

U.I.D. :

Qty :

D.
Date:

01/01/01

Status:

Observations:

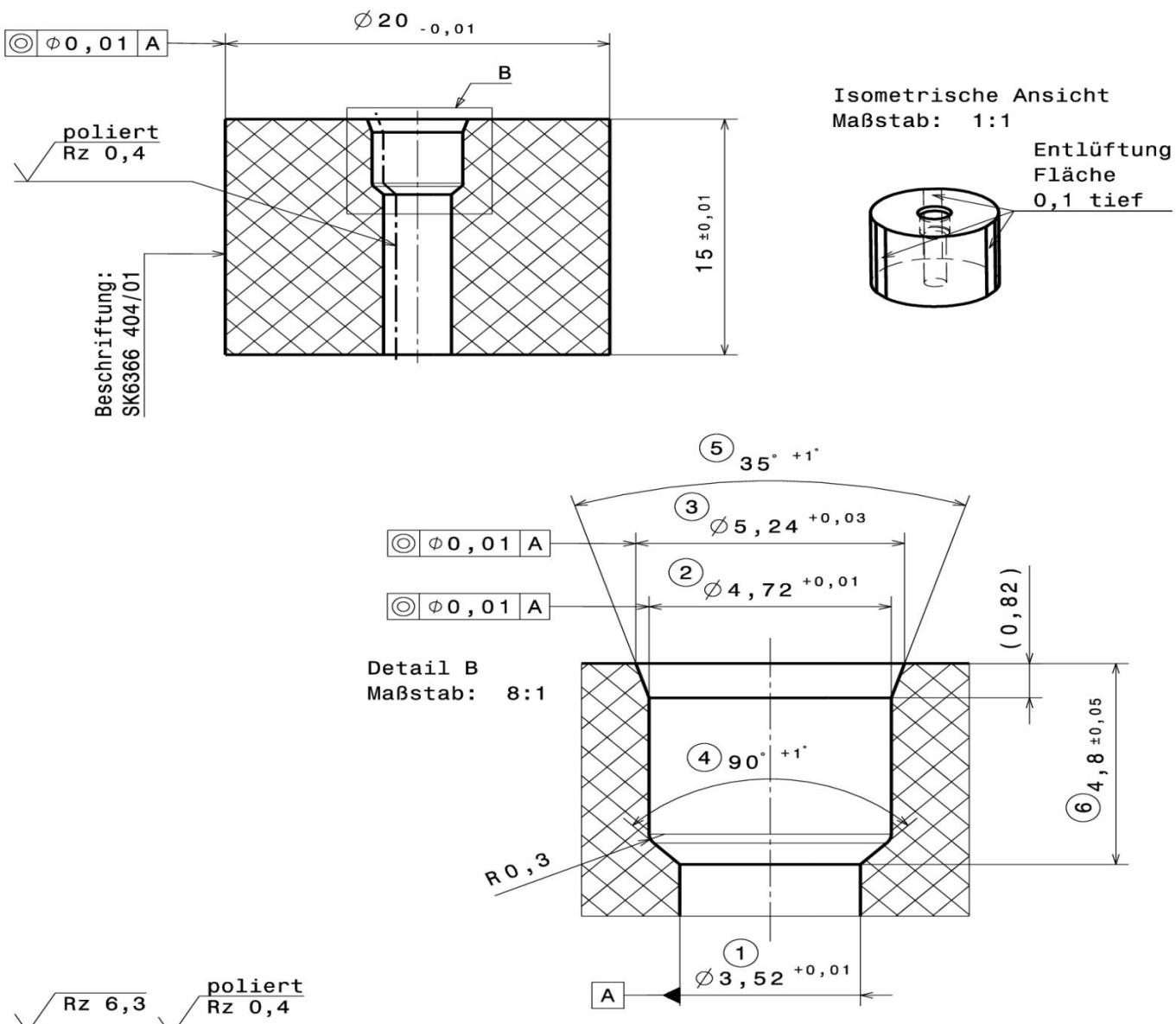
Times made: 1

Casing

HT

Carbide

QC Sign:



Für die gekennzeichneten Maße ① bis ⑥ ist ein Prüfprotokoll zu erstellen

NEDSCHROEF		allg. Tol.: DIN ISO 2768-m-K	Format A4	Nr.: 70119027	Maßstab: 3:1
CATIA V5		Gew.:	Werkstoff: G40		
01 Maß Ø4,75±0,01 entfernt		Datum	Name	Güte:	
08.12.16 IW		Bearb.	23.11.2016 GS	Benennung:	
		Gepr.TB		HM-Kern-MS - ST4 - MD26	
		Gepr.PR	08.12.2016 GS	M6x20,8/17,6 - Z7653	
		Gepr.A/E			
		CAD:	-	Zeichnung-Nr.	
		Vertraulich, alle Rechte vorbehalten. Weitergabe oder Vervielfältigung ohne vorherige schriftliche Zustimmung der NEDSCHROEF ALTENA GmbH verboten			Blatt
		SK6366 404/01			Bl1
Index	Anderung	Datum	Name	Urspr.: -	Kunde: -

REMARKS:-



37583	5	22-Dec-16	*NEW PRODUCT !			
U.I.D.	QTY	Delivery	Status	Obs	U.I.D.	QTY
Coating			Description Controlled Copy			
70119027 SK6366 404-01 Ind.01				Article	49.05/01223	

U.I.D. :

Qty :

D.
Date:

01/01/01

Status:

Observations:

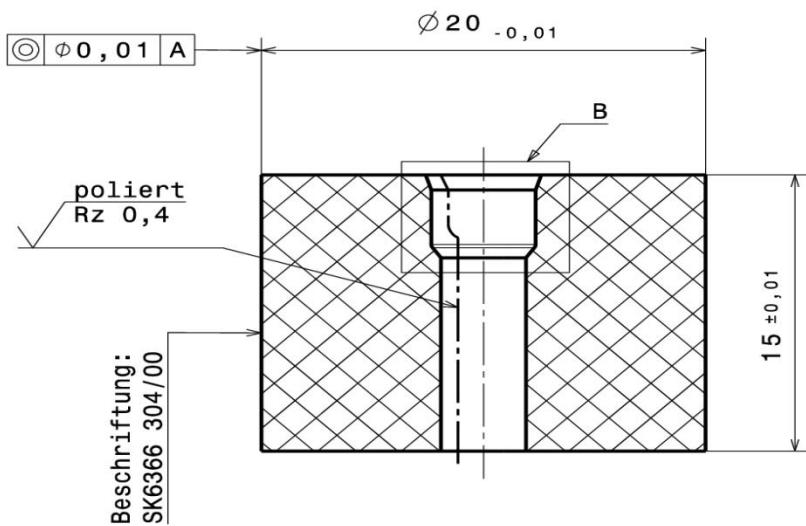
Times made: 1

Casing

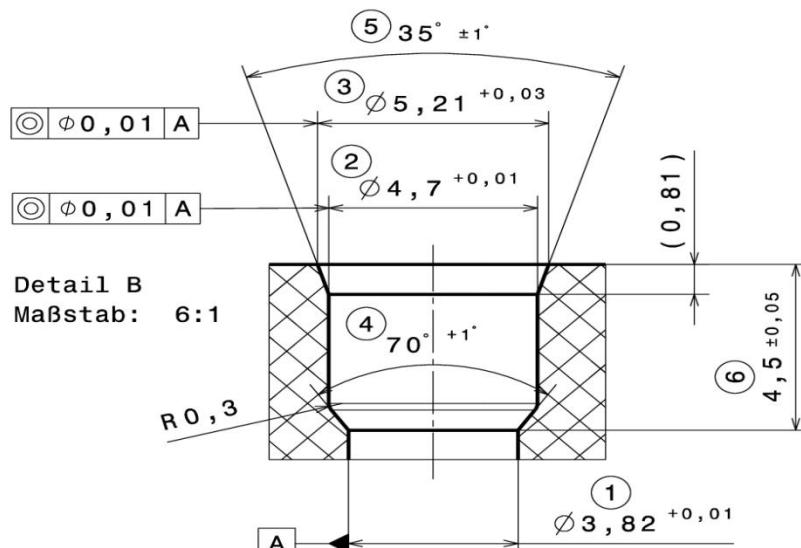
HT

Carbide

QC Sign:



Beschriftung:
SK6366 304/00



Für die gekennzeichneten
Maße ① bis ⑥ ist ein
Prüfprotokoll zu erstellen

NEDSCHROEF			allg. Tol.: DIN ISO 2768-m-K	Format A4	Nr.: 70119025	Maßstab: 3:1
			Gew.:		Werkstoff: G40	
CATIA V5			Datum	Name	Güte:	
			Bearb.	23.11.2016 GS	Benennung:	
			Gepr.TB		HM-Kern-MS - ST3 - MD26	
			Gepr.PR	23.11.2016 IW	M6x20,8/17,6 - Z7653	
			Gepr.A/E			
			CAD:	-	Zeichnung-Nr.	Blatt
			Vertraulich, alle Rechte vorbehalten. Weitergabe oder Vervielfältigung ohne vorherige schriftliche Zustimmung der NEDSCHROEF ALTENA GmbH verboten			Bl1.
Index	Anderung	Datum	Name	Urspr.: -	Kunde: -	

REMARKS:-



37587	5	22-Dec-16	*NEW PRODUCT !			
U.I.D.	QTY	Delivery	Status	Obs	U.I.D.	QTY
Coating			Description		Delivery	Status
			Protected according to ISO 16016	Controlled Copy	Obs	Article
			70119025 SK6366 304-00			49.05/01225

U.I.D. :	39664	Qty :	1	D. Date:	10/02/17	Status:	
-----------------	--------------	--------------	----------	---------------------	-----------------	----------------	--

Observations:

Casing

HT

Qty :

1

10/02/17

Status:

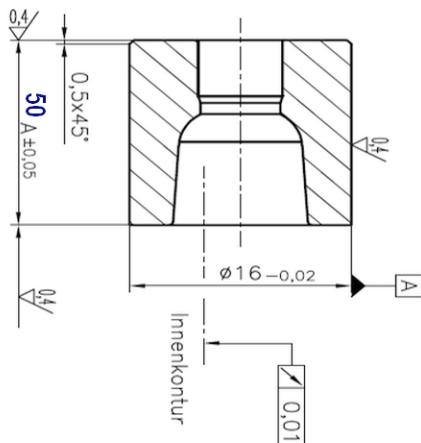
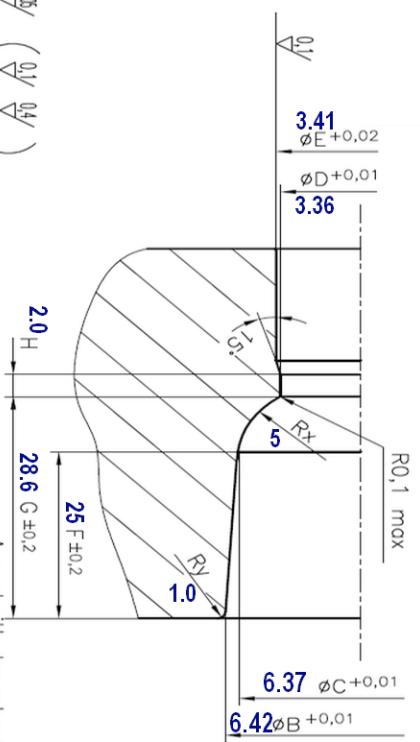
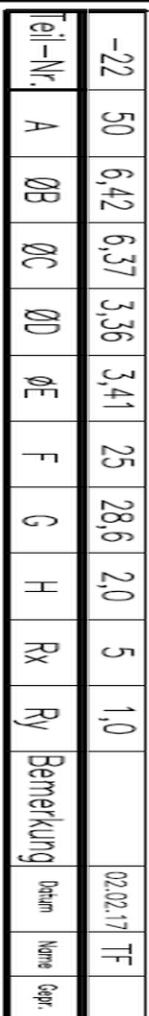
Times made:

1

HT

Carbide

QC Sign:



Ausschnitt: Innenkontur

REMARKS:-



WORLES

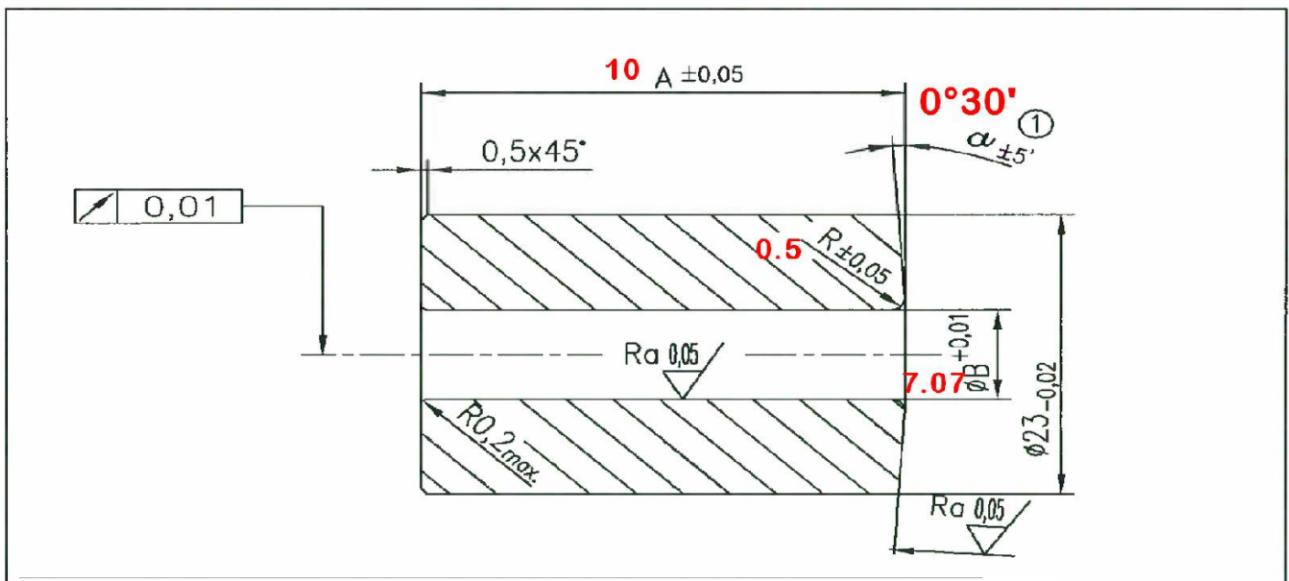
U.I.D.	QTY	Delivery	Status	Obs	U.I.D.	QTY	Delivery	Status	Obs
Coating			Description		Controlled Copy		Article		
Protected according to ISO 16016			DIE 10.03.16.01-22				48.01/02374		

U.I.D. :	39723	Qty :	2	D. Date:	15/02/17	Status:																																																																																																				
Observations:				Times made:																																																																																																						
Casing	H T	Carbide			QC Sign:																																																																																																					
<p>Kopia jednorazowego użytku Podpis _____ Imię i nazwisko / Data: 03 -02- 2017 Wysyłka / Nr zamówienia / 0908019</p>																																																																																																										
<table border="1"> <thead> <tr> <th>Ziel.</th> <th>Aenderung</th> <th>Datum</th> <th>Name</th> <th>Gepr.</th> <th>Ziel.</th> <th>Aenderung</th> <th>Datum</th> <th>Name</th> <th>Gepr.</th> </tr> </thead> <tbody> <tr> <td>BULTEN</td> <td>2009</td> <td>Datum</td> <td>Name</td> <td>Gepr.</td> <td>G 50</td> <td>Werkstoff</td> <td>Härte</td> <td>Ma-Typ</td> <td>Ma-Nr.</td> </tr> <tr> <td>POLSKA</td> <td>Beurk.: 25.03</td> <td>JL</td> <td></td> <td></td> <td>Hartmetall</td> <td>HRC</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Bielsko-Biala</td> <td>Gepr.: 1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Bezeichnung</td> <td colspan="4"></td> <td>Zeilenummer - Nr.</td> <td colspan="4"></td> </tr> <tr> <td>Reduzier-Stauchmatrize</td> <td colspan="4"></td> <td>11.26.20.08-01</td> <td colspan="4"></td> </tr> <tr> <td></td> <td>Fert.</td> <td colspan="4"></td> <td></td> <td colspan="2"></td> </tr> <tr> <td></td> <td>A3</td> <td colspan="4"></td> <td></td> <td colspan="2"></td> </tr> </tbody> </table> <p>REMARKS:-</p> <table border="1"> <tr> <td rowspan="2"> WORLES </td> <td>U.I.D.</td> <td>QTY</td> <td>Delivery</td> <td>Status</td> <td>Obs</td> <td>U.I.D.</td> <td>QTY</td> <td>Delivery</td> <td>Status</td> <td>Obs</td> </tr> <tr> <td>Coating</td> <td></td> <td></td> <td colspan="4">Description</td> <td colspan="2">Controlled Copy</td> <td>Article</td> </tr> </table> <p>Protected according to ISO 16016</p> <p>DIE 11.26.20.08-01</p> <p>48.01/02378</p>								Ziel.	Aenderung	Datum	Name	Gepr.	Ziel.	Aenderung	Datum	Name	Gepr.	BULTEN	2009	Datum	Name	Gepr.	G 50	Werkstoff	Härte	Ma-Typ	Ma-Nr.	POLSKA	Beurk.: 25.03	JL			Hartmetall	HRC				Bielsko-Biala	Gepr.: 1									Bezeichnung					Zeilenummer - Nr.					Reduzier-Stauchmatrize					11.26.20.08-01						Fert.									A3								 WORLES	U.I.D.	QTY	Delivery	Status	Obs	U.I.D.	QTY	Delivery	Status	Obs	Coating			Description				Controlled Copy		Article
Ziel.	Aenderung	Datum	Name	Gepr.	Ziel.	Aenderung	Datum	Name	Gepr.																																																																																																	
BULTEN	2009	Datum	Name	Gepr.	G 50	Werkstoff	Härte	Ma-Typ	Ma-Nr.																																																																																																	
POLSKA	Beurk.: 25.03	JL			Hartmetall	HRC																																																																																																				
Bielsko-Biala	Gepr.: 1																																																																																																									
Bezeichnung					Zeilenummer - Nr.																																																																																																					
Reduzier-Stauchmatrize					11.26.20.08-01																																																																																																					
	Fert.																																																																																																									
	A3																																																																																																									
 WORLES	U.I.D.	QTY	Delivery	Status	Obs	U.I.D.	QTY	Delivery	Status	Obs																																																																																																
	Coating			Description				Controlled Copy		Article																																																																																																

U.I.D. :	40135	Qty :	3	D. Date:	15/02/17	Status:	
----------	-------	-------	---	-------------	----------	---------	--

Observations:	Times made: 8
---------------	---------------

Casing	H T	Carbide	QC Sign:
--------	-----	---------	----------



2

-10	10	7,07	0,5	0°30'	22.1.02	KR	J.G.	
Teil-Nr.	A	ØB	R	α	Bemerkung	Datum	Name	Gepr.

jednorazowego użycia
25 -10- 2016
SPP00524

Ra 0,4 ✓ (Ra 0,05 ✓)

3	Ø7.08 war Ø7.05	6.09.01	JC	JL					
2	Maß A war 30	28.03.01	MM	J.G.					
1	Winkel geänd. war 0°20'	03.07.00	KG	J.G.	4	1° bylo 0°30'	06.09.05	SS	
Zust.	Änderung	Datum	Name	Gepr.	Zust.	Änderung	Datum	Name	Gepr.

BULTEN AUTOMOTIVE Bergkamen	1997 Bearb.: Gepr. : Gehsh.:	Datum 07.08. 07.08. 	Name HD J.G. 	Werkstoff G 55 Hartmetall	Härte HRC	Maßstab		
						Ma.-Typ	Ma.-Nr.	Format

Benennung: Matrice mit konischer Oberfläche	Zeichnungs - Nr. 13.09.23.07	Format A4
---	---------------------------------	--------------

REMARKS:-

 WORLES	35946	2	16-Nov-16			32868	1	01-Aug-16			
	35869	2	06-Nov-16			28025	2	17-Mar-16			
U.I.D.	QTY	Delivery	Status		Obs	U.I.D.	QTY	Delivery	Status		
Coating			Description		Controlled Copy	Article			48.01/00276		
Protected according to ISO 16016		DIE 13.09.23.07-10 Zust.4									

U.I.D. :	39890	Qty :	1	D. Date:	15/02/17	Status:	
----------	-------	-------	---	-------------	----------	---------	--

Observations:

Times made:

Casing

HT

Carbide

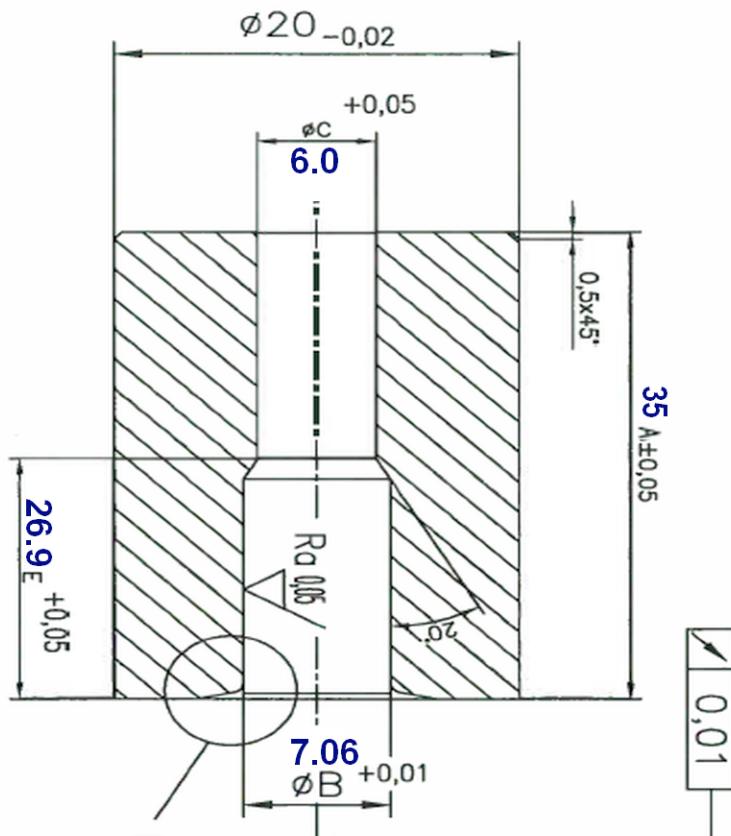
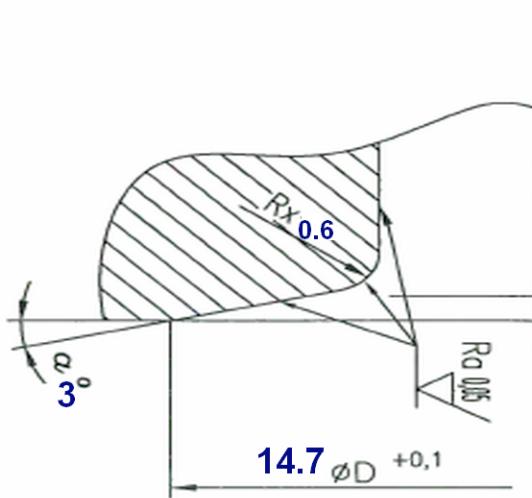
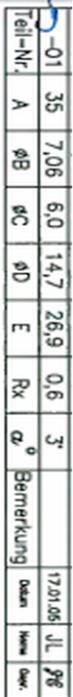
15/02/17

Status:

HT

Carbide

QC Sign:



Ra 0.4
Ra 0.5

REMARKS:-



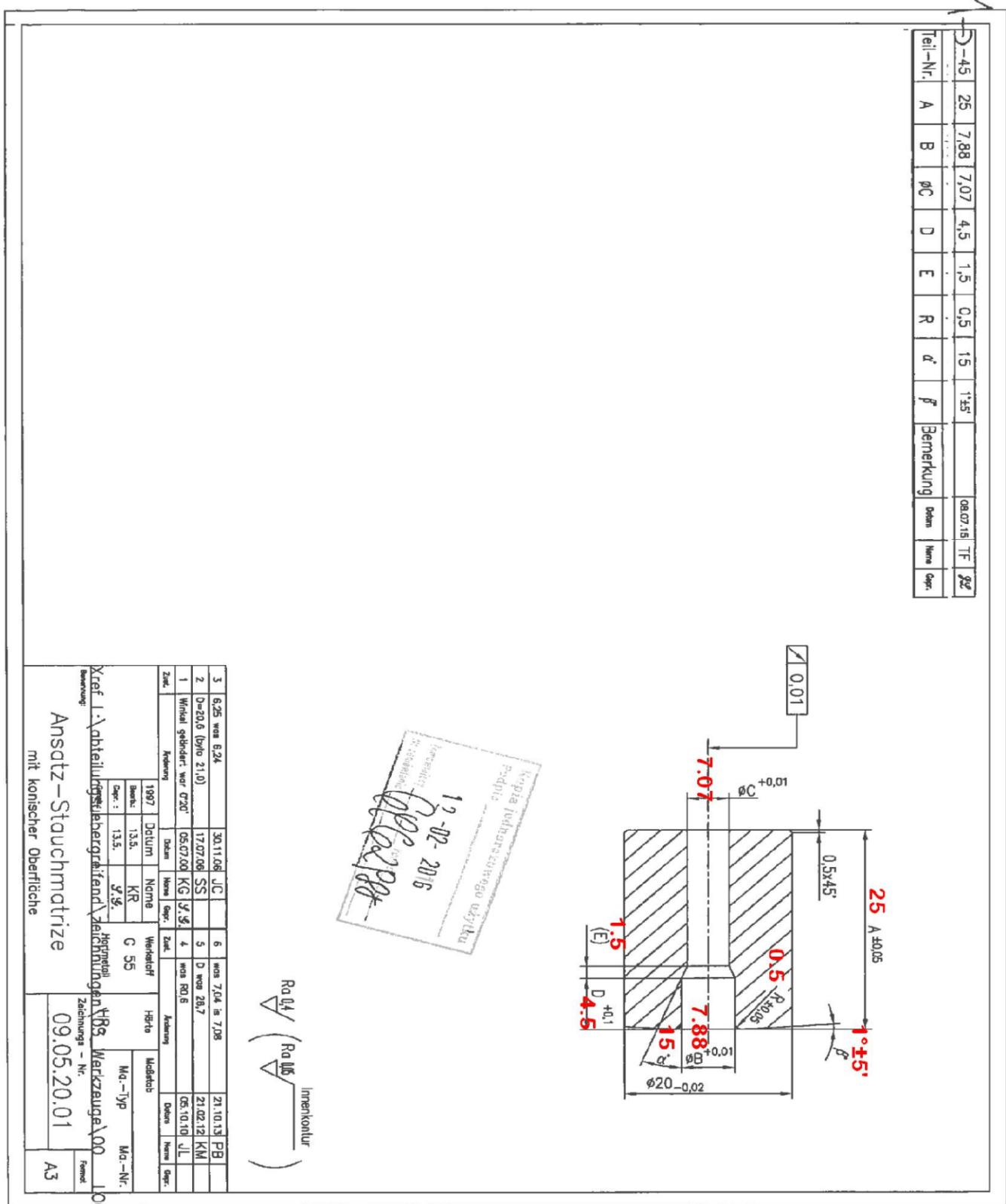
WORLES

U.I.D.	QTY	Delivery	Status	Obs	U.I.D.	QTY	Delivery	Status	Obs
Coating			Description		Controlled Copy		Article		
Protected according to ISO 16016			DIE 09.11.20.02-01	Zust.1	Zust.1		48.01/02394		

U.I.D. :	39986	Qty :	2	D. Date:	15/02/17	Status:	=VERY URGENT !
----------	-------	-------	---	-------------	----------	---------	----------------

Observations: Times made: 2

Casing HT Carbide QC Sign:



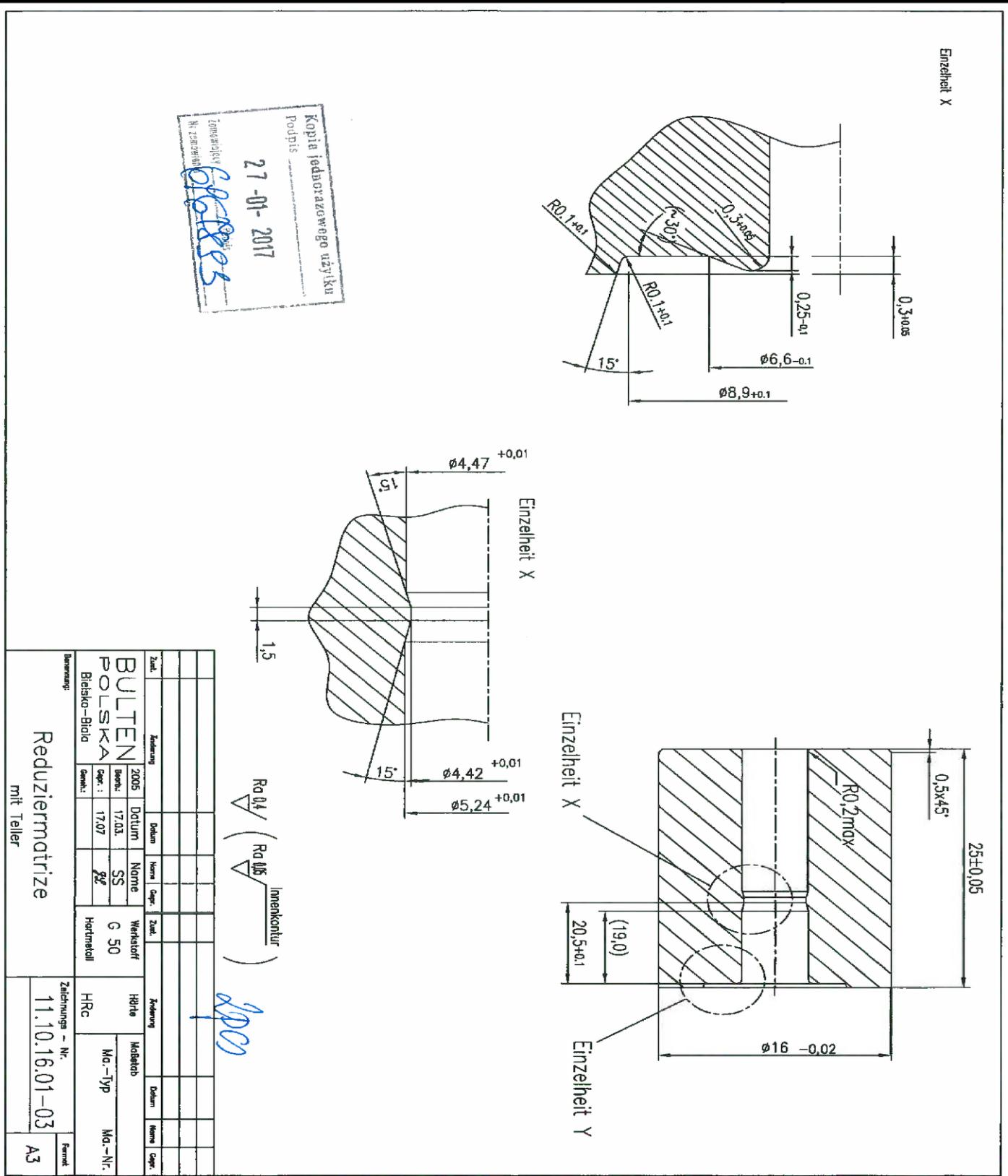
REMARKS:-

WORLES	28458	1	04-Mar-16							
	21917	2	30-Jul-15							
	U.I.D.	QTY	Delivery	Status	Obs	U.I.D.	QTY	Delivery	Status	Obs
Coating				Description			Controlled Copy			Article
				DIE 09.05.20.01-45 Zust.6						48.01/01207
Protected according to ISO 16016										

U.I.D. :	39499	Qty :	2	D. Date:	15/02/17	Status:	
----------	-------	-------	---	-------------	----------	---------	--

Observations:		Times made:	3
---------------	--	-------------	---

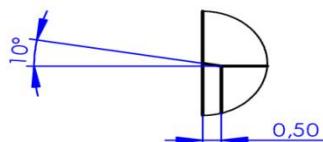
Casing	H T	Carbide	QC Sign:
--------	-----	---------	----------



U.I.D. : 39720 Qty : 1 D. Date: 15/02/17 Status:

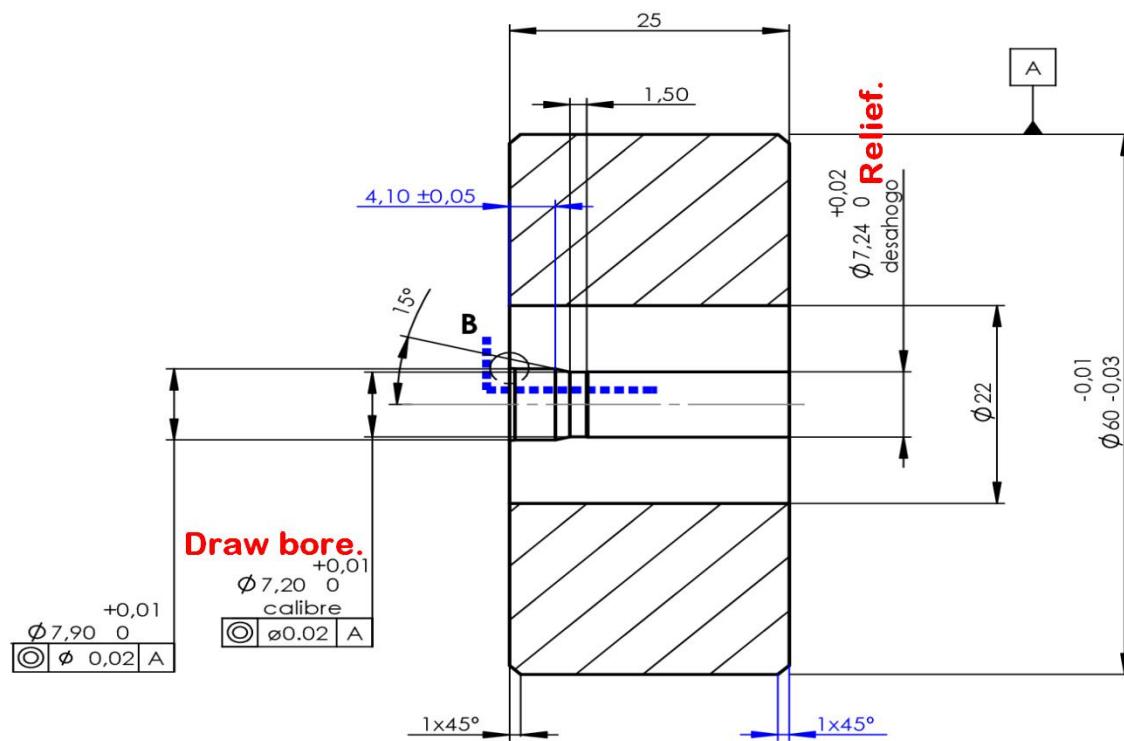
Observations: _____ **Times made:** 1

Casing HT Carbide QC Sign:



DETALLE B
ESCALA 5 : 1

**Maximum fitting margin.
Interferencia máxima
9% minimo**



**Aplicar Titanio en esta zona
PVD-TIN COATING !**

I	Mod. ø7.20 era ø7.23; ø7.90 era ø7.88	01/02/17	Oier
Indice	Modificación	Fecha	Modificado
Dibujado	Asier	Tol. gen. ±	0.1
Comprobado		Material	METAL DURO
Escala	1,5:1	Dureza	G-4
Denominación	MATRIZ		Referencia
OPERACION NUMERO 3		Plano N°	8830030K1.306

Printed copies are for information only

01/03/17

REMARKS:-

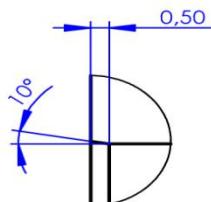


33717	2	22-Aug-16	02.09 by glob	TIN-PVD ?							
U.I.D.	QTY	Delivery	Status	Obs	U.I.D.	QTY	Delivery	Status	Obs		
Coating			Description					Controlled Copy		Article	
Protected according to ISO 16016			DIE 8830030K1.306 Ind.l							34.04/00981	

U.I.D. : 39721 Qty : 1 D. Date: 15/02/17 Status:

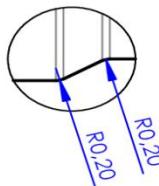
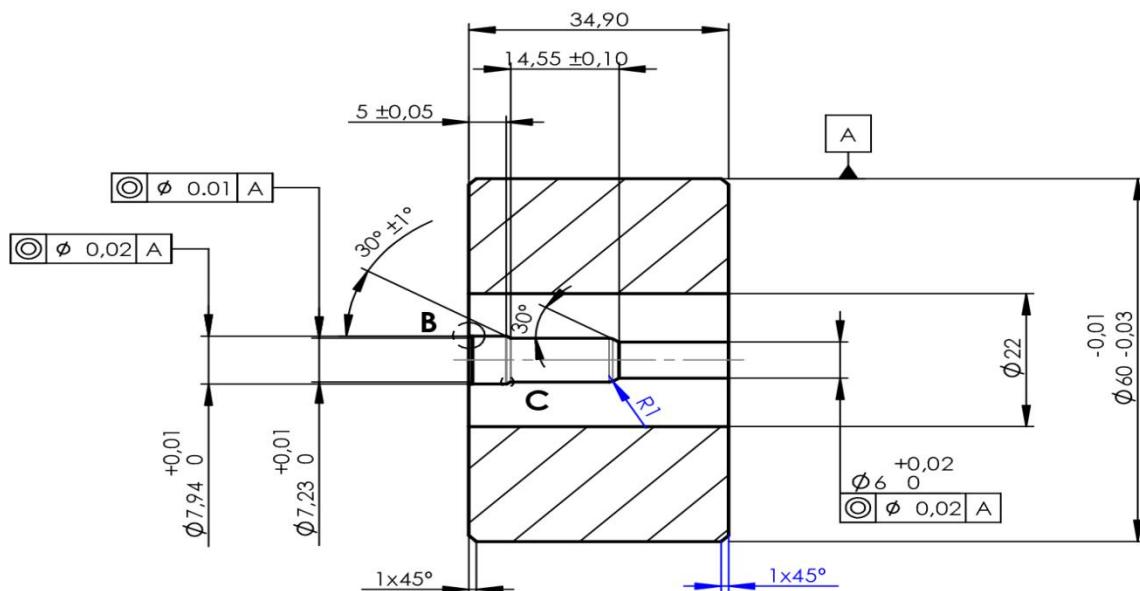
Observations: _____ **Times made:** 1

Casing H T Carbide QC Sign:



Maximum fitting margin.
Interferencia máxima
9% minimo

**DETALLE B
ESCALA 5 : 1**



**DETALLE C
ESCALA 10 : 1**

I	Mod. ø7.94 era ø7.92; ø7.23 era ø7.27					01/02/17	Oier			
Indice	Modificación					Fecha	Modificado	Comprobado		
Dibujado	Asier	Tol. gen. ±	0.1	Proveedor						
Comprobado		Material	METAL DURO	Fecha	20/07/16		Industrias	GOL S.A.		
Escala	1,5:1	Dureza	G-4	Cantidad			SORALUZE-PLACENCIA			
Denominación				Referencia						
OPERACION NUMERO 4				Plano N°	8830030K1.410					

Printed copies are for information only

01/03/17

REMARKS:-



33720	2	28-Aug-16	02.09 by glob								
U.I.D.	QTY	Delivery	Status	Obs	U.I.D.	QTY	Delivery	Status	Obs		
Coating			Description					Controlled Copy		Article	
Protected according to ISO 16016			DIE 8830030K1.410 Ind.l							34.04/00984	

U.I.D. :	39937	Qty :	2	D. Date:	17/02/17	Status:	
Observations:						Times made:	1
Casing	H T	Carbide			QC Sign:		
<p>1 1</p> <p>13 10,17 14,9 20 3,2 13,4 20 12,08,15 JL P9</p> <p>Teil-Nr. ØA ØB ØC D F β Bemerkung Datum Norm. Abg.</p> <p>①</p> <p>20-08-2015 4910231</p> <p>1. G55 Hartmetall 2. 1.2714 S6NiCrMoV7 HRC 46-48</p> <p>FINNVEDEN POLSKA Bieliski-Bialo</p> <p>Vorstaucher SP38</p> <p>Zeilung Fertig</p> <p>A3</p>							

REMARKS:-

 WORLES	22955	1	16-Sep-15							
	U.I.D.	QTY	Delivery	Status	Obs	U.I.D.	QTY	Delivery	Status	Obs
Coating				Description		Controlled Copy		Article		
	Protected according to ISO 16016		DIE 35.07.40.01-13 Zust.3				48.01/01354			

U.I.D. :

39550

Qty :

1

D.
Date:

19/02/17

Status:

Observations:

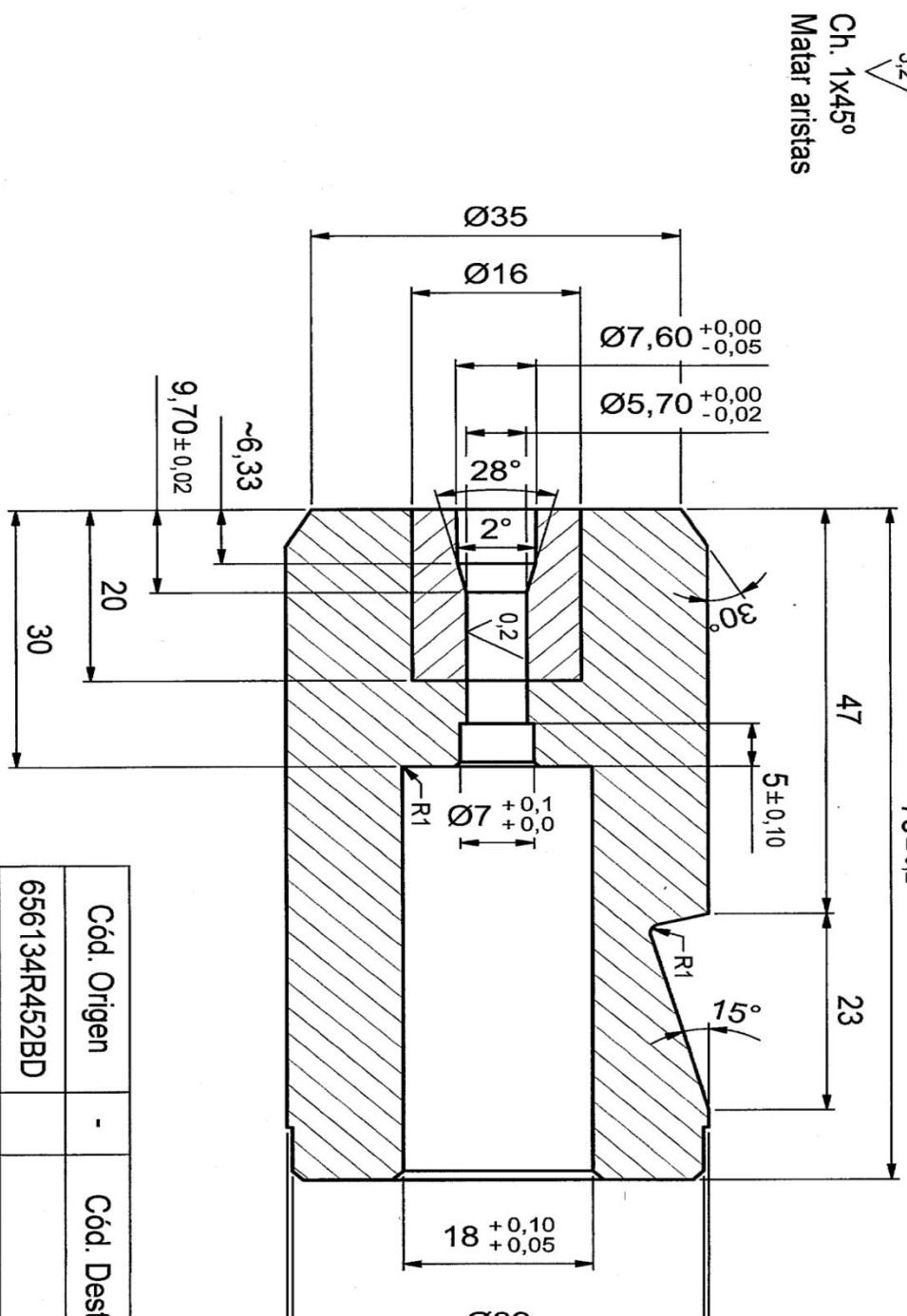
Times made:

Casing

HT

Carbide

QC Sign:



Nº	Fecha	Firma		Modificación
Escala/Scale	Colas críticas/Critical diff.	<input type="checkbox"/>	Tolerancias gen. General tol.	

Cód. Origen	-	Cód. Destino	Uds
656134R452BD			

REMARKS:-



WORKIES

U.I.D.	QTY	Delivery	Status	Obs	U.I.D.	QTY	Delivery	Status	Obs
Coating			Description				Controlled Copy	Article	
Protected according to ISO 16016			DIE 656134R452BD					34.13/00318	

U.I.D. : 39549

Qty : 1

D.

Date:

19/02/17

Status:

Times made:

Observations:

Casing

HT

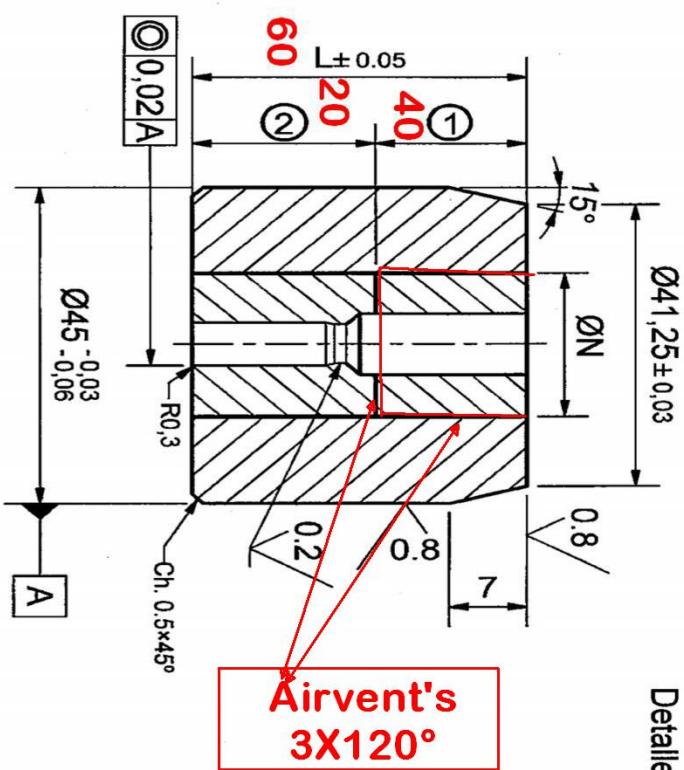
Carbide

QC Sign:

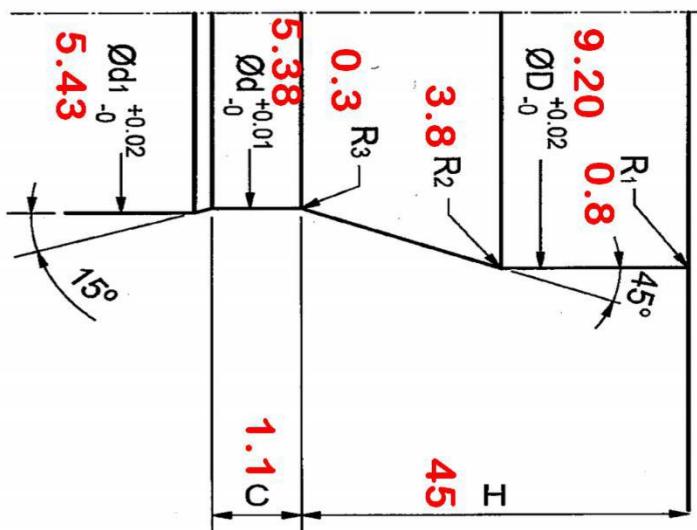
Cod. Origen	-	Cod. Destino
658ARM801MR		

	M.D.	$\varnothing N$	L
1 - Entrada	G-40	$\varnothing 18$	40
2 - Reducción	G-30	$\varnothing 18$	20

$$L_{TOT} = 60$$



$$\varnothing d_1 = \varnothing d + 0.05$$



Nº	Fecha	Firma	Modificación	
Cotas críticas/Critical dim. <input type="checkbox"/>				

Tolerancias gen./General tol.

Modificación

$\varnothing D$	$\varnothing d$	H	C	R1	R2	R3
Ø9,20	Ø5,38	45	1,1	0,8	3,8	0,3

INDUSTRIAS	Código Origen	Denominación/Designation
LOTU	Código Destino	

REMARKS:-



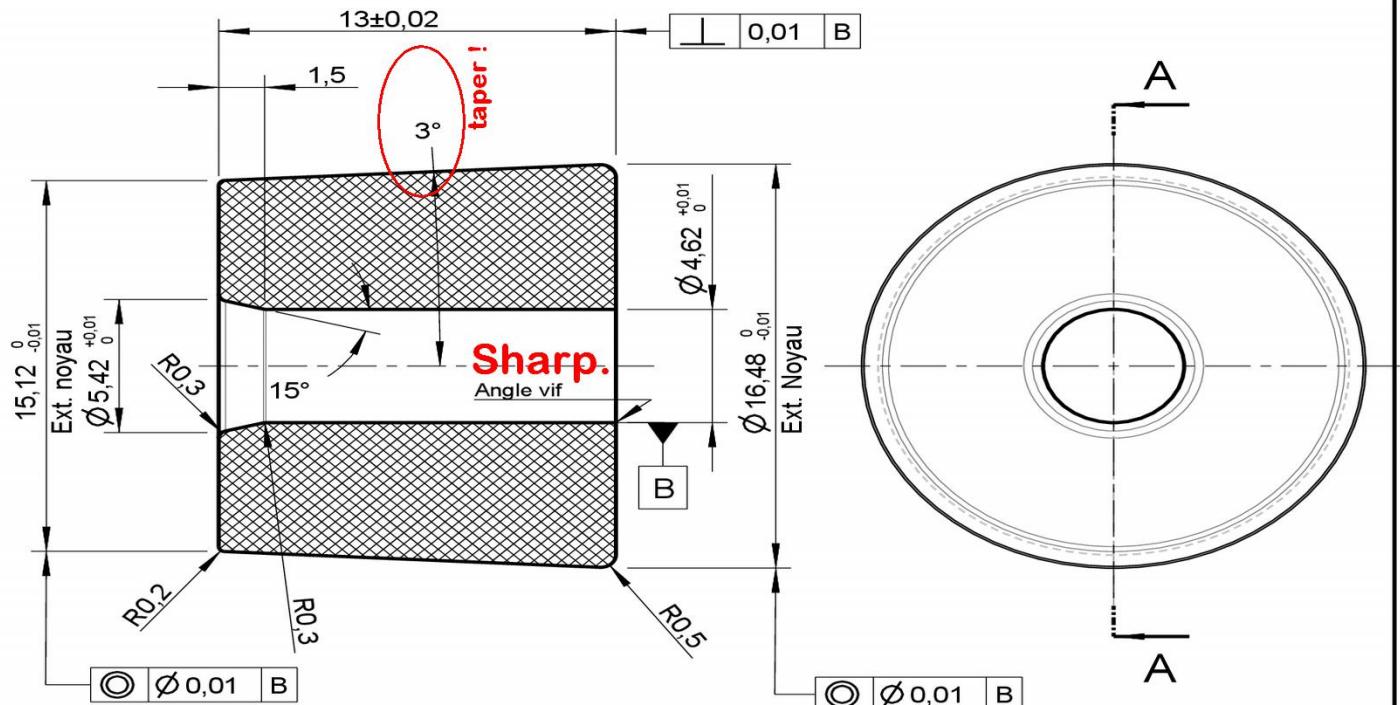
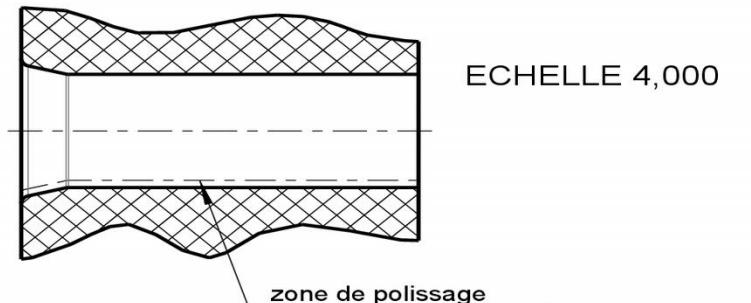
U.I.D.	QTY	Delivery	Status	Obs	U.I.D.	QTY	Delivery	Status	Obs
Coating					Controlled Copy				
Description					Article				
DIE 658ARM801MR					34.13/00317				

Protected according to ISO 16016

U.I.D. :	39644	Qty :	4	D. Date:	19/02/17	Status:	
----------	-------	-------	---	-------------	----------	---------	--

Observations:						Times made:	
---------------	--	--	--	--	--	-------------	--

Casing	H T		Carbide			QC Sign:	
--------	-----	--	---------	--	--	----------	--



COUPE A-A

Contrôle à SAMAT :

Après insertion dans porte matrice
le Ø Int. sera de 4.60

Control a samat

^{+0,01} After insertion in matrix door of Ø int.sera of 4.60

								Tolerances Generales
Matiere :								Cote: ±0.05
CARBURE G5						(O)	Ø 0,01	
Traitement :						∠	±/	
/						±	±0,01	
Protection :								01D40
/								Rugosité: /
Machine: 000010								Dessiné par: T.B.
01/02/17	A	T.B.	E.B.	Suppression événets		Op N:1	Piece: 778298	Ex N°: /
28-May-07	/	/	E.B.	Création du plan		DESIGNATION		
Date	Ind.	Modif. par	Vérif. par	Désignation		SANMAT		
MODIFICATIONS						MATRICE GUIDE 06-0003-0268		

Doc.083/02

REMARKS:-



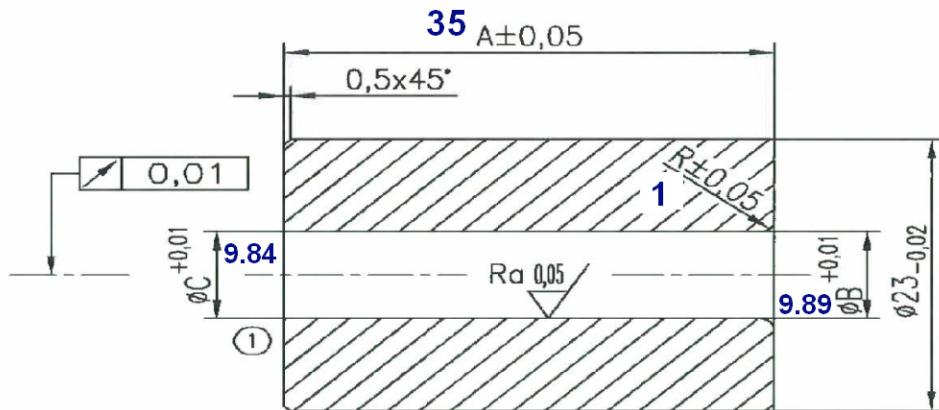
U.I.D.	QTY	Delivery	Status	Obs	U.I.D.	QTY	Delivery	Status	Obs
Coating									
Description					Controlled Copy				
DIE 06-0003-0268 Ind.A					Article				
					33.13/00055				

Protected according to ISO 16016

U.I.D. :	40140	Qty :	1	D. Date:	20/02/17	Status:	
----------	-------	-------	---	-------------	----------	---------	--

Observations:	Times made:	2
---------------	-------------	---

Casing	H T	Carbide	QC Sign:
--------	-----	---------	----------



Kopia jednorazowego uzytku Podpis
19 -01- 2016
Zamawiajacy: <u>Offb602</u>
Do zamowienia

Ra 0,4 ✓ (Ra 0,05 ✓)

-02	9.89	9.84		29.01.01	JC	GL
-01	35	9.87	9.82	1	12.09.00	JC
Teil-Nr.	A	ØB	ØC	R	Bemerkung	Datum Name Gepr.

Zust.	Änderung	Datum	Name	Gepr.	Zust.	Änderung	Datum	Name	Gepr.
1	R0,2max deleted	27.10.14	TF						
BULTEN	2000	Datum	Name		Werkstoff	Härte	Maßstab		
AUTOMOTIVE	12.09		JC		G 50				
Bielsko-Biala	Gepr. :	12.09	GL		Hartmetall		Ma.-Typ	Ma.-Nr.	
	Geneh.:					HRc			
Benennung:	Matrize (konisch) vorderer Einsatz					Zeichnungs - Nr.	Format		
						13.03.23.09	A4		

REMARKS:-

 WORLES	27425	1	26-Jan-16		=VERY URGENT !				
	21980	1	02-Aug-15						
	U.I.D.	QTY	Delivery	Status	Obs	U.I.D.	QTY	Delivery	Status
	Coating			Description		Controlled Copy		Article	
Protected according to ISO 16016		DIE 13.03.23.09-02 Zust.1					48.01/01210		

U.I.D. :

Qty :

D.
Date:

01/01/01

Status:

Observations:

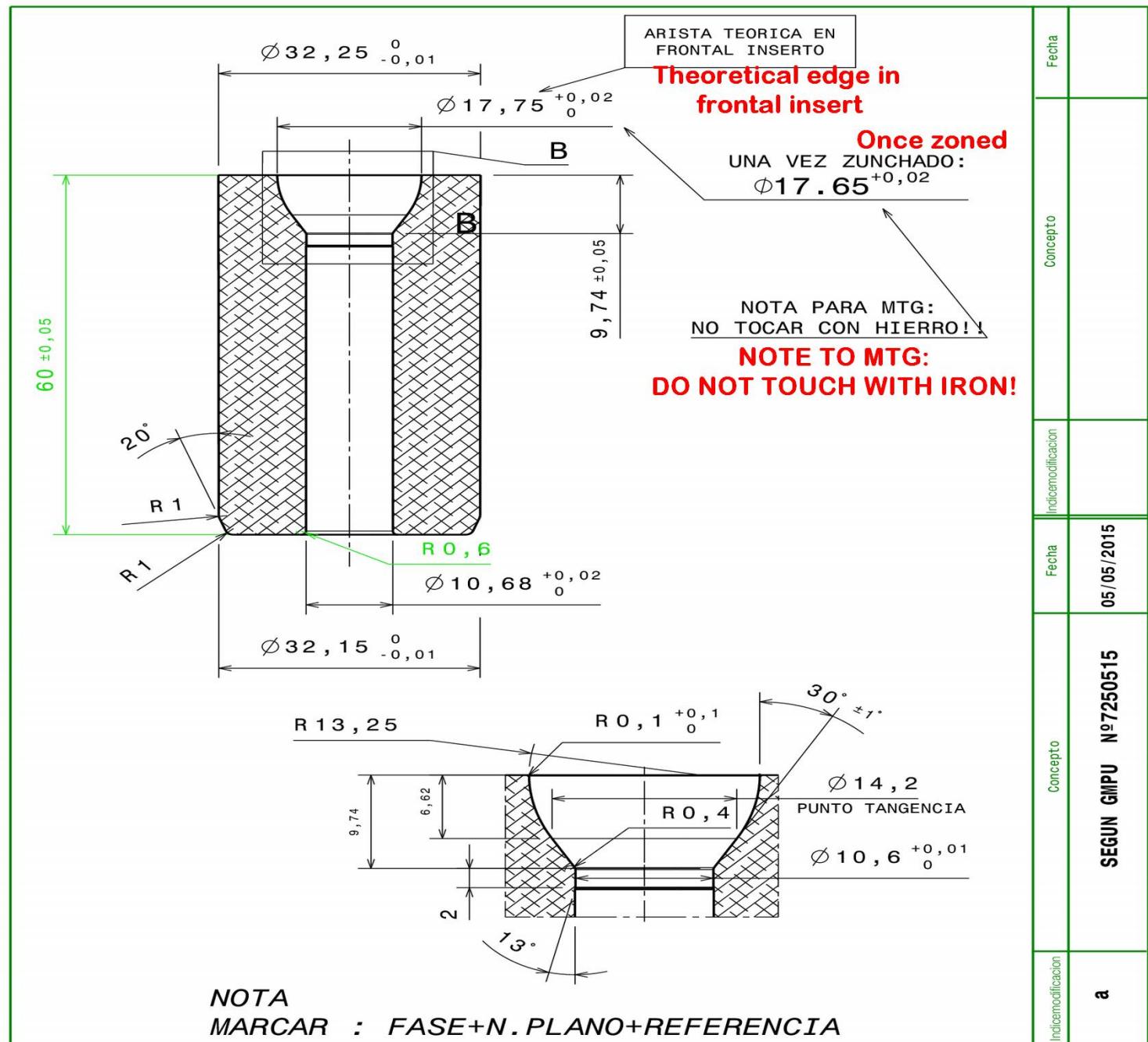
Times made: 2

Casing

HT

Carbide

QC Sign:



metalurgica santa engracia, s.a.

- BERGARA -

DENOMINACION

**INSERTO REDUCCION
CHARRIOT**

DIBUJADO Y REVISADO	Fecha	Firma	MATERIAL	G2	FASE	EST02	Tolerancias sin especificar Lineales js 15 Ejes h 13 Agujeros H 13 Angulos ±5°
	29/07/2015	ALarranaga	TRATAMIENTO	HV10>1300	MAQUINA	E11 -	
ESCALA		CÓDIGO	0617391 - 1		N. PLANO	08	
1 : 1		REFERENCIA	011203 BUJE INFERIOR M12				

CODIGO DE COMPRA:

REMARKS:-



U.I.D.	QTY	Delivery	Status	Obs	U.I.D.	QTY	Delivery	Status	Obs
39274	4	20-Feb-17							
19590	2	28-Apr-15	by DHL DC on	=VERY URGENT !					
Coating		Description					Controlled Copy		Article
Protected according to ISO 16016		DIE 0617391-1 Ind.A 08 011203 02 E11					34.12/00072		

U.I.D. :	39845	Qty :	1	D. Date:	20/02/17	Status:																			
Observations:						Times made:																			
Casing H T			Carbide			QC Sign:																			
<p>08-02-2017 TOMASZ</p> <p>Ausschnitt: Innenkontur</p> <p>Reduziermatrix mit mindestens einer Anmerkung</p> <p>Zeichnungs - Nr. 11.01.16.01</p> <p>Formular A3</p>																									
Teil-Nr.		A	ØB	ØC	ØD	E	F	G	α	Bemerkung	Plan	Neu	Der.												
<table border="1"> <tr> <td>-D-80</td> <td>35</td> <td>6.77</td> <td>5.83</td> <td>5.88</td> <td>3</td> <td>2.3</td> <td>1.5</td> <td>13</td> <td></td> <td>19.10.11</td> <td>99</td> <td>12</td> </tr> </table>													-D-80	35	6.77	5.83	5.88	3	2.3	1.5	13		19.10.11	99	12
-D-80	35	6.77	5.83	5.88	3	2.3	1.5	13		19.10.11	99	12													

REMARKS:-



WORLES

U.I.D.	QTY	Delivery	Status	Obs	U.I.D.	QTY	Delivery	Status	Obs
Coating			Description		Controlled Copy		Article		
Protected according to ISO 16016			DIE 11.01.16.01-80 Zust.4				48.01/02390		

U.I.D. :	39846	Qty :	1	D. Date:	20/02/17	Status:	
Observations:						Time in:	

Observations:

Times made:

Casing

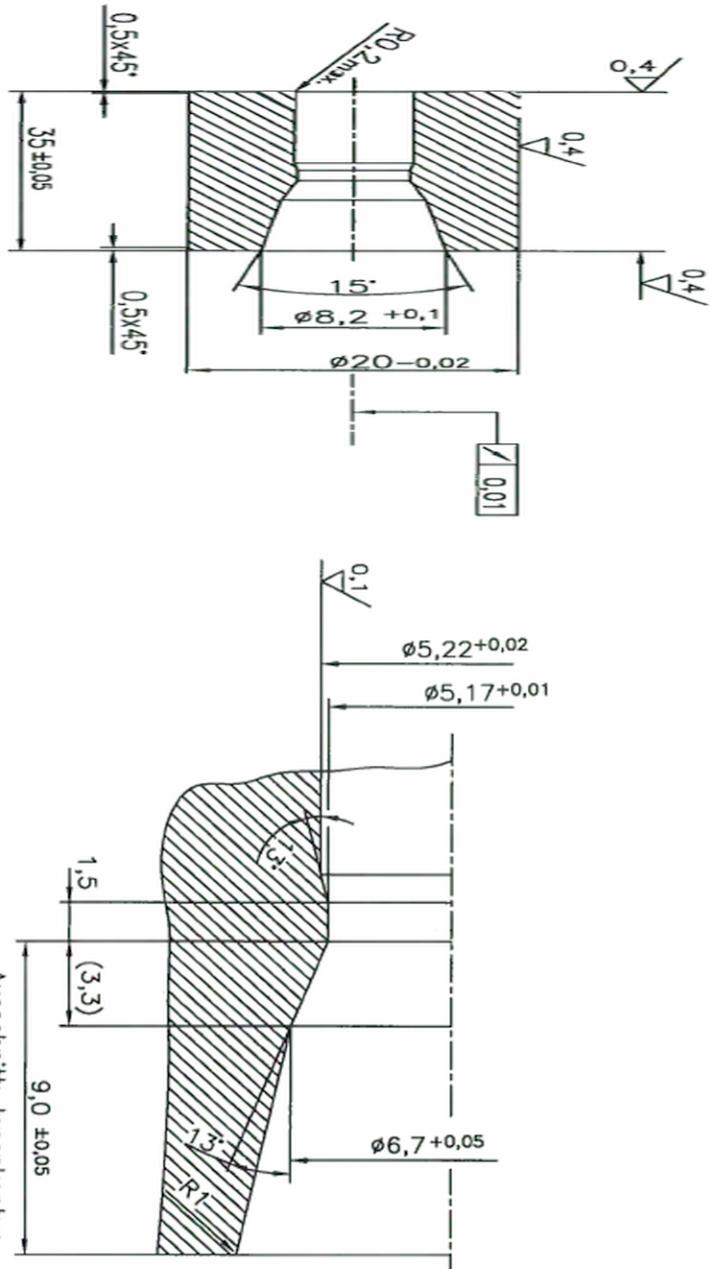
HT

Carbide

20/02/17

Status:

© 2013 Pearson Education, Inc.



Ausschnitt: Innenkontur

gratfrei

Reduzier-Stauchmatrix

REMARKS:-



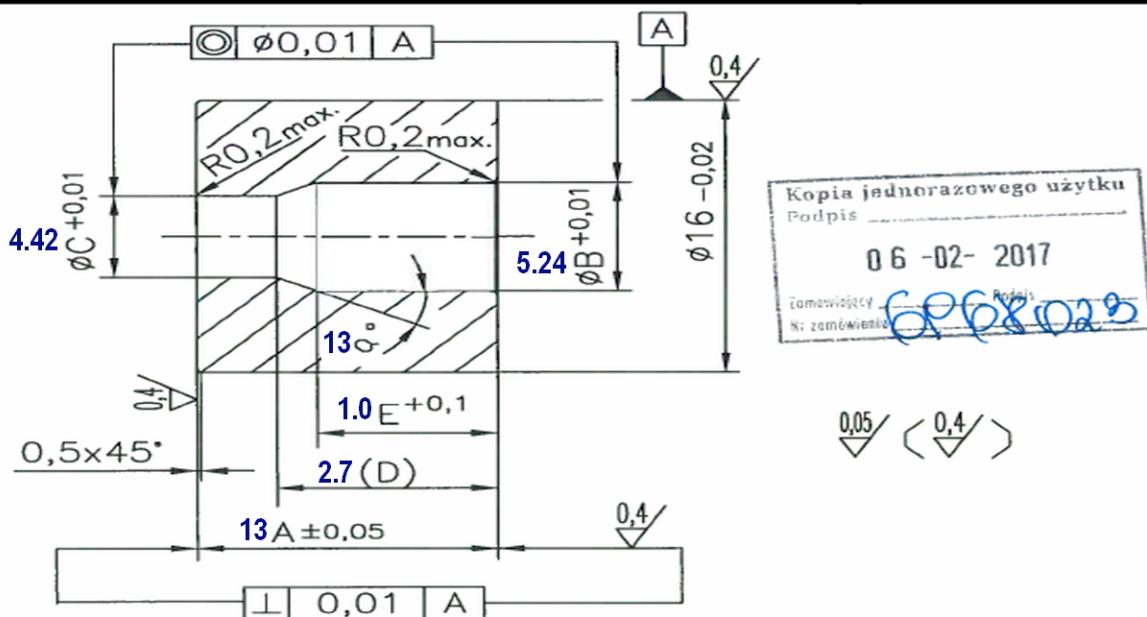
WORLDS

									
	U.I.D.	QTY	Delivery	Status	Obs	U.I.D.	QTY	Delivery	Status
	Coating			Description				Controlled Copy	Article
	Protected according to ISO 16016			DIE 11.26.20.10.01					48.01/02391

U.I.D. :	39747	Qty :	2	D. Date:	20/02/17	Status:	
----------	-------	-------	---	-------------	----------	---------	--

Observations:		Times made:
---------------	--	-------------

Casing	H T	Carbide	QC Sign:
--------	-----	---------	----------



(1)

-11	13	5,24	4,42	2,7	1,0	13	16.06.03	SS	JB
-----	----	------	------	-----	-----	----	----------	----	----

Teil-Nr.	A	ϕB	ϕC	(D)	E	α°	Bemerkung	Datum	Name	Gepr.
----------	---	----------	----------	-----	---	----------------	-----------	-------	------	-------

Zust.	Änderung	Datum	Name	Gepr.	Zust.	Änderung	Datum	Name	Gepr.

BULTEN POLSKA Bielsko-Biala	2003	Datum	Name	Werkstoff G 50 Hartmetall	Härte HRc	Maßstab Ma.-Typ Ma.-Nr.
	Bearb.:	22.05	JL			
	Gepr. :	22.05	JB			
	cenah.:					

Benennung: Ansatz—Stauchmatrize	Zeichnungs – Nr. 09.01.16.01	Format A4
--	---------------------------------	--------------

REMARKS:-

 WORLES	U.I.D.	QTY	Delivery	Status	Obs	U.I.D.	QTY	Delivery	Status	Obs
	Coating			Description					Controlled Copy	Article
				DIE 09.01.16.01-11 Zust.1						48.01/02381

U.I.D. : 39551 Qty : 8 D. Date: 21/02/17 Status: *CRITICAL !

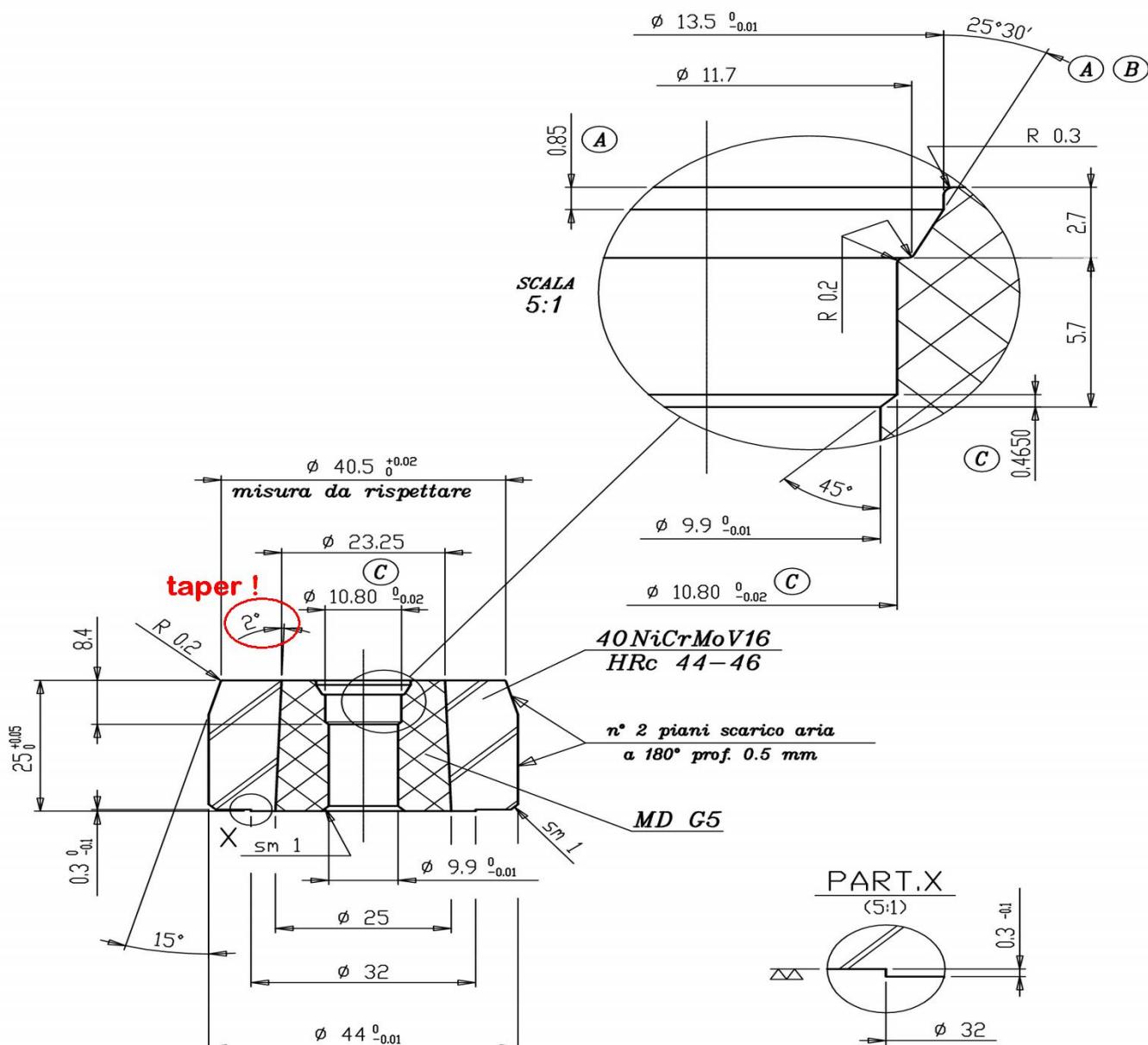
Observations:

Times made:

Casing H T

Carbide

QC Sign:



POS 39

C	06-06-13	010.80, era 010.82 / 0.465 era 0.48					GUR
B	07/06/10	010.82 era 010.85 y 25°30' era 26° (modificaciones de INKATOR)					GUR
A	21/11/08	era 25° e 0.77					
R	Data	MODIFICHE					Firma
TOLL GENERALI: H 13 Foro - h 13 Albero j 14 Dimensioni lineari $\pm 30'$ valori angolari $\perp \pm 0.01$ $\not\perp \pm 0.01$ $\odot \pm 0.01$ // ± 0.01		vedi disegno	TEMPRA	-		-	
		MATERIALE	TRATT. TERMICO	HRc	GRADO DI FINITURA	TRATT. TERMICO SPECIALE	
		DISEGNO COSTRUTTIVO					
Codice N. D/539		- DENOMINAZIONE: Inserto 5° punzone					Disegno N. 102.10839
Macch. SP 360							
SCALA 1:1		DATA	DA	VERIFICATO	APPROVATO	Archivio: 102.7	
		31/07/2008					

REMARKS:-

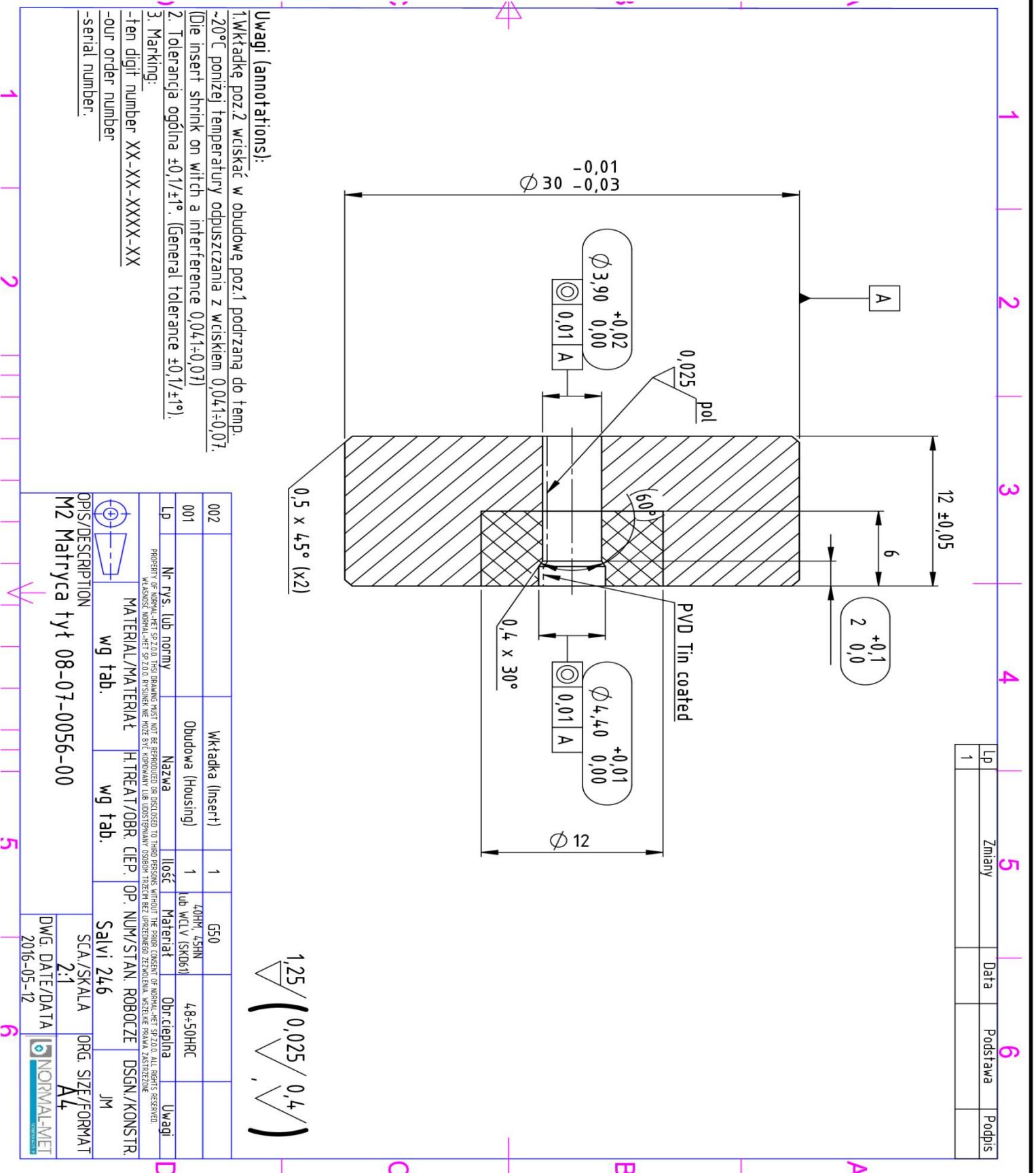


WORRIES

U.I.D. :	39478	Qty :	2	D. Date:	21/02/17	Status:	
----------	-------	-------	---	-------------	----------	---------	--

Observations:		Times made:
---------------	--	-------------

Casing	H T	Carbide	QC Sign:
--------	-----	---------	----------



REMARKS:-									
U.I.D.	QTY	Delivery	Status	Obs	U.I.D.	QTY	Delivery	Status	Obs
Coating									
		Description				Controlled Copy		Article	
Protected according to ISO 16016		DIE 08-07-0056-00						48.02/00062	



U.I.D. : 39358 Qty : 10 D. Date: 22/02/17 Status: PVD-TIN ?

Observations:

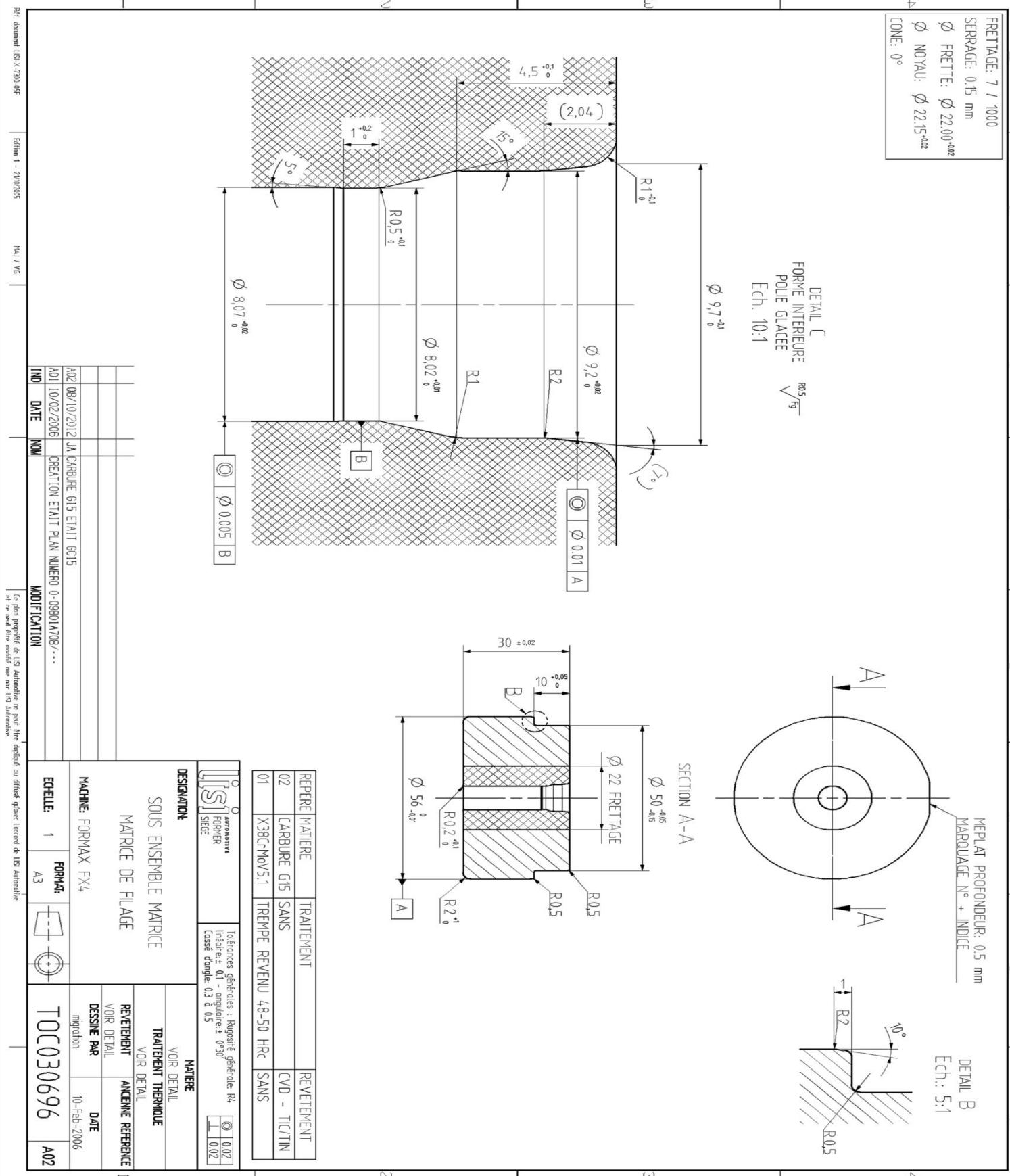
Times made: 9

Casing

H T

Carbide

QC Sign:



REMARKS:-

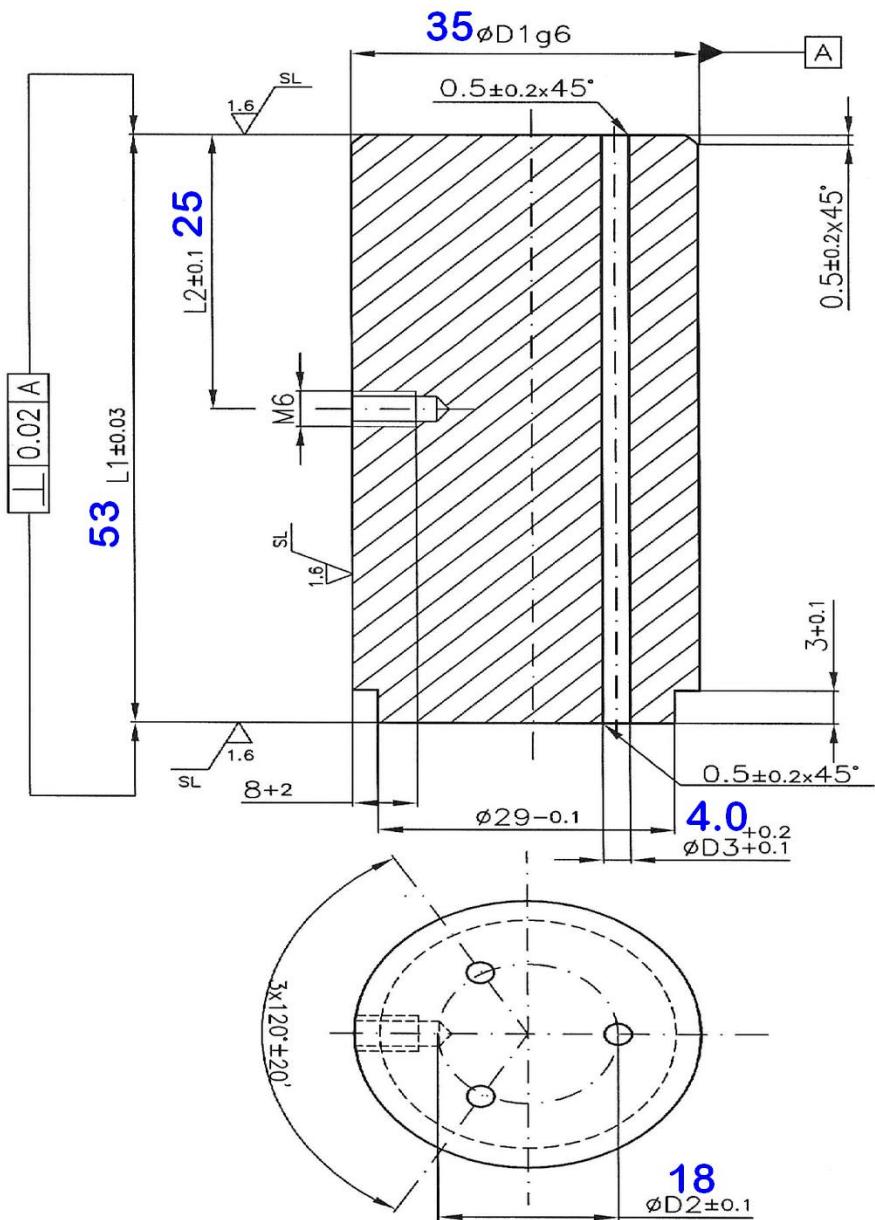


U.I.D.	QTY	Delivery	Status	Obs	U.I.D.	QTY	Delivery	Status	Obs
28417	6	14-Mar-16	PVD-TIN ?	24265	2	17-Nov-15		PVD-TIN !	
25274	4	23-Dec-15	CRITICAL, Cus		23286	2	26-Oct-15	@Manish-Sen	PVD-TIN
Coating									
			Description					Controlled Copy	
			DIE TOC030696 Ind.A02 PVD-TIN						Article
									33.06/00118

U.I.D. :	38657	Qty :	1	D. Date:	23/02/17	Status:	
----------	-------	-------	---	-------------	----------	---------	--

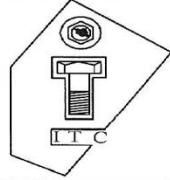
Observations:		Times made:
---------------	--	-------------

Casing	H T	Carbide	QC Sign:
--------	-----	---------	----------



.02	35.0	18.0	4.0	53	25	M8
-----	------	------	-----	----	----	----

PART NR.	D1	D2	D3	L1	L2	PROD
----------	----	----	----	----	----	------

No.	MODIFICATION	BY	DATE	DESCRIPTION		
	Mat1. X210Cr12 1.2080 HARDNESS: 60-62 Rc HEAT TREAT: Hardening and Tempering Mat2.		DATE: 90/4/15		NAME	SIGN
			DRAWING NAME: FILLER BLOCK	DESIGN.	SH.NAJAFI	
				DRAW.	BAYRAMPOUR	
				CHECK.	H.EBRAHIMI	
			DRAWING No: 2004543	APPRO.	SH.NAJAFI	
				SCALE:	—	

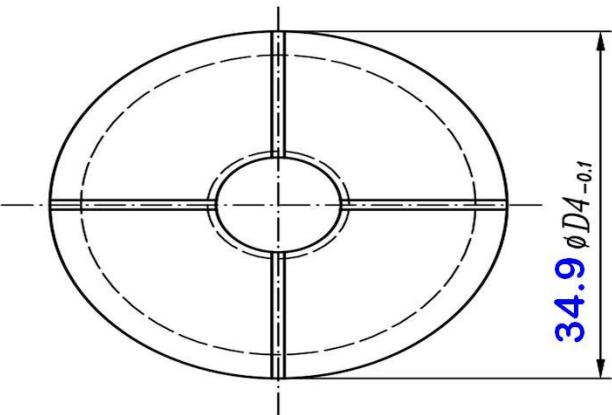
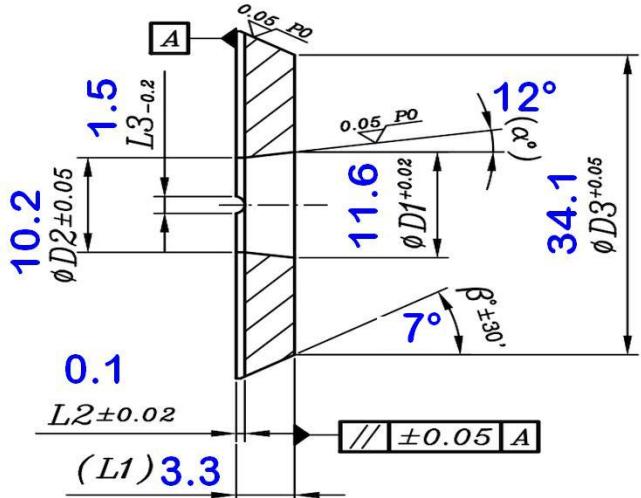
REMARKS:-



U.I.D.	QTY	Delivery	Status	Obs	U.I.D.	QTY	Delivery	Status	Obs
Coating									
Description		Controlled Copy							Article
DIE 2004543.02							98.03/01003		

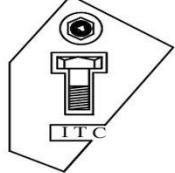
Protected according to ISO 16016

U.I.D. :	38671	Qty :	12	D. Date:	23/02/17	Status:	
Observations:						Times made:	1
Casing	H T		Carbide			QC Sign:	



.05	11.6	10.2	34.1	34.9	3.3	0.1	1.5	12°	7°	-
-----	------	------	------	------	-----	-----	-----	-----	----	---

PART Nr	D1	D2	D3	D4	L1	L2	L3	α°	β°	D5
---------	----	----	----	----	----	----	----	----	----	----

No.	MODIFICATION	BY	DATE	DESCRIPTION		
	Mat1. 1.2344 HARDNESS: 48-50 RC HEAT TREAT: Hardening and Tempering Mat2. 1.3343 62-64RC PROJECT NAME: PROJECT No: FILE NO. BV2/2011802		DATE: 82.6.15	DESIGN:	NAME SHAHRABI	SIGN
			DRAWING NAME: PRE-UPSET DIE PLATE	DRAW.:	KHODADADI	
			DRAWING No:	CHECK:	SHAHRABI	
				APPRO.	SHAHRABI	
				SCALE:		
IRAN TOHID CO.		1.6 SL	2011802			

REMARKS:-

	21031	2	06-Aug-15						
U.I.D.	QTY	Delivery	Status	Obs	U.I.D.	QTY	Delivery	Status	Obs
Coating			Description		Controlled Copy			Article	
Protected according to ISO 16016			DIE 2011802.05					98.03/00804	

U.I.D. :	38670	Qty :	2	D. Date:	23/02/17	Status:	
Observations:						Times made:	

Observations:

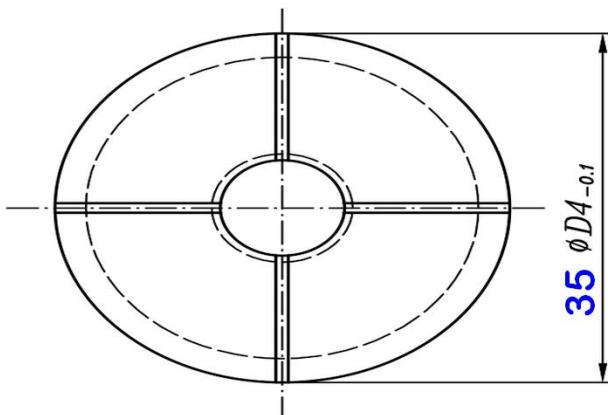
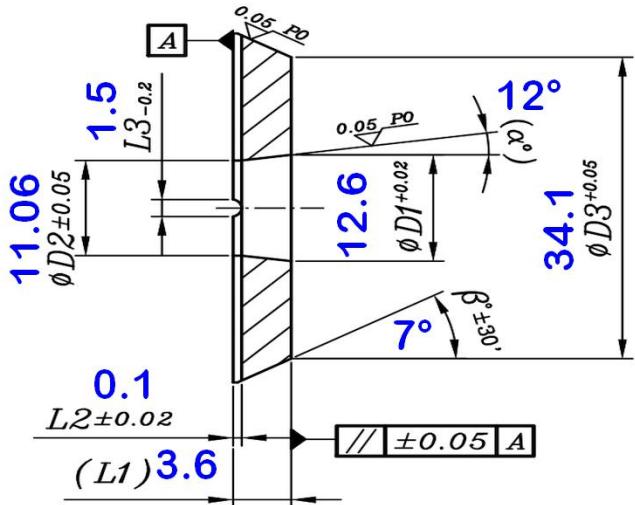
Times made:

Casing

HT

Carbide

QC Sign:



<i>.04</i>	<i>12.6</i>	<i>11.06</i>	<i>34.1</i>	<i>35</i>	<i>3.6</i>	<i>0.1</i>	<i>1.5</i>	<i>12°</i>	<i>7°</i>	<i>—</i>	
<i>PART Nr</i>	<i>D1</i>	<i>D2</i>	<i>D3</i>	<i>D4</i>	<i>L1</i>	<i>L2</i>	<i>L3</i>	α°	β°	<i>D5</i>	

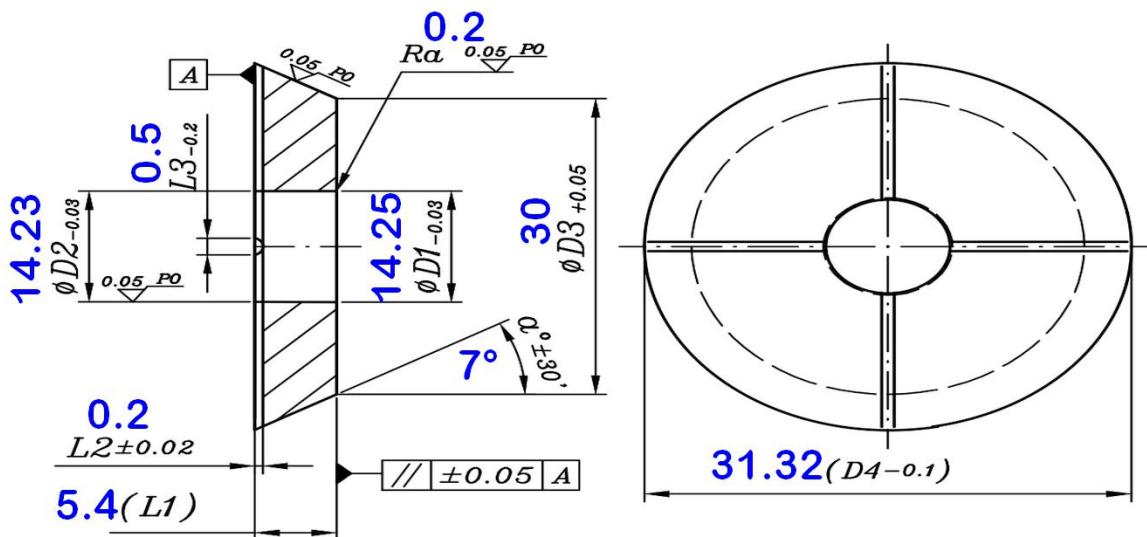
No.	MODIFICATION	BY	DATE	DESCRIPTION	
	<p><i>Mat1. 1.2344 HARDNESS: 48-50 RC HEAT TREAT: Hardening and Tempering</i></p> <p><i>Mat2. 1.3343 62-64RC</i></p> <p><i>PROJECT NAME:</i></p> <p><i>PROJECT No:</i></p> <p><i>FILE NO. BV2/2011802</i></p>		<i>DATE: 82.6.15</i>	<i>NAME</i>	<i>SIGN</i>
			<i>DRAWING NAME: PRE-UPSET DIE PLATE</i>	<i>DESIGN</i>	<i>SHahrabi</i>
				<i>DRAW.</i>	<i>Khodadadi</i>
			<i>DRAWING No:</i>	<i>CHECK.</i>	<i>Shahrabi</i>
				<i>APPRO.</i>	<i>Shahrabi</i>
				<i>SCALE:</i>	
<i>IRAN TOHID CO.</i>		<i>1.6 SL</i>	<i>2011802</i>		

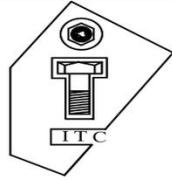
REMARKS:-



U.I.D.	QTY	Delivery	Status	Obs	U.I.D.	QTY	Delivery	Status	Obs		
Coating			Description		Controlled Copy			Article			
Protected according to ISO 16016			DIE 2011802.04		98.03/01006						

U.I.D. :	38669	Qty :	20	D. Date:	23/02/17	Status:	
Observations:						Times made:	1
Casing	H T		Carbide			QC Sign:	



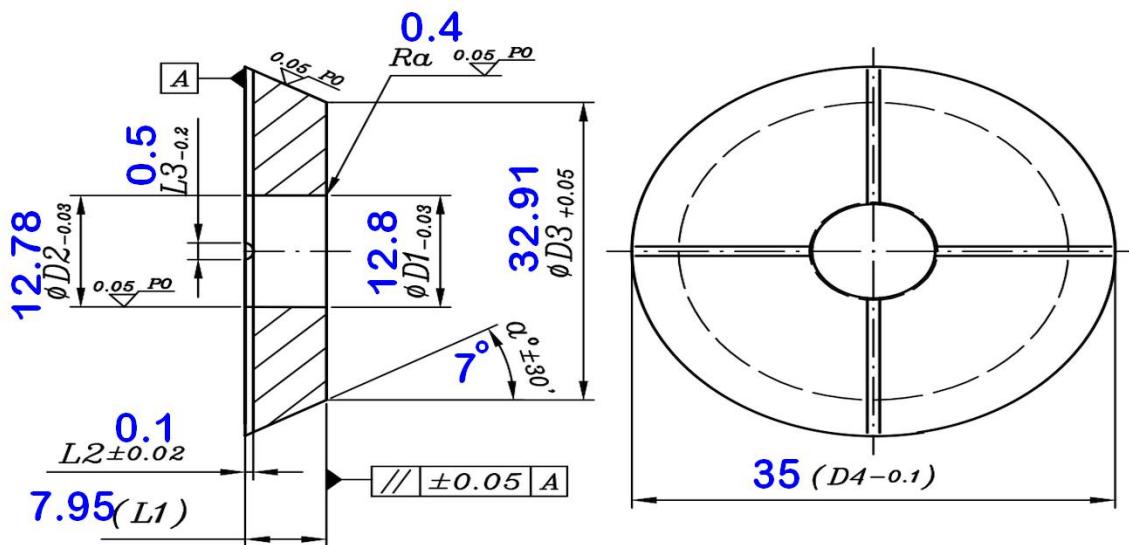
.13	14.25	14.23	30	31.32	5.40	0.2	0.5	7	0.2		
PART Nr	D1	D2	D3	D4	L1	L2	L3	α°	Ra		
No.	MODIFICATION				BY	DATE	EDITOR	DESCRIPTION			
	Mat1. 1.2721 50NiCr13 HARDNESS: 52-54 RC HEAT TREAT: Hardening and Tempering					DATE: 78/10/22		NAME	SIGN		
	Mat2.					DRAWING NAME: HEADING DIE PLATE		DESIGN: SHAHRABI			
	PROJECT NAME:							DRAW. EBRAHIMI			
	PROJECT No:							CHECK: SHAHRABI			
	FILE NO. KB408/2011801					DRAWING No:		APPRO. SHAHRABI			
IRAN TOHID CO.					1.6 SL	2011801		SCALE:			

REMARKS:-



U.I.D.	QTY	Delivery	Status	Obs	U.I.D.	QTY	Delivery	Status	Obs
Coating			Description Controlled Copy						
DIE 2011801.13							Article 98.03/00803		
Protected according to ISO 16016									

U.I.D. :	38668	Qty :	3	D. Date:	23/02/17	Status:	
Observations:						Times made:	1
Casing	H T	Carbide			QC Sign:		



.09 12.8 12.78 32.91 35 7.95 0.1 0.5 7 0.4

PART Nr	D1	D2	D3	D4	L1	L2	L3	a°	Ra		
No.	MODIFICATION				BY	DATE	EDITOR	DESCRIPTION			
	Mat1. HARDNESS: HEAT TREAT:	1.2721 52-54 RC Hardening and Tempering	50NiCr13		DATE: 78/10/22		NAME	SIGN			
	Mat2.				DRAWING NAME: HEADING DIE PLATE		SHAHRABI				
	PROJECT NAME:				DRAW. EBRAHIMI						
	PROJECT No:				CHECK. SHAHRABI						
	FILE NO.	KB408/2011801			APPRO. SHAHRABI						
IRAN TOHID CO.					2011801	SCALE:					

REMARKS:-



21029	2	06-Aug-15							
U.I.D.	QTY	Delivery	Status	Obs	U.I.D.	QTY	Delivery	Status	Obs
Coating			Description				Controlled Copy	Article	
Protected according to ISO 16016			DIE 2011801.09					98.03/00802	

U.I.D. :

Qty :

D.
Date:

01/01/01

Status:

Observations:

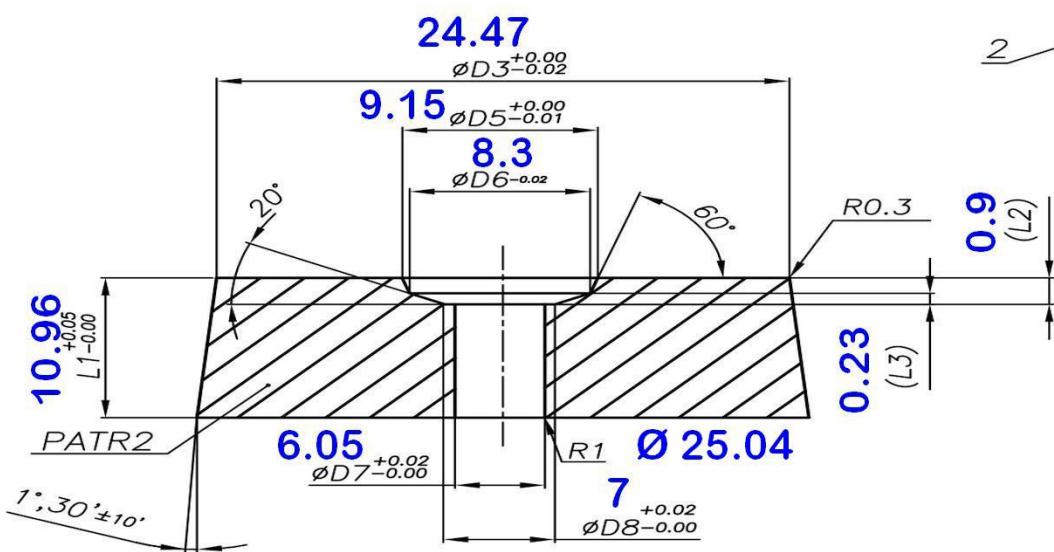
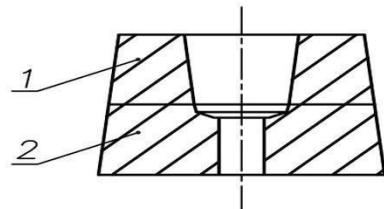
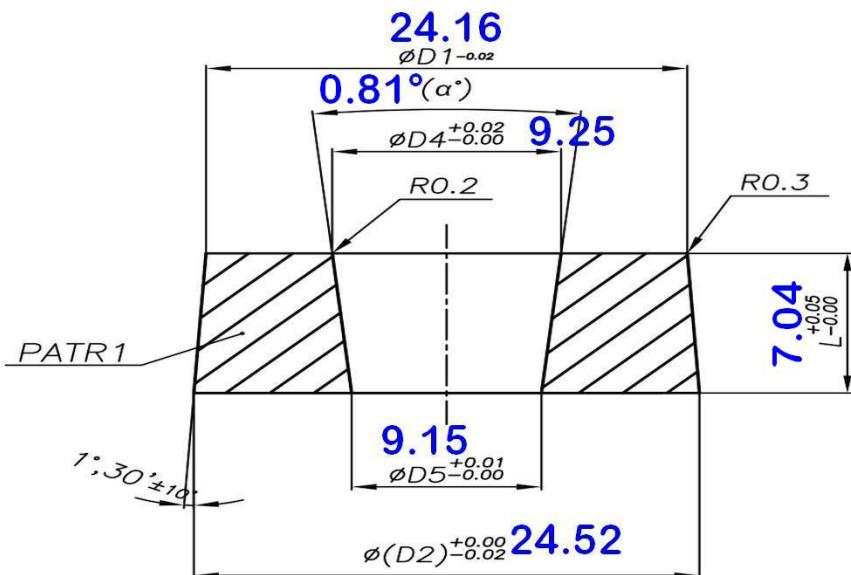
Times made: 2

Casing

H T

Carbide

QC Sign:



.03	E10	24.16	D2-0.05	9.25	9.15	8.3	6.05	7	7.04	10.96	0.97	0.23	0.81°	06E6LBR2E08
PART NR	TYPE	$\phi D1$	$\phi D3$	$\phi D4$	$\phi D5$	$\phi D6$	$\phi D7$	$\phi D8$	L	L1	L2	L3	α^*	
No.	MODIFICATION	BY							DATE	EDITOR			DESCRIPTION	
	Mat1. G50 HARDNESS: — HEAT TREAT: Hardening and Tempering								DATE: 90/04/20				NAME	SIGN
	Mat2. G50								DRAWING NAME:	SH.NAJAFI			DESIGN.	
	FILE NO. BR2								PUNCH INSERT	karimain			DRAW.	
									CHECK.	h.ebrahimi			CHECK.	
									APPRO.	SH.NAJAFI			APPRO.	
									SCALE:	_			SCALE:	

IRAN TOHID CO.

REMARKS:-



U.I.D.	QTY	Delivery	Status	Obs	U.I.D.	QTY	Delivery	Status	Obs
38655	5	23-Feb-17							
20923	10	06-Aug-15	most probabl						
Coating	Description					Controlled Copy			
	DIE 2006635.03					Article			
						98.03/00698			

Protected according to ISO 16016

U.I.D. :

Qty :

D.
Date:

01/01/01

Status:

Observations:

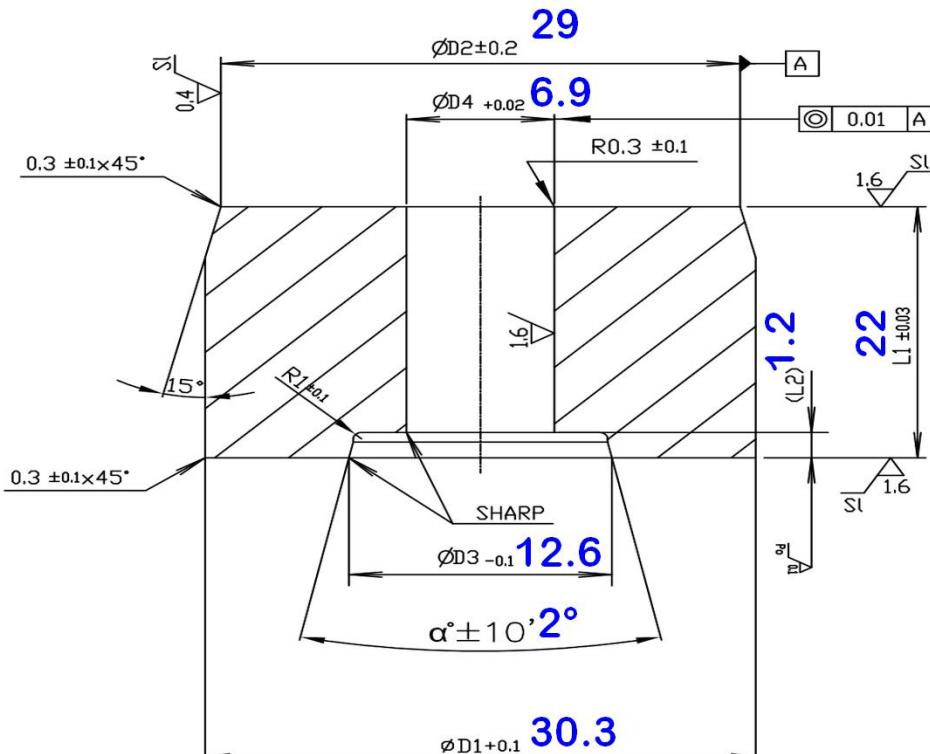
Times made: 1

Casing

HT

Carbide

QC Sign:



01	30.3	29	12.60	6.90	22	1.2	2°	TRX.Nº.40		
PART Nr	D1	D2	D3	D4	L1	L2	α	Prod.		
No.	MODIFICATION			BY		DATE		DESCRIPTION		
	Mat1. X155CrMoV12 1.2379 HARDNESS: 60-62 RC HEAT TREAT: Hardening and Tempering			DATE: 90/07/02			NAME	SIGN		
	Mat2.			DRAWING NAME:			DESIGN.	SH.NAJAFI		
	FILE NO. _			PUNCH			DRAW.	KARIMIAN		
	3.2			DRAWING No:			CHECK.	H.EBRAHIMI		
	2005346			APPRO.			APPNO.	SH.NAJAFI		
	SCALE: _						SCALE:	_		
IRAN TOHID CO.										

REMARKS:-



U.I.D.	QTY	Delivery	Status	Obs	U.I.D.	QTY	Delivery	Status	Obs
Coating			Description Controlled Copy						Article
DIE 2005346.01						98.03/01005			
Protected according to ISO 16016									

U.I.D. :

38663

Qty :

4

D.
Date:

23/02/17

Status:

Observations:

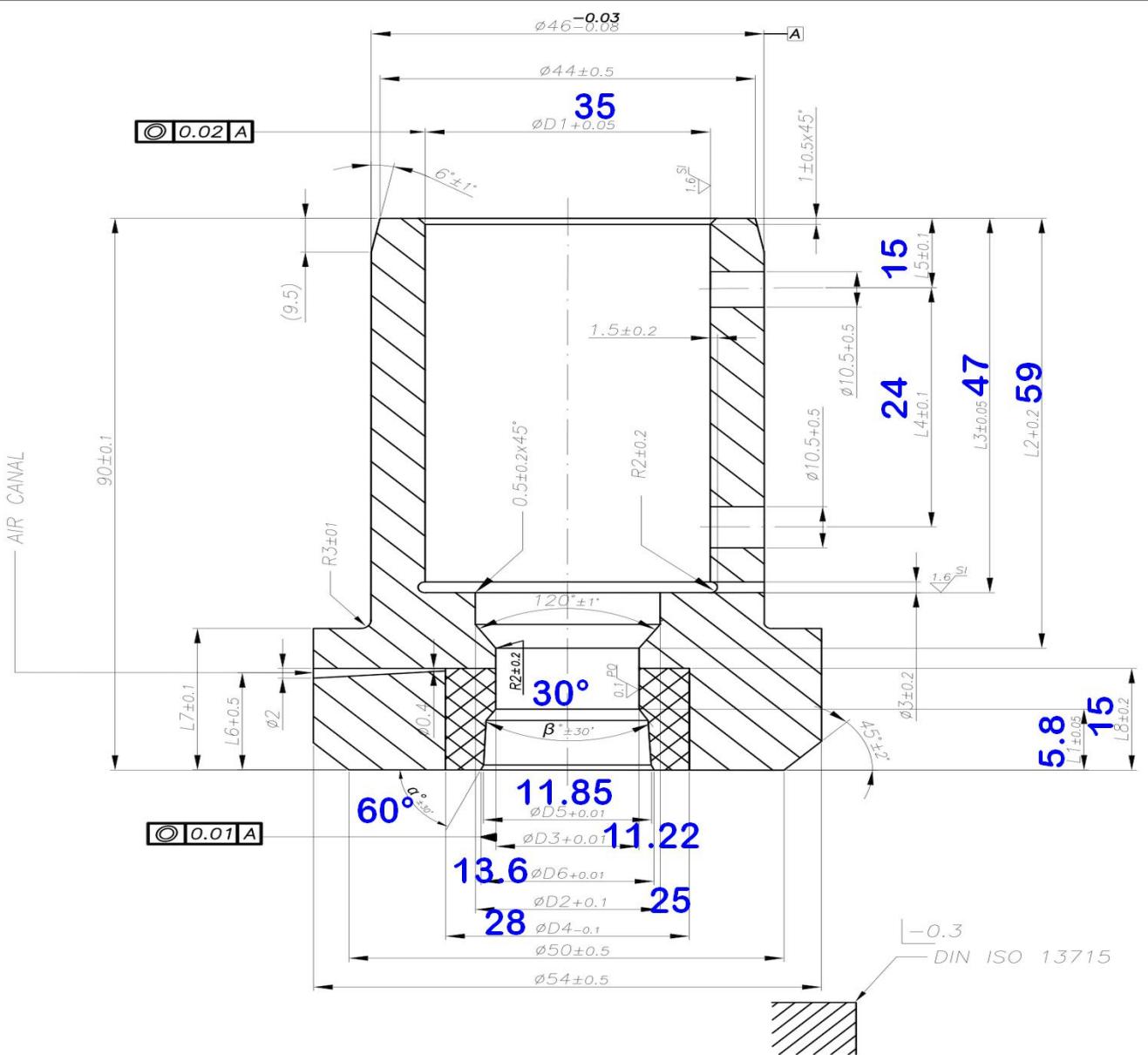
Times made: 1

Casing

H T

Carbide

QC Sign:



.01	35	25	11.22	28	11.85	13.6	5.8	59	47	24	15	14	16	15	60	30	6880
PART Nr	D1	D2	D3	D4	D5	D6	L1	L2	L3	L4	L5	L6	L7	L8	α	β	PROD.
MODIFICATION																	DESCRIPTION
	Mat1. 50NiCr13 1.2721 HARDNESS: 50-52 Rc HEAT TREAT: Hardening and Tempering					DATE: 91/03/23				NAME		SIGN					
	Mat2. G50					DRAWING NAME: HOLDER				DESIGN.	SH.NAJAFI						
	FILE NO. _			6.3		DRAW. KARIMIAN				CHECK.	H.EBRAHIMI						
	IRAN TOHID CO.					DRAWING No: 2004552				APPRO.	SH.NAJAFI						
						SCALE: _											

REMARKS:-



U.I.D.	QTY	Delivery	Status	Obs	U.I.D.	QTY	Delivery	Status	Obs
Coating			Description						Controlled Copy
DIE 2004552.01						Article			
98.03/00693									

Protected according to ISO 16016

U.I.D. : 39468 Qty : 2 D. Date: 23/02/17 Status: *NEW PRODUCT

Observations:

Times made:

Casing

HT

Carbide

QC Sign:

0135235 Fax:03715705361

51

0034 036 455 422

— 1 —

1

The reproduction, distribution and utilization of this document as well as its communication to the public is strictly prohibited. Distributors will be held liable for the consequences of its unauthorized use. All rights reserved to the owner in the event of a patent, utility model or design.

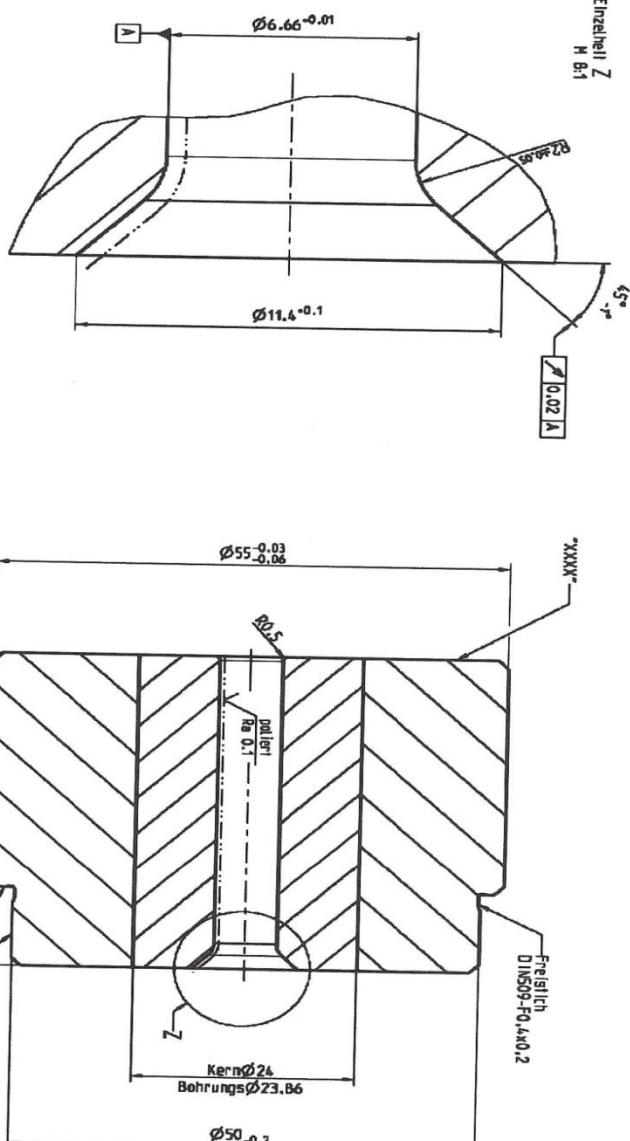
Weitergabe sowie Veröffentlichung dieses Dokuments, Verarbeitung und Nutzung dieses Dokuments ist strengstens untersagt. Zeichnungen und Veröffentlichungen auf Schriften und Bildern sind allein dem Betreiber vorbehalten.

25.01.2017

17:13

DirectFax

三



	5	6	7	8
Prob.	Bemerkung	Wertmaßstab	Wertmaßstab (Schwundmaß)	Wertmaßstab (Zugfestigkeit)
1	Fassung	1,2343	gehoben und zu angepassten Zugfestigkeiten 19000 N/mm ² (5% MRC)	
2	Kern	0,55	-	

End of Fax

REMARKS:-



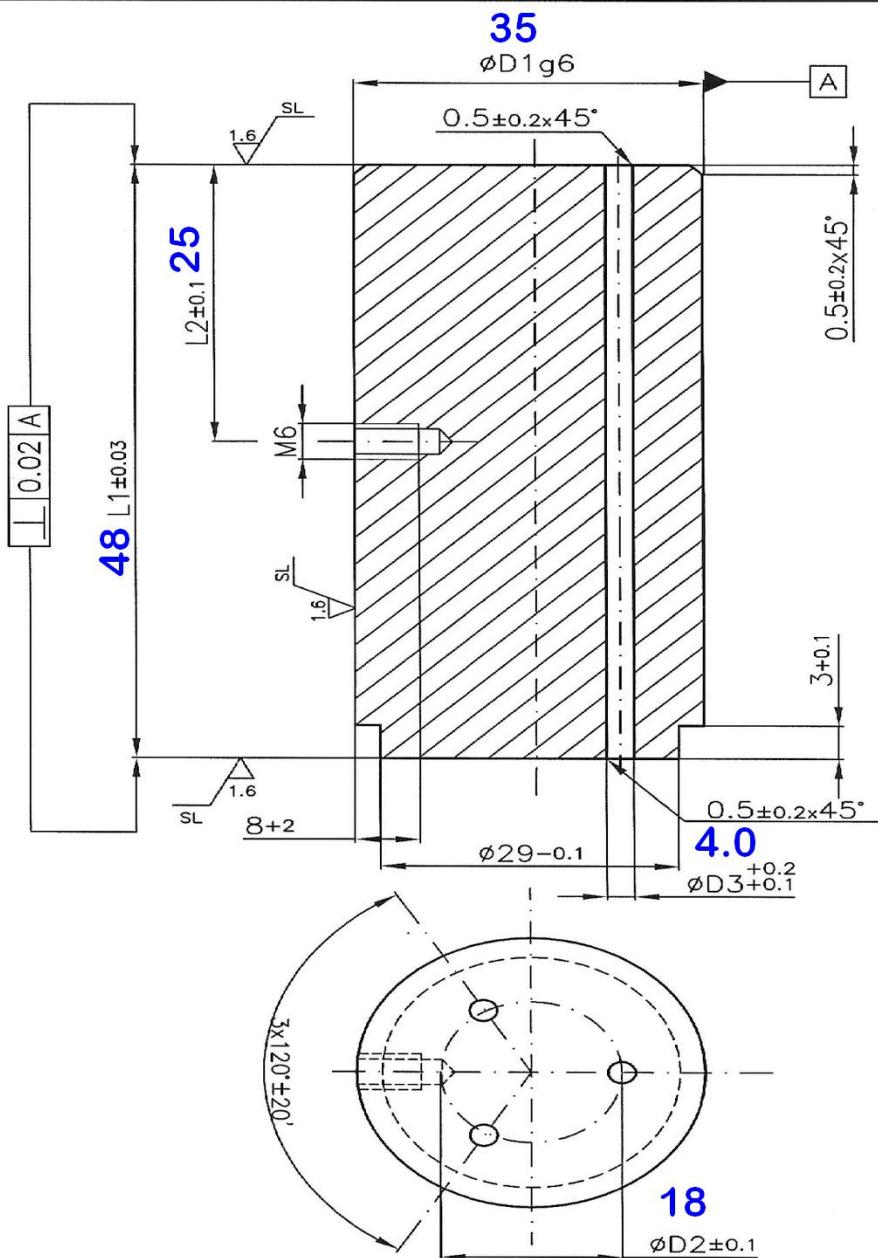
WORLDS

U.I.D.	QTY	Delivery	Status	Obs	U.I.D.	QTY	Delivery	Status	Obs
Coating			Description				Controlled Copy	Article	
Protected according to ISO 16016			DIE 300-10:1983/01 404186 Ind. 01					49 02/00510	

U.I.D. :	38658	Qty :	1	D. Date:	23/02/17	Status:	
----------	-------	-------	---	-------------	----------	---------	--

Observations:		Times made:
---------------	--	-------------

Casing	H T	Carbide	QC Sign:
--------	-----	---------	----------



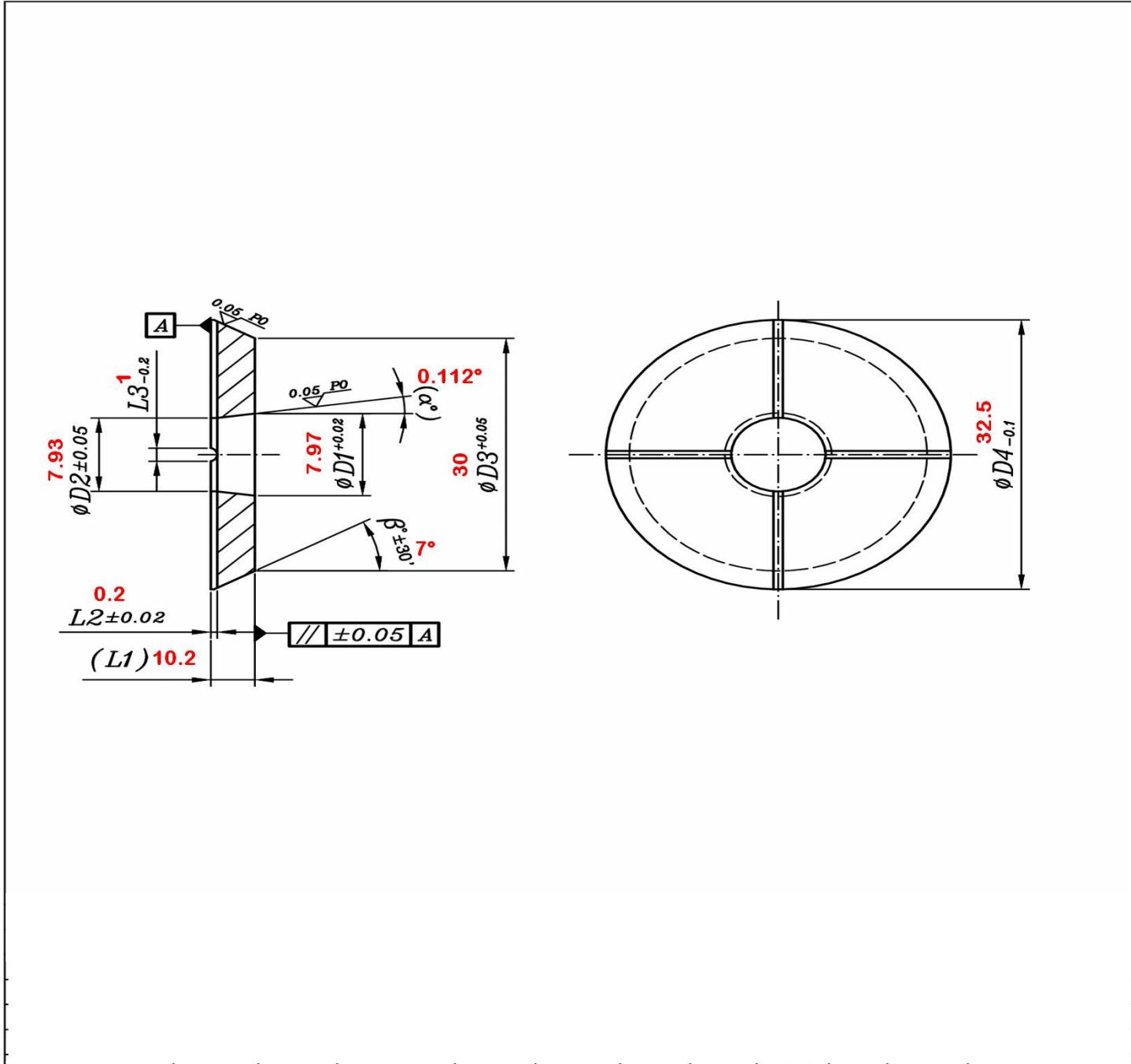
.03	35.0	18.0	4.0	48	25	M8.T40	
PART NR.	D1	D2	D3	L1	L2	PROD	
No.	MODIFICATION		BY	DATE		DESCRIPTION	
	Mat1. X210Cr12 1.2080 HARDNESS: 60-62 Rc HEAT TREAT: Hardening and Tempering		DATE: 90/4/15		NAME	SIGN	
	Mat2.		DRAWING NAME: FILLER BLOCK				
	FILE NO. -		DRAWING No: 2004543				
IRAN TOHID CO.			SCALE: -				

REMARKS:-

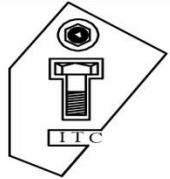


U.I.D.	QTY	Delivery	Status	Obs	U.I.D.	QTY	Delivery	Status	Obs
Coating			Description					Controlled Copy	
DIE 2004543.03					Article	98.03/01004			
Protected according to ISO 16016									

U.I.D. :	38674	Qty :	3	D. Date:	23/02/17	Status:	
Observations:						Times made:	1
Casing	H T		Carbide			QC Sign:	



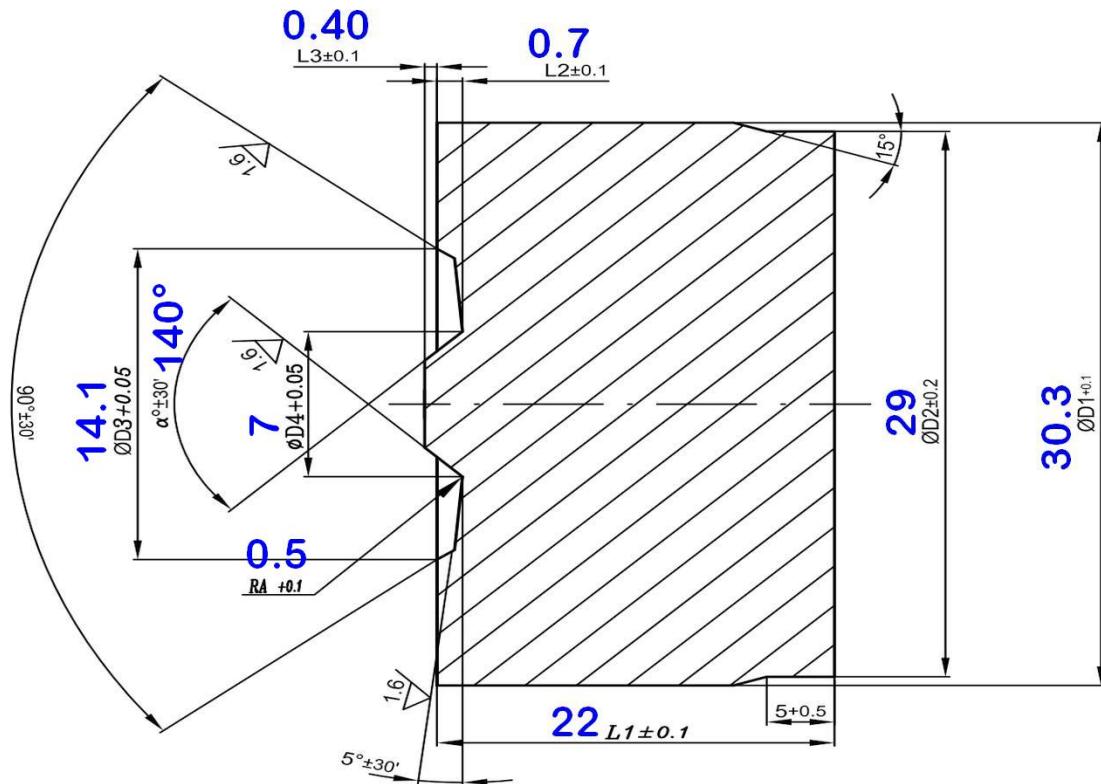
.13	7.97	7.93	30	32.5	10.2	0.2	1	0.112°	7°	23
PART Nr	D1	D2	D3	D4	L1	L2	L3	α°	β°	D5

No.	MODIFICATION	BY	DATE	DESCRIPTION		
	Mat1. 1.2344 HARDNESS: 48-50 RC HEAT TREAT: Hardening and Tempering		DATE: 82.6.15	NAME	SIGN	
	Mat2. 1.3343 62-64RC		DRAWING NAME: PRE-UPSET DIE PLATE	DESIGN	SHAHRABI	
	PROJECT NAME:		DRAWING No:	DRAW.	KHODADADI	
	PROJECT No:			CHECK.	SHAHRABI	
	FILE NO. BV2/2011802			APPRO.	SHAHRABI	
IRAN TOHID CO.			2011802	SCALE:		

REMARKS:-

	1972	3	19-Jul-12						
	U.I.D.	QTY	Delivery	Status	Obs	U.I.D.	QTY	Delivery	Status
Coating				Description		Controlled Copy			Obs
Protected according to ISO 16016				DIE 2011802.13				Article	98.03/00070

U.I.D. :	38656	Qty :	5	D. Date:	23/02/17	Status:	
Observations:						Times made:	1
Casing	H T		Carbide			QC Sign:	



07	30.3	29	14.1	7.00	22	0.7	0.4	0.5	140	M9-YG20206711
PART Nr	D1	D2	D3	D4	L1	L2	L3	Ra	α	Prod.
No. MODIFICATION BY DATE DESCRIPTION										
	Mat1. X155CrMoV12 1.2379 HARDNESS: 60-62 RC HEAT TREAT: Hardening and Tempering		DATE: 90/4/16		NAME	SIGN				
	Mat2.		DRAWING NAME: HEAD PUNCH INSERT		DESIGN.	SH.NAJAFI				
	FILE NO. _	6.2/	DRAWING No: 2004539		DRAW.	KARIMIAN				
					CHECK.	H.EBRAHIMI				
					APPRO.	SH.NAJAFI				
					SCALE:	-				

IRAN TOHID CO.

REMARKS:-



U.I.D.	QTY	Delivery	Status	Obs	U.I.D.	QTY	Delivery	Status	Obs
Coating			Description Controlled Copy						
DIE 2004539.07							Article 98.03/00687		
Protected according to ISO 16016									

U.I.D. :

Qty :

D.
Date:

01/01/01

Status:

Observations:

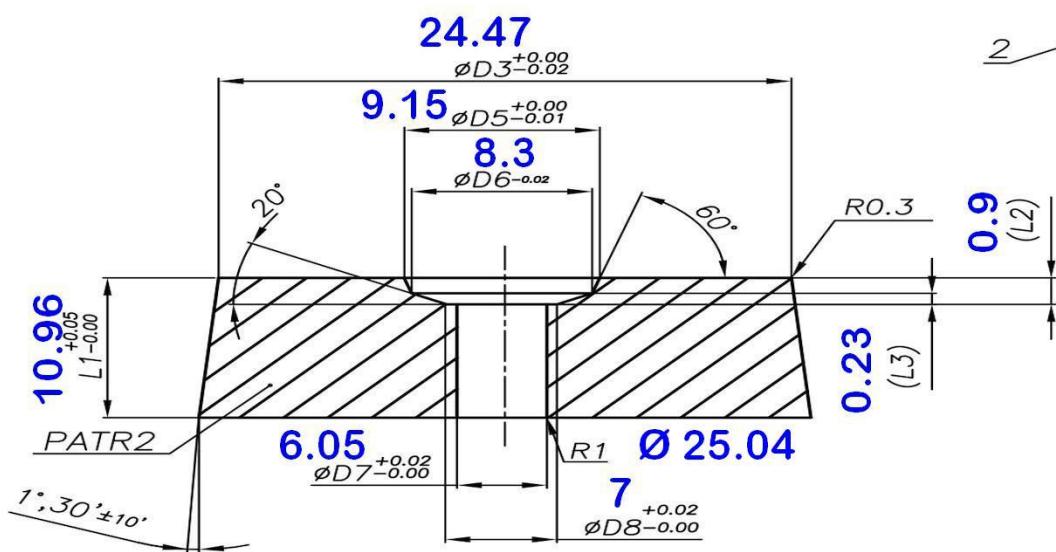
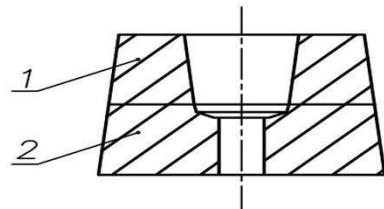
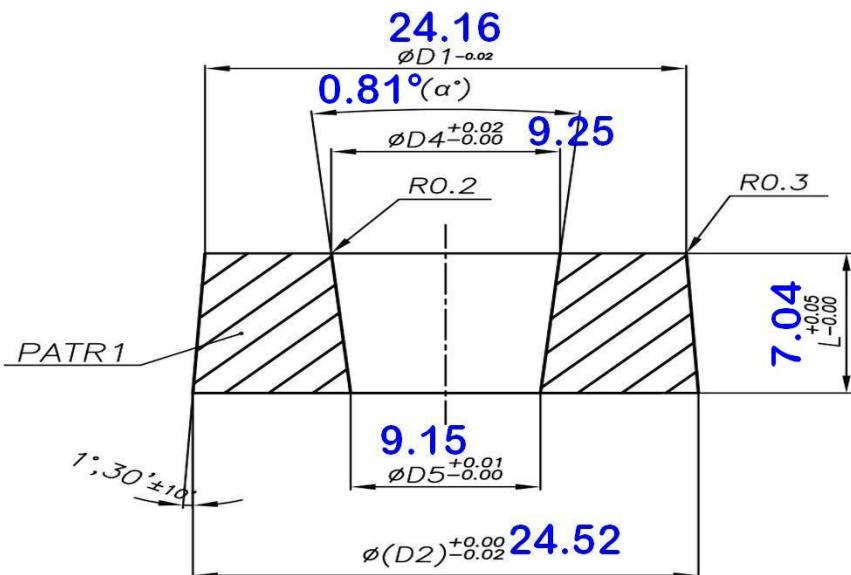
Times made: 2

Casing

H T

Carbide

QC Sign:



.03	E10	24.16	D2-0.05	9.25	9.15	8.3	6.05	7	7.04	10.96	0.97	0.23	0.81°	06E6LBR2E08
PART NR	TYPE	$\phi D1$	$\phi D3$	$\phi D4$	$\phi D5$	$\phi D6$	$\phi D7$	$\phi D8$	L	L1	L2	L3	α^*	
No.	MODIFICATION	BY							DATE	EDITOR			DESCRIPTION	
	Mat1. G50 HARDNESS: — HEAT TREAT: Hardening and Tempering								DATE: 90/04/20				NAME	SIGN
	Mat2. G50								DRAWING NAME:	SH.NAJAFI			DESIGN.	
	FILE NO. BR2								PUNCH INSERT	karimain			DRAW.	
									CHECK.	h.ebrahimi			CHECK.	
									APPRO.	SH.NAJAFI			APPRO.	
									SCALE:	_			SCALE:	

IRAN TOHID CO.

REMARKS:-



U.I.D.	QTY	Delivery	Status	Obs	U.I.D.	QTY	Delivery	Status	Obs
38655	5	23-Feb-17							
20923	10	06-Aug-15	most probabl						
Coating	Description					Controlled Copy			
	DIE 2006635.03					Article			
						98.03/00698			

Protected according to ISO 16016

U.I.D. :

Qty :

D.
Date:

01/01/01

Status:

Observations:

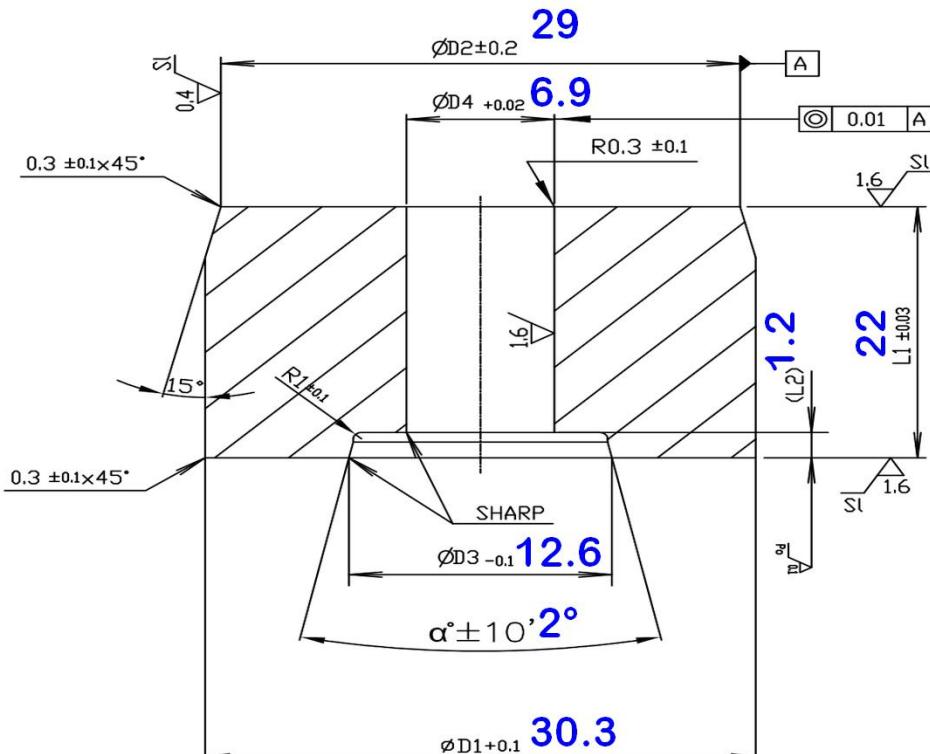
Times made: 1

Casing

HT

Carbide

QC Sign:



01	30.3	29	12.60	6.90	22	1.2	2°	TRX.Nº.40			
PART Nr	D1	D2	D3	D4	L1	L2	α	Prod.			
No.	MODIFICATION			BY		DATE		DESCRIPTION			
	Mat1. X155CrMoV12 1.2379 HARDNESS: 60-62 RC HEAT TREAT: Hardening and Tempering					DATE: 90/07/02		NAME	SIGN		
	Mat2.					DRAWING NAME:		DESIGN.	SH.NAJAFI		
						DRAW.		KARIMIAN			
						PUNCH		CHECK.	H.EBRAHIMI		
						DRAWING No:		APPRO.	SH.NAJAFI		
						2005346		SCALE:			
IRAN TOHID CO.											

REMARKS:-



U.I.D.	QTY	Delivery	Status	Obs	U.I.D.	QTY	Delivery	Status	Obs
Coating			Description Controlled Copy						Article
DIE 2005346.01						98.03/01005			
Protected according to ISO 16016									

U.I.D. :

Qty :

D.
Date:

01/01/01

Status:

Observations:

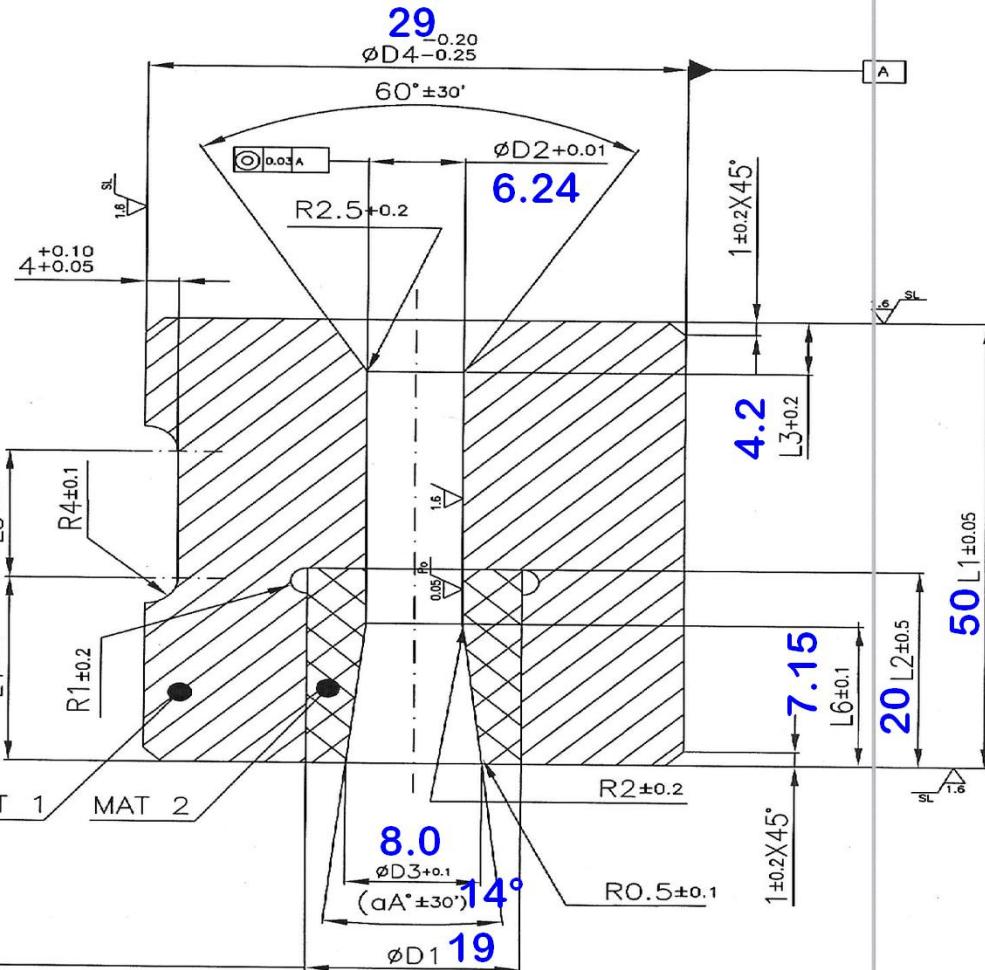
Times made: 2

Casing

H T

Carbide

QC Sign:



03	19.0	6.24	8.00	29.0	50	20.0	4.2	16	6.7	7.15	14*	06REDBR2-SW10
----	------	------	------	------	----	------	-----	----	-----	------	-----	---------------

PART NR.	D1	D2	D3	D4	L1	L2	L3	L4	L5	L6	aA*	
----------	----	----	----	----	----	----	----	----	----	----	-----	--

No.	MODIFICATION	BY	DATE	DESCRIPTION		
	Mat1. X40CrMoV5 1 1.2344 HARDNESS: RING HARTEN 49-51 Rc HEAT TREAT: Hardening and Tempering Mat2. CARBIDE STEEL-HARTMETALL-ALLIAGE DUR C50 FILE NO. -	6.3	90/03/04	DATE:	NAME	SIGN
			DRAWING NAME: PRE-UPSET PUNCH	DESIGN.	SH.NAJAFI	
				DRAW.	BAYRAMPOUR	
				CHECK.	H.EBRAHIMI	
				APPRO.	SH.NAJAFI	
				SCALE:		

IRAN TOHID CO.

REMARKS:-



U.I.D.	QTY	Delivery	Status	Obs	U.I.D.	QTY	Delivery	Status	Obs
--------	-----	----------	--------	-----	--------	-----	----------	--------	-----

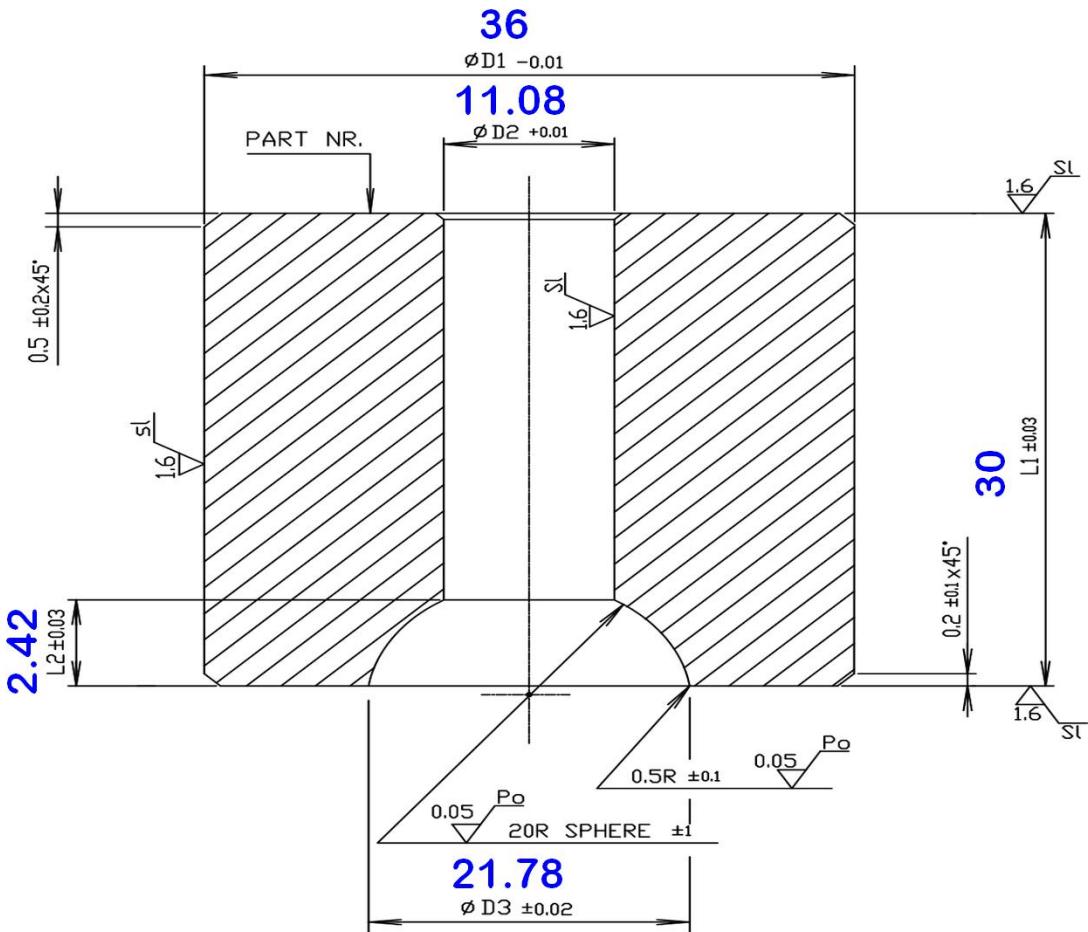
Coating	Description	Controlled Copy	Article
---------	-------------	-----------------	---------

DIE 2004569.03

98.03/00695

Protected according to ISO 16016

U.I.D. :	38646	Qty :	5	D. Date:	23/02/17	Status:	
Observations:						Times made:	1
Casing	H T		Carbide			QC Sign:	



255301.01	36.00	11.08	21.78	30.0	2.42
PART NR.	D1	D2	D3	L1	L2

Machine: NH 518	Afm.:	Mat.: S 6-5-2 1.3343	Beh.: HARDENED- GEHARTET- TREMPE 60-62 Rc	Bew.:	Gez.:
	Benaming:			6.3	Dat.: 09-10-23 Get.: V.H.K.
1				1 Ra = 10 ⁻⁶ m CLA	Form.:
2				Tek. nr.:	Schaal:
3				255301/4/0	
4					
5					
	NEDSCHROEF HERENTALS NV BELGIUM				

REMARKS:-



U.I.D.	QTY	Delivery	Status	Obs	U.I.D.	QTY	Delivery	Status	Obs
Coating			Description Controlled Copy						
DIE 255301.01							Article 98.03/00505		
Protected according to ISO 16016									

U.I.D. :	38642	Qty :	3	D. Date:	23/02/17	Status:	
Observations:						Times made:	2

Observations:

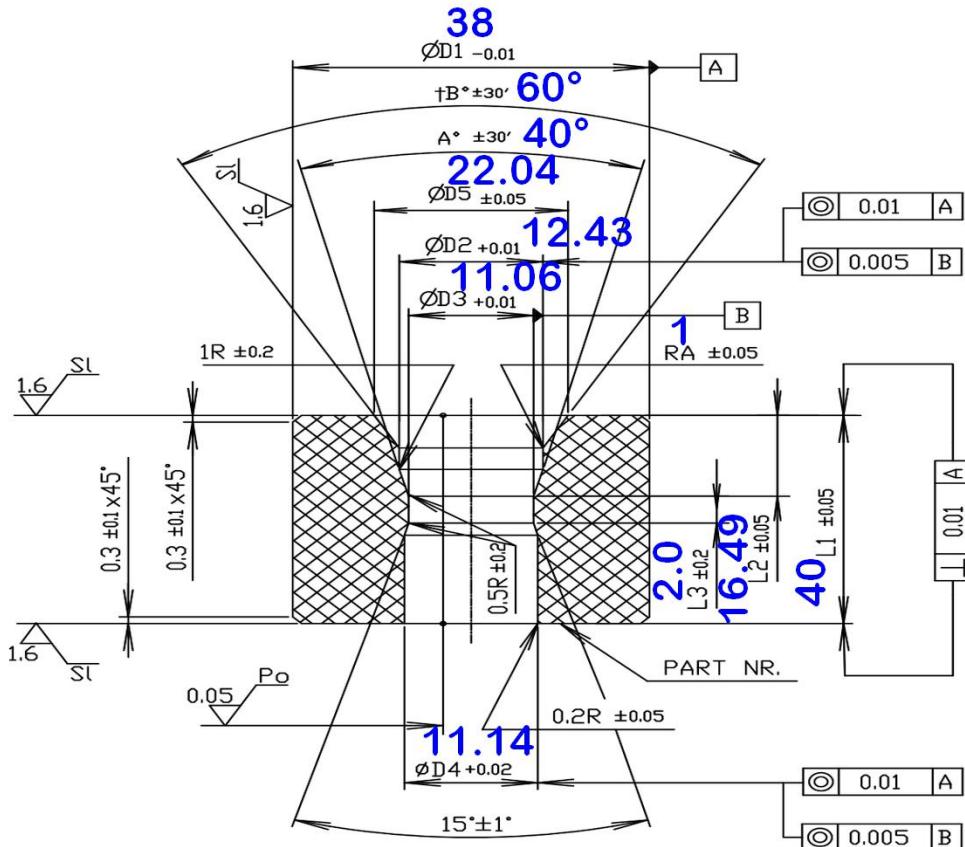
Times made: 2

Casing

H T

Carbide

QC Sign:



255302.02	38.0	12.43	11.06	11.14	22.04	40.0	16.49	2.0	1.0	40°	60°	replace for .01
PART NR.	D1	D2	D3	D4	D5	L1	L2	L3	RA	?A°	?B°	
Machine: NH 518	Afm.: Mat.: CARBIDE STEEL-HARTMETAL-ALLIAGE DUR G30	Bew.: 3.2 ✓	Gez.: Dat.: 09-10-23									
Beh.: 1	Beh.: 2	Beh.: 3	Beh.: 4	Beh.: 5	Get.: V.H.K. 1 Ra = 10 ⁻⁶ m CLA	Form.: Tek. nr.: 255302/4/0	Schaal:					
Benaming: REDUCEERMATRIJS REDUCING DIE REDUZIERMATRIZE MATRICE	NEDSCHROEF HERENTALS NV BELGIUM	 										

REMARKS:-



19790	5	02-Jul-15							
10865	3	10-Jun-14		% OUTSOURCE IN AX					
U.I.D.	QTY	Delivery	Status	Obs	U.I.D.	QTY	Delivery	Status	Obs
Coating			Description				Controlled Copy	Article	
Protected according to ISO 16016			DIE 255302.02					98.03/00517	

U.I.D. : 39975 Qty : 1 D. Date: 23/02/17 Status: PVD-TIN ?

Observations:

Casing HT

Carbide

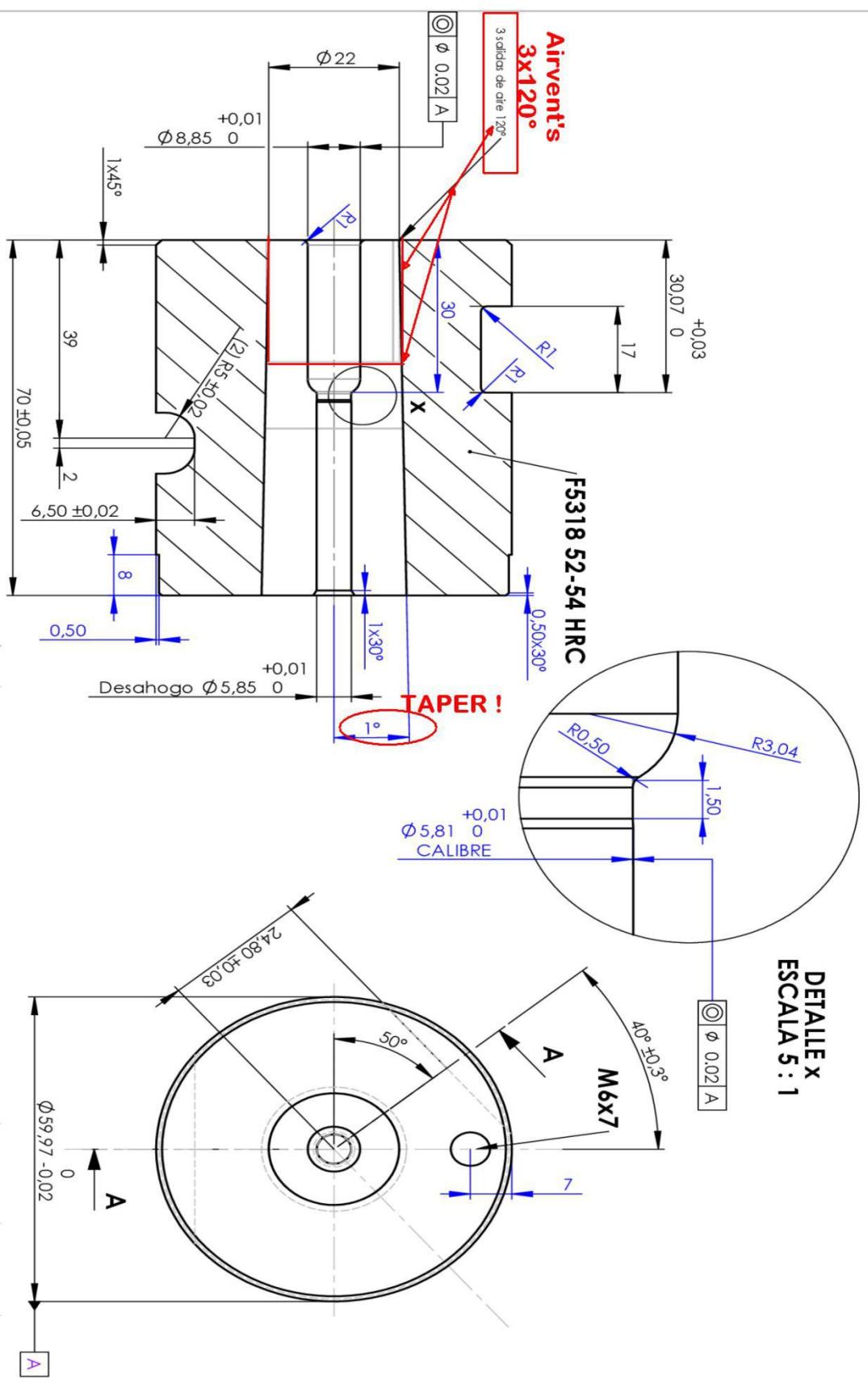
Times made:

QC Sign:

NUCLEO REDUCCION CON TRATAMIENTO DE
TITANIO

PVD-TIN COATING !

SECCIÓN A-A



Printed copies are for information only

REMARKS:-



U.I.D.	QTY	Delivery	Status	Obs	U.I.D.	QTY	Delivery	Status	Obs
Coating			Description					Controlled Copy	Article

Protected according to ISO 16016

DIE 6110001.101 Ind.l

34.04/01206

U.I.D. :

38659

Qty :

2

Date:

23/02/17

Status:

Observations:

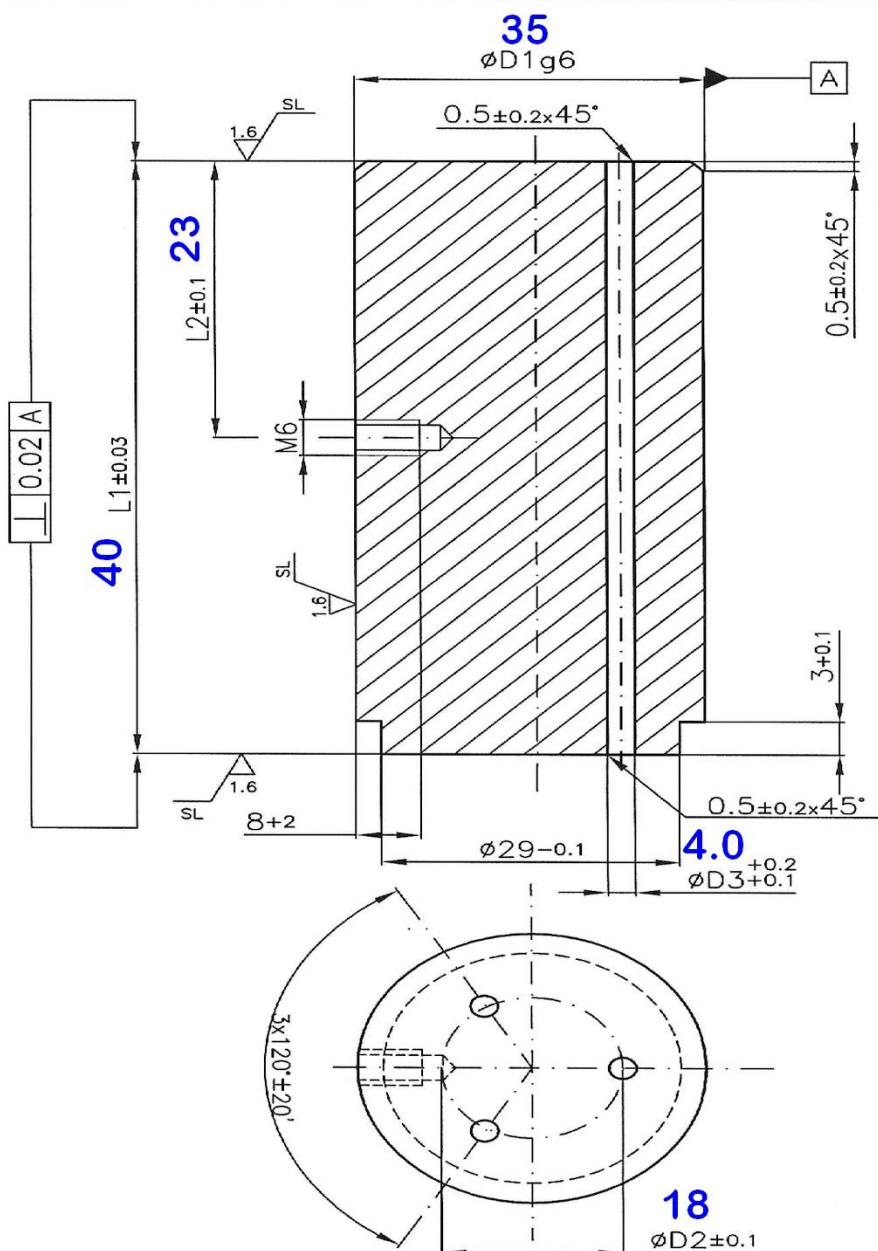
Times made: 1

Casing

HT

Carbide

QC Sign:



.04	35.0	18.0	4.0	40	23	6880
-----	------	------	-----	----	----	------

PART NR. D1 D2 D3 L1 L2 PROD

No.	MODIFICATION	BY	DATE	DESCRIPTION		
 ITC	Mat1. X210Cr12	1.2080	DATE: 90/4/15		NAME	SIGN
	HARDNESS: 60-62 Rc			DESIGN.	SH.NAJAFI	
	HEAT TREAT: Hardening and Tempering		DRAWING NAME:			
	Mat2.		FILLER BLOCK	DRAW.	BAYRAMPOUR	
	FILE NO. -	6.3	DRAWING No:	CHECK.	H.EBRAHIMI	
			2004543	APPRO.	SH.NAJAFI	
				SCALE:	-	

REMARKS:-



20913	3	06-Aug-15		%outsource					
U.I.D.	QTY	Delivery	Status	Obs	U.I.D.	QTY	Delivery	Status	Obs
Coating			Description				Controlled Copy	Article	
Protected according to ISO 16016			DIE 2004543.04					98.03/00688	

U.I.D. : 39162

Qty : 4

D.

Date:

23/02/17

Status:

Observations:

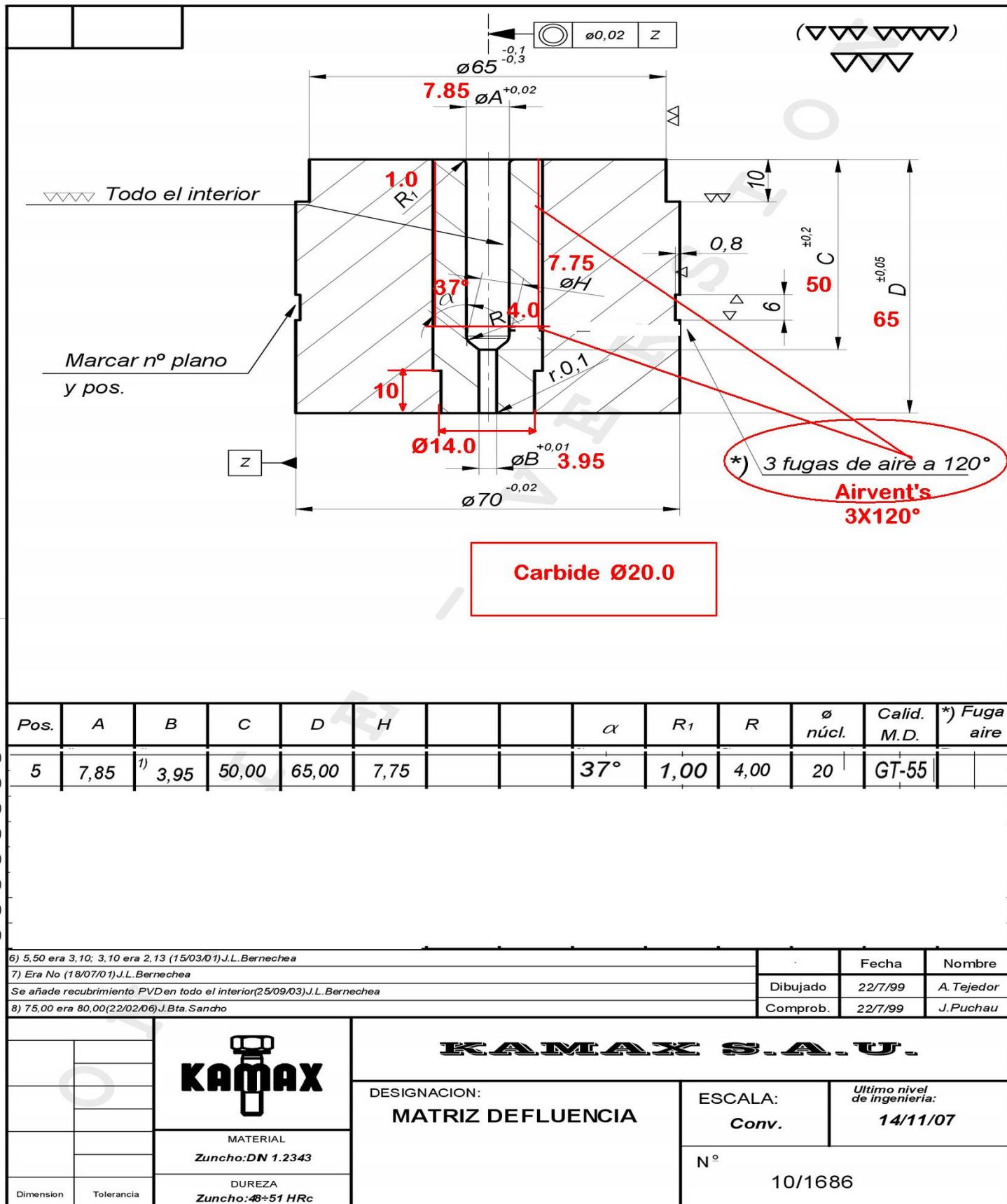
Times made:

Casing

HT

Carbide

QC Sign:



REMARKS:-



U.I.D.	QTY	Delivery	Status	Obs	U.I.D.	QTY	Delivery	Status	Obs
Coating									
Description			Controlled Copy					Article	
DIE 51.0050.677 10-1686 Pos.5 Ind.8					34.09/00208				

Protected according to ISO 16016

U.I.D. : 39637

Qty :

1

D.
Date:

23/02/17

Status:

Observations:

Times made: 2

Casing

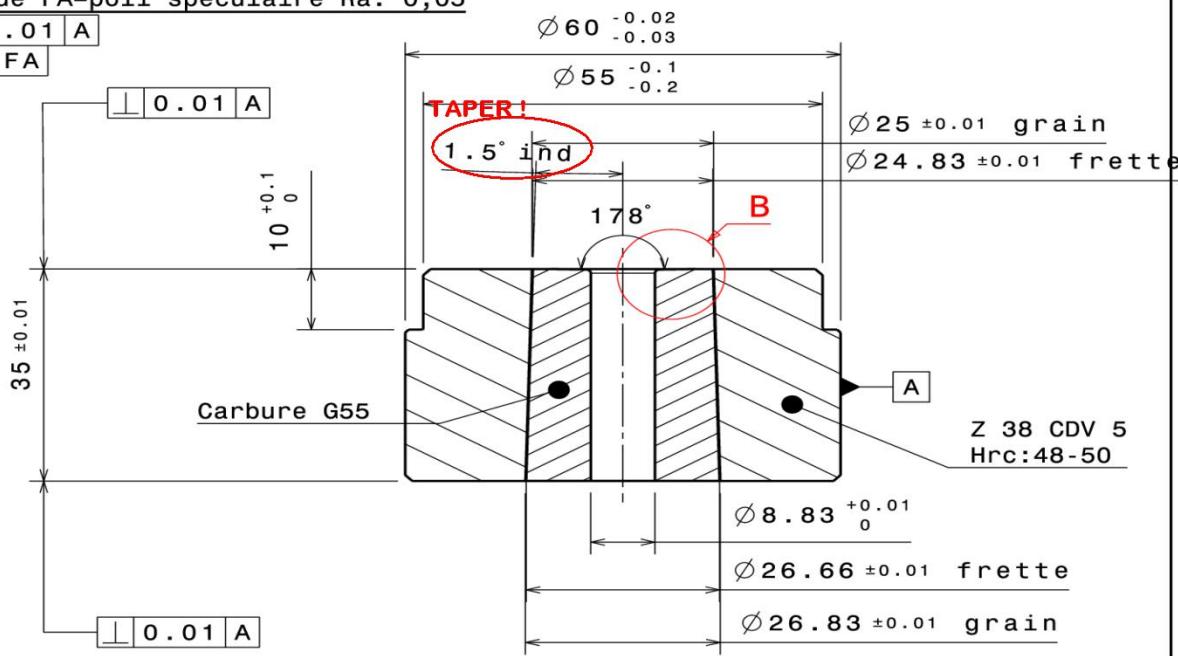
HT

Carbide

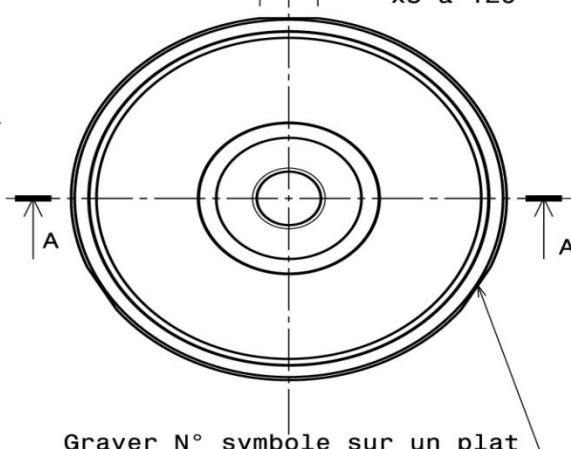
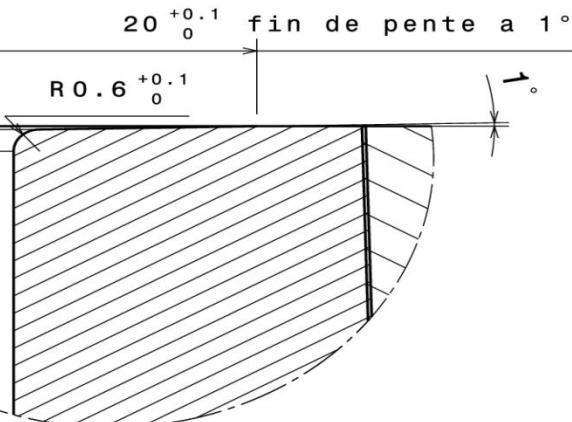
QC Sign:

Chanfreins non cotés: 1 à 45°
 FA=profil intérieur du grain CW
 Etat de surface de FA=poli spéculaire Ra: 0,05

Coupe A-A
 Echelle : 1:1



Détail B
 Echelle : 6:1



B modification du cone d'entrée de la matrice suite MAP de Mr Pottiez				08/10/2013	A Lehoucq	
Index	Modification				Date	Dessiné par
Matériau: st éléments	Traitement: st éléments	Format	Echelle:	Référence Pièce:	V 1293	Approuvé par
		A4	1/1	N° Symbole:	730_195_541	
Affectation: SP3				Description:	MATRICE	
				Dimensions:		
AGRATI	FRANCE					
FASTENING SYSTEMS						
Agrati Vieux-Condé SAS				Fichier:	V 1293	1/1
CE DOCUMENT EST LA PROPRIÉTÉ EXCLUSIVE DE AGRATI VIEUX-CONDÉ ET NE PEUT ÊTRE UTILISÉ SANS SON ACCORD PRÉALABLE ÉCRIT						

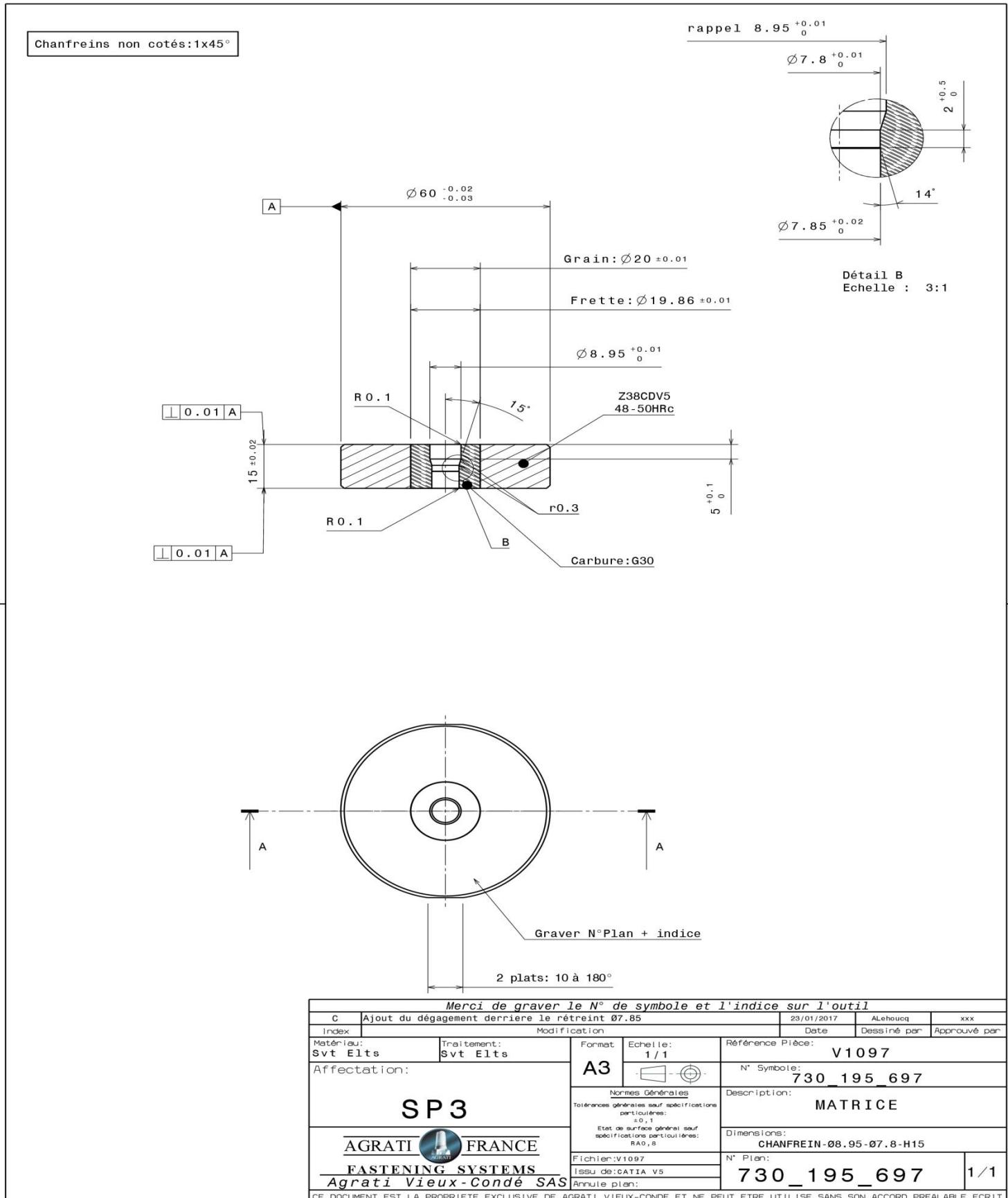
REMARKS:-

U.I.D.	QTY	Delivery	Status	Obs	U.I.D.	QTY	Delivery	Status	Obs
8335	2	26-Dec-13							
6394	2	06-Aug-13		CRITICAL					
Coating									
Description					Controlled Copy		Article		
DIE 730195541 Ind.B							33.07/00146		
Protected according to ISO 16016									

U.I.D. :	39640	Qty :	1	D. Date:	23/02/17	Status:	
----------	-------	-------	---	-------------	----------	---------	--

Observations:		Times made:	2
---------------	--	-------------	---

Casing	H T	Carbide	QC Sign:
--------	-----	---------	----------



REMARKS:-

U.I.D.	QTY	Delivery	Status	Obs	U.I.D.	QTY	Delivery	Status	Obs
35280	1	27-Oct-16							
30011	2	28-Apr-16							
Coating			Description		Controlled Copy			Article	
			DIE 730195697 Ind.C					33.07/00950	
Protected according to ISO 16016									

U.I.D. :	39646	Qty :	1	D. Date:	23/02/17	Status:	
Observations:						Times made:	
Casing	HT	Carbide			QC Sign:		

$\phi 8.0$ (épaisseur partie AF)

$\phi 16$

$\phi 6.20 \pm 0.01$

$\phi 6.80 \pm 0.01$

10°

45°

Carbide

$\phi 40 \pm 0.2$

50 ± 0.05

15.6 ± 0.1

$\phi 36 \pm 0.1$

$\phi 5 \pm 0.02$

$0.5 \times 45^\circ$

4.0°

A							
Referece	Date	Non					
Material							
WELLING:							
COUPURE G4	Opérat:	Traitement:	ØDINNE:	N° DAD:			
Front:	Entaille:		2 $\frac{1}{2}$ P.2				
A4	SLC		Vbf				
DESTINATION:							
NOYAU	211486						
PLAN							
INVERSE							

REMARKS:-


U.I.D.	QTY	Delivery	Status	Obs	U.I.D.	QTY	Delivery	Status	Obs
Coating									
Description		Controlled Copy							
DIE RJ42Z 2-1486								Article	
33.02/01009									

U.I.D. : 39647 Qty : 1

23/02/17

Status:

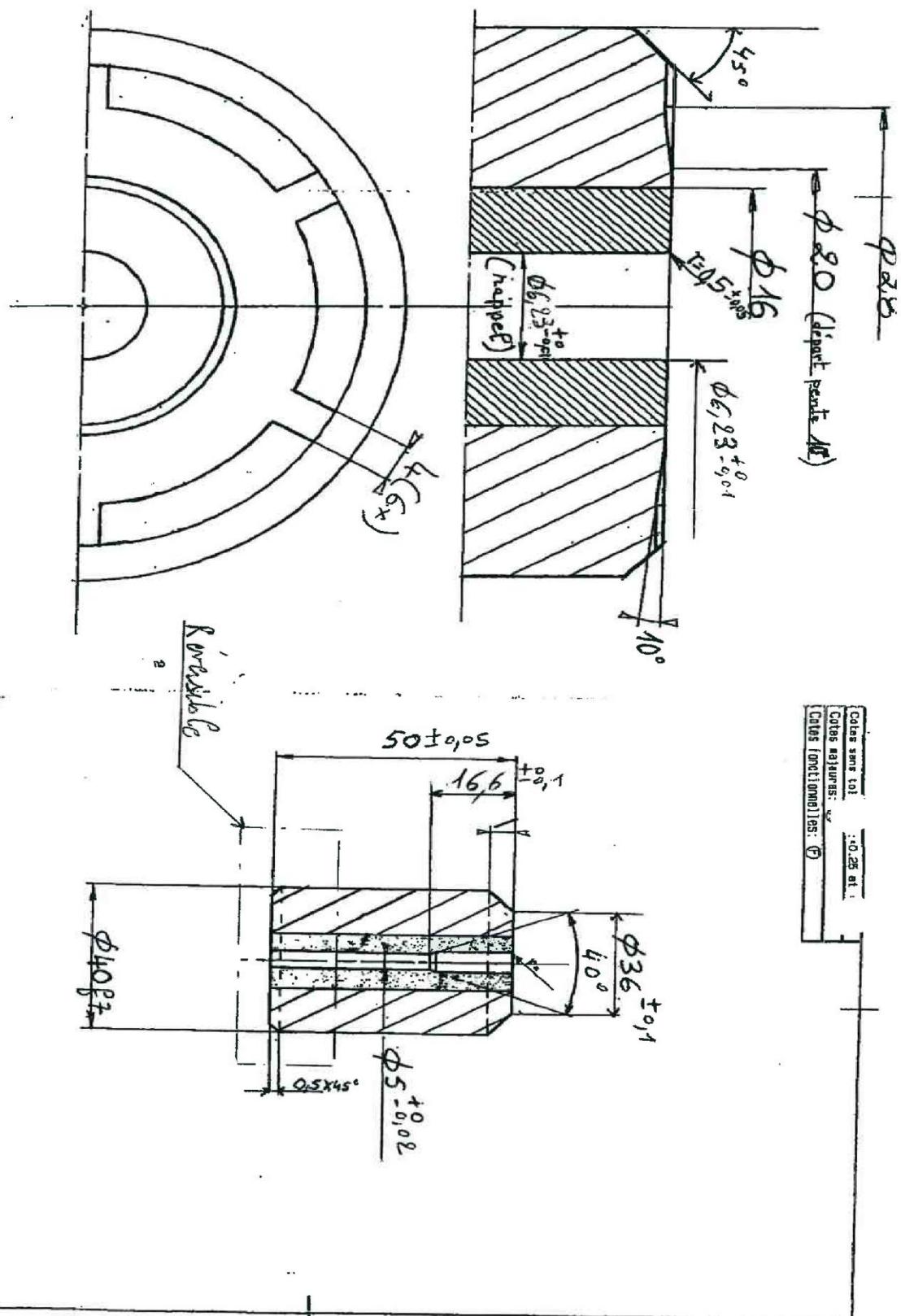
Observations:

Times made:

Casing H T

Carbide

QC Sign:



REMARKS:-



U.I.D. :	39469	Qty :	2	D. Date:	23/02/17	Status:	*NEW PRODUCT
----------	-------	-------	---	-------------	----------	---------	--------------

Observations:

Casing	H T	Carbide	QC Sign:
--------	-----	---------	----------

0135235 Fax: 03715705361

4/5

0034 936 455 428

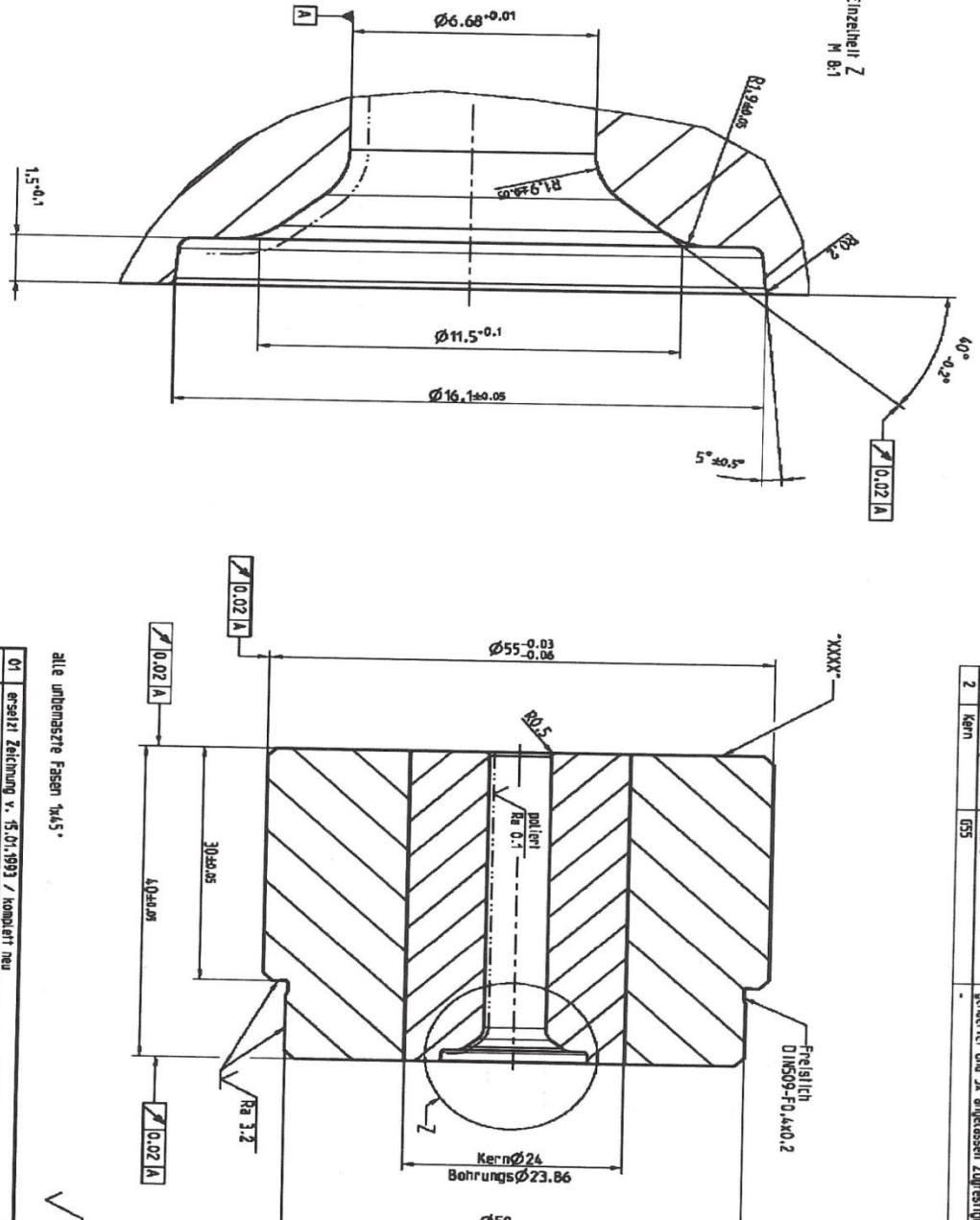
25.01.2017

Times made:

17:13 DirectFax

The reproduction, distribution and utilization of this document as well as the communication of its contents to others without explicit authorization is prohibited. Offenders will be held liable for the consequences. All rights reserved in the event of the grant of a patent, utility model or design right.

Verbreitung sowie Vervielfältigung dieses Dokuments sowie die Weitergabe seiner Inhalten an Dritte ist ohne ausdrückliche Genehmigung untersagt. Die Verantwortlichen werden schriftlich verstrafen. Alle Rechte vorbehalten.


 $\sqrt{Ra 0.8} (\checkmark)$

alle unbenannte Fäsen 1x0.5.

01	ersetzt Zeichnung v. 15.01.1993 / komplett neu	02.01.2017	Weigel
Index	Art der Änderung	geprüft am	geprüft
"XXXX"	Beschriftungen mit 405192/01 und Herstellerkennzeichen		
Allgemeine Maßtoleranzen sind in den technischen Zeichnungen angegeben. Werte und Einheiten sind in mm angegeben. Vorstellungen sind zu verstehen.	Verschaff	Verschl/Bezeichnung/-Fertigheit	
CAO Prof. Datum Name Benennung	Siehe Tabelle	Siehe Tabelle	
geprüft 02.01.2017	Wiegel		

Schaftmatrix = 405192

Tabelle

Raabschichtdicke/mm unter

Blatt

Format

A3

Fertig

-

Bemerkung

-

Haus

Praxis

2:1

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

REMARKS:-



U.I.D.	QTY	Delivery	Status	Obs	U.I.D.	QTY	Delivery	Status	Obs
Coating									
Description				Controlled Copy	Article				
DIE 300-10:2563/01 405192 Ind.01					49.02/00511				
Protected according to ISO 16016									

U.I.D. : 40112

Qty :

6

17/03/17

Status:

Observations:

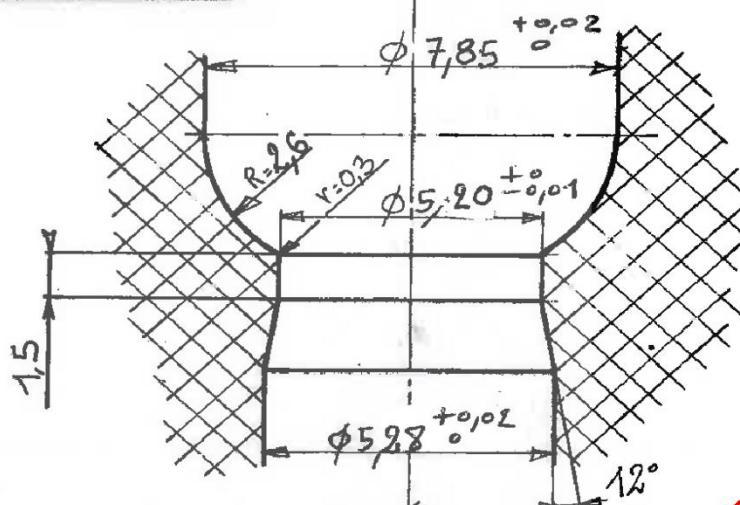
Times made: 29

Casing H T

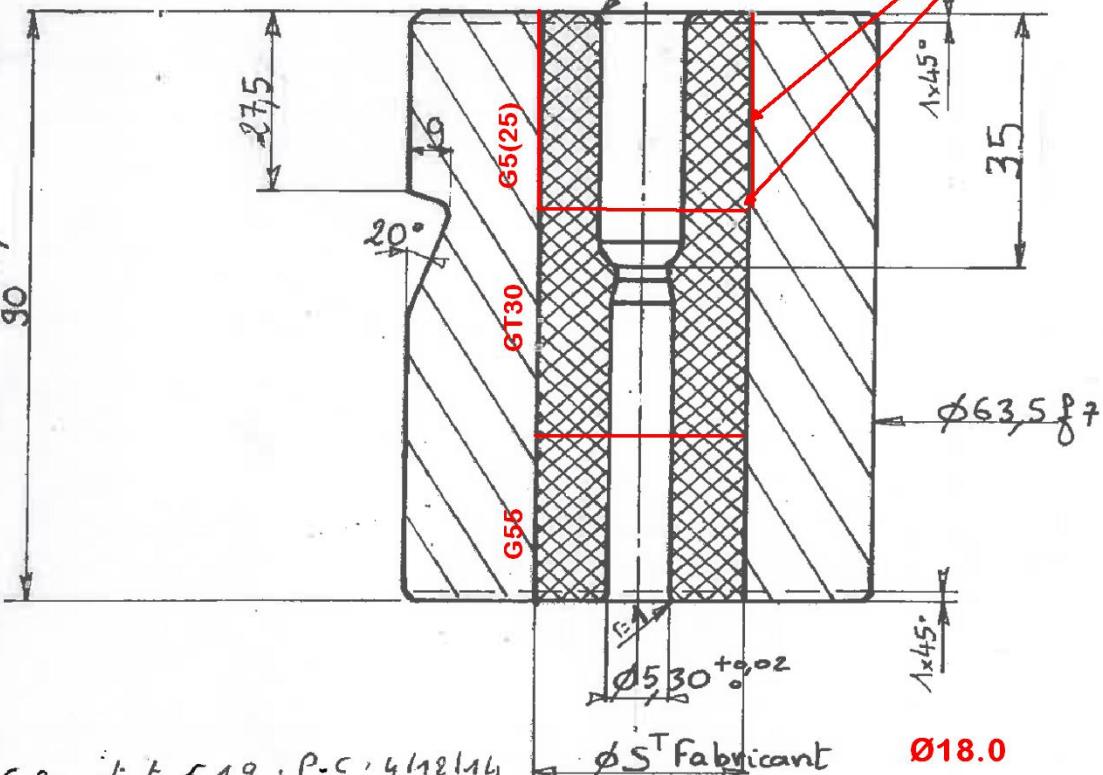
Carbide

QC Sign:

CÔTES SANS TOLÉRANCE: ± 0.25



Airvent's
3x120°



215,20 elut 519; P-C: 4112144

1) 5,19 était- 5,18 - P.C. 28101114

VISSEURS ET BOULONNERS DE FOURMIES

Echelle :

Matière : 45NCDA17 +

Dessiné : L-JL

Carbure G3

Date : 18-3-13

Traitements :

DÉSIGNATION : RAY-CARL

ORGANE : nerve posté

MACHINE : BV3

N° Modèle.....

N° PLAN : ... 1/1246

MR. DEDONNEE FOURMIES 83

REMARKS:-



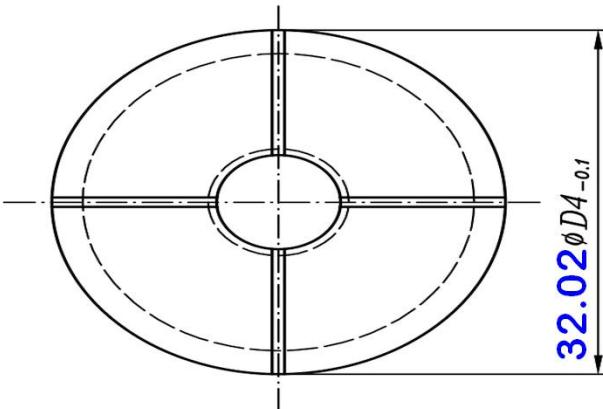
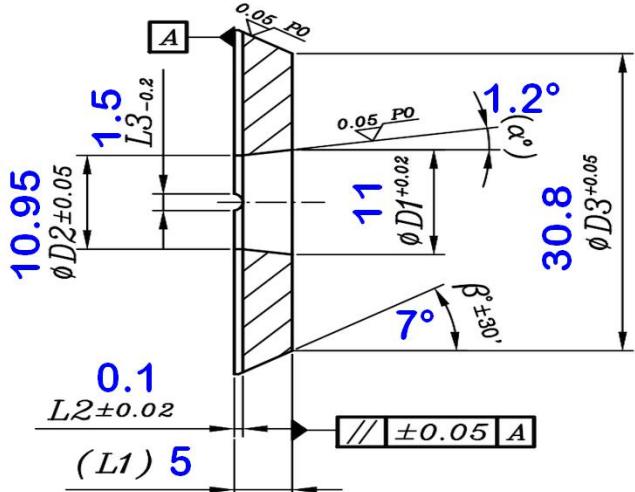
WORLDS

39794	4	23-Feb-17	Please produc	=VERY UR	38737	6	03-Feb-17	15.02 by dhl do
39790	8	07-Mar-17			36537	6	07-Dec-16	Ok by Global O
U.I.D.	QTY	Delivery	Status	Obs	U.I.D.	QTY	Delivery	Status
Coating			Description		Controlled Copy			Article
Protected according to ISO 16016			DIE B63XV30976 1-1246 Ind.2					33.02/00334

U.I.D. :	38672	Qty :	8	D. Date:	23/02/17	Status:	
----------	-------	-------	---	-------------	----------	---------	--

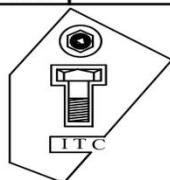
Observations:		Times made: 1
---------------	--	---------------

Casing	H T	Carbide	QC Sign:
--------	-----	---------	----------



.06	11.0	10.95	30.8	32.02	5	0.1	1.5	1.2°	7°	23
-----	------	-------	------	-------	---	-----	-----	------	----	----

PART Nr	D1	D2	D3	D4	L1	L2	L3	α°	β°	D5
---------	----	----	----	----	----	----	----	----	----	----

No.	MODIFICATION	BY	DATE	DESCRIPTION	NAME	SIGN
	Mat1. 1.2344 HARDNESS: 48-50 RC HEAT TREAT: Hardening and Tempering		DATE: 82.6.15		DESIGN. SHAHRABI	
	Mat2. 1.3343 62-64RC		DRAWING NAME: PRE-UPSET DIE PLATE		DRAW. KHODADADI	
	PROJECT NAME:		DRAWING No:		CHECK. SHAHRABI	
	PROJECT No:				APPRO. SHAHRABI	
	FILE NO. BV2/2011802				SCALE:	
IRAN TOHID CO.		1.6 ^{SL}	2011802			

REMARKS:-

	21032	10	06-Aug-15						
U.I.D.	QTY	Delivery	Status	Obs	U.I.D.	QTY	Delivery	Status	Obs
Coating			Description		Controlled Copy			Article	
Protected according to ISO 16016		DIE 2011802.06				98.03/00805			

U.I.D. : 39811

Qty :

4

D.
Date:

23/02/17

Status:

Observations:

Times made:

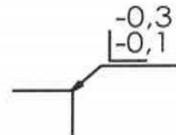
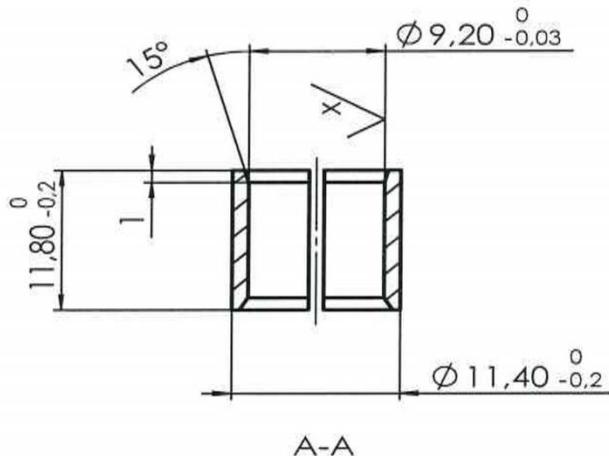
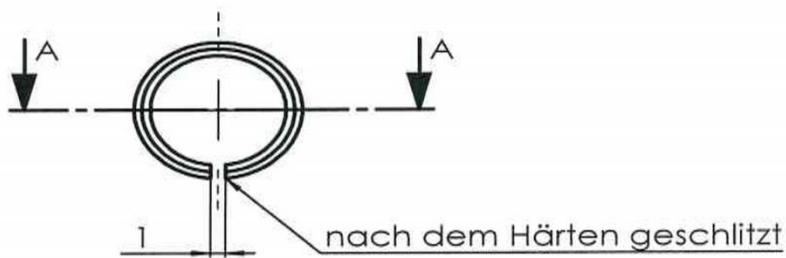
Casing H T

Carbide

QC Sign:

© by KAMAX® (www.kamax.com)- All rights reserved. This drawing is the property of KAMAX® and may not be reproduced in any form, either in whole or in part, or made available to any third party or used for manufacturing or any other purpose, without the prior written permission of KAMAX®.

31. Jan. 2017



✓ (✓)

No.	Date	Name	Modification		
Quenched	N/mm ²	Hardened and Tempered	Material	1.2550 / 60 WCrV 7 [S 1]	
General Tolerance ISO 2768 mK		50 - 52 HRC	Coating		
Tolerance ISO 8015	Dim. in mm [inch]	EHT	Description	Sleeve Spannring	
Symbol for surface finishes			Dimension		
$\text{U} = \sqrt{\text{RZ } 100}$	$\text{V} = \sqrt{\text{RZ } 8.3^{\circ}}$	1st Angle per ISO 128 	Created	30.01.2017	sschouler
$\text{V} = \sqrt{\text{RZ } 6.3^{\circ}}$	$\text{V} = \sqrt{\text{RZ } 2^{\circ}}$		Approved	31.01.2017	jesch
$\text{V} = \sqrt{\text{RZ } 2.5^{\circ}}$	$\text{Z} = \sqrt{\text{RZ } 0.4^{\circ}}$		Released	31.01.2017	jesch
			Scale	Drawing Number	Format A4!
				12 Xu 011 000 008	Sheet 1 of
				SML:12XU	SAP-Mat.:

REMARKS:-



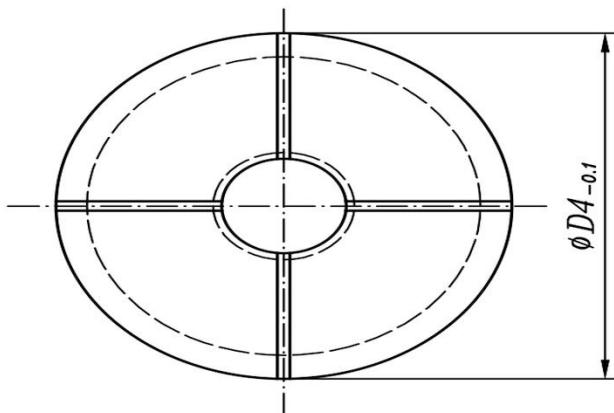
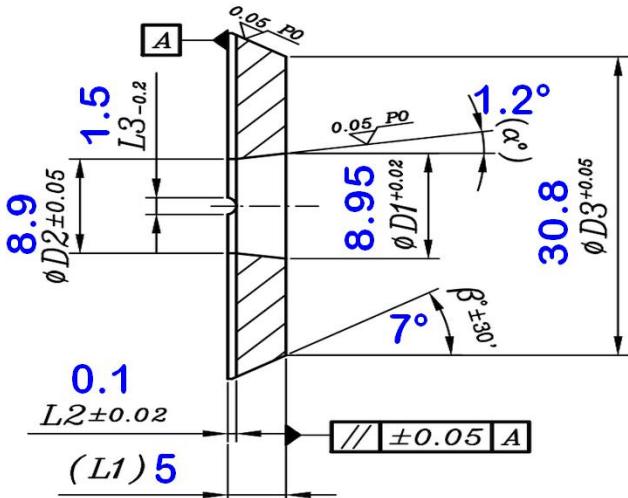
WORLDS

U.I.D.	QTY	Delivery	Status	Obs	U.I.D.	QTY	Delivery	Status	Obs
Coating			Description				Controlled Copy	Article	
Protected according to ISO 16016			DIE 51.0243.760 12XU011000008				49.14/00245		

U.I.D. :	38673	Qty :	6	D. Date:	23/02/17	Status:	
----------	-------	-------	---	-------------	----------	---------	--

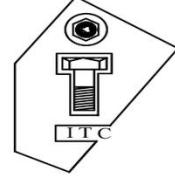
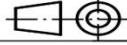
Observations:		Times made:	1
---------------	--	-------------	---

Casing	H T	Carbide	QC Sign:
--------	-----	---------	----------



.07	8.95	8.9	30.8	32.02	5	0.1	1.5	1.2°	7°	23
-----	------	-----	------	-------	---	-----	-----	------	----	----

PART Nr	D1	D2	D3	D4	L1	L2	L3	α°	β°	D5
---------	----	----	----	----	----	----	----	----	----	----

No.	MODIFICATION	BY	DATE	DESCRIPTION		
	Mat1. 1.2344 HARDNESS: 48-50 RC HEAT TREAT: Hardening and Tempering		DATE: 82.6.15		NAME: SHAHRABI	SIGN:
	Mat2. 1.3343 62-64RC		DRAWING NAME: PRE-UPSET DIE PLATE	DRAW. KHODADADI		
	PROJECT NAME:		DRAWING No:	CHECK: SHAHRABI		
	PROJECT No:			APPRO: SHAHRABI		
	FILE NO. BV2/2011802			SCALE:		
IRAN TOHID CO.		1.6 SL	2011802			

REMARKS:-

	21033	5	06-Aug-15						
	U.I.D.	QTY	Delivery	Status	Obs	U.I.D.	QTY	Delivery	Status Obs
Coating				Description		Controlled Copy		Article	
				DIE 2011802.07				98.03/00806	
Protected according to ISO 16016									

U.I.D. :	38693	Qty :	2	D. Date:	23/02/17	Status:	
----------	-------	-------	---	-------------	----------	---------	--

Observations:

Times made: 1

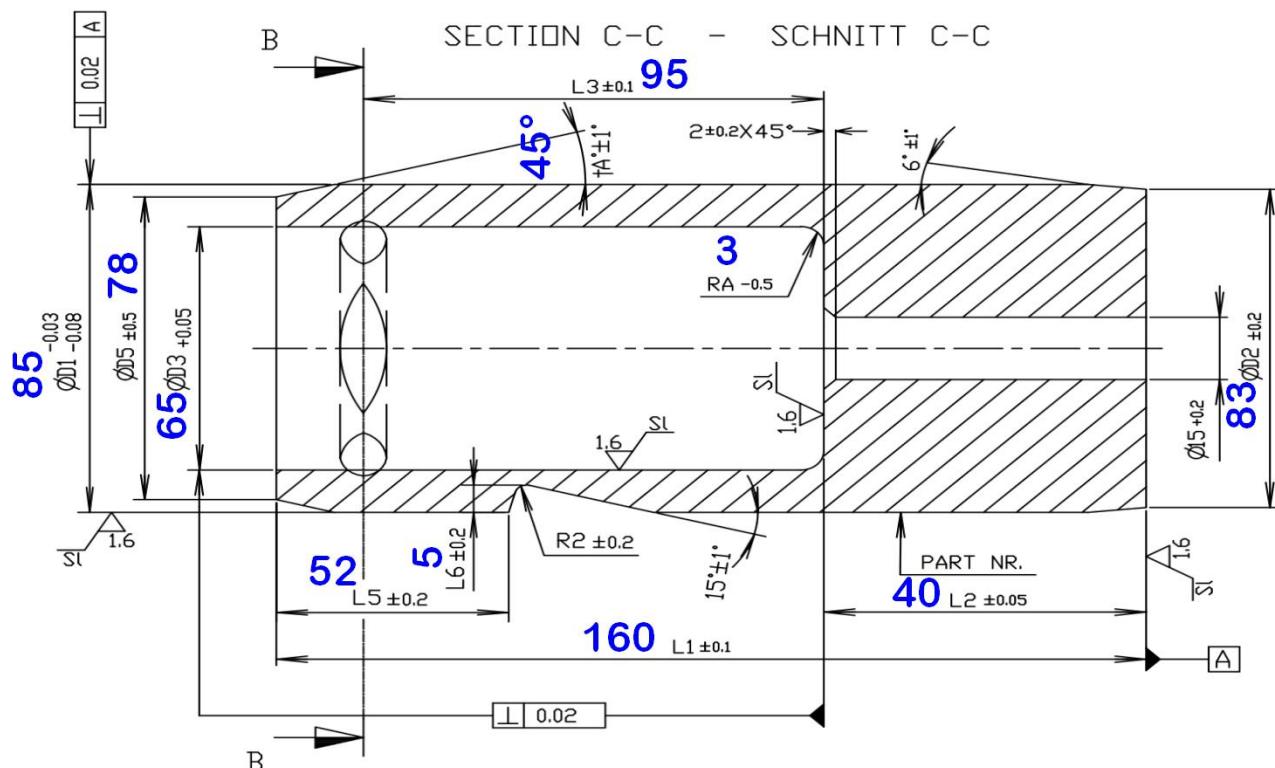
Casing

HT

Carbide

QC Sign:

This drawing is property of Nedschroef. No reproduction without written permission.



-0.5
DIN ISO 13715

255216.02	85.0	83.0	65.0	8.0	78.0	160.0	40.0	95.0	32.5	52.0	5.0	3.0	45°
PART NR.	D1	D2	D3	D4	D5	L1	L2	L3	L4	L5	L6	RA	?A°
Machine: NH518	Afm.:								Bew.:			Gez.:	
	Mat.:	50NiCr13			1.2721				6.3 ✓			Dat.:	09-10-07
1	Beh.:	HARDENED- GEHÄRTET- TREMPE			52-54	Rc						Get.:	B.V.
2	Benaming:	HOUDER HOLDER SUPPORT HALTER							Tek. nr.:			Form.:	
3									255216/4/1			Schaal:	
4													
5													
NEDSCHROEF HERENTALS NV BELGIUM													

REMARKS:-



U.I.D.	QTY	Delivery	Status	Obs	U.I.D.	QTY	Delivery	Status	Obs
Coating									
Description					Controlled Copy				
DIE 255216.02					Article				
					98.03/00635				

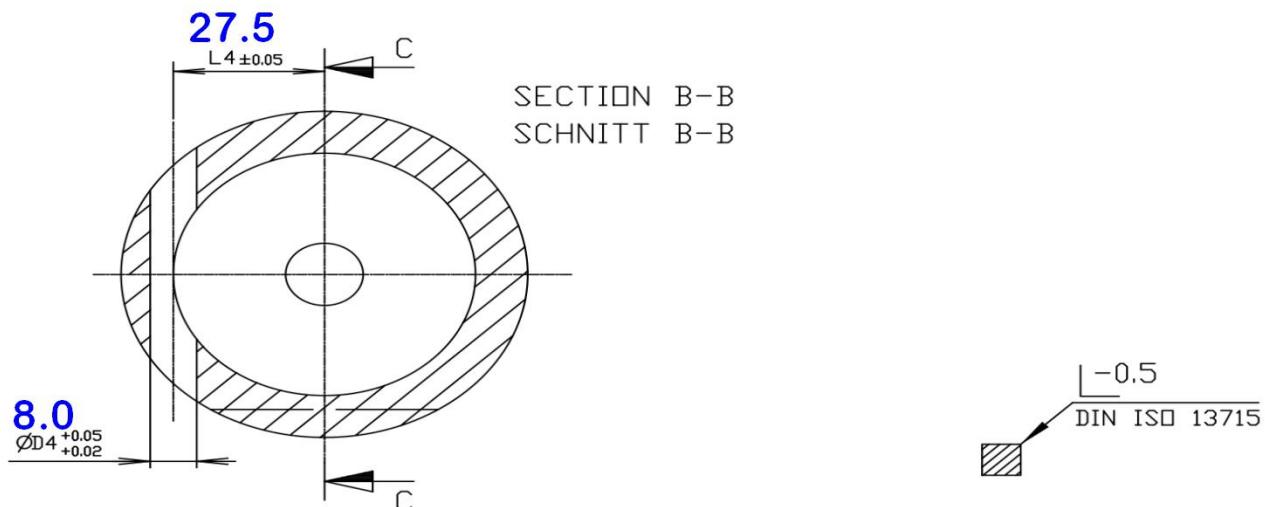
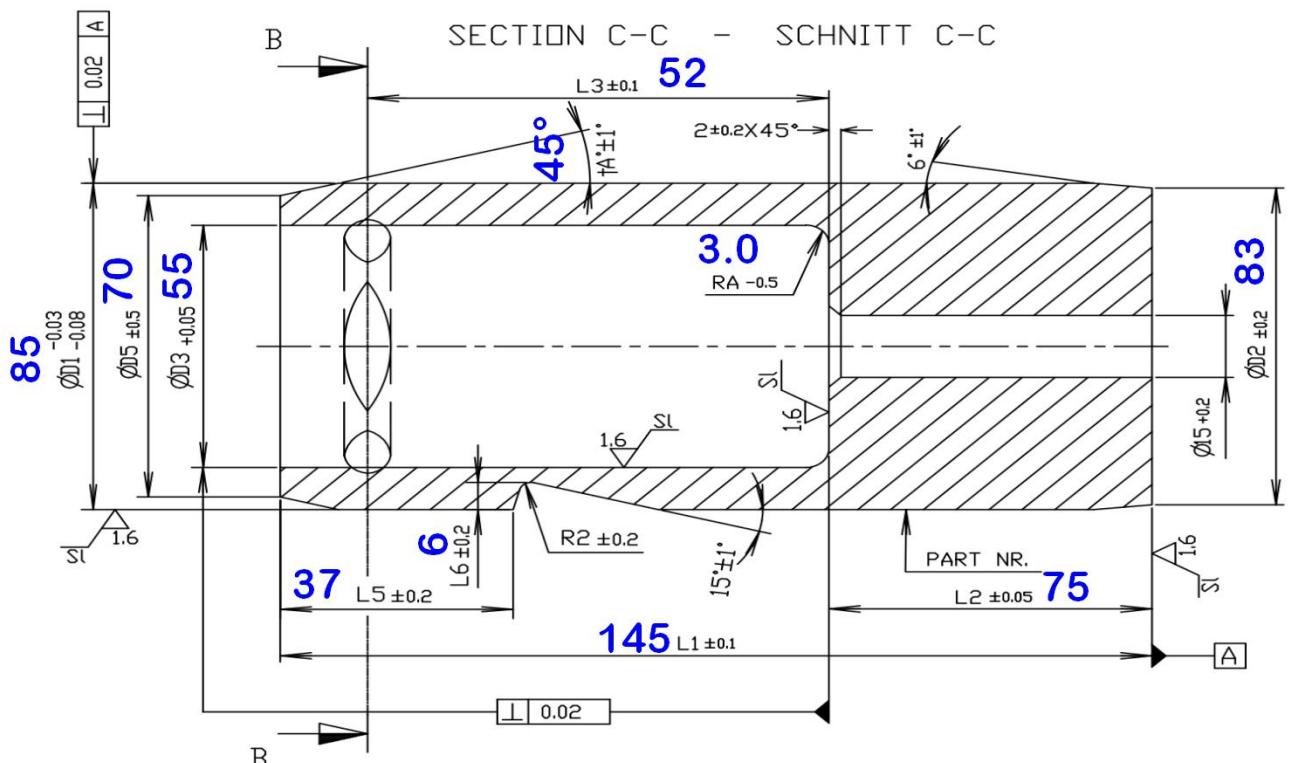
Protected according to ISO 16016

U.I.D. :	38692	Qty :	2	D. Date:	23/02/17	Status:	
----------	-------	-------	---	-------------	----------	---------	--

Observations:		Times made:
---------------	--	-------------

Casing	H T	Carbide	QC Sign:
--------	-----	---------	----------

This drawing is property of Nedschroef. No reproduction without written permission.



255216.01	85.0	83.0	55.0	8.0	70.0	145.0	75.0	52.0	27.5	37.0	6.0	3.0	45°
PART NR.	D1	D2	D3	D4	D5	L1	L2	L3	L4	L5	L6	RA	?A°
Machine:	Afm.:								Bew.:			Gez.:	
NH518	Mat.:	50NiCr13							6.3 ✓			Dat.:	09-10-07
1	Beh.:	HARDENED- GEHÄRTET- TREMPE										Get.:	B.V.
2	Benaming:	HOUDER HOLDER SUPPORT HALTER							Tek. nr.:			Form.:	
3									255216/4/1			Schaal:	
4													
5													
NEDSCHROEF HERENTALS NV BELGIUM													

REMARKS:-



U.I.D.	QTY	Delivery	Status	Obs	U.I.D.	QTY	Delivery	Status	Obs
Coating									
Description					Controlled Copy				
DIE 255216.01					Article				
					98.03/01011				

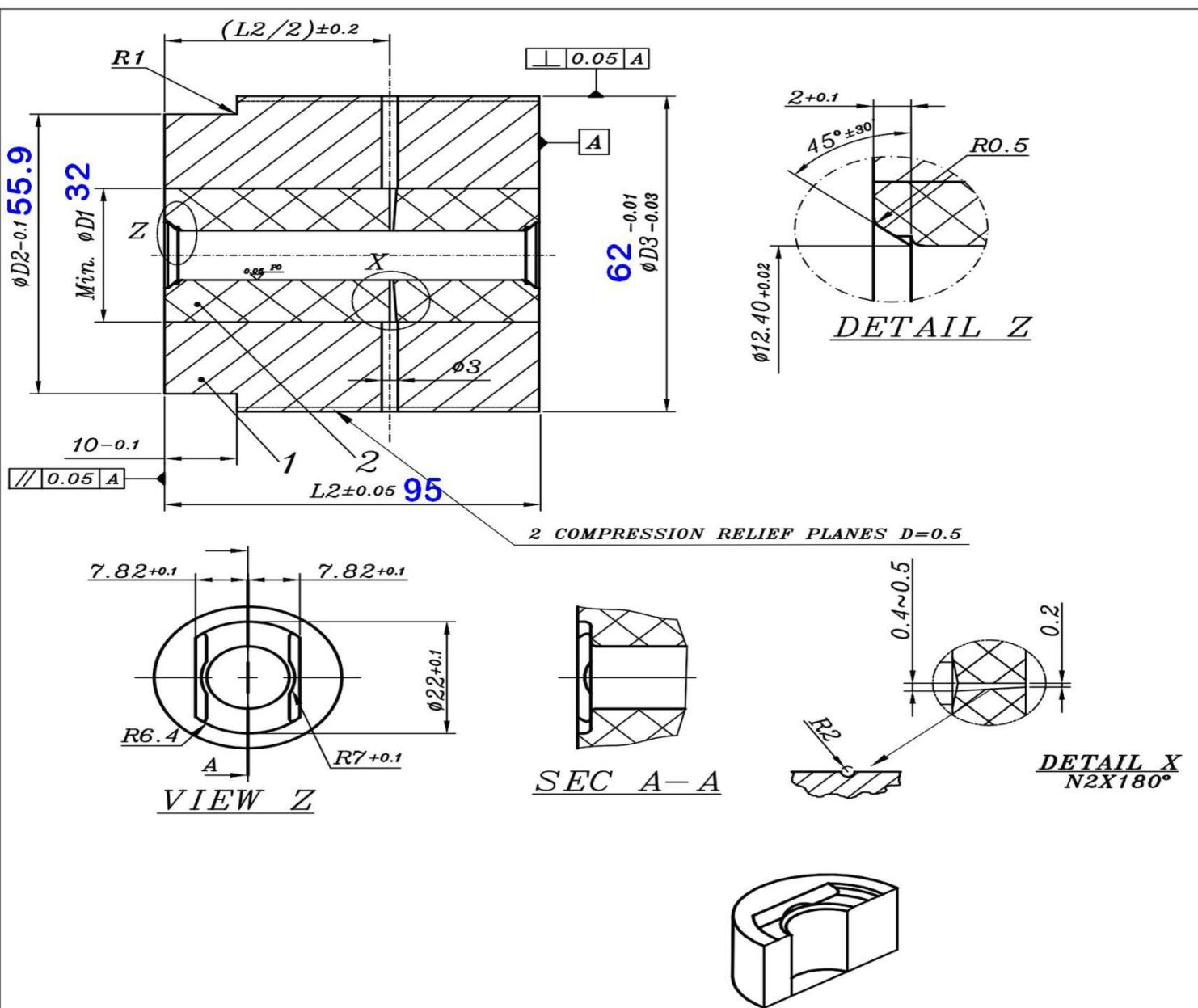
Protected according to ISO 16016

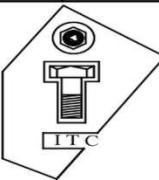
U.I.D. : 38688	Qty : 2	D. Date: 23/02/17	Status: # EDM
----------------	---------	-------------------	---------------

Observations:

Casing	H T	Carbide	QC Sign:
--------	-----	---------	----------

Times made:



.01	0.3	95	32	55.9	62	MARKING		
PART Nr	L1	L2	D1	D2	D3	DATE	EDITOR	DESCRIPTION
No.	MODIFICATION			BY	DATE	EDITOR	DESCRIPTION	
	Mat1. 1.2344 HARDNESS: 49-51 RC HEAT TREAT: Hardening and Tempering	Mat2. G50 Mat3. PROJECT NAME: PROJECT No: FILE NO.	<input type="text" value="91/7/02"/>			NAME	SIGN	
			<input type="text" value="HEADING DIE (WITH POINT)"/>			DESIGN.	NAJIBI	
			<input type="text" value="DRAWING NAME: HEADING DIE (WITH POINT)"/>			DRAW.	HAJIAN	
			<input type="text" value="DRAWING No: 9033045"/>			CHECK.	NAJIBI	
			<input type="text" value="APPRO. NAJIBI"/>			APPRO.	NAJIBI	
			<input type="text" value="SCALE: 1:6 SL"/>			SCALE:		
IRAN TOHID CO.		<input type="text" value="9033045"/>						

REMARKS:-



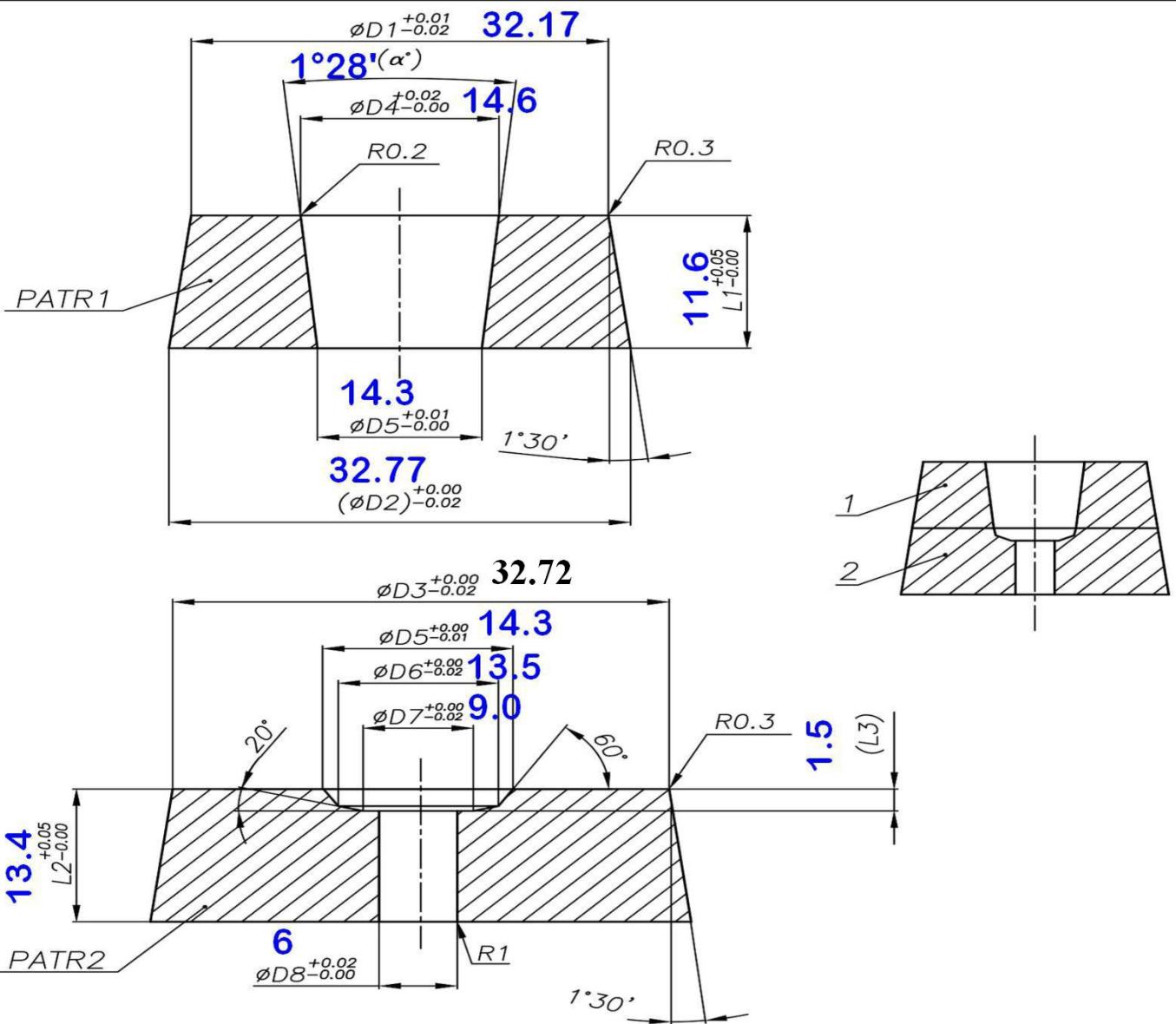
U.I.D.	QTY	Delivery	Status	Obs	U.I.D.	QTY	Delivery	Status	Obs
Coating									
Description					Controlled Copy				
DIE 9033045.01					Article 98.03/01009				

Protected according to ISO 16016

U.I.D. :	38685	Qty :	2	D. Date:	23/02/17	Status:	
----------	-------	-------	---	-------------	----------	---------	--

Observations:		Times made: 1
---------------	--	---------------

Casing	H T	Carbide	QC Sign:
--------	-----	---------	----------



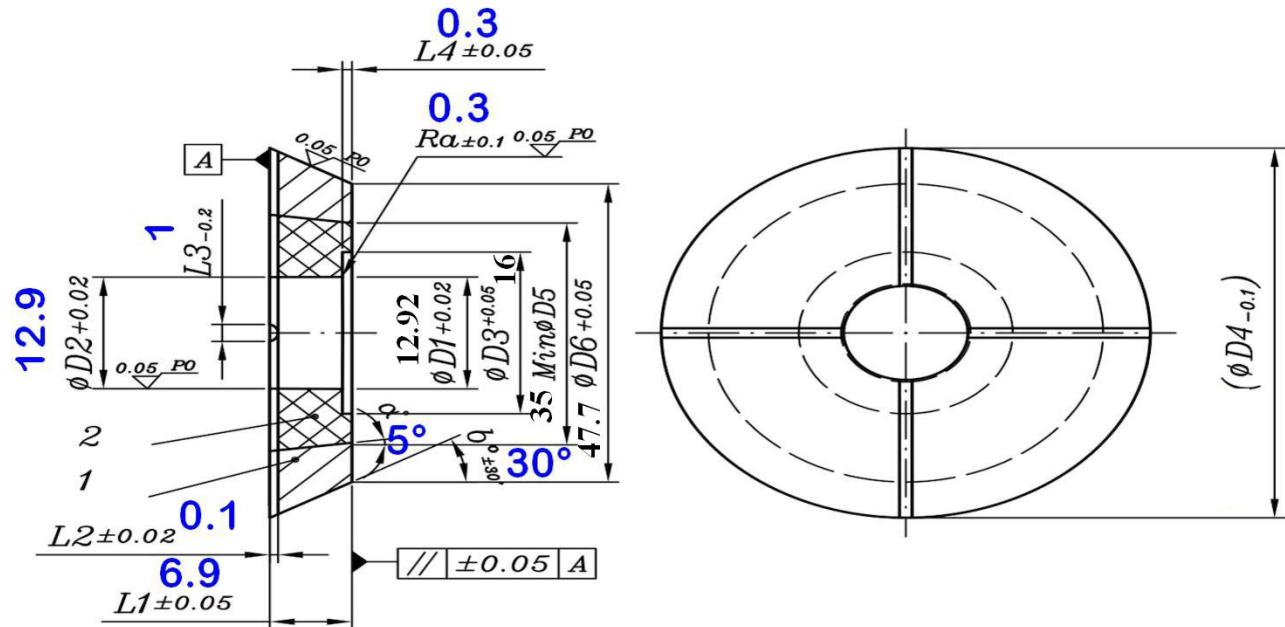
.06	E16	32.17	D2-0.05	14.60	14.30	13.5	9.0	6	11.6	13.4	1.5	1°28'
PART NR	TYPE	ØD1	ØD3	ØD4	ØD5	ØD6	ØD7	ØD8	L1	L2	L3	a
No.	MODIFICATION	BY	DATE	EDITOR	DESCRIPTION							
	Mat1. G50 HARDNESS: - HEAT TREAT: Hardening and Tempering		DATE: 90/02/21		NAME	SIGN						
	Mat2. G50		DRAWING NAME: PUNCH INSERT		DESIGN.	SH.NAJAFI						
	FILE NO. BV4/509029	1.6 SL	DRAWING No:		DRAW.	KARIMIAN						
			90326635	SCALE:	CHECK.	H.EBRAHIMI						
					APPRO.	SH.NAJAFI						
					SCALES:							

REMARKS:-



U.I.D.	QTY	Delivery	Status	Obs	U.I.D.	QTY	Delivery	Status	Obs
Coating			Description					Controlled Copy	
DIE 90326635.06							Article	98.03/00952	
Protected according to ISO 16016									

U.I.D. :	38679	Qty :	10	D. Date:	23/02/17	Status:	
Observations:						Times made:	1
Casing	H T		Carbide			QC Sign:	



.04	12.92	12.9	16	-	35	47.7	6.9	0.1	1	0.3	0.3	5	30	9250623280
PART Nr	D1	D2	D3	D4	D5	D6	L1	L2	L3	L4	Ra	α°	β°	
No.	MODIFICATION	BY			DATE						DESCRIPTION			
	Mat1. 1.2344 HARDNESS: 52-54 HRC HEAT TREAT: Hardening and Tempering				DATE: 82.10.3					NAME	SIGN			
	Mat2. TUGSTAN CARBID G50				DRAWING NAME:					DESIGN	SHAHRABI			
	PROJECT NAME:				WAFER DIE					DRAW.	KHODADAD			
	PROJECT No:				DRAWING No:					CHECK	SHAHRABI			
	FILE NO. BV4 /2034004									APPRO	SHAHRABI			
	IRAN TOHID CO.				1.6 SL					SCALE:				

REMARKS:-



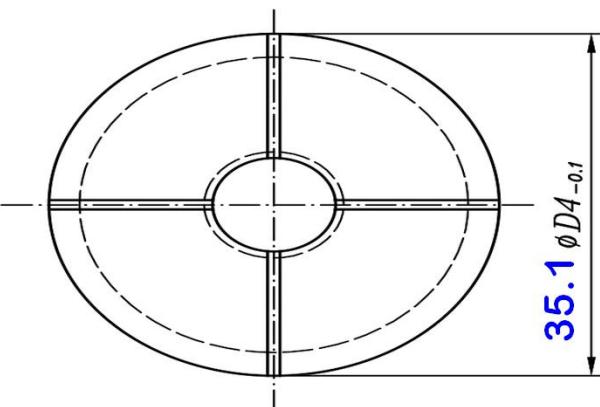
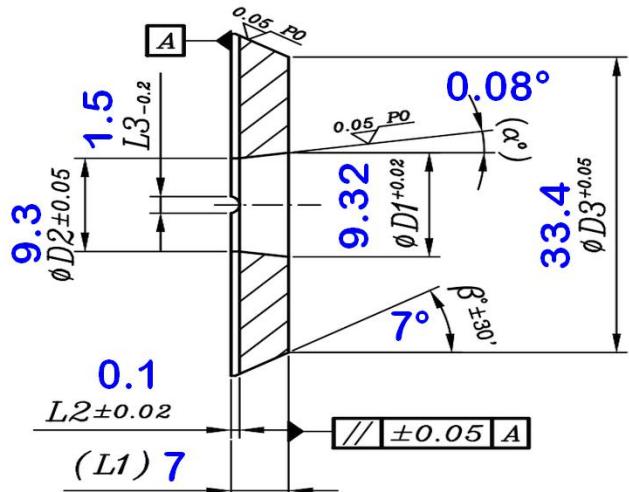
U.I.D.	QTY	Delivery	Status	Obs	U.I.D.	QTY	Delivery	Status	Obs
Coating									
Description			Controlled Copy				Article		
DIE 2034004.04							98.03/00898		

Protected according to ISO 16016

U.I.D. :	38675	Qty :	8	D. Date:	23/02/17	Status:	
----------	-------	-------	---	-------------	----------	---------	--

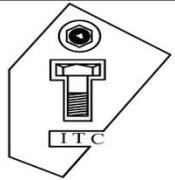
Observations:		Times made: 1
---------------	--	---------------

Casing	H T	Carbide	QC Sign:
--------	-----	---------	----------



.16	9.32	9.3	33.4	35.1	7	0.1	1.5	0.08°	7°	23	
-----	------	-----	------	------	---	-----	-----	-------	----	----	--

PART Nr	D1	D2	D3	D4	L1	L2	L3	α°	β°	D5	
---------	----	----	----	----	----	----	----	----	----	----	--

No.	MODIFICATION	BY	DATE	DESCRIPTION		
	Mat1. 1.2344 HARDNESS: 48-50 RC HEAT TREAT: Hardening and Tempering Mat2. 1.3343 62-64 RC PROJECT NAME: PROJECT No: FILE NO. BV2/2011802		DATE: 82.6.15	NAME	SIGN	
			DRAWING NAME: PRE-UPSET DIE PLATE	DESIGN: SHAHRABI		
			DRAWING No:	DRAW. KHODADADI		
				CHECK: SHAHRABI		
				APPRO: SHAHRABI		
				SCALE:		

IRAN TOHID CO.



2011802

REMARKS:-

	21034	4	06-Aug-15						
U.I.D.	QTY	Delivery	Status	Obs	U.I.D.	QTY	Delivery	Status	Obs
Coating			Description		Controlled Copy			Article	
Protected according to ISO 16016			DIE 2011802.16					98.03/00807	

U.I.D. : | 39634

Qty :

2

23/02/17

Status:

Times made: 1

Observations:

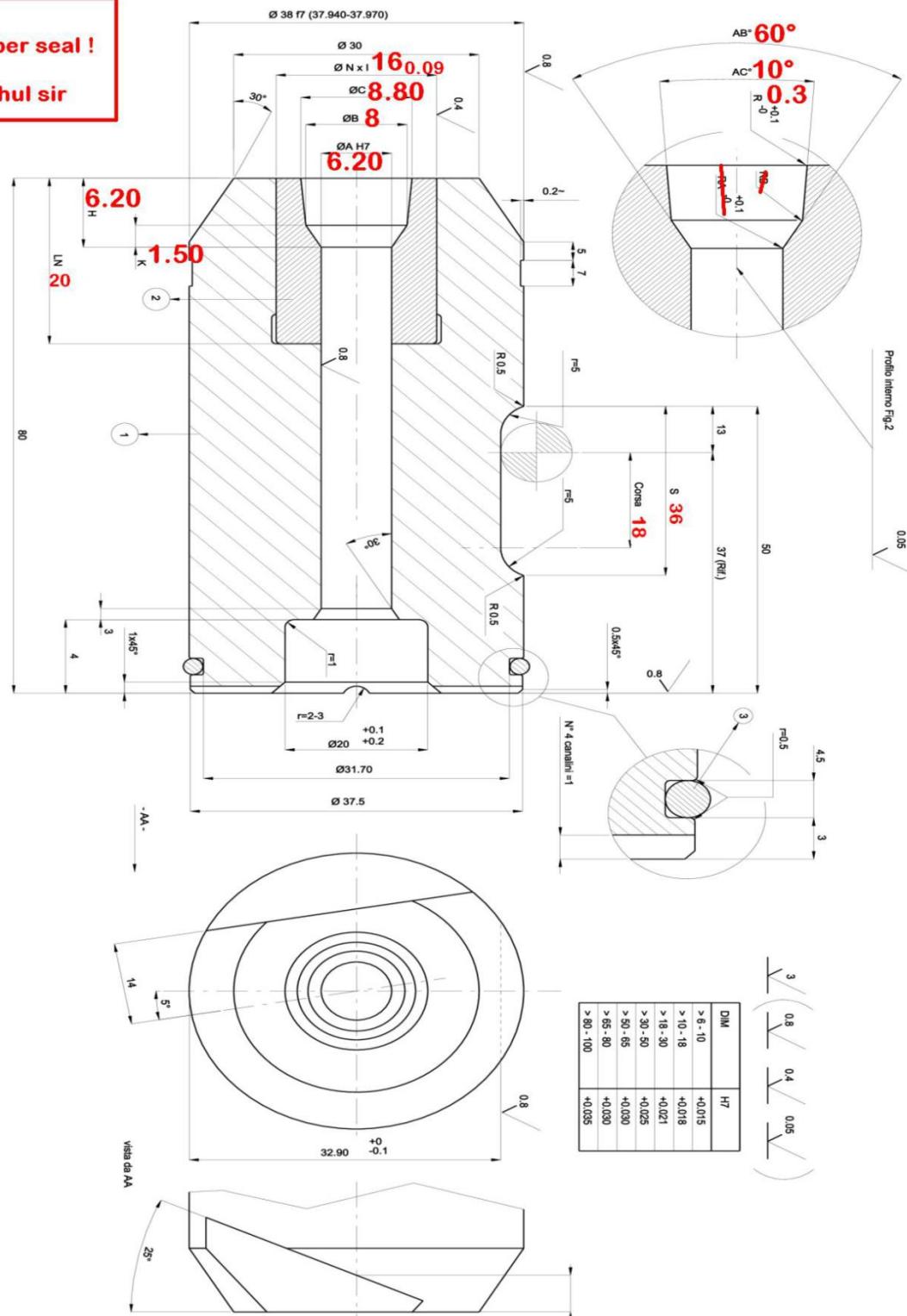
HT

Carbide

QC Sign:

**Note:
Supply with Rubber seal !**

	A	B	C	H	K	A ^c	A ^b	R	RA	RB	DN	I	LN	Corsa	S	Nota
Grand.	Ø A	Ø B	Ø C	H	K	A ^c	A ^b	R	RA	RB	DN	I	LN	Corsa	S	Nota
018	6.20	8	8.80	6.20	1.50	10°	60°	0.3	No	No	16	0.09	20	18	36	Normale



REMARKS:-

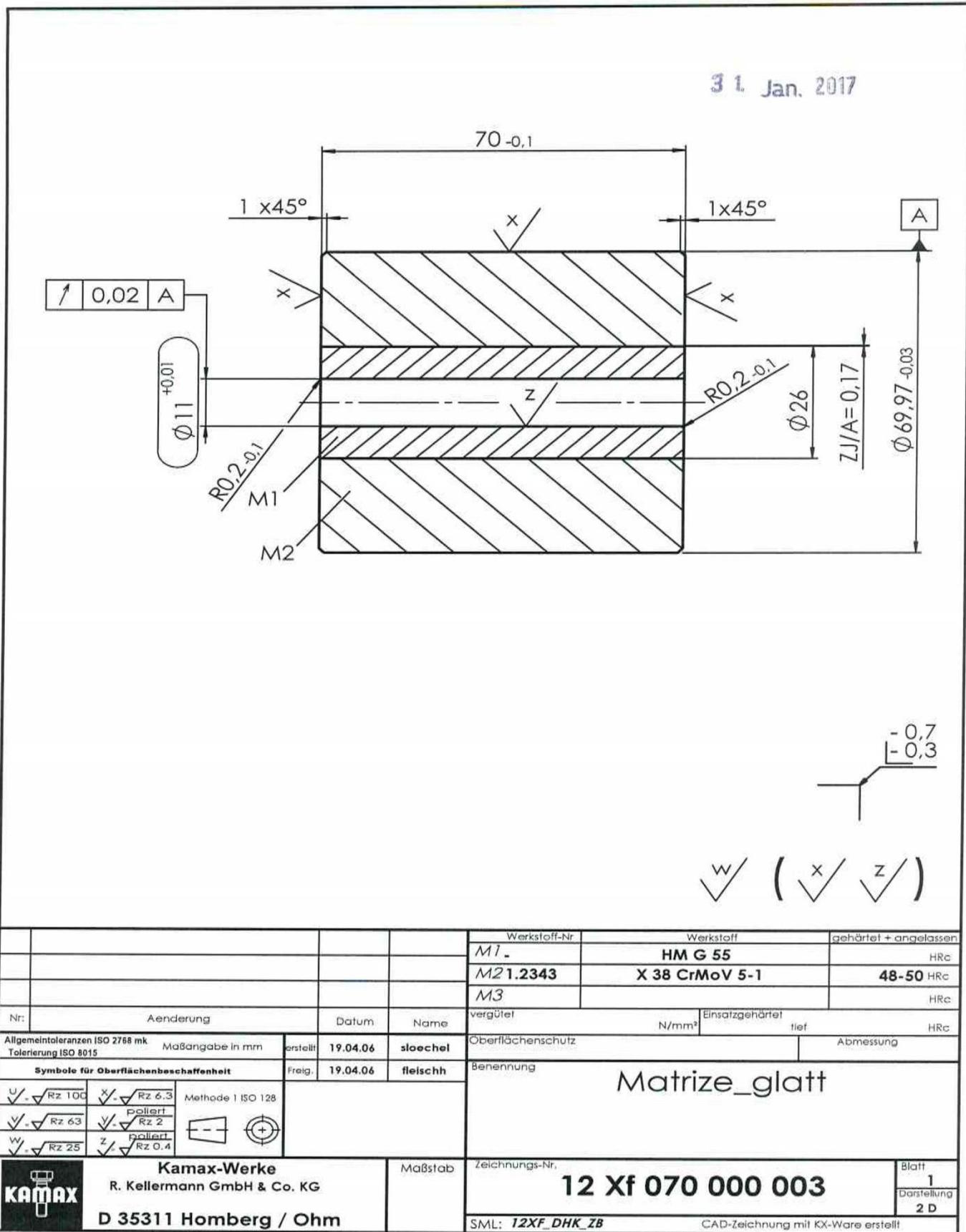


WORKS

30779	11	19-May-16	4p by DHL to						
U.I.D.	QTY	Delivery	Status	Obs	U.I.D.	QTY	Delivery	Status	Obs
Coating			Description				Controlled Copy	Article	
Protected according to ISO 16016			DIE AT017262010180 Ind.A				33.07/00965		

U.I.D. :	39808	Qty :	3	D. Date:	23/02/17	Status:	
Observations:						Times made:	
Casing	H T		Carbide			QC Sign:	

© by KAMAX® - All rights reserved. This drawing is the property of KAMAX® and may not be reproduced in any form, either in whole or in part, or made available to any third party or used for manufacturing or any other purpose, without the prior written permission of KAMAX®.



REMARKS:-



U.I.D.	QTY	Delivery	Status	Obs	U.I.D.	QTY	Delivery	Status	Obs
--------	-----	----------	--------	-----	--------	-----	----------	--------	-----

Coating

Description

Controlled Copy

Article

Protected according to ISO 16016

DIE 51.0198.624 12XF070000003

49.14/00242