

M5 X 16 HEXAGON SOCKET HEAD CAP SCREW  
WITH NYLON LOCK NUT (44P 13010)  
(44P 13009)

SHOULDER SCREW  
44P 13012\*

SUPPORT ROD  
44P 13002\*<sup>3</sup>

BUTT GRIP PIN  
44P 13005\*

CLAMP LEVER  
44P 13008\*

WASHER  
44P 13004\*

BUTT GRIP  
44P 13001\*

CIRCLIP  
44P 13007

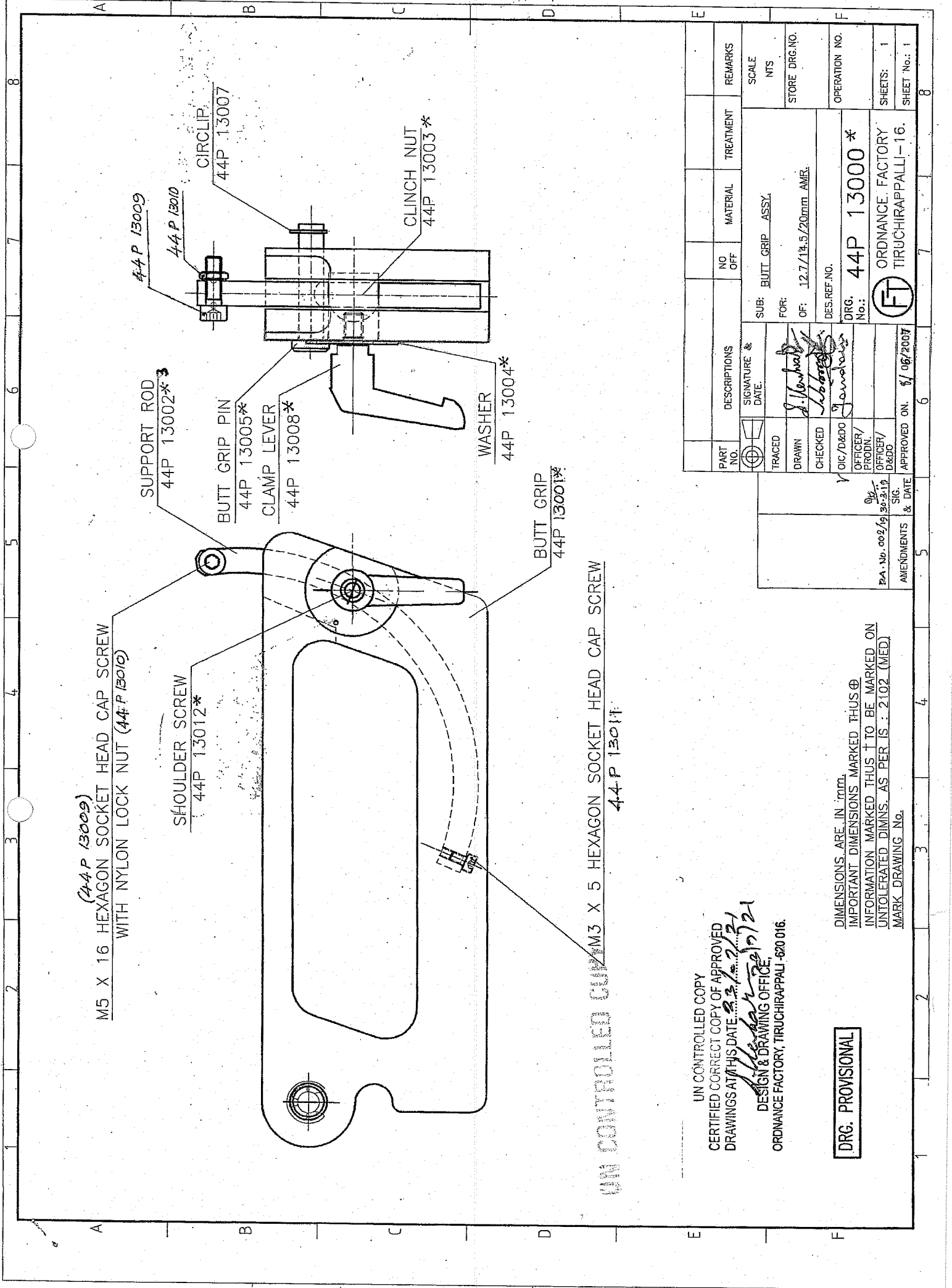
CLINCH NUT  
44P 13003\*

UN CONTROLLED COPY M3 X 5 HEXAGON SOCKET HEAD CAP SCREW  
44P 13011

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CERTIFIED CORRECT COPY OF APPROVED  
DRAWINGS AT HIS DATE 23/02/21  
DESIGN & DRAWING OFFICE.  
ORDNANCE FACTORY, TIRUCHIRAPPALI - 620 016.

DRG. PROVISIONAL

DIMENSIONS ARE IN mm.  
IMPORTANT DIMENSIONS MARKED THUS Ø  
INFORMATION MARKED THUS † TO BE MARKED ON  
UNTOLERATED DIMS. AS PER IS : 2102 (MED)  
MARK DRAWING No.



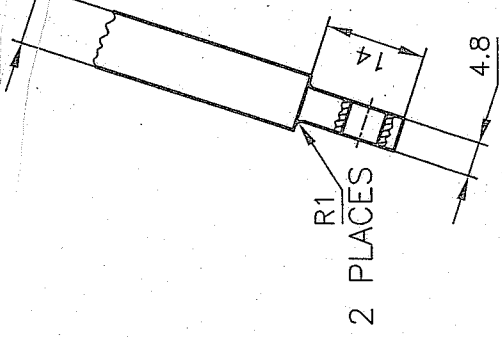
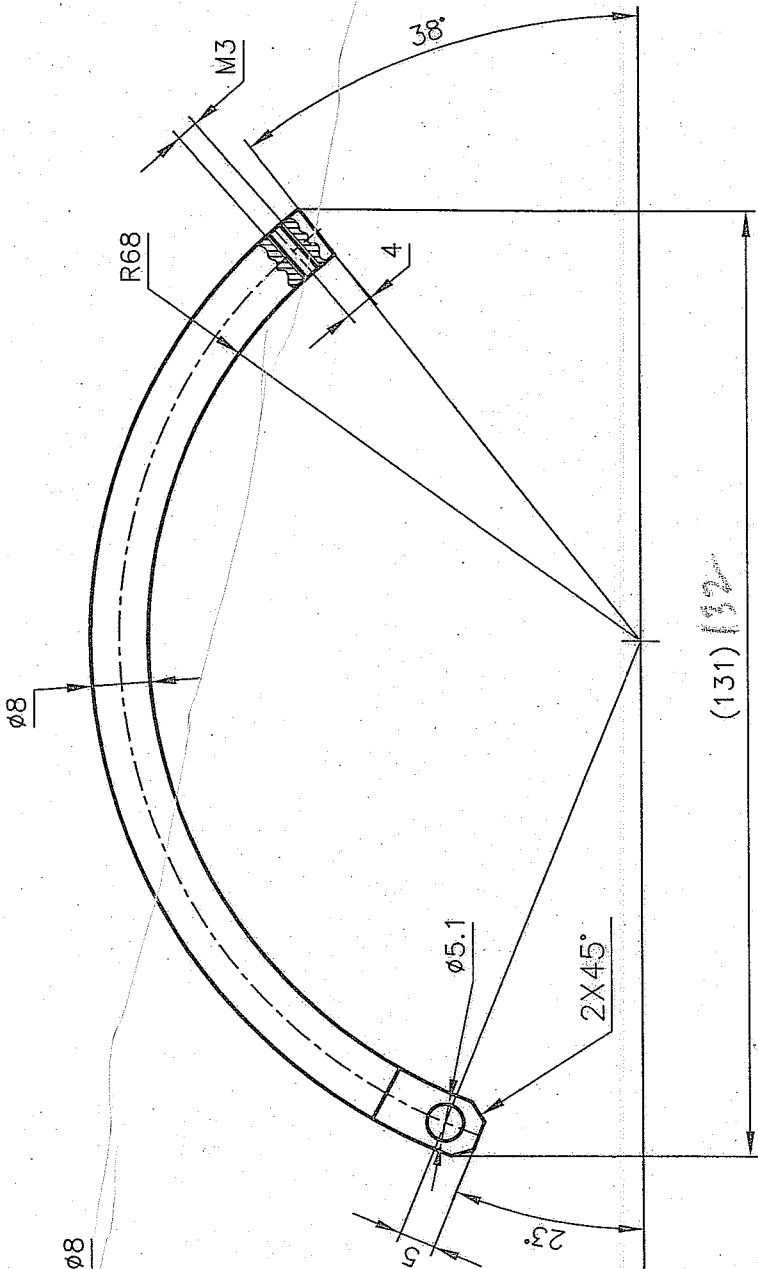
PART NO.	DESCRIPTIONS	NO OFF	MATERIAL	TREATMENT	REMARKS
	SUB: BUTT GRIP ASSY.				SCALE NTS
	FOR: OF: 12.7/14.5/20mm AMR.				STORE DRG. NO.
	DES. REF. NO.				OPERATION NO.
	ORG. No.: 44P 13000*				SHEETS: 1
	ORDNANCE FACTORY TIRUCHIRAPPALI-16.				SHEET No.: 1

TRACED	SIGNATURE & DATE	APPROVED ON
	<i>S. Narayana</i>	10/06/2007
	<i>S. Lakshmi</i>	
	<i>S. Jamboree</i>	

OFFICER/PRODN/D&DO	OFFICER/PRODN/D&DO	SIG & DATE

PA. No. 002/19/30-2-19	APPROVED ON
	10/06/2007

AMENDMENTS & DATE



UN CONTROLLED COPY  
 CERTIFIED CORRECT COPY OF APPROVED  
 DRAWINGS AT HIS DATE 23/05/21  
 DESIGN & DRAWING OFFICE  
 ORDNANCE FACTORY, TIRUCHIRAPPALI-620 016.

LENGTH OF THE ROD 156mm

MATERIAL: STAINLESS STEEL

IS: 6603-2001 Gr.X30Cr13

HARDNESS : 390 - 450 HV.

DIMENSIONS ARE IN mm.  
 UNTOLERATED DIMNS. AS PER IS : 2102 (MED)  
 SHARP CORNERS SHOULD BE BLUNT TO R 0.5

PART NO.	DESCRIPTIONS	NO OFF	MATERIAL	TREATMENT	REMARKS
	SIGNATURE & DATE				SCALE 1:1
TRACED	<i>[Signature]</i>				STORE DRG.NO.
DRAWN	<i>[Signature]</i>				OPERATION NO.
CHECKED	<i>[Signature]</i>				SHEETS: 1
HOS/D&DO	<i>[Signature]</i>				SHEET No.: 1
NODAL OFFICER FOR MSL OFFICER/D&DO					
APPROVED ON: 08/05/2007					
SUB: SUPPORT ROD		DES. REF. NO.		DRG. 44P 13002 *3	
FOR: BUTT GRIP ASSY.		OF: 12.7/14.5/20mm AMR		No.: FT TIRUCHIRAPPALI-16.	
AMENDMENTS & DATE		SIG. & DATE			
DA. NO. 005/21		<i>[Signature]</i>			
DT. 03/07/21		<i>[Signature]</i>			
DA. NO. 048/19		<i>[Signature]</i>			
DT. 29/07/19		<i>[Signature]</i>			
DA. NO. 002/19		<i>[Signature]</i>			
SL. NO. 14		<i>[Signature]</i>			

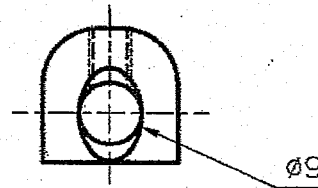
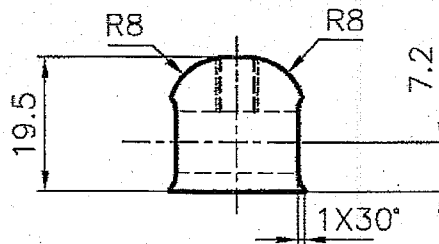
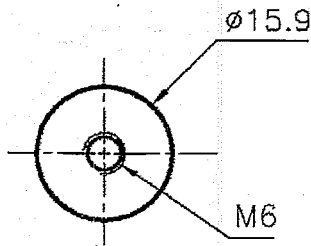
DIMENSIONS ARE IN mm.

UNTOLERATED DIMNS. AS PER IS : 2102 (MED)

IMPORTANT DIMNS MKD THUS.

'†' MARK DRAWING No.

SHARP CORNER'S TO BE BLUNT TO R0.2



UN CONTROLLED COPY

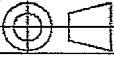

MATERIAL :- ~~EN19~~ STAINLESS STEEL

① IS: 6603-2001, Gr. X30 Cr 13

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DRAWINGS AT THIS DATE 23/07/21

DESIGN & DRAWING OFFICE,  
ORDNANCE FACTORY, TIRUCHIRAPPALI - 620 016.

PART NO.	DESCRIPTIONS	NO OFF.	MATERIAL	TREATMENT	REMARKS
 TRACED DRAWN CHECKED OIC/D&DO OFFICER/ PRODN. OFFICER/ D&DO APPROVED ON. 05/2006	SIGNATURE & DATE.	SUB: CLINCH NUT			SCALE NTS
	<i>S. Venkatesh</i>	FOR: BUTT GRIP ASSY.			STORE DRG.NO.
	<i>S. Venkatesh</i>	OF: 12.7/14.5/20mm AMR.			-
	<i>J. Ramdas</i>	DES. REF. NO.			OPERATION NO.
		DRG. No.: 44P 13003*			-
		 ORDNANCE FACTORY TIRUCHIRAPPALI-16.			SHEETS: 1
AMENDMENTS	SIG. & DATE				SHEET No.: 1

① DA.No.002/19 30.3.19

SIG. & DATE

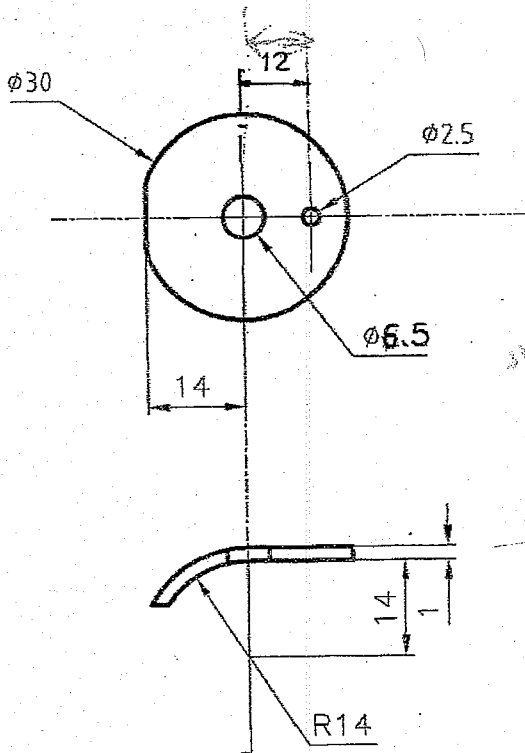
DIMENSIONS ARE IN mm.

UNTOLERATED DIMNS. AS PER IS : 2102 (MED)

IMPORTANT DIMNS MKD THUS.

'T' MARK DRAWING No.

SHARP CORNER'S TO BE BLUNT TO R0.2



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 DRAWINGS AT THIS DATE 23/02/21  
*S. Venkatesh*  
 DESIGN & DRAWING OFFICE,  
 ORDNANCE FACTORY TIRUCHIRAPPALI - 620 016

① BS: 1449 Pt-1, 1983 Gr. CS 40 (OR) CS 50 SEC-4  
 MATERIAL : ~~CS 40 OR CS 50~~ (OR)  
IS: 2307-1975 Gr.1, DESIGN. 45 CB (OR) 55 CB

DRG. PROVISIONAL

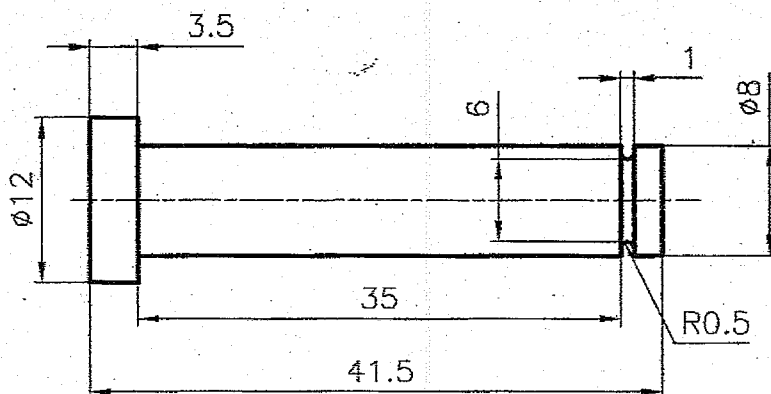
PART NO.	DESCRIPTIONS	NO OFF	MATERIAL	TREATMENT	REMARKS
① DA No. 002/19 SIG. & DATE: <i>S</i> 30.3.19 APPROVED ON: 05/2006	SIGNATURE & DATE: <i>S. Venkatesh</i>	SUB: <u>WASHER</u>	SCALE NTS		
	TRACED	FOR: <u>BUTT GRIP ASSY.</u>	STORE DRG. NO. -		
	DRAWN <i>S. Venkatesh</i>	OF: <u>12.7/14.5/20mm AMR.</u>	OPERATION NO. -		
	CHECKED <i>S. Venkatesh</i>	DES. REF. NO.	SHEETS: 1		
	OIC/D&DO <i>S. Venkatesh</i>	DRG. No.: <u>44P 13004*</u>	SHEET No.: 1		
OFFICER/PRODN.	OFFICER/D&DO	ORDNANCE FACTORY TIRUCHIRAPPALI-16.			

DIMENSIONS ARE IN mm.

UNTOLERATED DIMNS. AS PER IS : 2102 (MED)

'T' MARK DRAWING No.

SHARP CORNERS TO BE BLUNT TO R 0.2



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DRAWINGS AT THIS DATE 23/07/21

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ORDNANCE FACTORY, TIRUCHIRAPPALI - 620 016.


MATERIAL 30XH2 M $\phi$ A GOST 4543-71

HARDNESS: 39-44 HRC  $\odot$

**DRG. PROVISIONAL**

ALT. MATL: BS. 970 PT.1-1983 GR. 826 M 31 (OR) EN 25  
(OR)

IS: 5517-1993, DES. 31 Ni 10 Cr 3 Mo 6  $\odot$

PART NO.	DESCRIPTIONS	NO OFF	MATERIAL	TREATMENT	REMARKS
	SIGNATURE & DATE.		FOR: <b>BUTT GRIP PIN</b>		SCALE 2 : 1
	TRACED		FOR: <b>BUTT GRIP ASSY.</b>		STORE DRG.NO.
	DRAWN <i>S. Venkatesh</i>		OF: <b>12.7/14.5/20 mm AMR</b>		OPERATION NO.
	CHECKED <i>Sanjay</i>		DES. REF. NO.		
	OIC/D&DO <i>Sanjay</i>		DRG. No.: <b>44P 13005*</b>		
	OFFICER/PRODN.		 <b>ORDNANCE FACTORY TIRUCHIRAPPALI-16.</b>		SHEETS: 1
	OFFICER/D&DO			SHEET No.: 1	
	APPROVED ON.07/2007				

① DA.No. 002/19 30.3.19  
SIG. & DATE

AMENDMENTS

SIG. & DATE

APPROVED ON.07/2007

1

2

3

4

DIMENSIONS ARE IN mm.  
 UNTOLERATED DIMNS. AS PER IS : 2102 (MED)

CRAMP TEST : THE SPRING TO BE COMPRESSED TO A LENTH OF 3mm  
 FOR A PERIOD OF 12 HOURS BEFORE GAUGING.  
 ONE COIL AT EACH END TO BE CLOSED.

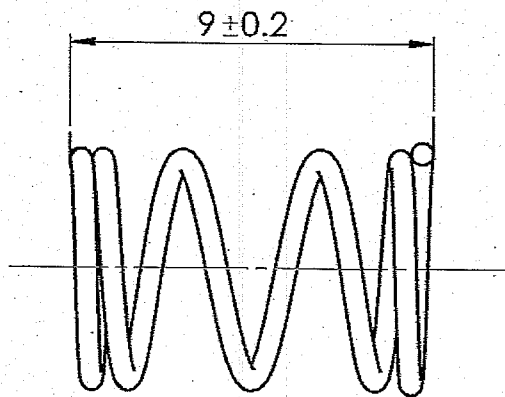
SPRING TO BE STRESS RELIEVED.

MATERIAL:-

IS : 4454 (Pt.I) 2001 Gr.'DH'

PROTECTIVE FINISH : PHOSPATED TO SPECIFICATION. JSS : 0465-01-1988

CLASS-I (ACCELERATED) OIL FINISH.



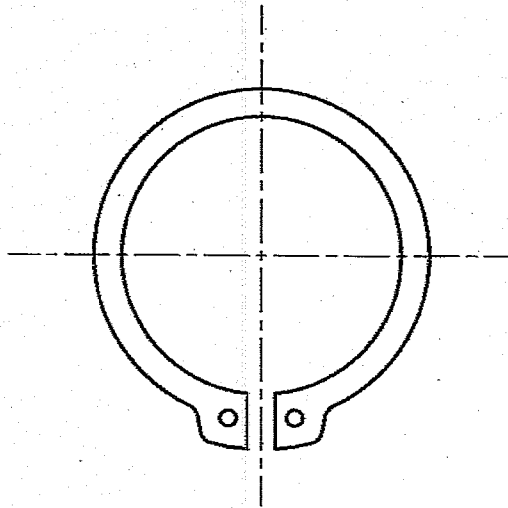
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WIRE DIA : 0.6mm.  
 MEAN DIA : 6.4mm.  
 No. OF EFFECTIVE COIL : 2  
 WOUND : RH (OR) L.H

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 DRAWINGS AT THE DATE 23/07/21  
 S. Venkatar 23/7/21  
 DESIGN & DRAWING OFFICE,  
 ORDNANCE FACTORY, TIRUCHIRAPPALI - 620 016.

			SIGNATURE & DATE.	SUB: SPRING	SCALE NTS
		TRACED			
		DRAWN	<i>Ch</i>	OF : 14.5/20mm AMR	STORE DRG.NO.
		CHECKED		DES.REF.NO.	OPERATION NO.
		HOS/D&DO	<i>Mh</i>	DRG. No.: 44P 13006	
		OFFICER/PRODN.		ORDNANCE FACTORY TIRUCHIRAPPALI-16.	SHEETS: 1
OFFICER/D&DO		SHEET No.: 1			
AMENDMENTS	SIG. & DATE	APPROVED ON.			

DIMENSIONS ARE IN mm.  
 UNTOLERATED DIMNS. AS PER IS : 2102 (MED)

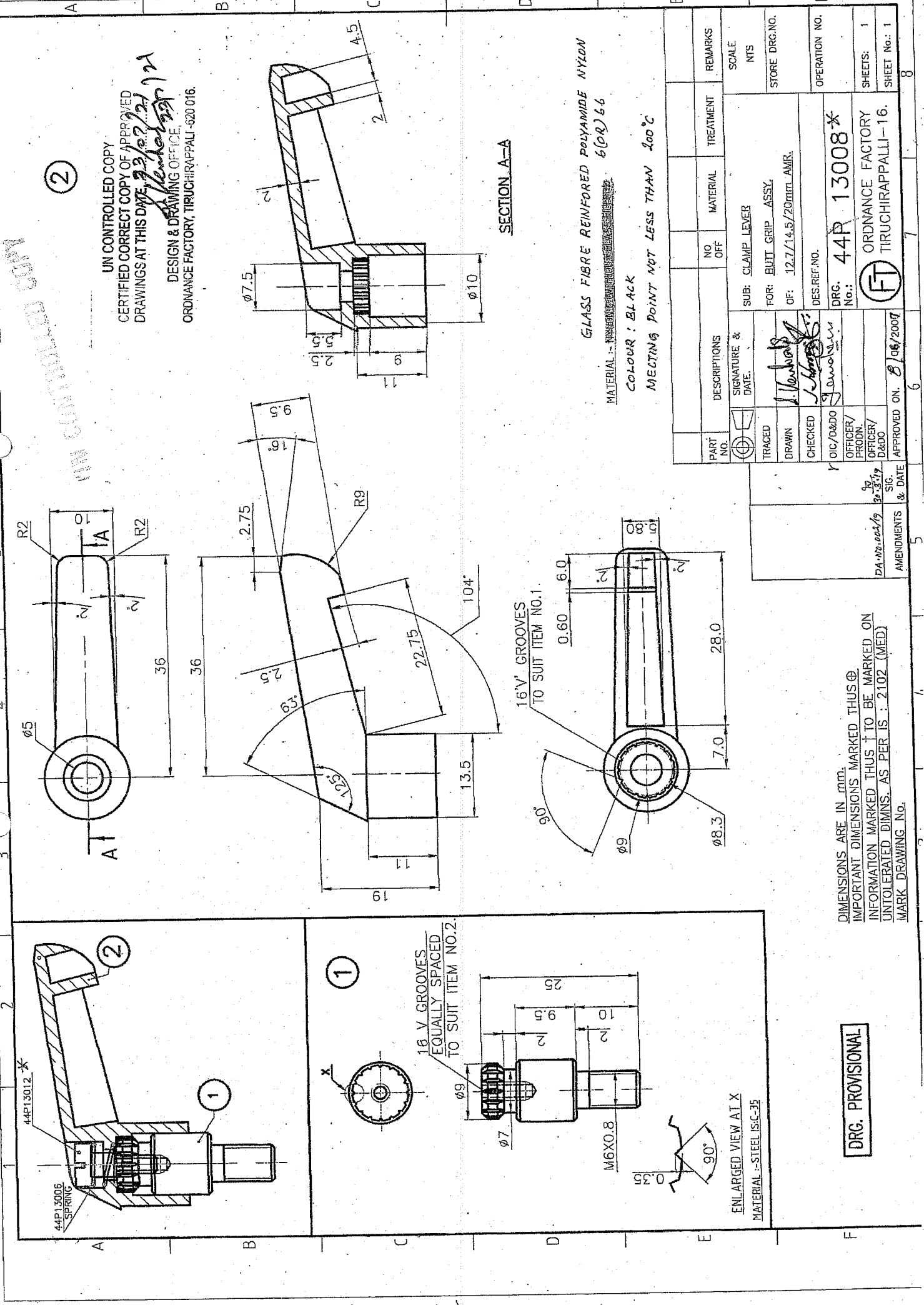


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*S. Venkatesh*  
 DESIGN & DRAWING OFFICE,  
 ORDNANCE FACTORY TIRUCHIRAPPALLI-16.

STANDARD CIRCLIP LIGHT A 8 IS : 3075 - 1965

1	CIRCLIP	1			
PART NO.	DESCRIPTIONS	NO OFF	MATERIAL	TREATMENT	REMARKS
	SIGNATURE & DATE.	SUB: CIRCLIP			SCALE NTS
TRACED		FOR: BUTT GRIP ASSY			STORE DRG.NO.
DRAWN	<i>AK</i>	OF: 14.5/20 mm AMR			
CHECKED		DES.REF.NO.			OPERATION NO.
HOS/DDO	<i>AK</i>	DRG. No.: 44P 13007			
OFFICER/ PRODN.		ORDNANCE FACTORY TIRUCHIRAPPALLI-16.			SHEETS: 01
OFFICER/ D&DO	<i>AK</i>				SHEET No.: 01
AMENDMENTS	SIG. & DATE	APPROVED ON.			



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 DRAWINGS AT THIS DATE: 23/03/2007  
 DESIGN & DRAWING OFFICE,  
 ORDNANCE FACTORY, TRICHIRAPPALI - 620 016.

SECTION A-A

GLASS FIBRE REINFORCED POLYAMIDE NYLON  
 MATERIAL: ~~NYLON 66~~  
 COLOUR: BLACK  
 MECTING POINT NOT LESS THAN 200 °C

PART NO.	DESCRIPTIONS	NO OFF	MATERIAL	TREATMENT	REMARKS
	SUB: CLAMP LEVER				SCALE NTS
	SIGNATURE & DATE:				STORE DRG. NO.
TRACED	FOR: BUILT GRIP ASSY.				OPERATION NO.
DRAWN	OF: 12.7/14.5/20mm AMR.				SHEETS: 1
CHECKED	DES. REF. NO.				SHEET No.: 1
OIC/D&DO	DRG. No.: 44P 13008 *				
OFFICER/PRODN.	ORDNANCE FACTORY				
OFFICER/D&DO	TRICHIRAPPALI - 16.				
APPROVED ON: 21/06/2007					

DIMENSIONS ARE IN mm.  
 IMPORTANT DIMENSIONS MARKED THUS ⊕  
 INFORMATION MARKED THUS † TO BE MARKED ON  
 UNTOLERATED DIMS. AS PER IS : 2102 (MED)  
 MARK DRAWING No.

DRG. PROVISIONAL

ENLARGED VIEW AT X  
 MATERIAL: STEEL IS-C-35

WIN CONTROLLED.COM

2

1

8

8

6

5

4

3

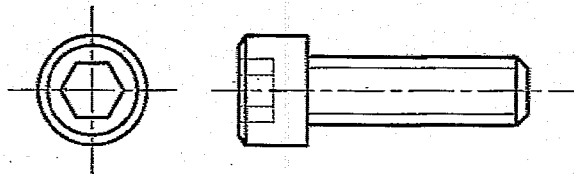
2

1

F



DIMENSIONS ARE IN mm.  
 UNTOLERATED DIMNS. AS PER IS : 2102 (MED)

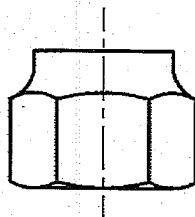
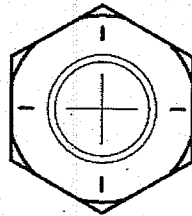


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 DRAWINGS AT THIS DATE 23/02/21  
 DESIGN & DRAWING OFFICE,  
 ORDNANCE FACTORY, TIRUCHIRAPPALI -620 016.

STANDARD SOC. HD. CAP SCREW IS:2269 M5 x 16 x 0.8 P 12.9 HIGH TENSILE  
 2006


1	SOC. HD. CAP SCREW	1			
PART NO.	DESCRIPTIONS	NO OFF	MATERIAL	TREATMENT	REMARKS
	SIGNATURE & DATE.	SUB: SOC. HD. CAP SCREW			SCALE NTS
	TRACED	FOR: BUTT GRIP ASSY.			STORE DRG.NO.
	DRAWN <i>Asa</i>	QF: 14.5/20 mm AMR			
	CHECKED	DES.REF.NO.			OPERATION NO.
	HOS/DDO <i>Asa</i>	DRG. No.: 44P 13009			
	OFFICER/ PRODN.	ORDNANCE FACTORY TIRUCHIRAPPALI-16.			SHEETS: 01
	OFFICER/ D&DO <i>Asa</i>				SHEET No.: 01
AMENDMENTS	SIG. & DATE	APPROVED ON.			

DIMENSIONS ARE IN mm.  
 UNTOLERATED DIMNS. AS PER IS : 2102 (MED)

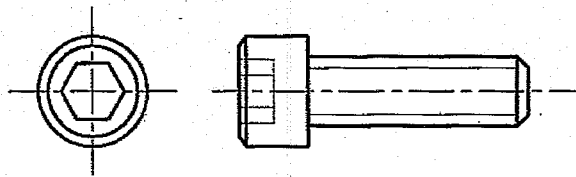


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 DRAWINGS AT THIS DATE 23/12/21  
*S. Venkatar*  
 DESIGN & DRAWING OFFICE, 23/12/21  
 ORDNANCE FACTORY, TIRUCHIRAPPALI - 620 016.

STANDARD NYLOC NUT IS:10511-2012 M5 x 0.8

1	NYLOC NUT	1			
PART NO.	DESCRIPTIONS	NO OFF	MATERIAL	TREATMENT	REMARKS
	SIGNATURE & DATE.	SUB: NYLOC NUT			SCALE NTS
	TRACED	FOR: BUTT GRIP ASSY			STORE DRG.NO.
	DRAWN <i>AK</i>	OF: 14.5/20 mm AMR			OPERATION NO.
	CHECKED	DES.REF.NO.			
	HOS/DDO <i>M</i>	DRG. No.: 44P 13010			
	OFFICER/PRODN.	 ORDNANCE FACTORY TIRUCHIRAPPALI-16.			SHEETS: 01
	OFFICER/D&DO <i>AK</i>				SHEET No.: 01
AMENDMENTS	SIG. & DATE	APPROVED ON.			

DIMENSIONS ARE IN mm.  
 UNTOLERATED DIMNS. AS PER IS : 2102 (MED)



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 DRAWINGS AT THIS DATE: 23/2/21  
 S. Venkatesh  
 DESIGN & DRAWING OFFICE  
 ORDNANCE FACTORY, TIRUCHIRAPPALI-620 016

STANDARD SOC. HD. CAP SCREW IS:2269-2006 M3 x 6 x 0.5 P 12.9 HIGH TENSILE

1	SOC. HD. CAP SCREW		1			
PART NO.	DESCRIPTIONS		NO OFF	MATERIAL	TREATMENT	REMARKS
		SIGNATURE & DATE.	SUB: SOC. HD. CAP SCREW			SCALE NTS
		TRACED	FOR: BUTT GRIP ASSY.			STORE DRG.NO.
		DRAWN	OF: 14.5/20 mm AMR			
		CHECKED	DES.REF.NO.			OPERATION NO.
		HOS/DDO	DRG. No.: 44P 13011			
		OFFICER/ PRODN.	ORDNANCE FACTORY TIRUCHIRAPPALLI-16.			SHEETS: 01
		OFFICER/ D&DO				SHEET No.: 01
AMENDMENTS	SIG. & DATE	APPROVED ON.				

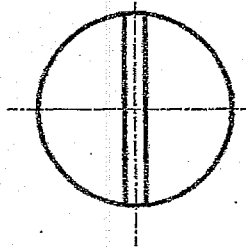
DIMENSIONS ARE IN mm.

UNTOLERATED DIMNS. AS PER IS : 2102 (MED)

IMPORTANT DIMNS MKD THUS.

' T ' MARK DRAWING No.

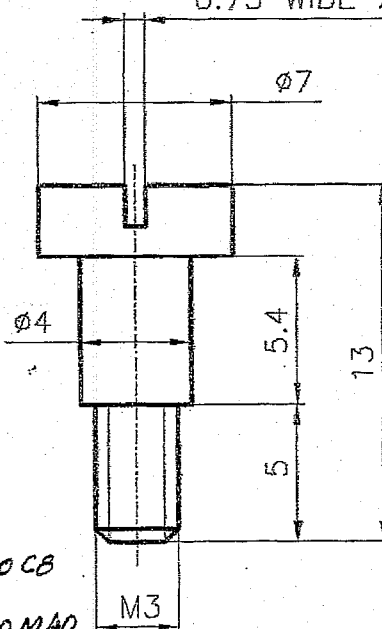
SHARP CORNER'S TO BE BLUNT TO R0.2



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0.75 WIDE X 1.5 DEEP

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 DRAWINGS AT THIS DATE 29.3/27/21  
*S. Venkatesh*  
 DESIGN & DRAWING OFFICE,  
 ORDNANCE FACTORY, TIRUCHIRAPPALI - 620 016.



MATERIAL : - ~~C 35~~

IS: 5517-1993 DESIGN 40 C8  
 (OR)

BS: 970- Pt-1, 1983 Gr. 080 M40  
 (En 8)

**DRG. PROVISIONAL**

PART NO.	DESCRIPTIONS	NO OFF	MATERIAL	TREATMENT	REMARKS
 TRACED DRAWN <i>S. Venkatesh</i> CHECKED <i>S. Venkatesh</i> OIC/D&DO <i>S. Venkatesh</i> OFFICER/PRDGN. OFFICER/D&DO DA-No. 02/19 30.3.19 SIG. & DATE AMENDMENTS:	SIGNATURE & DATE.	SUB: <b>SHOULDER SCREW</b>			SCALE NTS
		FOR: <b>BUTT GRIP ASSY.</b>			STORE DRG.NO.
		OF: <b>12.7/14.5/20mm AMR.</b>			
		DES. REF. NO.			OPERATION NO.
		DRG. No.: <b>44P 13012*</b>			SHEETS: 1
		ORDNANCE FACTORY TIRUCHIRAPPALLI-16.			SHEET No.: 1
	APPROVED ON.	05/2006			