



ISO 9001:2008, 14001:2004,
50001:2011 & OHSAS 18000
MAHARATNA COMPANY

MATERIAL MANAGEMENT (PURCHASE)
CENTRAL FOUNDRY FORGE PLANT, BHEL HARDWAR
RANIPUR, HARIDWAR (INDIA) – 249403
Phone No. +91-1334-281277/281299, FAX No. 225892
e-mail : vinaysingh@bhel.in; anuragkk@bhel.in

Sub: Tender Enquiry 201900411, Event ID: 28978

Dear Sir,

We are pleased to invite offer in **E-Tender** as per enclosed specifications & terms and conditions for the under mentioned items.

Sl No	Tender No	Description of Material	Qty	Date & Time Of Opening
01	201900411, Event ID: 28978	Material Code: FF6942006084 COUNTER BORING TOOL FOR DHB MACHINE, SIZE: DIA 236-251DRG. 04-02-006	40 No	18/06/2019 at 2.00 PM
02		Material Code: FF6942076040 GUIDE PADS FOR TREPANNING DRG. NO. 04-02-076, SIZE: DIA 111-161.9 MM	100 No	
03		Material Code: FF6942009016 GUIDE PADS FOR COUNTER BORING HEAD, DRG. NO. 04-02-009, SIZE: DIA 250	50 No	

Delivery Schedule: 60 days from PO date. Early delivery is acceptable

For New Vendor who are not registered with CFFP:

New Vendor who are not registered with CFFP are required to fill the Supplier Registration Form (SRF). The SRF can be filled online through <https://supplier.bhel.in/>. Please ensure to fill the SRF and it is requested to submit the Acknowledgement No./ Application no. of filled SRF along with the offer. Kindly read terms and conditions, offer not in accordance with the instructions is liable to be disqualified or ignored.

Please send the following along with the Offer:

1. Company Name and Address Proof.
 2. GST Number (Scan Copy of Acknowledgement)
 3. PAN Copy
 4. MSME Certificate (if Any)
- All the above documents should be signed and stamped.**

Please visit <https://bhel.abcprocure.com/EPROC/>; www.bhel.com or www.bhelhwr.co.in for more details & corrigendum if any for the tender enquiry. **Offers are to be submitted online in E-tender portal at <https://bhel.abcprocure.com/EPROC/>**

Offer to be submitted only on e-procurement portal. Hard copy of offer is not required to be submitted to CFFP. Any offers received in Hard copy shall not be accepted and straightaway rejected by CFFP. Before proceeding for submitting quotation in e-portal, supplier to ensure that they are having a valid Digital Signature Certificate (DSC). Valid DSC refers to an Active Signing and Encryption Certificate (both), with specification Class III SHA2 2048 bit

Thanking You,

Yours Faithfully,
For & On behalf of CFFP, BHEL, Hardwar

(Vinay K Singh)

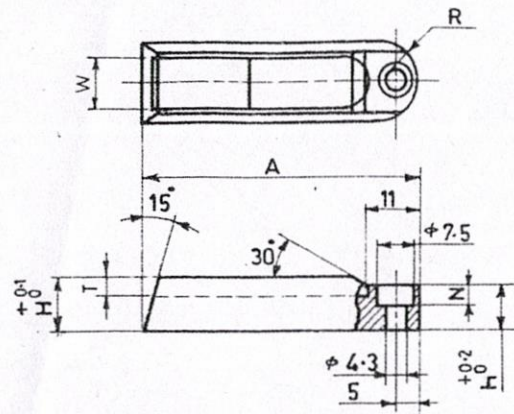
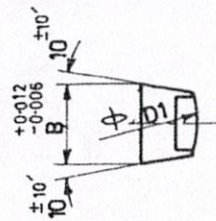
Sr. Engineer (Purchase)

Note: Corrigendum if any shall not be published, kindly refer <https://bhel.abcprocure.com/EPROC/> for any changes.

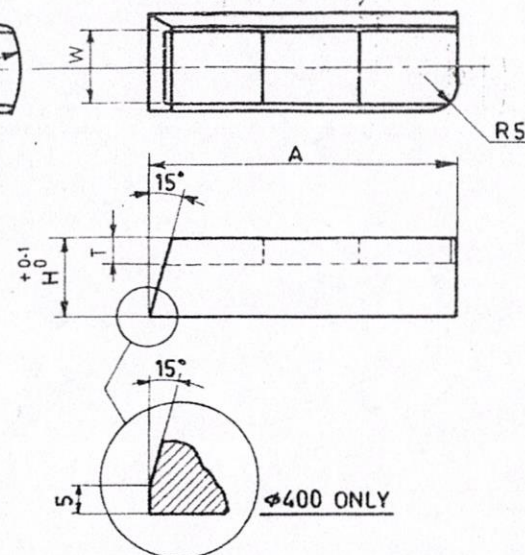
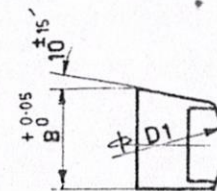
Pre-Qualifying Conditions :

SL.NO.	REQUIREMENT TO BE COMPLIED	VENDOR'S CONFIRMATION
1	Only those vendors to quote who are Original tool manufacturer or authorized dealer/distributor of Original tool manufacturer. Authorization certificate from Original tool manufacturer to be furnished by the vendor with the offer.	VENDOR TO CONFORM AND SUBMIT NECESSARY DOCUMENTS
2	Vendor should have supplied following items as per following details to qualify for subjected items of tender enquiry. (1) Vendor should have supplied minimum 15 Nos. of Boring/ Trepanning Tools of Dia 50mm or more for Deep Hole Boring application purpose (PQR for item no. 1) in any 1 financial year from financial year 2013-14 till the date of opening of tender. (2) Vendor should have supplied minimum 50 Nos. of carbide Guide Pads for Deep Hole Boring application purpose (PQR for item no. 2,3) in any 1 financial year from financial year 2013-14 till the date of opening of tender. Vendors fulfilling PQR criteria for subjected items will be considered for technical suitability of those items only. In case vendor doesn't fulfil PQR criteria for subjected item, technical suitability will not be assessed for that item.	VENDOR TO CONFORM AND SUBMIT P.O. COPIES/ INVOICE COPIES
	The following information is to be submitted by the participating vendor about the companies where such type of Tools have been supplied. This is required from all the vendors for qualification of their offer.	
2.a	Name and address of the customer / company where such tools have been supplied.	
2.b	Contact Details of the customer	VENDOR TO PROVIDE DETAIL
2.c	Purchase Order Copy / Invoice Copy	VENDOR TO PROVIDE DETAIL
2.d	Basic details of supplied tools	VENDOR TO PROVIDE DETAIL
2.e	(1) In case OEM is quoting in tender, he should submit PO/Invoice Copies as required in 2(c) in his own name (2) In case Trader is quoting in tender, he should submit PO/Invoice Copies as required in 2(c) in his own name. If the PO/Invoice Copy submitted is in the name of its OEM, authorization letter issued by OEM to trader to be submitted.	VENDOR TO PROVIDE DETAIL
2.f	BHEL reserves the right to verify the information provided by vendor. In case the information provided by vendor is found to be false/ incorrect, the offer shall be rejected.	VENDOR TO NOTE

BORING RANGE
50 - 85



85.1 OR LARGER



DIMENSION 'H' HAS CYLINDRICAL GRINDING SURPLUS.
GRADE OF CARBIDE TIPS ARE ISO P20
SHANK MATERIAL IS CARBON STEEL C30
SAND WICH BRAZED WITH 0.3MM COPPER PLATE.

TOLERANCES ± 0.25
UNLESS OTHERWISE STATED.

BORING RANGE	Φ D1	B	A	H	h	N	R	W	T
55-65.9	66.9	14	50	9.3	7.5	4	7	8	3
66-85.9	86.9	16	55	10.8	9.0	4.5	8	10	3
86-110.9	111.9	17	55	12.8	—	—	—	12	5
111-161.9	162.9	20	60	15.8	—	—	—	14.5	5
162-257.9	258.9	22	65	17.8	—	—	—	16	6
400	401	34	77.5	25.3	—	—	—	25.5	6

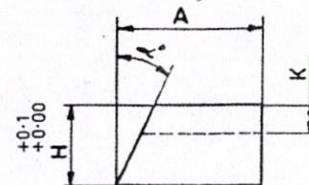
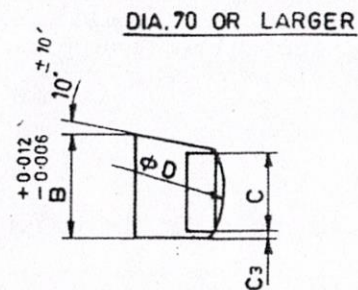


TREPPANNING GUIDE
PADS

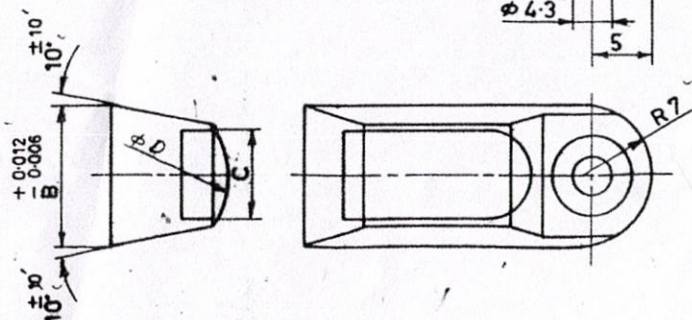
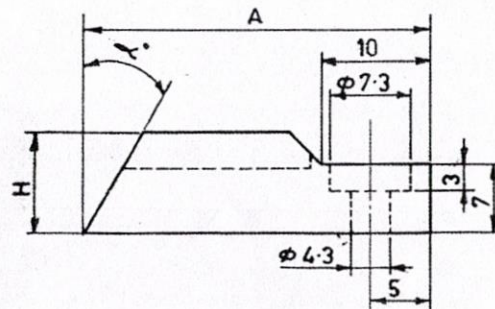
04-02-076

	NAME	SIGN	DATE
DRAWN	MISHRA		11-8-82
CHECKED	PANGLI		12-8-82
APPROVED			

CODE	WEIGHT	SCALE
		NTS
SHEET 1	TOTAL SHEETS 1	
C.F.F.P.	M.C. SHOP	



φ 47 - φ 70



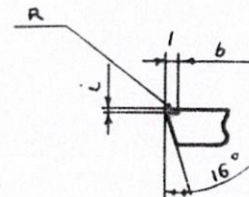
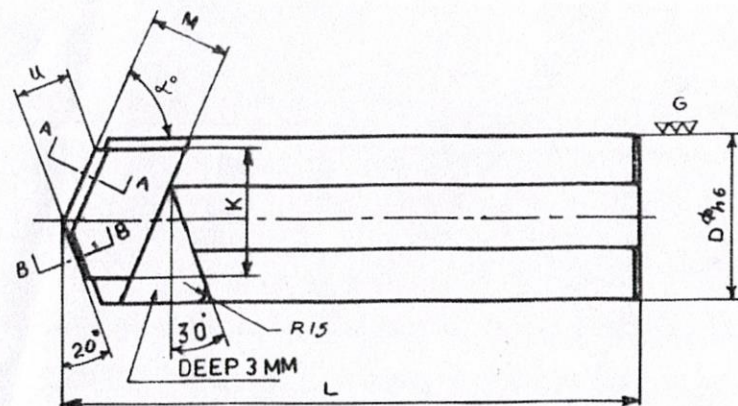
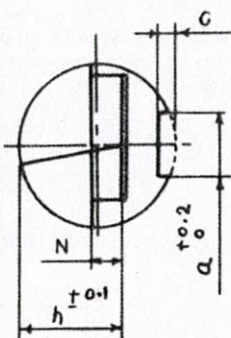
BORING φ IN MM	φ D	B	A	C	C3	H	λ	K
400	401	35	62	25	2	31.8	28°	8
250	251	30	51	23	1	30.3	20°	8
150	151	20	31	14.8	1	15.5	20°	7
127	128	20	31	14.8	1	14.8	30°	6
115	116	20	31	14.8	1	17.8	20°	6
110	111	20	31	14.8	1	15.3	25°	6
101.6	102.6	16	29	12	1	11.6	30°	5
100	101	16	29	12	1	10.8	30°	5
80	81	16	29	12	1	11.3	30°	5
63.5	64.5	14	35	9		9.55	30°	5
50	51	14	35	9		8.8	30°	4

DIMENSION 'H' INCLUDE CIRCLE GRINDING SURPLUS.
CARBIDE TIP GRADE IS ISO P 20
SHANK MATERIAL:- 555 C
CARBIDE BIT 'C' MUST BE RIGIDLY LOCATED IN SLOT.

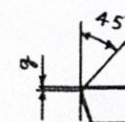
TOLERANCES ± 0.25 MM
UNLESS OTHERWISE STATED.

NOTE :- DIMENSION FOR SIZE 150 INCORPORATED.

				<u>GUIDE PADS</u> <u>FOR</u> <u>COUNTER BORE</u>		04-02-009	
						CODE	WEIGHT
DRAWN	NAME	SIGN	DATE	SHEET C.F.F.P.		TOTAL SHEETS M/C SHOP	
CHECKED	K.A.RAO		21.04				
APPROVED							



SECTION A-A



SECTION B-B

BORING RANGE DIM.	CATALOG NUMBERS	L	D	MAX. OF CUT	b	i	R	g	a	c	h	α	MXN	K
50-54	015-12	40	16	5	2.0	0.6	0.7	0.8	7.8	2.3	11	65°	9 X 5	14
62-66	015-15	45	"	"	"	"	"	"	"	"	"	"	9 X 5	14
80-85	015-24	61	25	7	2.2	0.6	"	1.0	"	2.8	16.5	"	13 X 6.5	19
100-106	015-28	76	"	"	"	"	"	"	"	"	"	"	13 X 6.5	19
107-115	015-31	85	32	10	2.4	"	"	"	12.8	3.3	21	"	17 X 7.5	25
125-135	015-33	98	"	"	"	"	"	"	"	"	"	"	17 X 7.5	25
145-155	015-35	116	"	"	"	"	"	"	"	"	"	"	17 X 7.5	25
236-251	015-53	150	48	24	2.6	"	"	1.2	"	3.5	30	50°	21 X 10	37

THIS DRAWING SHOWS THE DIMENSIONS OF CHIPBREAKERS THAT SUITS THE COMMONEST GROUPS OF STEEL USED IN INDUSTRIAL MACHINE SHOPS. PROPER DIMENSIONS OF CHIPBREAKERS MUST BE CHOSEN BY THE TYPES OF MATERIALS.

MATERIAL CARBIDE (P 40) TO BE BRAZED

CHK. NOS.	DOCU. NO.	SIGN.	DATE
DRAWN	D.K. MISHRA		12.5.77
DESIGNED	K.A. RAO		12.5.77
SUPER.			
TECH. CONT.			
STD. CONT.			
APPROVED	S. AGARWAL		12.5.77

COUNTER BORE TOOL BIT

04-02-006

LETTER	WEIGHT	SCALE
		NPS
SHEET	TOTAL SHEETS	
C.F.F.P.	M/C SHO	