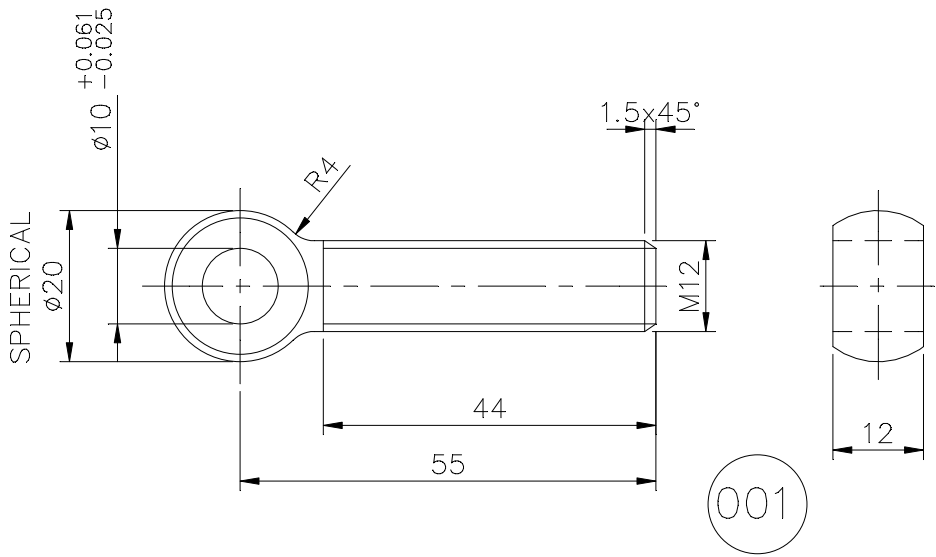


216035/2024/HEP-SWM20900

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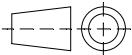
REV. 05	DATE 17.03.09	ALTERED CHECKED APPROVED	SSA RRR HRP	REV. 06	DATE 18.05.23	ALTERED CHECKED APPROVED	SKG SUMIT AD	ADDITIONAL INFORMATION
NOTE-2 DELETED.				- THREADED PORTION INCREASED FOR ITEM-001.				STATUS OF DRAWING
(DCA NO. 28653)				(DCA NO.38188)				DISTRIBUTION OF PRINTS □.C.-1 TCX-1 SWM-4



FINISH :-
ZINC PLATE & PASSIVATE TO AA0673603 & 0673604
(0.013 TK. MIN.)

NOTES :-
1. THREADS SHALL CONFIRM TO PRECISION CLASS MEDIUM AS PER DIN 267.
~~2. SURFACE FINISH OF THREADS 25KM.~~
3. FOR ADDITIONAL DESIGN PARAMETERS REFER SC7773112.

MATERIAL - STEEL FORGINGS TO AA19331.

REF. DRG. NO.	ST946110	003	M12x75 LG. SWING BOLT						
	ST946109	002	M12x65 LG. SWING BOLT						
	ST946609	001	M12x55 LG. SWING BOLT						
	REMARKS	ITEM NO.	DESCRIPTION	STD	MATL. CODE	MATL. SPCN.	UNIT	UNIT WT.	QTY.
SIGN. & DATE	28 → CARD TYPE-3		28 → CARD TYPE-1		28 → CARD TYPE-2				
	<div><div><div>बी एच ई एल</div><div>BHEL</div></div><div>HAKjr gsOh bysDV&hdYl fyfeVsM HAKsiky BHARAT HEAVY ELECTRICALS LTD. BHOPAL</div></div>				uke NAME	gLrk SIGN	fnuakd DATE	osfj_ dh la[;k NO. OF VAR.	
					cuk;k DRN	CD	Sd/-	21.1.89	
					tkapk CKD	MZG	Sd/-	-	-
INVENTORY NO.					vugeksfnr APPD	SMM	Sd/-	17.2.89	
	foHAKx DEPT	vu_ Vky_ uki dh Js.kh UNTOL.DIMS. GR.		vuqikr SCALE	HAKj fd_xk- WEIGHT <K.G.>	vls_M&kbZax dk lanHAZ REF. TO ASSY. DRG.		en d- ITEM NO.	en la[;k NO. OF ITEM
	dksM CODE	409		1:1	-	35211001679		001 002	003
	'Ah"AZD					vkjs[A d- DRAWING NO.			iquREV.
SWING BOLT					4 521 10 01716			06	
					i="B d- SET. No.		01	i="Bksa dh la[;k NO. OF SHT.	
								03	

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Technical drawing of a hexagonal nut. The drawing includes a side view on the left and a top view on the right. The side view shows a hexagonal nut with a height of 17.10 and a width of 7. The top view shows a hexagonal nut with a height of 21.10 and a width of 19. The thread specification is M12x1.

1564023-M12x1 TAP

FINISH:— ZINC PLATE & PASSIVATE TO PR.SPEC. 7608 & 7606
(0.013 TO 0.015 TK.)

►SDIS: 9893018671

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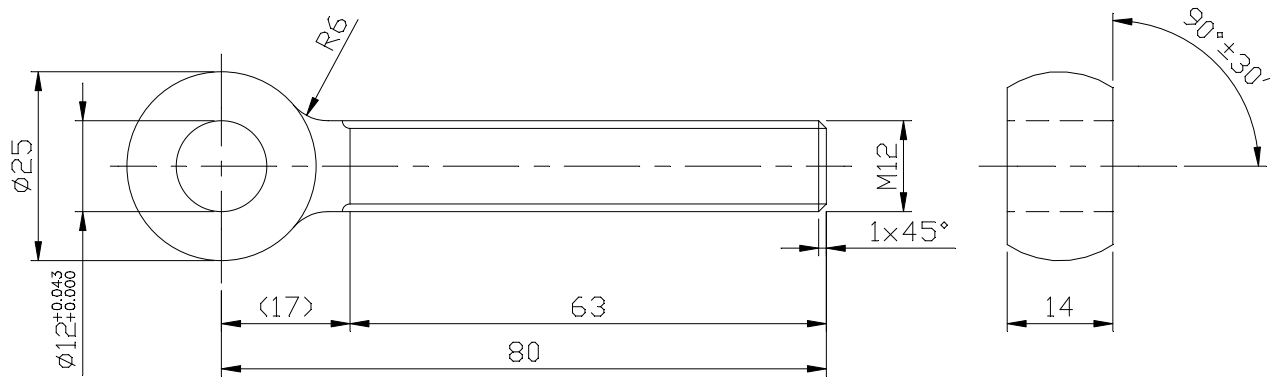
216035/2024/HEP-SWM20900

FIRST ANGLE PROJECTION (ALL DIMENSIONS ARE IN mm) 10/25

REV. 03	DATE 5.11.03	ALTERED CHECKED	SKG	ADDITIONAL INFORMATION
		APPROVED	SUMIT	
			AD	
DRG. REDRAWN MATL. SPEC. AA19331 WAS PS10124 (DCA.NO. 24154)			LENGTH OF THREAD INCREASED. DCA-38182	STATUS OF DRAWING B
DISTRIBUTION OF PRINTS		SWE 1	SWM 3	TCX 1

FINISH: -
ZINC PLATE AND PASSIVATE TO PR. SPEC. AA0673603 & AA0673604 (0.05 Tk. MIN.)

NOTE: -
1. MATERIAL : STEEL FORGINGS TO IS 2004 CLASS 2.
2. THREADS : PITCH COARSE TO IS 4218.
: TOLERANCE QUALITY -MEDIUM.
: TOLERANCE CLASS -68
3. FINISH : FORGED FINISHED AT THREADS ONLY.

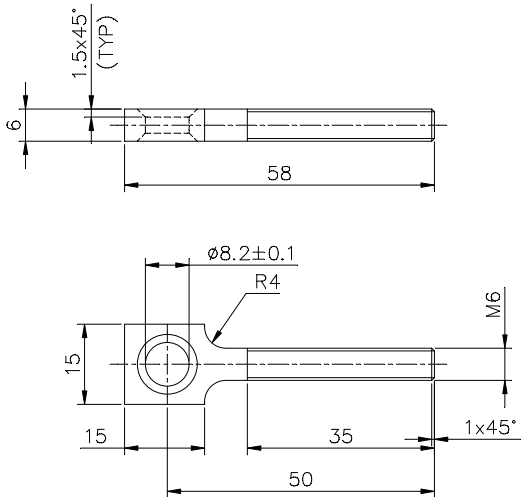


FILE NAME	BP9099431783		001	M12 x 80 Lg. STEEL SWING BOLT		-		AA 19331		KG.	-	
	65	75	25	27	29	58	59	34	45	55	56	58
	REMARKS		ITEM NO.		DESCRIPTION		STD	MATL. CODE		A	UNIT WT.	
							46	MATL. SPCN.		C	QTY.	
SIGN. & DATE	28 → CARD TYPE-3		28 → CARD TYPE-1		28 → CARD TYPE-2		uke NAME		qlrk SIGN	fnuokd DATE	osfj dh	
	BH&EH		HAKjr gsoh bysDV&hdYl fyfeVsM HAKsiky		BDV		Sd/-		8.10.82		NO. OF VAR.	
			BHARAT HEAVY ELECTRICALS LTD. BHOPAL		MZG		Sd/-		9.10.82			
					BPN/RKG		Sd/-		10.10.82			
INVENTORY NO.	foHAKx DEPT	vu Vky uki dh Js.kh		vugikr SCALE	HAKj fd_xk WEIGHT (K.G.)	vls_M&kbZax dk lanHAZ REF. TO ASSY. DRG.		en d ITEM NO.		en la k NO. OF ITEM		
	SWE	UNTOL.DIMS. GR. M				2 521 10 01558		010				
	dksM CODE	409		1:1								
	'Ah"AZd@					vksj[A d-DRAWING NO. 4 521 10 01593					iquREV. 04	
					i="B d-SOT. No. 01					i="Bkso dh la k NO. OF SHT. 01		

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INVENTORY No. 45211001585-R03-S01
SIGN & DATE REF. DRG. No.

REV.	DATE	ALTERED	REV.	DATE	ALTERED	ADDITIONAL INFORMATION
		CHECKED	03	27.01.03	CHECKED	STATUS OF DRAWING B
DRG. REDRAWN. (DCA 12301)						DISTRIBUTION OF PRINTS 0/C-1 SWM-3 TCX-1



FINISH: –
ZINC PLATE & PASSIVATE TO AA 0673603 & AA 0673604 (0.013 TO 0.015 TK.).
TOOL LIST
1498855 COLLET

ST943177	001	6 TK. x 15 x 58 LG. BRT. STEEL BAR	BP1010372041 BP10172	KG.	– 001
REMARKS	ITEM NO.	DESCRIPTION	MATL. CODE MATL. SPECN	A C UNITS	UNIT WT. QTY.

		BHATAT HEAVY ELECTRICALS LIMITED BHOPAL		NAME	SIGN.	DATE	NO.OF VAR
				DRN	B.D.V.	Sd/–	08.10.82
				CHD	M.Z.G.	Sd/–	09.10.82
				APPD	B.P.N./R.K.J.	Sd/–	10.10.82
DEPT. SWE	UN. TOL.DIM.GR.	SCALE	WEIGHT (Kg)	REF. TO ASSY. DRG.		ITEM NO.	NO.OF ITEMS
CODE 409	M AA 0230208	1:1		35211001532		006	001
TITLE				DRAWING No.			REV.
SWING BOLT				4 521 10 01 585			03
				SHEET NO. 01	NO.OF SHEETS 01		