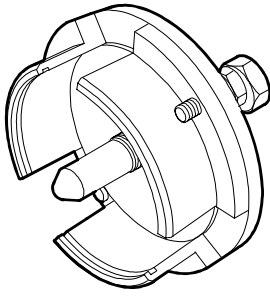
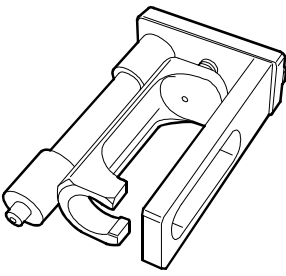
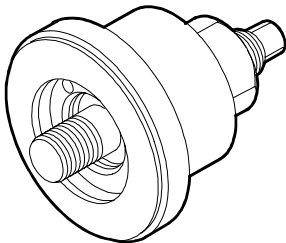
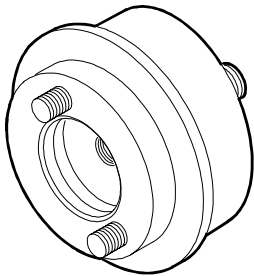
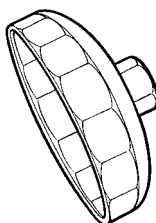
 Type		S23 ENT C SERIES	
CYLINDER HEAD – TIMING SYSTEM		mm	
	Guide valve seats on cylinder head $\varnothing 1$		$9.980 \pm 10.000$
	Valve guides $\varnothing 2$ $\varnothing 3$		$6.023 \pm 6.038$ $10.028 \pm 10.039$
	Valve guides and seats on head (interference)		$0.028 \pm 0.059$
 	Valve guides		$0.05 - 0.10 - 0.25$
	Valves:  $\varnothing 4$ $\alpha$  $\varnothing 4$ $\alpha$		$5.975 \pm 5.990$ $44^\circ 45' \pm 7.5'$ $5.975 \pm 5.990$ $44^\circ 45' \pm 7.5'$
	Valve stem and relevant guide		$0.033 \pm 0.063$
	Seat on head for valve seat:  $\varnothing 1$  $\varnothing 1$		$31.390 \pm 31.415$ $31.390 \pm 31.415$
	Outside diameter of valve seats; angle of valve seats on cylinder head:  $\varnothing 2$ $\alpha$  $\varnothing 2$ $\alpha$		$31.495 \pm 31.510$ $44.5^\circ \pm 5'$ $31.495 \pm 31.510$ $44.5^\circ \pm 5'$
	Recessing	 	$0.5 \pm 0.8$ $0.5 \pm 0.8$
	Between valve seat and head	 	$0.08 - 0.12$ $0.08 - 0.12$
 	Valve seats		-

	Type	S23 ENT C SERIES	
CYLINDER HEAD – TIMING SYSTEM		mm	
	Valve spring height: free spring H under a load of: N243 ± 12 H1 N533 ± 24 H2	54	45
	Injector protrusion X	2.77 ÷ 3.23	
	Seats for tappets on cylinder head normal Ø	12.016 ÷ 12.034	
	Normal diameter tappets	11.988 ÷ 12.000	
	Between tappets and seats	0.016 ÷ 0.046	
	Camshaft pin seats in cylinder overhead l ⇒ 7 Ø 1 Ø 2 Ø 3	48.987 ÷ 49.013	46.987 ÷ 47.013
	Camshaft supporting pins: Ø 1 Ø 2 Ø 3	48.925 ÷ 48.950	46.925 ÷ 46.950
	Supporting pins and seats	0.037 ÷ 0.088	
	Useful cam height H H	3.77	4.203

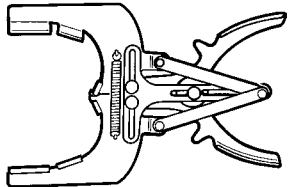
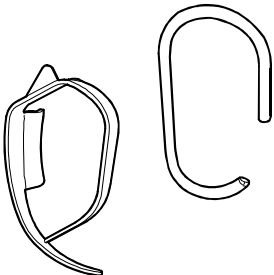
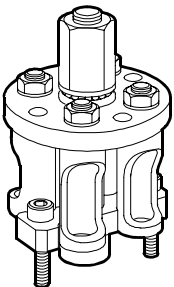
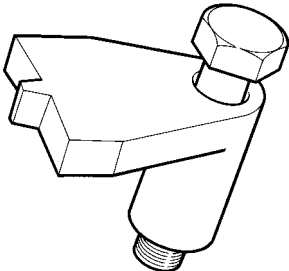
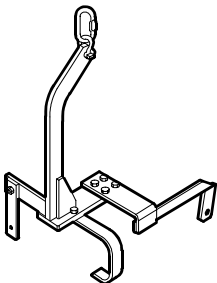
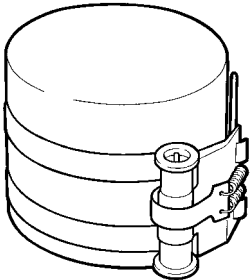
**TOOLS**

TOOL NO.	DESCRIPTION
<b>8093731</b>	Tester PT01
<b>99305047</b>	Appliance to check spring loads
<b>99317915</b>	Set of six box-type wrenches (14-17-19 mm)
<b>99322205</b>	Rotary telescopic stand for overhauling assemblies (capacity 700 daN, torque 120 daN/m)
<b>99340028</b>	Extractor for camshaft pulley
<b>99340035</b>	High-pressure pump toothed pulley extractor

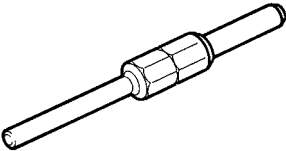
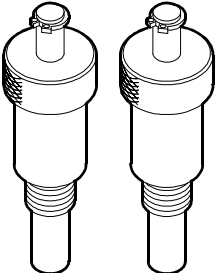
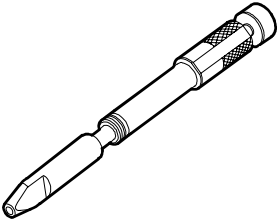
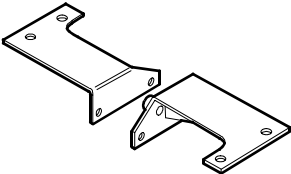
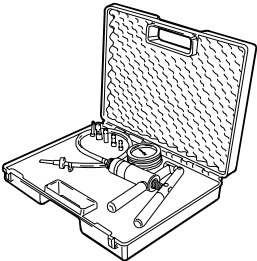
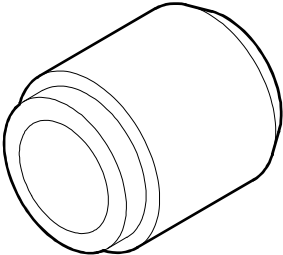
**TOOLS**

TOOL NO.	DESCRIPTION
<b>99340057</b>	 <p>Tool to remove crankshaft front gasket</p>
<b>99340058</b>	 <p>Tool to remove crankshaft rear gasket</p>
<b>99342153</b>	 <p>Tool to extract injectors</p>
<b>99346254</b>	 <p>Keying device for mounting crankshaft front gasket</p>
<b>99346255</b>	 <p>Keying device for mounting crankshaft rear gasket</p>
<b>99360076</b>	 <p>Tool to remove cartridge filters</p>

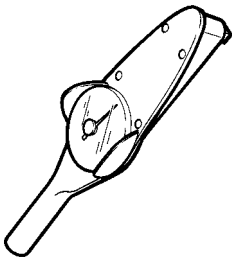
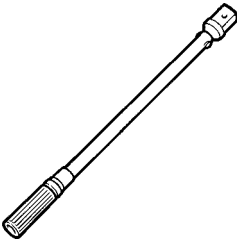
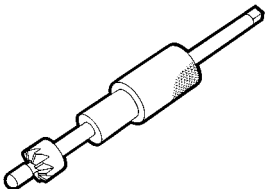
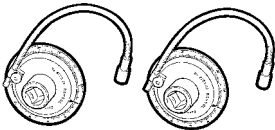
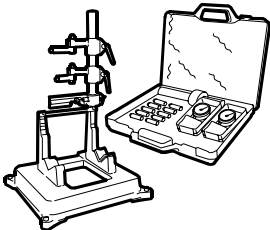
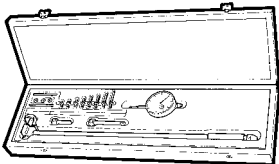
**TOOLS**

TOOL NO.	DESCRIPTION	
<b>99360183</b>		Pliers for mounting rings on engine pistons
<b>99360191</b>		Guide for flexible belt
<b>99360260</b>		Tool for removing and refitting engine valves
<b>99360306</b>		Tool to retain engine flywheel
<b>99360544</b>		Arm for removing and refitting engine
<b>99360605</b>		Band to insert standard and oversized pistons into the cylinders

**TOOLS**

TOOL NO.	DESCRIPTION	
<b>99360608</b>		Tool for positioning timing gear
<b>99360614</b>		Tool (2) for camshaft timing
<b>99360615</b>		Tool for crankshaft timing
<b>99361038</b>		Brackets securing engine to rotary stand 99322205
<b>99367121</b>		Manual pump to measure pressure and vacuum
<b>99374458</b>		Keying device for mounting oil seal gasket on camshaft front cover

**TOOLS**

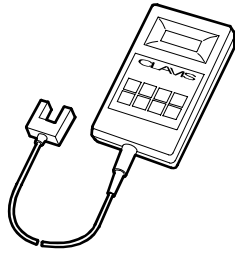
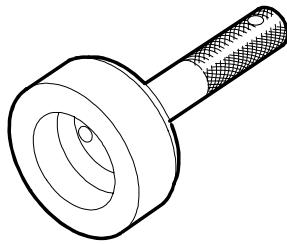
TOOL NO.	DESCRIPTION
<b>99389819</b> 	Torque wrench (0-10 Nm) with square 1/4" connection
<b>99389829</b> 	9x12 coupling torque wrench (5-60 Nm)
<b>99394038</b> 	Milling cutter to regrind injector seat
<b>99395216</b> 	Pair of meters for angular tightening with square 1/2" and 3/4" connection
<b>99395363</b> 	Complete square to check for connecting rod distortion
<b>99395687</b> 	Bore meter (50 – 178 mm)



**TOOLS**

TOOL NO.

DESCRIPTION

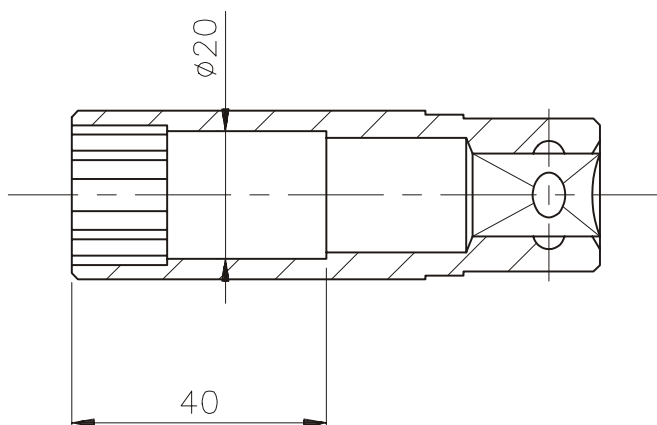
**99395849**Device for checking belt tension  
(frequency from 10.0 to 600 Hz)**99396037**

Centring ring for crankshaft front gasket cover

**EXPERIMENTAL TOOLS**


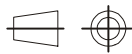
This section shows the working drawings for the experimental tools (S.P.) used in overhauling the engine described in this section, which may be made by the repair shops.

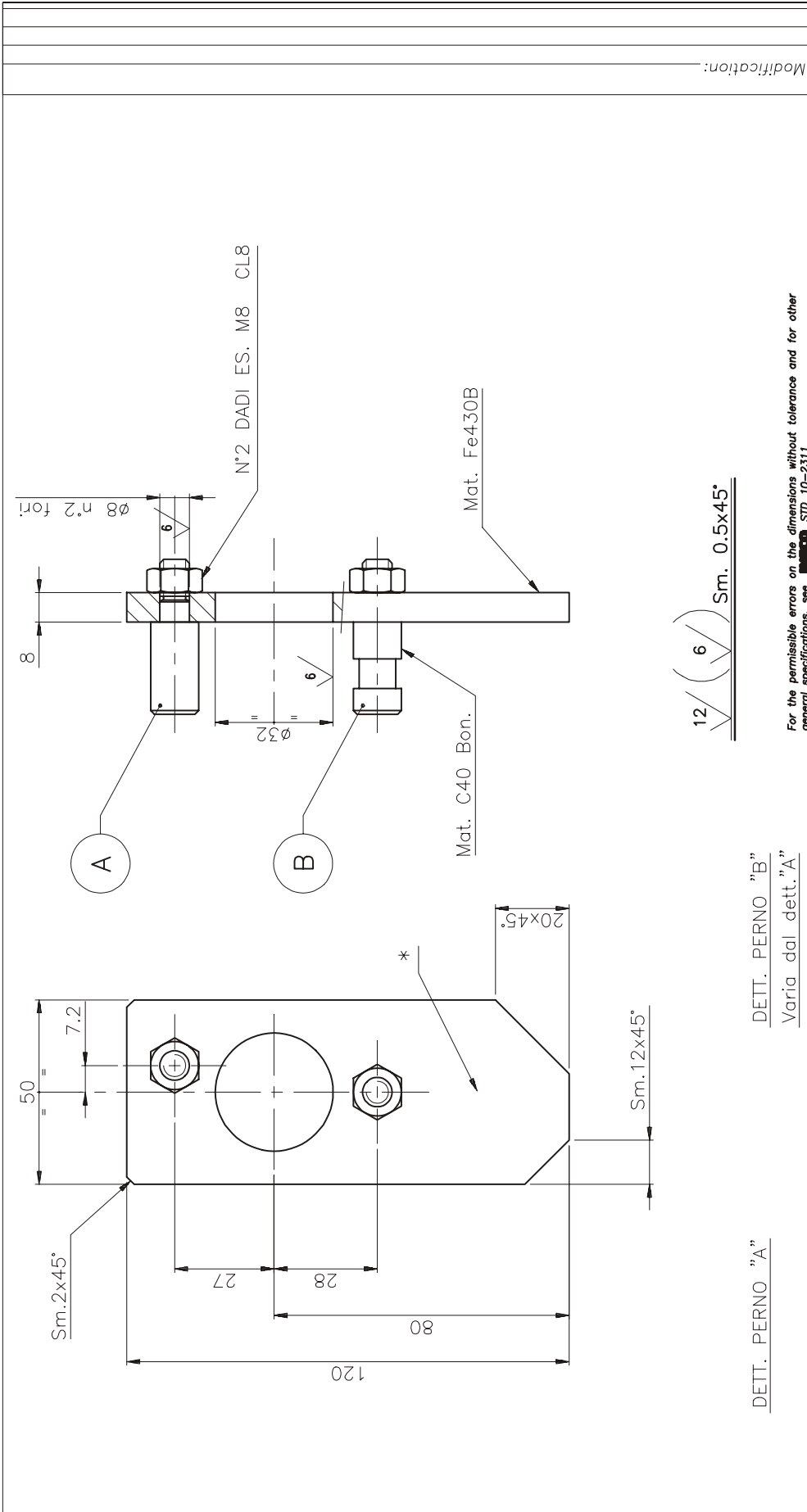
VARIA DA ART. COMMERCIALE USAG cod.235L 1/2" – Ch.19  
SOLO PER QUANTO INDICATO



Modification:

For the permissible errors on the dimensions without tolerance and for other general specifications, see **IVECO** STD 10-2311

MAT. /		COVER. /	DRAWN <b>UTS (B)</b>	N°DRAWING <b>SP. 2262</b>	
All proprietary rights reserved by <b>IVECO</b> This drawing shall not be reproduced or in any way utilised, for the manufacture or the component or unit herein illustrated and must not be released to other parties, without written consent. Any infringement will be legally pursued.	ISO $\leq$ IT8 $\alpha \leq 30'$ Ra $\leq$ 0.4  <b>C/</b> <b>I.S. 18-0011</b>	<b>Chiave poligonale (19mm)</b>	APPROVED	EXPER. <b>2262</b>	SIZE <b>A4</b>
		<b>per sensore pompa acqua</b>	DATE <b>19/06/2001</b>	SHEET	
			SUPERSEDES		
		<b>MOTORE F1A</b>	SCALE <b>1:1</b>	<b>IVECO</b>	
			Q.TY <b>1</b>		



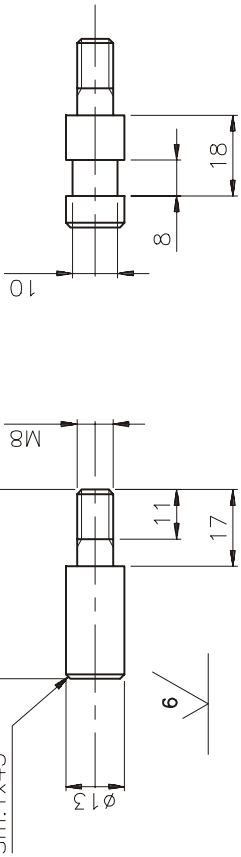
12 / ( 6 ) Sm. 0.5x45°

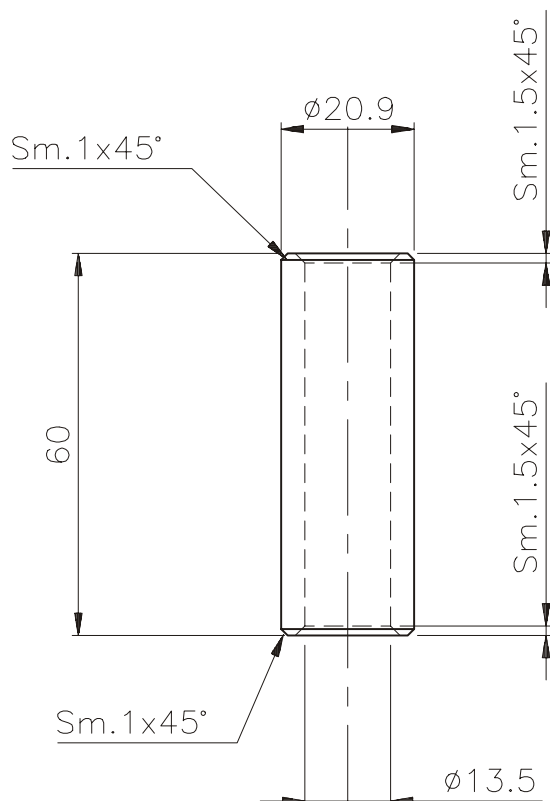
For the permissible errors on the dimensions without tolerance and for other general specifications, see **IVECO** STD 10-2311

MAT. <b>Vedi dis.</b>		COVER: <b>Fosfat.</b>		DRAWN <b>UTS (B)</b>		N°DRAWING <b>SP. 2263</b>	
ISO 178 A 30 R 0,4		<b>Attrezzo per ritegno</b>		APPROVED		EXPER. <b>2263</b> SIZE <b>A3</b>	
		<b>puleggia dentata comando</b>		DATE <b>09/01/2002</b>		SHEET	
<div><div></div><div>+</div></div>		<b>pompa alta pressione</b>		SUPERSEDES		<div><div></div><div></div></div>	
<div><div><b>15.18-0011</b></div><div><b>15.18-0011</b></div></div>				SCALE <b>1:1</b>		<b>IVECO</b>	
Any infringement will be legally pursued.		<b>MOTORE FIA</b>		Q.TY <b>1</b>			
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DET. PERNO "B"  
Varia dal dett. "A"

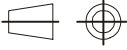
solo x quanto indicato

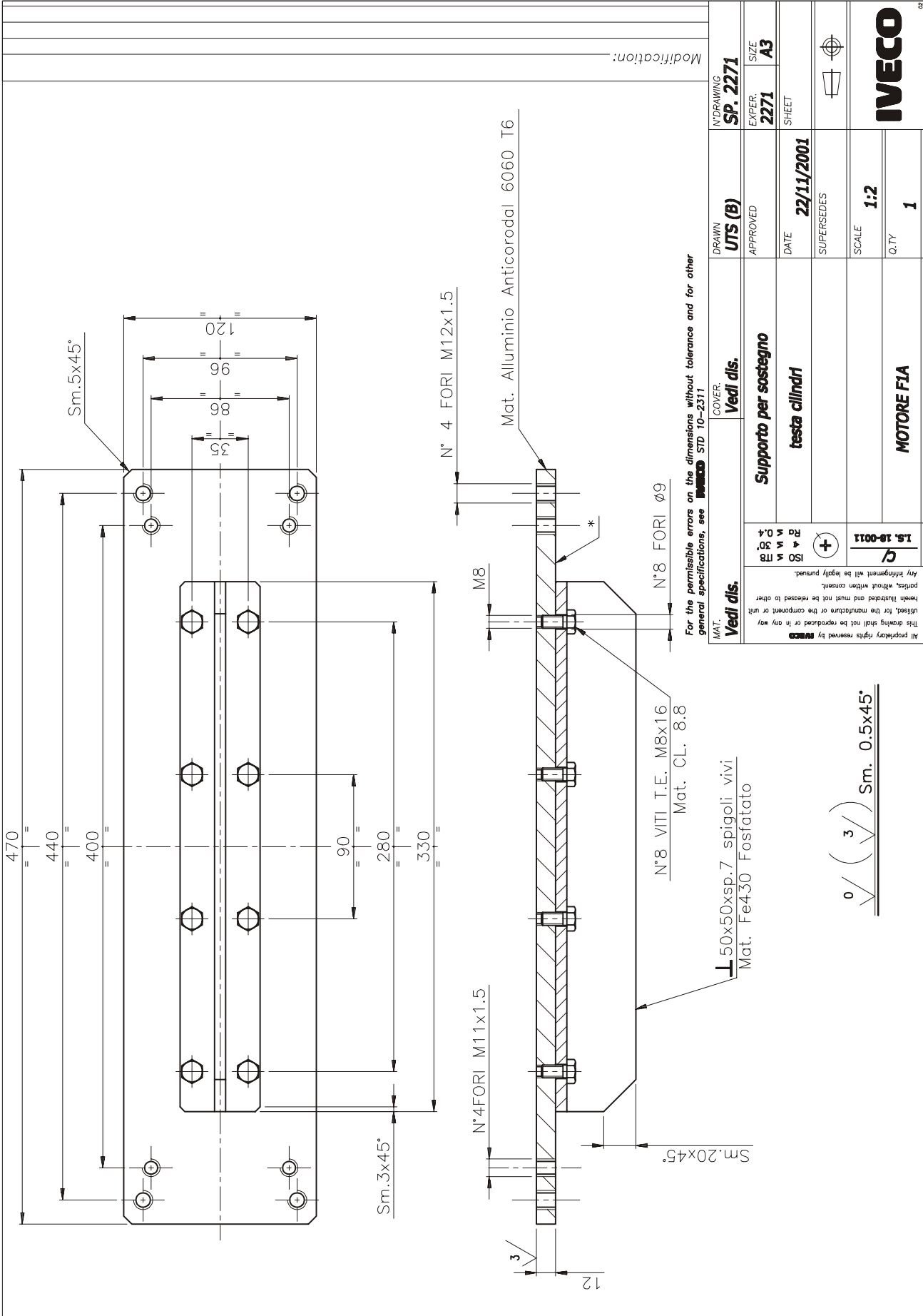





Modification:

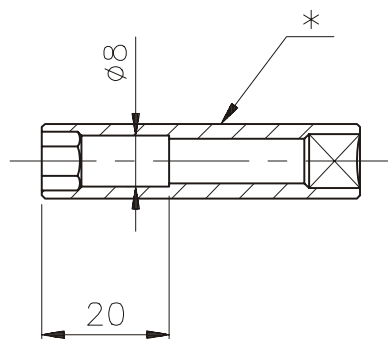
For the permissible errors on the dimensions without tolerance and for other general specifications, see **IVECO** STD 10-2311

MAT. <b>Pom / Nylon</b>		COVER. <b>/</b>	DRAWN <b>UTS (B)</b>	N°DRAWING <b>SP. 2264</b>	
All proprietary rights reserved by <b>IVECO</b> This drawing shall not be reproduced or in any way utilised, for the manufacture or the component or unit herein illustrated and must not be released to other parties, without written consent. Any infringement will be legally pursued.	ISO ≤ IT8 α ≤ 30' Ra ≤ 0.4 	<b>Perni di centraggio sovratesta</b>	APPROVED	EXPER. <b>2264</b>	SIZE <b>A4</b>
		<b>e per piantaggio guarnizione</b>	DATE <b>19/06/2001</b>	SHEET	
		<b>guida valvole</b>	SUPERSEDES		
		<b>MOTORE F1A</b>	SCALE <b>1:1</b>		
			Q.TY <b>2</b>		



MAT. <b>Vedi dis.</b>		COVER. <b>Vedi dis.</b>	DRAWN <b>UTS (B)</b>		N°DRAWING <b>SP. 2271</b>	
<div>ISO 50 178</div> <div>Ra 4 30' 0.4</div> <div><div><div></div><div>+</div></div></div> <div>Key infringement will be legally pursued.</div>			APPROVED		EXPER. <b>2271</b>	SIZE <b>A3</b>
			DATE <b>22/11/2001</b>		SHEET	
			SUPPERSEDES			
<div>1.5. 18-0011</div> <div><div><div></div><div>C</div></div></div> <div>This drawing shall not be reproduced or in any way used, for the manufacture or the component or unit.</div> <div>All proprietary rights reserved by <b>IVECO</b></div>			SCALE <b>1:2</b>		<b>IVECO</b>	
			Q.TY <b>1</b>			
<b>MOTORE FIA</b>			<b>Supporto per sostegno</b>			
<b>testa cilindri</b>						

VARIA DA ART. COMMERCIALE USAG cod.235EL 1/4" – Ch.8  
SOLO PER QUANTO INDICATO



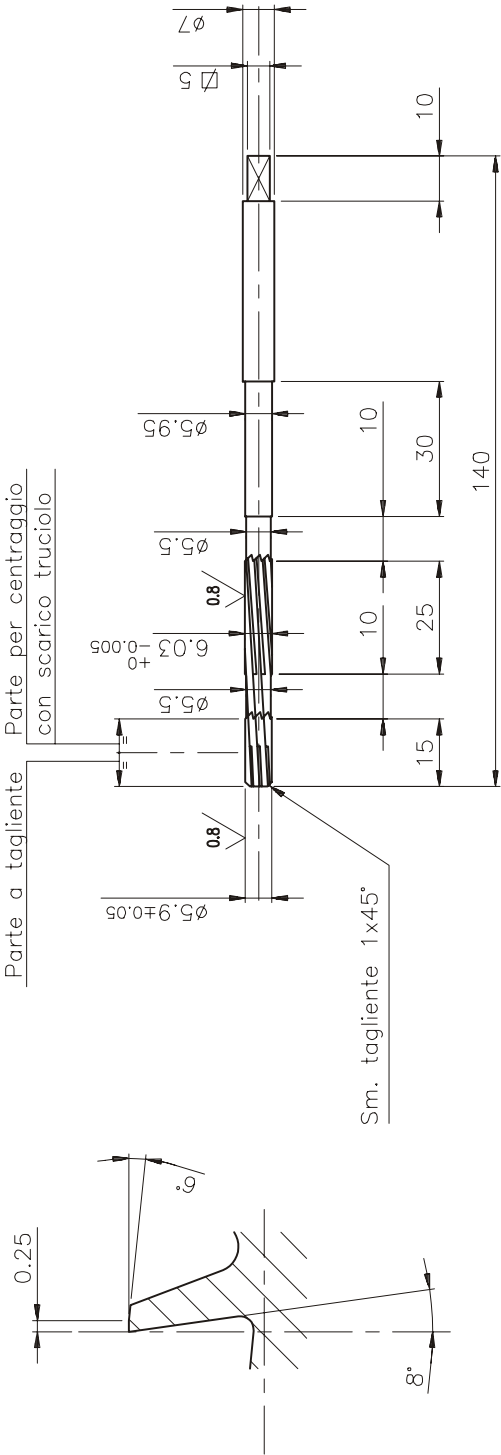
6  
Sm. 0.5x45°

Modification:

For the permissible errors on the dimensions without tolerance and for other general specifications, see **IVECO** STD 10-2311

MAT. /		COVER. /	DRAWN UTS (B)	N°DRAWING SP. 2275	
<div>All proprietary rights reserved by IVECO This drawing shall not be reproduced or in any way utilised, for the manufacture or the component or unit herein illustrated and must not be released to other parties, without written consent. Any infringement will be legally pursued.</div>	<div>ISO ≤ IT8 α ≤ 30° Ra ≤ 0.4</div> <div><div>+</div></div> <div>C/ I.S. 18-0011</div>	Bussola (8 mm) per montaggio/  smontaggio candele	APPROVED	EXPER. 2275	SIZE A4
			DATE 25/07/2001	SHEET	
			SUPERSEDES	<div><div></div><div></div></div>	
		MOTORE F1A	SCALE 1:1	IVECO	
			Q.TY 1		

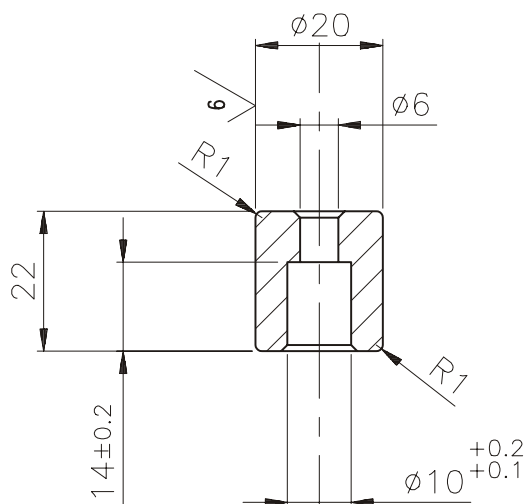
PARTIC. DENTE – Scala 10:1



N° 6 DENTI – ELICA SINISTRA – INCLINAZIONE 6°

For the permissible errors on the dimensions without tolerance and for other general specifications, see **IVECO** STD 10-2311

MAT.		COVER.		DRAWING		N° DRAWING	
UNI U100WC HRC 62-64		/		UTS (B)		SP. 2310	
Lisciatolo per guida valvole				APPROVED		EXPER. SIZE	
				DATE		2310	
				SUPERSEDES		SHEET	
						10/12/2001	
						SCALE	
						1:1	
						Q.TY	
						1	



Modification:

For the permissible errors on the dimensions without tolerance and for other general specifications, see **IVECO** STD 10-2311

MAF.

39NiCrMo3 Bon.

COVER.

Fosfat.

DRAWN

UTS (B)

N°DRAWING

SP. 2311

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Any infringement will be legally pursued.

ISO ≤ IT8

α ≤ 30'

Ra ≤ 0.4

+

C/

I.S. 18-0011

Battitoio per piantaggio

guida valvole

(usare con sp. 2312)

MOTORE F1A

APPROVED

DATE

10/12/2001

SUPERSEDES

SCALE

1:1

Q.TY

1

EXPER.

2311

SIZE

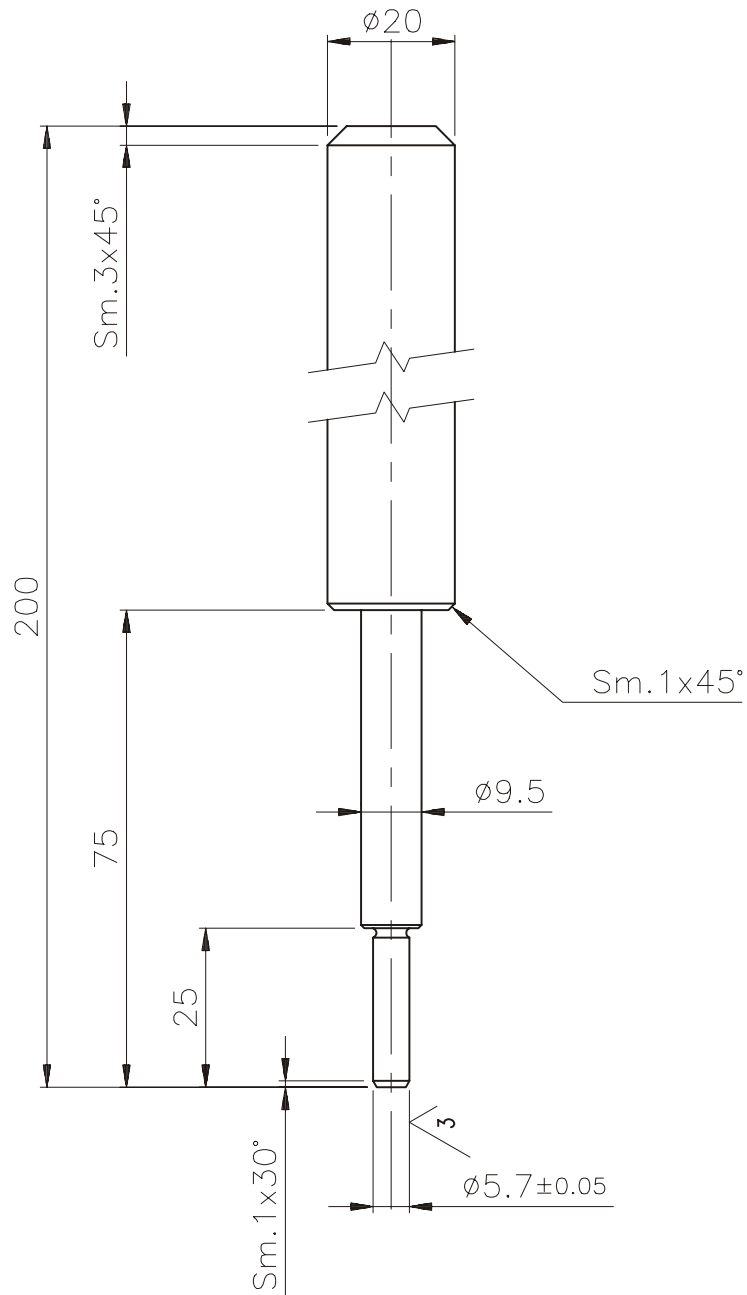
A4

SHEET

IVECO

02

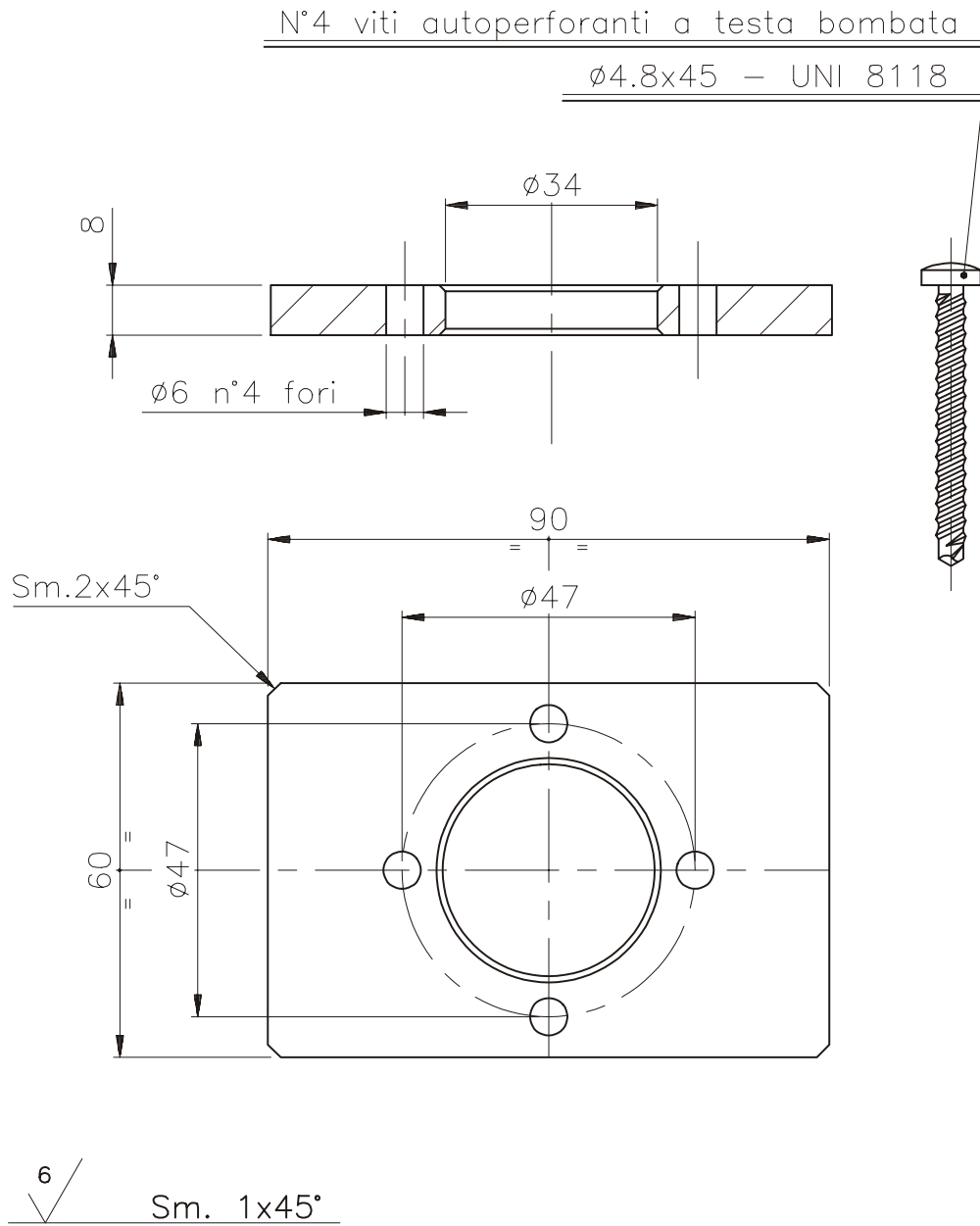




For the permissible errors on the dimensions without tolerance and for other general specifications, see **IVECO** STD 10-2311

Modification:

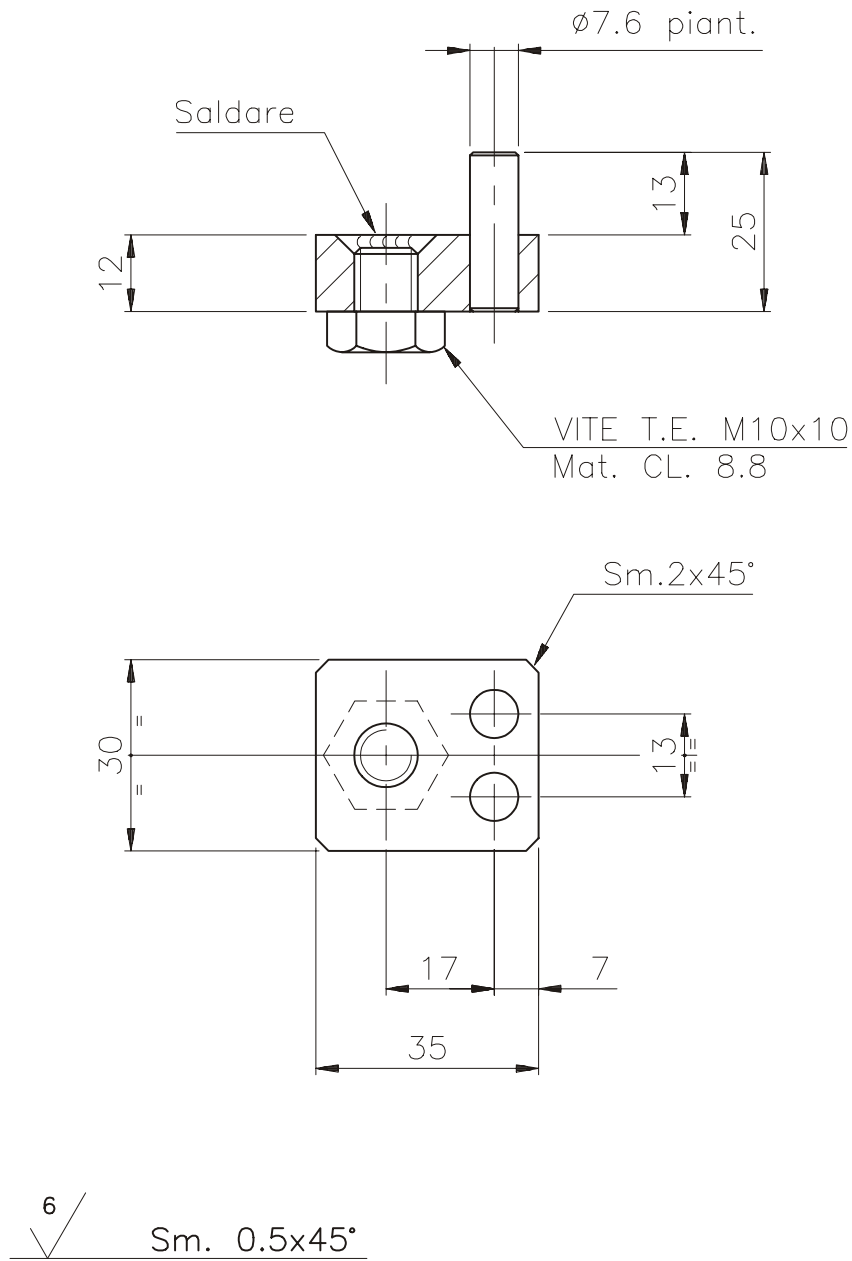
MAT. <b>39NiCrMo3 Bon.</b>		COVER. <b>Fosfat.</b>	DRAWN <b>UTS (B)</b>	N°DRAWING <b>SP. 2312</b>	
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		<b>guida valvole</b>	DATE <b>10/12/2001</b>	SHEET	
			SUPERSEDES		
			SCALE <b>1:1</b>		
		<b>MOTORE F1A</b>	Q.TY <b>1</b>		



Modification:

For the permissible errors on the dimensions without tolerance and for other general specifications, see **IVECO** STD 10-2311

MAT. <b>Fe430B</b>		COVER. <b>Fosfat.</b>	DRAWN <b>UTS (B)</b>	N°DRAWING <b>SP. 2325</b>	
<small>All proprietary rights reserved by IVECO. This drawing shall not be reproduced or in any way utilised, for the manufacture or the component or unit herein illustrated and must not be released to other parties, without written consent. Any infringement will be legally pursued.</small>		<b>Attrezzo per estrazione</b>	APPROVED	EXPER. <b>2325</b>	SIZE <b>A4</b>
		<b>guarnizione albero distribuzione</b>	DATE <b>01/02/2002</b>	SHEET	
			SUPERSEDES		
		<b>MOTORE F1A</b>	SCALE <b>1:1</b>	<b>IVECO</b>	
C/ <b>1.S. 18-0011</b>			Q.TY <b>1</b>		



Modification:

For the permissible errors on the dimensions without tolerance and for other general specifications, see **IVECO** STD 10-2311

MAT. <b>C40 Bon.</b>		COVER. <b>Fosfat.</b>	DRAWN <b>UTS (B)</b>	N° DRAWING <b>SP.2341</b>	
All proprietary rights reserved by <b>IVECO</b> This drawing shall not be reproduced or in any way utilised, for the manufacture or the component or unit herein illustrated and must not be released to other parties, without written consent. Any infringement will be legally pursued.		<b>Chiave per tensionamento tenditore</b>		APPROVED	EXPER. <b>2341</b>
		<b>cinghia compressore condizionatore</b>		DATE <b>05/03/2002</b>	SIZE <b>A4</b>
				SUPERSEDES	SHEET
				SCALE <b>1:1</b>	
c/ <b>I.S. 18-0011</b>		<b>MOTORE F1A</b>		Q.TY <b>1</b>	

