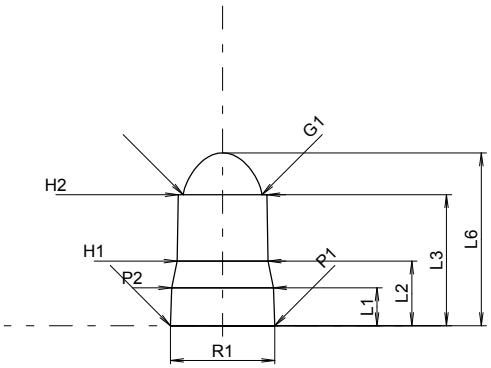
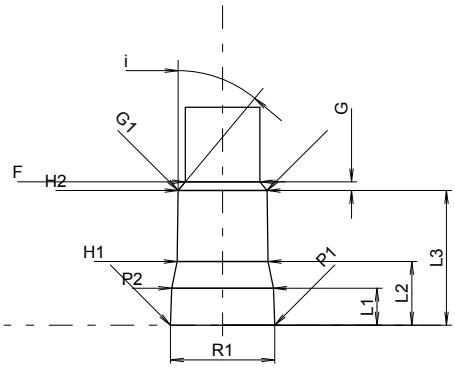
C.I.P.

4mm M 20

Ursprungsland: DE

TAB.	X
Datum	07-05-14
Revision	





Maßstab 2.41:1

PATRONE MAXI		
Längen		
L1	=	2.08
L2	=	3.55
L3	=	7.20
L4	=	
L5	=	
L6	=	9.50
Hülsenboden		
R	=	
R1	=	5.73
R3	=	
E	=	
E1	=	
e min	=	
δ	=	
f	=	
β	=	
Pulverkammer		
P1	=	5.73
P2	=	5.60
Schulterkonus		
α	=	
S	=	
r1 min	=	
r2	=	
Hülsenhals		
H1	=	5.00
H2	=	4.87
Geschoss		
G1	=	4.33
G2	=	
F	=	
L3+G	=	
Drücke (Energien)		
Energie		
Emax	=	7.5 Joule
EK	=	8.0 Joule
EE	=	8.3 Joule
Verschiedene Daten		
Fe	=	
delta L	=	

PATRONENLAGER MINI		
Längen		
L1	=	2.03
L2	=	3.50
L3	=	7.40
Stoßboden		
R	=	
R1	=	5.73
R2	=	
R3	=	
r	=	
Pulverkammer		
E	=	
P1	=	5.73
P2	=	5.60
Schulterkonus		
α	=	23°
S	=	
r1 max	=	
r2	=	
Hülsenhals		
H1	=	5.00
H2	=	4.90
Geschossübergang		
G1	=	4.90
G	=	0.48
α1	=	
h	=	
s	=	
i	=	40°
w	=	
Lauf		
F	=	4.10
Z	=	4.28
Züge		
b	=	
N	=	
u	=	
Q	=	mm²

Maße in << mm >>
Maße und Toleranzen für Messläufe siehe Anhang .

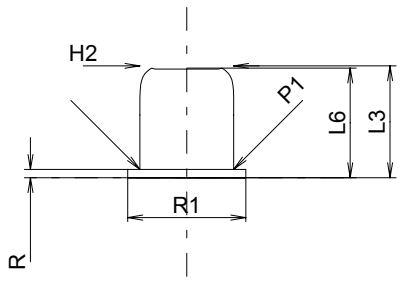
Bemerkungen:

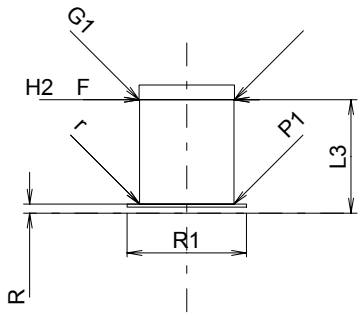
C.I.P.

6,2/7

Ursprungsland: FR

TAB.	X
Datum	01-04-24
Revision	02-05-15





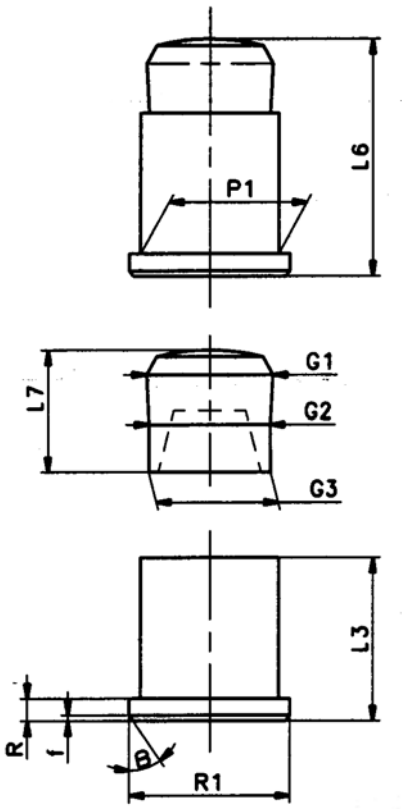
Maßstab 2:1

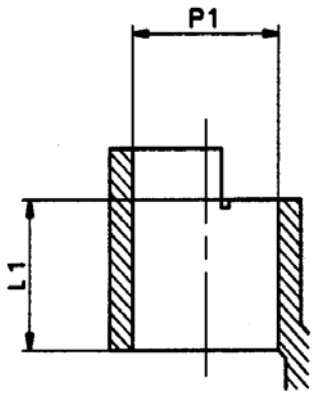
PATRONE MAXI				PATRONENLAGER MINI			
Längen				**Längen**			
L1	=			L1	=		
L2	=			L2	=		
L3 1)	=	7.40		L3 1)	=	7.50	+0.10
L4	=						
L5	=						
L6 1)	=	7.25					
Hülsenboden				**Stossboden**			
R	=	0.55		R 1)	=	0.60	
R1	=	7.80		R1	=	7.90	
R3	=			R2	=		
E	=			R3	=		
E1	=			r	=	0.30	
e min	=						
δ	=						
f	=						
β	=						
Pulverkammer				**Pulverkammer**			
				E	=		
P1	=	6.20		P1 1)	=	6.25	
P2	=			P2	=		
Schulterkonus				**Schulterkonus**			
α	=			α	=		
S	=			S	=		
r1 min	=			r1 max	=		
r2	=			r2	=		
Hülsenhals				**Hülsenhals**			
H1	=			H1	=		
H2 1)	=	6.20		H2 1)	=	6.25	
Geschoß				**Übergang**			
G1	=			G1 *	=	6.30	
G2	=			G	=		
F	=			α1	=		
L3+G	=			h	=		
				s	=		
Drücke (Energien)				i	=		
Energie				w	=		
Emax	=	60.0	Joule	**Lauf**			
EK	=	64.0	Joule	F *	=	6.30	
EE	=	66.0	Joule	Z	=		
				Züge			
				b	=		
				N	=		
				u	=		
				Q	=		mm²
Verschiedene Daten							
Fe	=						
delta L	=						

Maße in << mm >>
Maße und Toleranzen für Messläufe siehe Anhang CR 5.

Bemerkungen: 1) Kontrolle aus Sicherheitsgründen
* Grundmaße

C.I.P.	**8,8 x 10 S.A.P.L.** Ursprungsland: FR	**TAB.** X **Datum** 96-03-05 **Revision** 04-05-18





Maßstab 2:1

PATRONE MAXI

Längen
L1 =
L2 =
L3[1)] = 10.85
L4 =
L5 =
L6 = 15.80

Hülsenboden
R = 1.50
R1 = 11.18
R3 =
E =
E1 =
e min =
δ =
f = 0.38
β = 35°

Pulverkammer
P1 = 9.63
P2 =

Schulterkonus
α =
S =
r1 min =
r2 =

Hülsenhals
H1 =
H2 =

Geschoss
G1 = 8.80
G2 = 8.43
G3 = 8.49

Höhe des Geschosses
L7 = 8.10

Energie
Emax = 6.0 Joule
EK = 6.4 Joule
EE = 6.6 Joule

PATRONENLAGER MINI

Längen
L1[1)*] = 8.90
L2 =
L3 =

Stoßboden
R =
R1 =
R2 =
R3 =
r =

Pulverkammer
E =
P1[1)] = 9.63
P2 =

Schulterkonus
α =
S =
r1 max =
r2 =

Hülsenhals
H1 =
H2 =

Übergang
G1 =
G =
α1 =
h =
s =
i =
w =

Lauf
F =
Z =

Dimensionen in « mm »
Dimensionen und Toleranzen für Messläufe siehe Anhang: CR 2

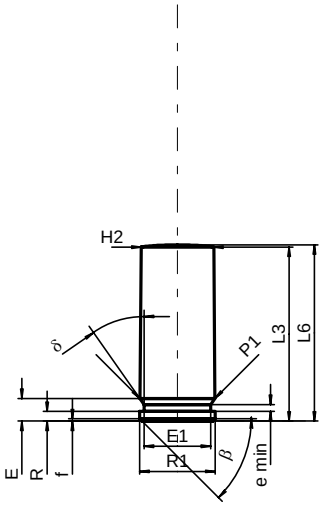
Bemerkungen: 1 Kontrolle aus Sicherheitsgründen
* Grundmaße

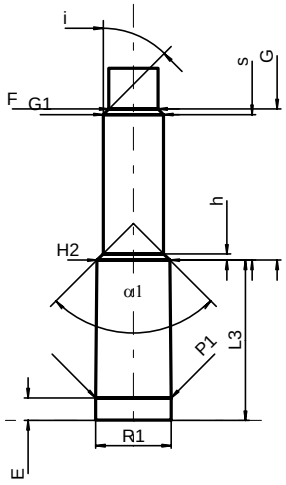
C.I.P.

10 x 23 T

Ursprungsland: RU

TAB.	X
Datum	05-05-25
Revision	





Maßstab 1:1

PATRONE MAXI			PATRONENLAGER MINI		
Längen			**Längen**		
L1	=		L1	=	
L2	=	22.70	L2	=	
L3 1)	=	23.00	L3 1)	=	21.20
L4	=				
L5	=				
L6 1)	=	23.30			
Hülsenboden			**Stoßboden**		
R	=	1.27	R	=	
R1	=	9.96	R1	=	10.00
R3	=		R2	=	
E	=	2.98	R3	=	
E1	=	8.79	r	=	
e min	=	0.90			
δ	=	35°			
f	=	0.30			
β	=	45°			
Pulverkammer			**Pulverkammer**		
			E	=	2.98
P1	=	9.93	P1 1)	=	9.98
P2	=		P2	=	
Schulterkonus			**Schulterkonus**		
α	=		α	=	
S	=		S	=	
r1 min	=		r1 max	=	
r2	=		r2	=	
Hülsenhals			**Hülsenhals**		
H1	=		H1	=	
H2 1)	=	9.62	H2 1)	=	9.65
Geschoss			**Geschossübergang**		
G1	=		G1	=	8.00
G2	=		G	=	20.00
F	=		α1	=	90°
L3+G 1)	=	43.00	h	=	0.82
			s	=	19.25
Drücke (Energien)			i	=	45°
			w	=	
			Lauf		
			F	=	6.50
			Z	=	
			Züge		
			b	=	
			N	=	
			u	=	
			Q	=	33.17 mm²
Verschiedene Daten					
Fe	=				
delta L	=				

Maße in << mm >>
Maße und Toleranzen für Messläufe siehe Anhang CR 1.

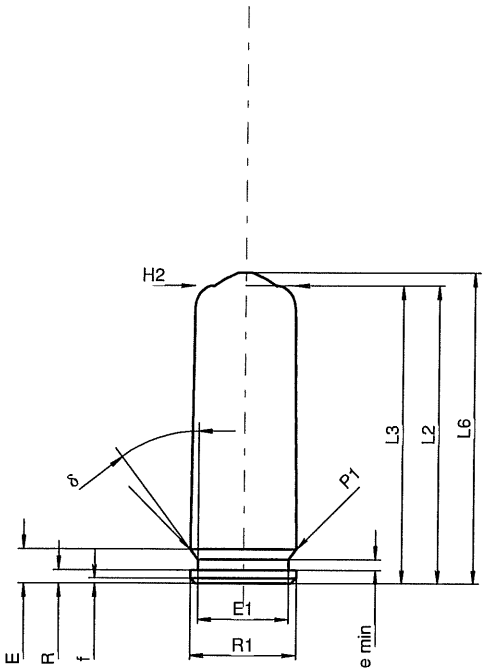
Bemerkungen: 1) Kontrolle aus Sicherheitsgründen

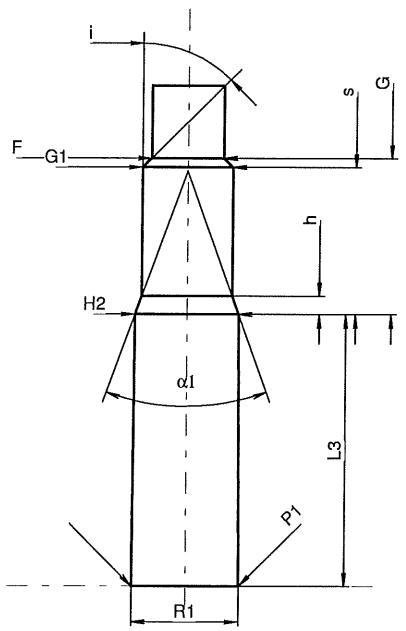
C.I.P.

10 x 28

Ursprungsland: RU

TAB.	X
Datum	12-05-30
Revision	





Maßstab 1.5:1

PATRONE MAXI

Längen

L1	=	
L2	=	27.80
L3 1)	=	27.80
L4	=	
L5	=	
L6 1)	=	29.00

Hülsenboden

R	=	1.25
R1	=	10.00
R3	=	
E	=	3.21
E1	=	8.55
e min	=	1.00
δ	=	37°
f	=	0.50
β	=	

Pulverkammer

P1	=	10.00
P2	=	

Schulterkonus

α	=	
S	=	
r1 min	=	
r2	=	

Hülsenhals

H1	=	
H2 1)	=	9.55

Geschoss

G1	=	
G2	=	
F	=	
L3+G	=	42.39

Drücke (Energien)
Mech. elektr. Wandler

Pmax	=	1800 bar
PK	=	2070 bar
PE	=	2340 bar
M	=	10.50

Verschiedene Daten

Fe	=	
delta L	=	

PATRONENLAGER MINI

Längen

L1	=	
L2	=	
L3 1)	=	25.41

Stoßboden

R	=	
R1	=	10.10
R2	=	
R3	=	
r	=	

Pulverkammer

E	=	
P1 1)	=	10.10
P2	=	

Schulterkonus

α	=	
S	=	
r1 max	=	
r2	=	

Hülsenhals

H1	=	
H2 1)	=	9.76

Geschossübergang

G1	=	8.50
G	=	14.59
α1	=	40°
h	=	1.73
s	=	13.74
i	=	45°
w	=	

Lauf

F	=	6.80
Z	=	

Züge

b	=	
N	=	
u	=	
Q	=	36.32 mm²

Maße in << mm >>
Maße und Toleranzen für Messläufe
siehe Anhang CR 1.

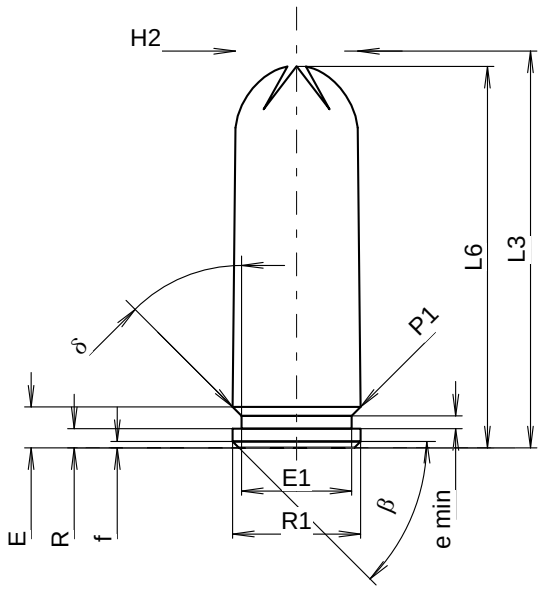
Bemerkungen: 1) Kontrolle aus Sicherheitsgründen

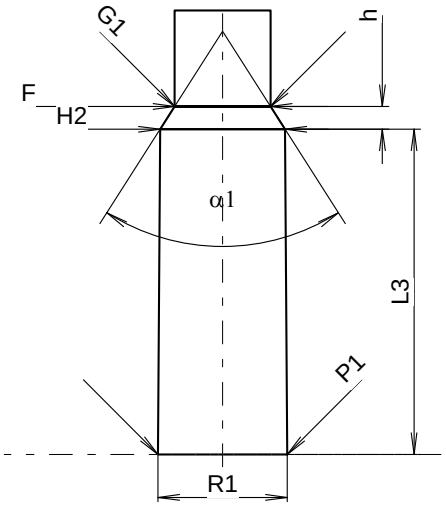
C.I.P.

10 x 31

Ursprungsland: RU

TAB.	X
Datum	16-10-18
Revision	





Maßstab 1.69:1

PATRONE MAXI

Längen

L1	=		
L2	=		
L3 1)	=	31.00	-0.25
L4	=		
L5	=		
L6 1)	=	29.80	

Hülsenboden

R	=	1.50
R1	=	10.00
R3	=	
E	=	3.20
E1	=	8.60
e min	=	1.00
δ	=	45°
f	=	0.50
β	=	45°

Pulverkammer

P1	=	10.00
P2	=	

Schulterkonus

α	=	
S	=	
r1 min	=	
r2	=	

Hülsenhals

H1	=	
H2 1)	=	9.55

Geschoss

G1	=	
G2	=	
F	=	
L3+G 1)	=	

Drücke (Energien)
Mech. elektr. Wandler

Pmax	=	1800 bar
PK	=	2070 bar
PE	=	2340 bar
M	=	10.50

Verschiedene Daten

Fe 1)	=
delta L	=

PATRONENLAGER MINI

Längen

L1	=	
L2	=	
L3 1)	=	25.41

Stoßboden

R	=	
R1	=	10.10
R2	=	
R3	=	
r	=	

Pulverkammer

E	=	
P1 1)	=	10.10
P2	=	

Schulterkonus

α	=	
S	=	
r1 max	=	
r2	=	

Hülsenhals

H1	=	
H2 1)	=	9.76

Geschossübergang

G1 2)*	=	7.50
G	=	
α1	=	65°
h *	=	1.77
s	=	
i	=	
w	=	

Lauf

F 2)*	=	7.50
Z	=	

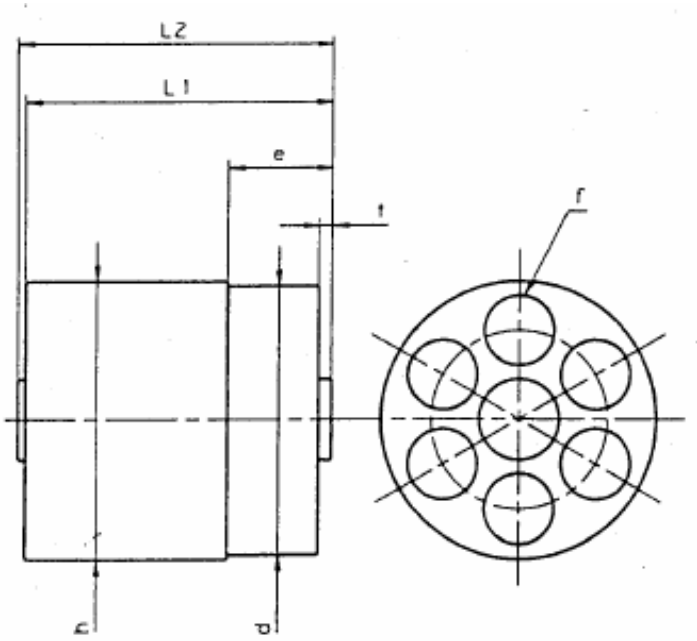
Züge

b	=		
N	=		
u	=		
Q	=	44.18	mm²

Maße in << mm >>
Maße und Toleranzen für Messläufe siehe Anhang CR5.

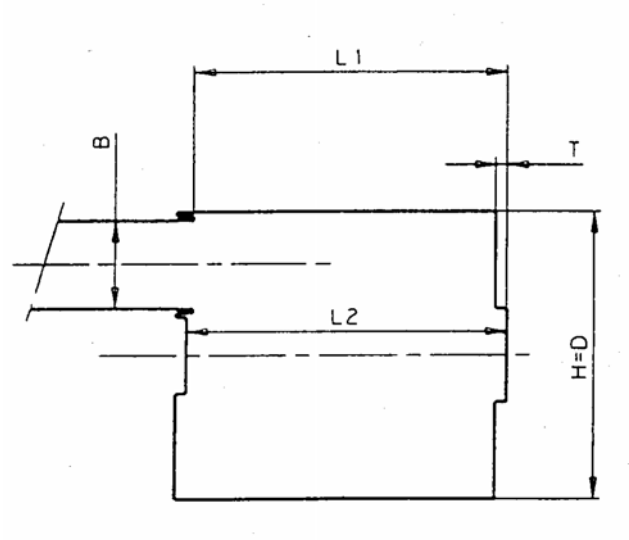
Bemerkungen:
1) Kontrolle aus Sicherheitsgründen
2) Toleranz für Messlauf
* Grundmaße

C.I.P.	11,6 SAFEGOM Ursprungsland: FR	TAB. X Datum 96-03-19 Revision 99-04-20



PATRONE MAXIMUM

Dimens.		Wert	Toler.
t	=	1.80	- 0.10
e	=	14.20	- 0.20
d	=	36.50	- 0.10
h	=	37.80	- 0.05
l1	=	41.55	- 0.20
l2	=	42.55	- 0.10
f	=	9.55	- 0.05
Zellenzahl		6	



Maßstab 1:1

PATRONENLAGER MINIMUM

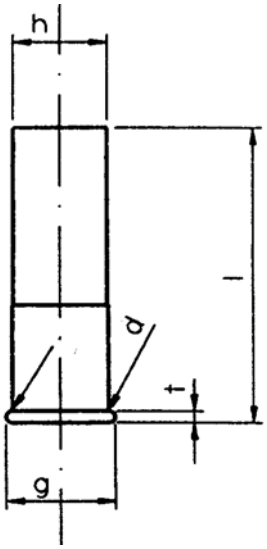
Dimens.		Wert	Toler.
T	=	1.50	+ 0.05
D	=	38.20	+ 0.10
L1	=	41.70	+ 0.10
L2	=	42.60	+ 0.05
B	=	11.60	+ 0.03

Energie		
Emax	EK	EE
Joule		
35	40	45

Dimensionen in « mm »
Dimensionen und Toleranzen für Messläufe:

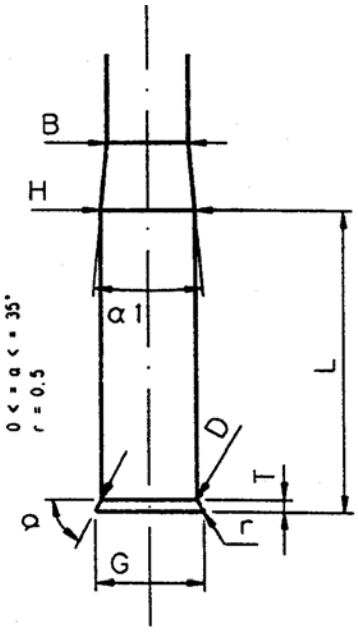
Bemerkungen:

C.I.P.	12 mm x 39 Ursprungsland: FR	TAB. X Datum 98-01-27 Revision 98-06-09



PATRONE MAXIMUM

Dimens.	Wert	Toler.
d [1)]	= 12.00	- 0.11
g	= 13.60	- 0.40
t [1)]	= 1.55	- 0.35
h	= 11.75	- 0.38
l	= 39.00	- 2.50



Maßstab 1:1

PATRONENLAGER MINIMUM

Dimens.	Wert	Toler.
D [1)]	= 12.05	+ 0.10
G [1)]	= 13.70	+ 0.10
T [1)]	= 1.55	+ 0.10
H [1)]	= 11.80	+ 0.10
B [1)]	= 10.20	+ 0.50
α1 [1)]	= 10°30'	max
L [1)]	= 39.00	+ 2.00

Energie		
Emax	EK	EE
Joule		
100	107	110

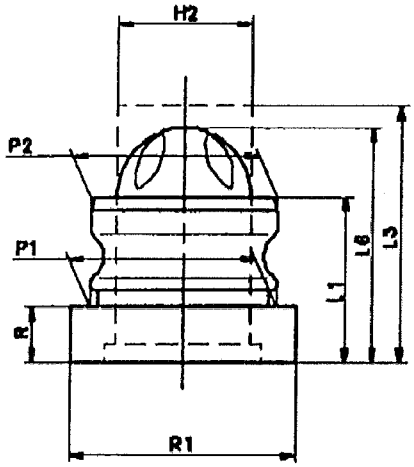
Verschlussabstand

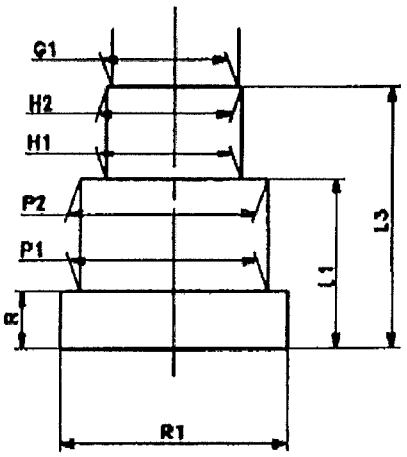
Fe	= 0.10	Messlauf
Fe [1)]	= 0.20	Mit Basküle
Fe [1)]	= 0.35	Automat

Dimensionen in « mm »
Dimensionen und Toleranzen für Messläufe:
Siehe Anhang CR 4.

Bemerkung: 1) Kontrolle aus Sicherheitsgründen

C.I.P.	**14 mm Piexon** Ursprungsland: DE	**TAB.** X **Datum** 02-05-02 **Revision** 04-09-27





Maßstab 2:1

PATRONE MAXI			PATRONENLAGER MINI		
Längen			**Längen**		
L1*	=	11.70	L1*	=	11.80
L2	=		L2	=	
L3 1)	=	18.30	L3 1)	=	18.50
L4	=				
L5	=				
L6	=	16.50			
Hülsenboden			**Stoßboden**		
R	=	4.05	R	=	4.05
R1	=	16.25	R1	=	16.35
R3	=		R2	=	
E	=		R3	=	
E1	=		r	=	
e min	=				
δ	=				
f	=				
β	=				
Pulverkammer			**Pulverkammer**		
			E	=	
P1	=	13.41	P1 1)	=	13.43
P2*	=	13.41	P2*	=	13.43
Schulterkonus			**Schulterkonus**		
α	=		α	=	
S	=		S	=	
r1 min	=		r1 max	=	
r2	=		r2	=	
Hülsenhals			**Hülsenhals**		
H1*	=		H1*	=	9.60
H2 1)	=	9.58	H2 1)	=	9.60
Geschoss			**Übergang**		
G1	=		G1 1)*	=	9.00
G2	=		G	=	
G3	=		α1	=	
			h	=	
			s	=	
			i	=	
			w	=	
Energie			**Lauf**		
Emax	=	190 Joule	F 1)*	=	9.00
EK	=	203 Joule	Z	=	
EE	=	209 Joule			

Maße in « mm »
Dimensionen und Toleranzen für Messläufe
siehe Anhang CR 1

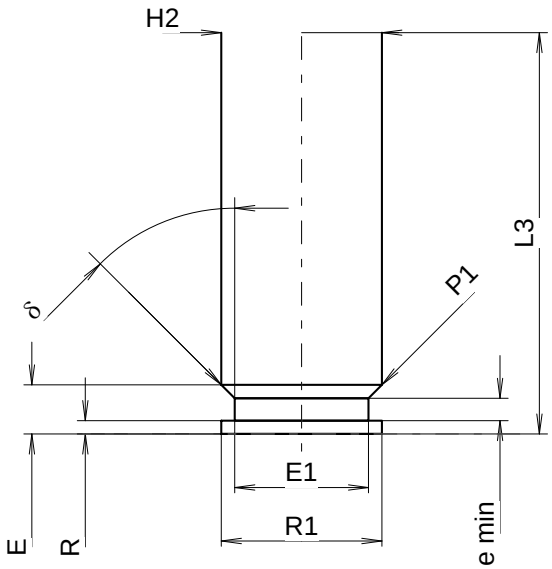
Bemerkungen: 1 Kontrolle aus Sicherheitsgründen
* Grundmaße

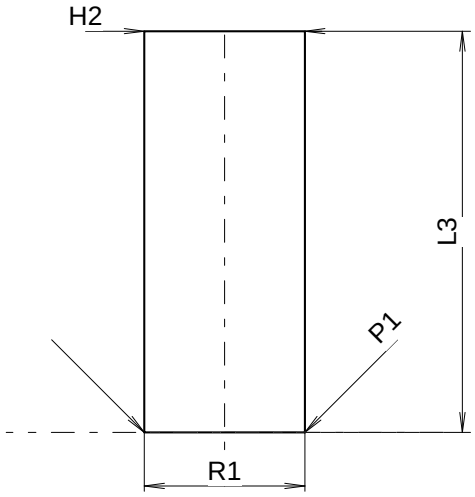
C.I.P.

18 x 45

Ursprungsland: RU

TAB.	X
Datum	09-05-05
Revision	





Maßstab 1.18:1

PATRONE MAXI

Längen

L1	=	
L2	=	
L3 1)	=	45.00
L4	=	
L5	=	
L6	=	

Hülsenboden

R	=	1.50
R1	=	18.00
R3	=	
E	=	5.50
E1	=	15.00
e min	=	2.50
δ	=	45°
f	=	
β	=	

Pulverkammer

P1 1)	=	18.00
P2	=	

Schulterkonus

α	=	
S	=	
r1 min	=	
r2	=	

Hülsenhals

H1	=	
H2 1)	=	18.00

Geschoss

G1	=	
G2	=	
F	=	
L3+G	=	

Drücke (Energien)

Energie

Emax	=	79.0 Joule
EK	=	85.0 Joule
EE	=	87.0 Joule

Verschiedene Daten

Fe	=	
delta L	=	

PATRONENLAGER MINI

Längen

L1	=		
L2	=		
L3 2)	=	45.00	+0.39

Stoßboden

R	=	
R1	=	18.00
R2	=	
R3	=	
r	=	

Pulverkammer

E	=	
P1	=	18.00
P2	=	

Schulterkonus

α	=	
S	=	
r1 max	=	
r2	=	

Hülsenhals

H1	=		
H2 2)	=	18.00	+0.18

Geschossübergang

G1	=	
G	=	
α1	=	
h	=	
s	=	
i	=	
w	=	

Lauf

F	=	
Z	=	

Züge

b	=	
N	=	
u	=	
Q	=	mm²

Maße in << mm >>
Maße und Toleranzen für Messläufe siehe Anhang .

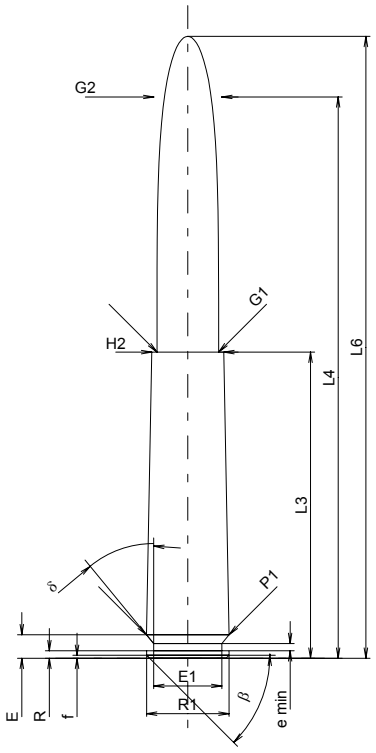
Bemerkungen: 1) Kontrolle aus Sicherheitsgründen
2) Toleranz für Messlauf

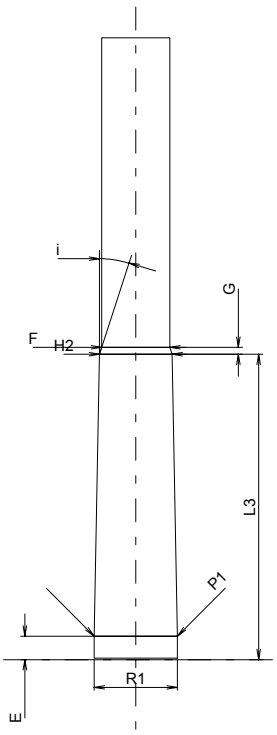
C.I.P.

18 x 81

Ursprungsland: CZ

TAB.	X
Datum	99-02-22
Revision	00-06-07





Maßstab 1:2

PATRONE MAXI

Längen

L1	=	
L2	=	
L3 1)	=	81.00
L4	=	148.50
L5	=	
L6	=	164.50

Hülsenboden

R	=	2.00
R1	=	21.80
R3	=	
E	=	6.24
E1	=	18.00
e min	=	1.90
δ	=	39°30'55"
f	=	0.80
β	=	45°

Pulverkammer

P1	=	21.85
P2	=	

Schulterkonus

α	=	
S	=	
r1 min	=	
r2	=	

Hülsenhals

H1	=	
H2 1)	=	19.10

Geschoß

G1 1)	=	16.30
G2	=	17.95
F	=	
L3+G 1)	=	82.85

Drücke (Energien)
Mechan. elektr. Wandler

Pmax	=	3550 bar
PK	=	4083 bar
PE	=	4615 bar
M	=	82.25

Verschiedene Daten

Fe	=	
delta L	=	

PATRONENLAGER MINI

Längen

L1	=	
L2	=	
L3 1)	=	80.80

Stossboden

R	=	
R1	=	21.95
R2	=	
R3	=	
r	=	

Pulverkammer

E	=	6.24
P1 1)	=	21.95
P2	=	

Schulterkonus

α	=	
S	=	
r1 max	=	
r2	=	

Hülsenhals

H1	=	
H2 1)	=	19.20

Übergang

G1	=	
G 1)*	=	1.85
α1	=	
h	=	
s	=	
i 1)	=	17°58'09"
w	=	

Lauf

F 1)*	=	18.00
Z	=	

Züge

b	=	
N	=	
u	=	
Q	=	254.47 mm²

Maße in << mm >>
Maße und Toleranzen für Messläufe siehe Anhang CR 1.

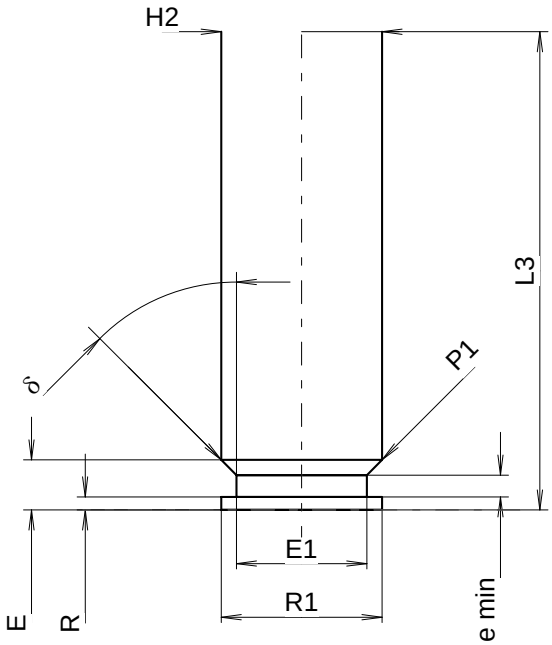
Bemerkungen: 1) Kontrolle aus Sicherheitsgründen
* Grundmaße

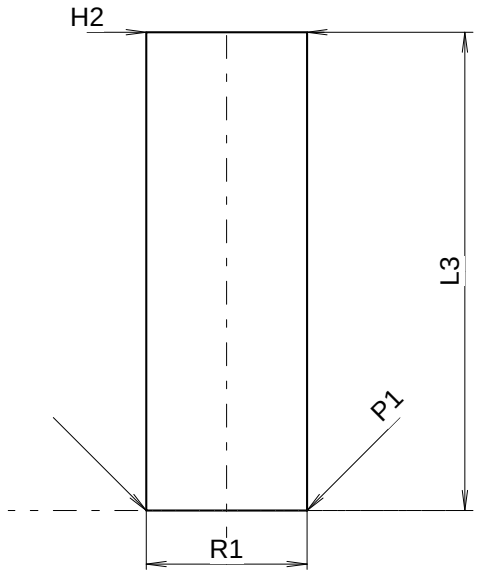
C.I.P.

18,5 x 55

Ursprungsland: RU

TAB.	X
Datum	09-05-05
Revision	





Maßstab 1.15:1

PATRONE MAXI

Längen

L1	=	
L2	=	
L3 1)	=	55.00
L4	=	
L5	=	
L6	=	

Hülsenboden

R	=	1.50
R1	=	18.50
R3	=	
E	=	5.75
E1	=	15.00
e min	=	2.50
δ	=	45°
f	=	
β	=	

Pulverkammer

P1 1)	=	18.50
P2	=	

Schulterkonus

α	=	
S	=	
r1 min	=	
r2	=	

Hülsenhals

H1	=	
H2 1)	=	18.50

Geschoss

G1	=	
G2	=	
F	=	
L3+G	=	

Drücke (Energien)

Energie

Emax	=	93.0 Joule
EK	=	100.0 Joule
EE	=	102.0 Joule

Verschiedene Daten

Fe	=	
delta L	=	

PATRONENLAGER MINI

Längen

L1	=		
L2	=		
L3 2)	=	55.00	+0.46

Stoßboden

R	=	
R1	=	18.50
R2	=	
R3	=	
r	=	

Pulverkammer

E	=	
P1	=	18.50
P2	=	

Schulterkonus

α	=	
S	=	
r1 max	=	
r2	=	

Hülsenhals

H1	=		
H2 2)	=	18.50	+0.21

Geschossübergang

G1	=	
G	=	
α1	=	
h	=	
s	=	
i	=	
w	=	

Lauf

F	=	
Z	=	

Züge

b	=	
N	=	
u	=	
Q	=	mm²

Maße in << mm >>
Maße und Toleranzen für Messläufe siehe Anhang .

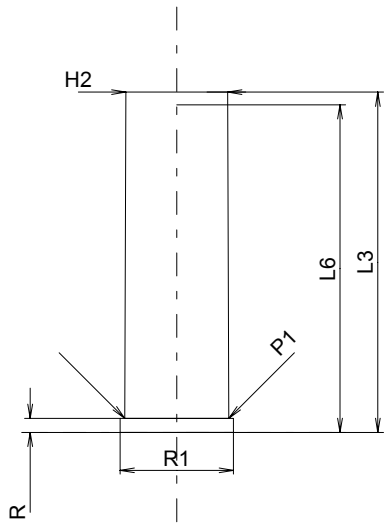
Bemerkungen: 1) Kontrolle aus Sicherheitsgründen
2) Toleranz für Messlauf

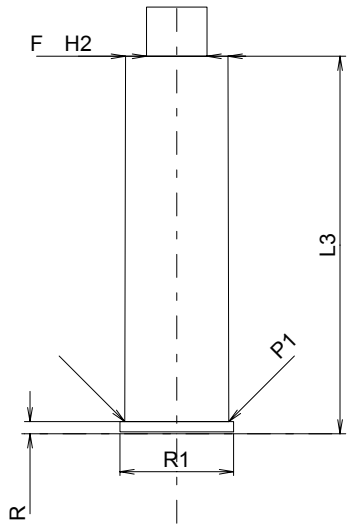
C.I.P.

20 mm x 67,5 (6,3/14)

Ursprungsland: DE

TAB.	**X**
Datum	**00-03-13**
Revision	**02-05-15**





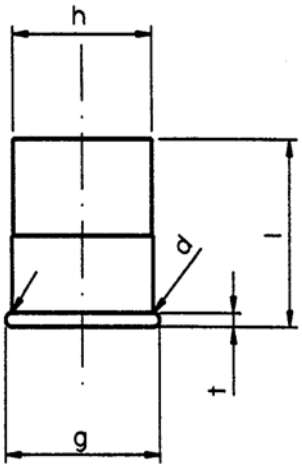
Maßstab 1:1.5

PATRONE MAXI				PATRONENLAGER MINI			
Längen				**Längen**			
L1	=			L1	=		
L2	=			L2	=		
L3 1)	=	67.50	-2.50	L3 1)	=	74.90	
L4	=						
L5	=						
L6 1)	=	65.00	-2.50				
Hülsenboden				**Stossboden**			
R 1)	=	2.80	-0.20	R 1)	=	2.40	+0.10
R1 1)	=	22.45	-0.20	R1 1)	=	22.55	+0.10
R3	=			R2	=		
E	=			R3	=		
E1	=			r	=		
e min	=						
δ	=						
f	=						
β	=						
Pulverkammer				**Pulverkammer**			
				E	=		
P1 1)	=	20.60	-0.10	P1 1)	=	20.65	+0.10
P2	=			P2	=		
Schulterkonus				**Schulterkonus**			
α	=			α	=		
S	=			S	=		
r1 min	=			r1 max	=		
r2	=			r2	=		
Hülsenhals				**Hülsenhals**			
H1	=			H1	=		
H2 1)	=	20.20	-0.25	H2 1)	=	20.35	+0.10
Geschoß				**Übergang**			
G1	=			G1	=		
G2	=			G	=		
F	=			α1	=	180°	
L3+G	=			h	=		
				s	=		
Drücke (Energien)				i	=		
Mechan. elektr. Wandler				w	=		
Pmax	=	4300	bar	**Lauf**			
PK	=	4945	bar	F 1)*	=	12.00	+0.10
PE	=	5590	bar	Z	=		
M	=	25.00		**Züge**			
				b	=		
				N	=		
				u	=		
				Q	=		mm²
Verschiedene Daten							
Fe	=						
delta L	=						

Maße in << mm >>
Maße und Toleranzen für Messläufe siehe Anhang CR 1.

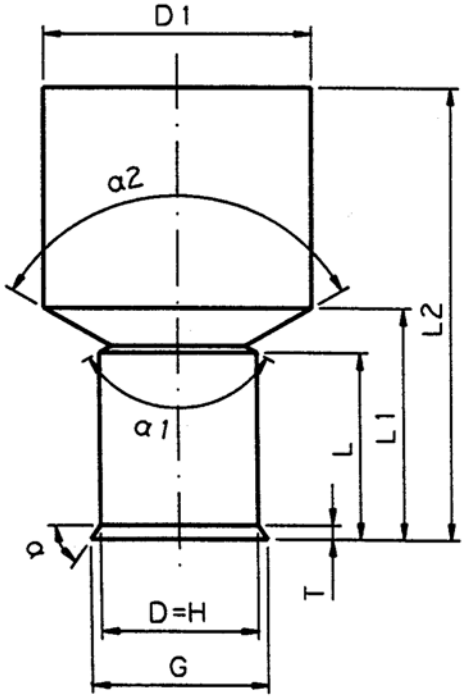
Bemerkungen: 1) Kontrolle aus Sicherheitsgründen
* Grundmaße

C.I.P.	**MR 35 Punch Kal. 12-28,5** Ursprungsland: CZ	**TAB.**	**X**
		Datum	**96-03-19**
		Revision	**98-06-09**



PATRONE MAXIMUM

Dimens.		Wert	Toler.
d [1)]	=	20.60	- 0.15
g	=	22.45	- 0.25
t [1)]	=	1.88	- 0.25
h	=	20.20	- 0.25
l	=	25.00	- 2.50



Maßstab 1:1

PATRONENLAGER MINIMUM

Dimens.		Wert	Toler.
D [1)] = H	=	20.20	H9
G [1)]	=	23.07	
T [1)]	=	1.85	+ 0.10
D1 [1)]	=	35.00	H11
B [1)]	=	44.20	+ 0.70
α [1)]	=	55°	
α1 [1)] = α2	=	120°	
L [1)]	=	25.00	± 0.10
L1 [1)]	=	31.00	± 0.10
L2 [1)]	=	60.20	- 0.10

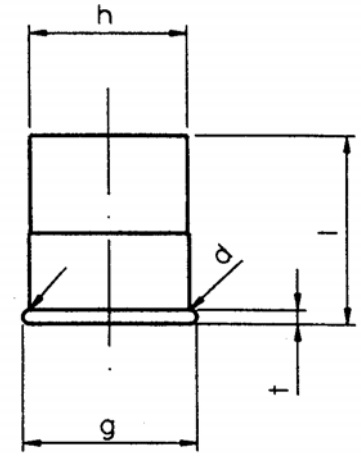
Energie

Emax	EK	EE
	Joule	
150	160	165

Dimensionen in « mm »
Dimensionen und Toleranzen für Messläufe:

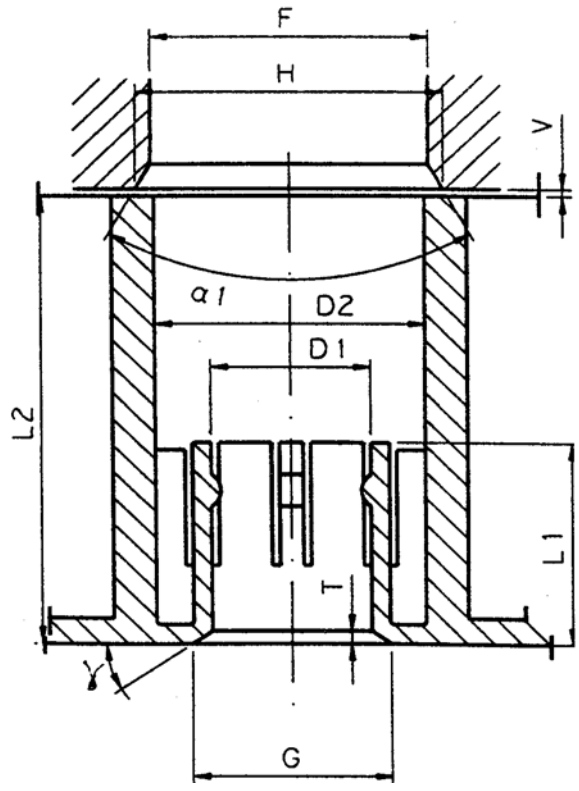
Bemerkung : 1) Kontrolle aus Sicherheitsgründen

C.I.P.	**MR 35 Punch Kal. 12-35** Ursprungsland : FR	**TAB.**	**X**
		Datum	**96-02-21**
		Revision	**98-06-09**



PATRONE MAXIMUM

Dimens.		Wert	Toler.
d [1]	=	20.60	- 0.28
g	=	22.45	- 0.48
t [1]	=	1.85	- 0.35
h	=	20.20	- 0.47
l	=	25.00	- 2.50



Maßstab 1:1

PATRONENLAGER MINIMUM

Dimens.		Wert	Toler.
D1 [1]	=	20.60	
L1 [1]	=	27.00	
G mini [1]	=	25.80	
T mini [1]	=	1.70	
B [1]	=	33°10'42"	
D2 mini [1]	=	35.00	
L2 [1]	=	60.05	- 0.30
V [1]	=	0.95	- 0.70
H [1]	=		
F mini [1]	=	36.00	
α1 [1]	=	60°	

Energie

Emax	EK	EE
	Joule	
115	125	130

Dimensionen in « mm »
Dimensionen und Toleranzen für Messläufe:

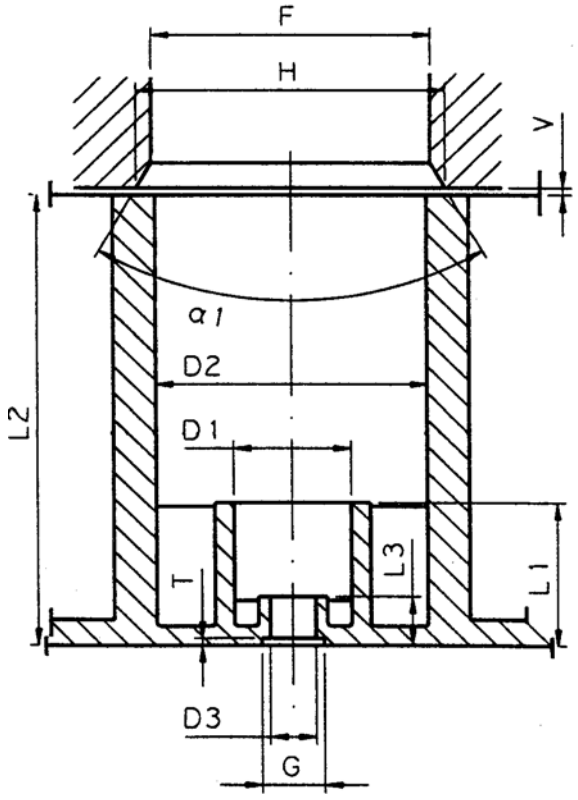
Bemerkung: 1) Kontrolle aus Sicherheitsgründen

C.I.P.	MR 35 Punch Kal. 15-35 Ursprungsland : FR	TAB.	X
		Datum	96-02-21
		Revision	98-06-09

PATRONE MAXIMUM

Munition auswerfbar:

wird beim Hersteller wiedergeladen und verwendet daher keine Hülse.



Maßstab 1 :1

PATRONENLAGER MINIMUM

Dimens.	Wert	Toler.
D1 [1)]	= 15.00	
L1 [1)]	= 19.00	
G [1)]	= 8.00	
T	= 0.95	+0.10
D3	= 5.85	+0.10
L3	= 6.50	
D2 mini [1)]	= 35.00	
L2 [1)]	= 60.05	- 0.30
V [1)]	= 0.95	- 0.70
H [1)]	=	
F mini [1)]	= 36.00	
α1 [1)]	= 60°	

Energie

Emax	EK	EE
	Joule	
115	125	130

Dimensionen in « mm »
Dimensionen und Toleranzen für Messläufe:

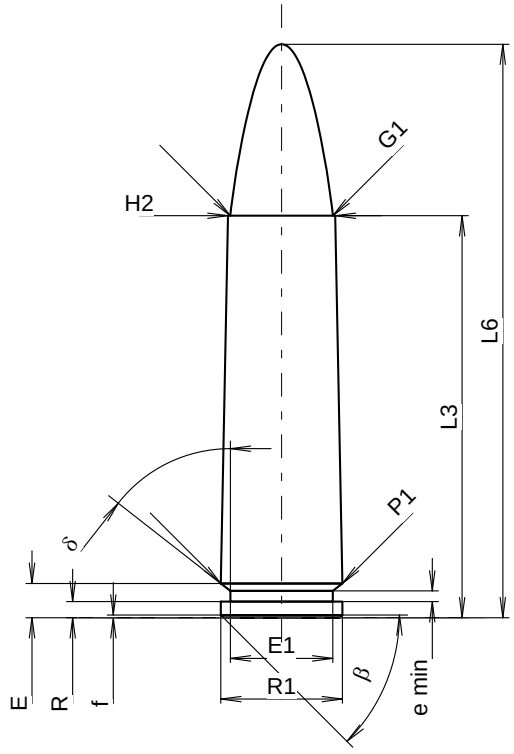
Bemerkung: 1) Kontrolle aus Sicherheitsgründen

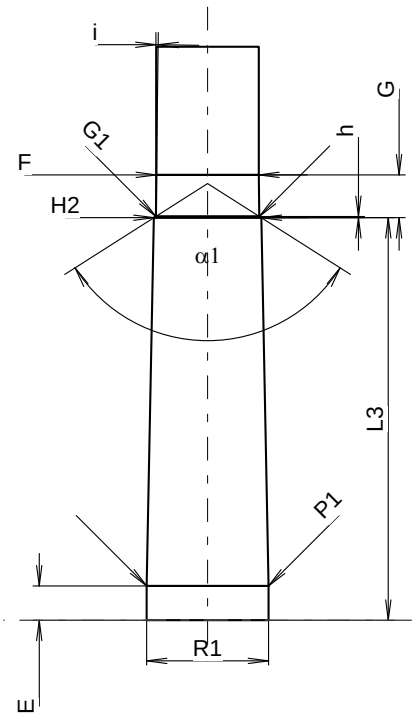
C.I.P.

366 TKM

Ursprungsland: RU

TAB.	X
Datum	16-05-18
Revision	





Maßstab 1.42:1

PATRONE MAXI

Längen

L1	=		
L2	=		
L3 1)	=	37.50	-0.25
L4	=		
L5	=		
L6	=	53.50	

Hülsenboden

R	=	1.50
R1	=	11.35
R3	=	
E	=	3.20
E1	=	9.56
e min	=	1.00
δ	=	51°58'12"
f	=	0.25
β	=	45°

Pulverkammer

P1	=	11.35
P2	=	

Schulterkonus

α	=	
S	=	
r1 min	=	
r2	=	

Hülsenhals

H1	=	
H2 1)	=	10.00

Geschoss

G1 1)	=	9.58
G2	=	
F	=	
L3+G 1)	=	41.50

Drücke (Energien)
Mech. elektr. Wandler

Pmax	=	3300	bar
PK	=	3795	bar
PE	=	4290	bar
M	=	25.00	

Verschiedene Daten

Fe 1)6)	=	0.15
delta L	=	

PATRONENLAGER MINI

Längen

L1	=	
L2	=	
L3 1)	=	37.55

Stoßboden

R	=	
R1	=	11.38
R2	=	
R3	=	
r	=	

Pulverkammer

E	=	3.20
P1 1)	=	11.37
P2	=	

Schulterkonus

α	=	
S	=	
r1 max	=	
r2	=	

Hülsenhals

H1	=	
H2 1)	=	10.02

Geschossübergang

G1 1)*	=	9.65
G 1)	=	4.00
α1	=	115°
h *	=	0.12
s	=	
i 1)*	=	0°44'18"
w	=	

Lauf

F 1)*	=	9.55
Z	=	9.55

Züge

b	=		
N	=		
u	=		
Q	=	71.63	mm²

Maße in << mm >>
Maße und Toleranzen für Messläufe siehe Anhang CR 1.

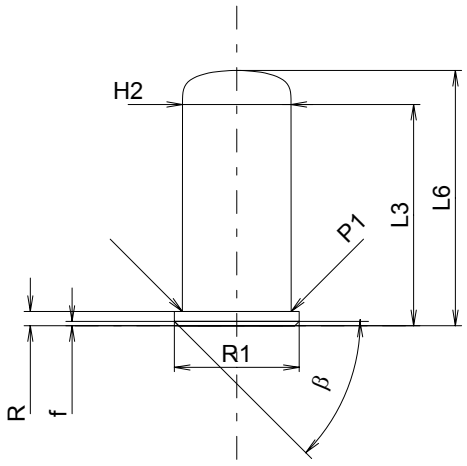
Bemerkungen: 1) Kontrolle aus Sicherheitsgründen
6) Verschlussabstand an Hülsenmund
* Grundmaße

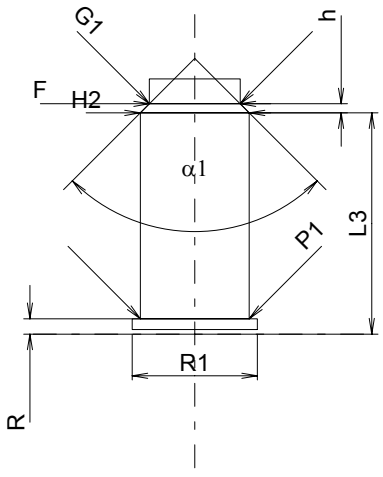
C.I.P.

380 Alfa

Ursprungsland: CZ

TAB.	**X**
Datum	**01-05-17**
Revision	**02-05-15**





Maßstab 1.5:1

PATRONE MAXI			PATRONENLAGER MINI		
Längen			**Längen**		
L1	=		L1	=	
L2 *	=	19.40	L2	=	
L3 1)	=	19.50	L3 1)	=	19.50
L4	=				
L5	=				
L6	=	22.50			
Hülsenboden			**Stoßboden**		
R	=	1.25	R 1)	=	1.35
R1	=	11.00	R1	=	11.05
R3	=		R2	=	
E	=		R3	=	
E1	=		r	=	
e min	=				
δ	=				
f	=	0.38			
β	=	45°			
Pulverkammer			**Pulverkammer**		
			E	=	
P1	=	9.58	P1 1)	=	9.60
P2	=		P2	=	
Schulterkonus			**Schulterkonus**		
α	=		α	=	
S	=		S	=	
r1 min	=		r1 max	=	
r2	=		r2	=	
Hülsenhals			**Hülsenhals**		
H1	=		H1	=	
H2 1)	=	9.57	H2 1)	=	9.60
Geschoss			**Übergang**		
G1	=		G1 *	=	8.00
G2	=		G	=	
F	=		α1	=	90°
L3+G	=		h *	=	0.80
			s	=	
Drücke (Energien)			i	=	
Mechan. elektr. Wandler			w	=	
Pmax	=	300 bar	**Lauf**		
PK	=	345 bar	F 1)*	=	8.00
PE	=	390 bar	Z 1)	=	8.00
M	=	10.50	**Züge**		
			b	=	
			N	=	
			u	=	
			Q	=	50.27 mm²
Verschiedene Daten					
Fe	=				
delta L	=				

Maße in << mm >>
Maße und Toleranzen für Messläufe siehe Anhang CR 1.

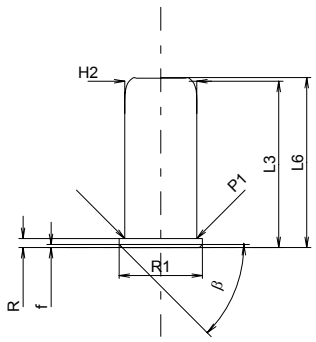
Bemerkungen: 1) Kontrolle aus Sicherheitsgründen
* Grundmaße

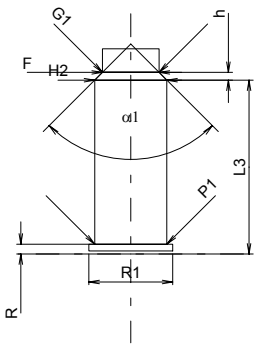
C.I.P.

380 ME Gum

Ursprungsland: IT

TAB.	**X**
Datum	**99-08-04**
Revision	**02-05-15**





Maßstab 1:1

PATRONE MAXI

Längen

L1	=		
L2	=	22.00	
L3	=	22.00	
L4	=		
L5	=		
L6	=	22.50	

Hülsenboden

R 1)	=	1.20	-0.10
R1	=	11.00	
R3	=		
E	=		
E1	=		
e min	=		
δ	=		
f	=	0.40	
β	=	45°	

Pulverkammer

P1	=	9.50
P2	=	

Schulterkonus

α	=	
S	=	
r1 min	=	
r2	=	

Hülsenhals

H1	=	
H2 1)	=	9.50

Geschoß

G1	=	
G2	=	
F	=	
L3+G	=	

Drücke (Energien)
Mechan. elektr. Wandler

Pmax	=	300 bar
PK	=	345 bar
PE	=	390 bar
M	=	10.50

Verschiedene Daten

Fe	=	
delta L	=	

PATRONENLAGER MINI

Längen

L1	=	
L2	=	
L3 1)	=	23.00

Stossboden

R 1)	=	1.30
R1	=	11.10
R2	=	
R3	=	
r	=	

Pulverkammer

E	=	
P1 1)	=	9.55
P2	=	

Schulterkonus

α	=	
S	=	
r1 max	=	
r2	=	

Hülsenhals

H1	=	
H2 1)	=	9.55

Übergang

G1 1)*	=	7.51
G	=	
α1	=	90°
h *	=	1.02
s	=	
i	=	
w	=	

Lauf

F 1)*	=	7.50
Z	=	

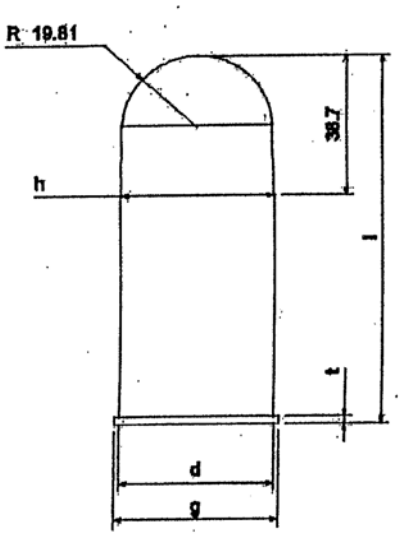
Züge

b	=	
N	=	
u	=	
Q	=	44.18 mm²

Maße in << mm >>
Maße und Toleranzen für Messläufe siehe Anhang CR 1.

Bemerkungen: 1) Kontrolle aus Sicherheitsgründen
* Grundmaße

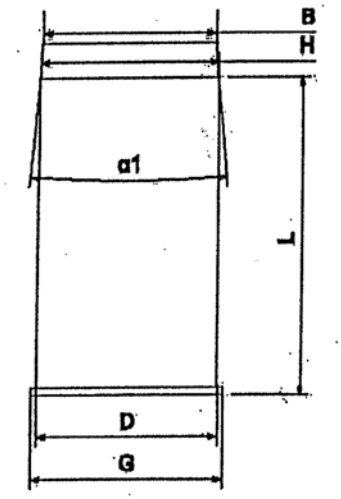
C.I.P.	40 x 46 Ursprungsland: US	TAB. X Date 07- 05 - 14 Revision 08- 04 - 15



PATRONE MAXIMUM

		Maxi	Mini	
Culot	dia.	d = 41.15 mm	40.90 mm	(1)
Bourrelet	dia.	g = 43.61 mm	43.35 mm	
Bourrelet	ép.	t = 1.93 mm	1.77 mm	(1)
Tube	dia.	h = 40.51 mm	40.26 mm	

Longueur :
L maxi = 110 mm Tolérance : -0.50 mm



PATRONENLAGER MINIMUM

Culot	dia.	D mini = 41.50	+ 0.1 mm	(1)
Drageoir	dia.	G mini = 44.20	+ 0.2 mm	
Drageoir	pro.	T mini = 1.90	± 0.05 mm	(1)
Chambre	dia.	H mini = 41.30	± 0.05 mm	(1)
Canon	dia.	B mini = 40.86	+ 0.05 mm	(1)
Canon	angle	α1 mini = 10°		(1)

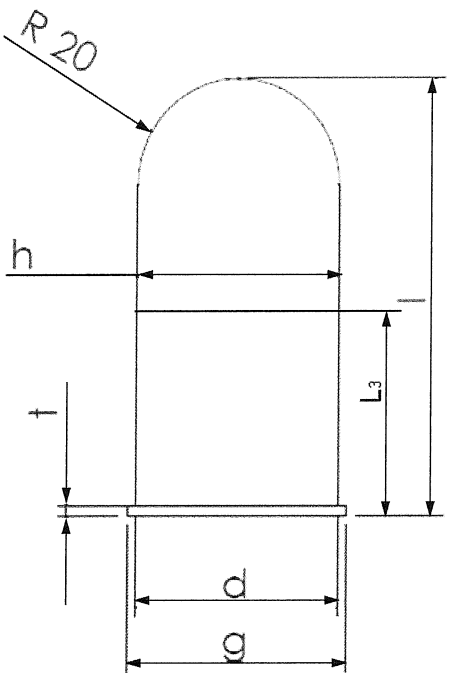
Longueur :

l maxi	= 49.10 mm	Tolérance : +0.50 mm	(1)
E max	= 160 Joules		
EK			
EE	= 176 Joules		
Verschlussabstand	= 0.10 mm (canon manomètre)		(1)
	= 0.20 mm (basculant)		(1)
	= 0.35 mm (automatique)		(1)

Dimensionen in « mm »
Dimensionen und Toleranzen für Messläufe:
Annexe CR4

Bemerkung: 1) Kontrolle aus Sicherheitsgründen

C.I.P.	40 x 46 BDLR X Pays d'origine: FR	TAB X Date 12-05-30 Révision

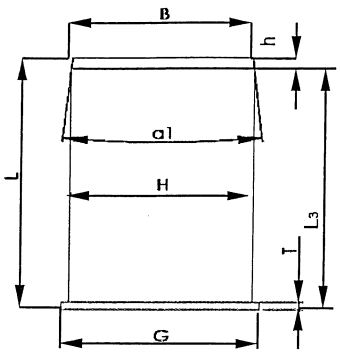


CARTOUCHE MAXIMALE

	Maxi	Mini	
Culot	dia. d = 41.00	40.90	(1)
Bourrelet	dia. g = 43.70	43.60	
Bourrelet	ép. t = 2.03	1.91	(1)
Sabot	dia. h = 41.35	41.20	

Longueur :

L3	= 45.2	
l	= 96.0	Tolérance : -2.0



CHAMBRE MINIMALE

Drageoir	dia.	G mini = 44.05	+ 0.05	
Drageoir	pro.	T mini = 2.00	+ 0.04	(1)
Chambre	dia.	H mini = 41.50	+ 0.20	(1)
Canon	dia.	B mini = 40.80	+ 0.04	(1)
Canon	angle	a1 mini = 10°		
Canon		N = 6 Rayures		
Canon		F = 40.8		
Canon		Z = 41.4		
Canon		b = 3.0		
Canon		u = 1200 mm / tour		

Longueur :

L3	= 46.5	
h	= 4.0	
L	= 50.5	Tolérance : + 0.5 (1)

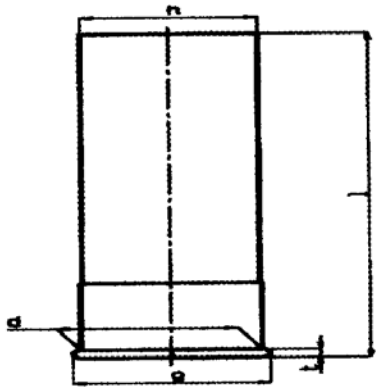
L = L3 + h

E max	= 200 Joules
EE	= 220 Joules
Feuillure	= 0,10 (canon manomètre)
	= 0,15 (basculant)

Dimensions en " mm "
Dimensions et tolérances pour les canons d'épreuve :

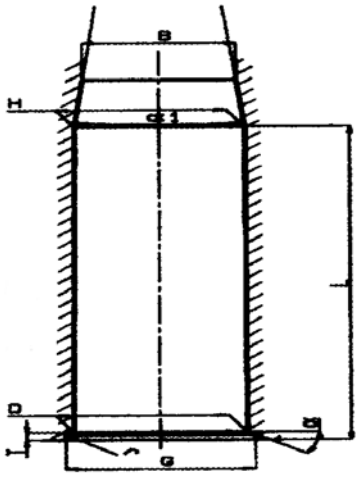
Notes : (1) A contrôler pour la sécurité

C.I.P.	44/83 Ursprungsland: FR	TAB. X Datum 94-03-01 Revision 94-06-01



PATRONE MAXIMUM

Dimens.	Wert	Toler.
d [1)]	= 47.55	- 0.10
g	= 51.50	- 0.15
t [1)]	= 2.05	- 0.10
h	= 47.05	- 0.10
l	= 83.50	- 0.50



Maßstab 1:2

PATRONENLAGER MINIMUM

Dimens.	Wert	Toler.
D [1)]	= 48.00	+ 0.30
G	= 51.50	+ 0.50
T [1)]	= 2.10	+ 0.05
H [1)]	= 47.80	+ 0.30
B [1)]	= 44.20	+ 0.20
α1 [1)]	= 22°04'	max
L [1)]	= 83.50	+ 0.50

Energie
Emax EK EE
Joule

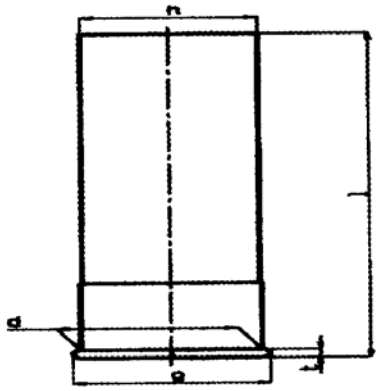
Verschlussabstand

Fe	= 0.10	Messlauf
Fe [1)]	= 0.20	Mit Basküle
Fe [1)]	= 0.35	Automat

Dimensionen in « mm »
Dimensionen und Toleranzen für Messläufe:
Siehe Anhang CR 4.

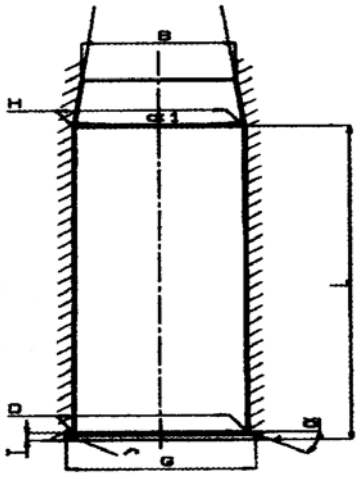
Bemerkung : 1) Kontrolle aus Sicherheitsgründen

C.I.P.	44/83 SP Ursprungsland: FR	TAB. X Datum 00-03-02 Revision 02-05-15



PATRONE MAXIMUM

Dimens.	Wert	Toler.
d [1)]	= 47.60	- 0.25
g	= 51.35	- 0.45
t [1)]	= 2.10	- 0.40
h	= 47.60	- 0.45
l	= 83.50	- 2.50



Maßstab 1:2

PATRONENLAGER MINIMUM

Dimens.	Wert	Toler.
D [1)]	= 47.70	+ 0.10
G	= 51.40	+ 0.10
T [1)]	= 2.25	+ 0.10
H [1)]	= 47.70	+ 0.10
B [1)]	= 44.20	+ 0.70
$\alpha 1$ [1)]	= 30°	max
L [1)]	= 83.50	+ 2.00

Energie		
Emax	EK	EE
Joule		
300	321	330

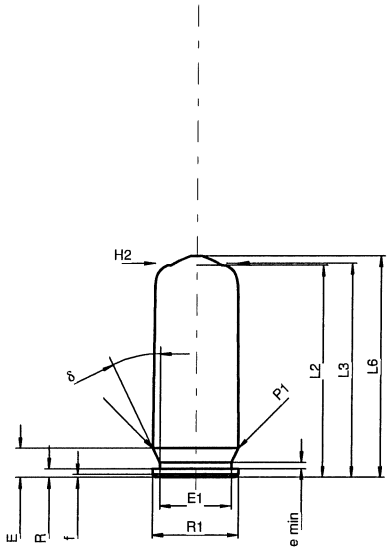
Verschlussabstand

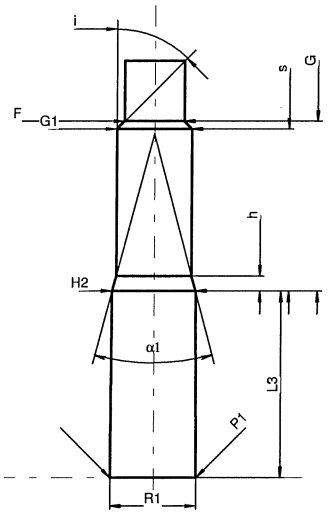
Fe	= 0.10	Messlauf
Fe [1)]	= 0.20	Mit Basküle
Fe [1)]	= 0.35	Automat

Dimensionen in « mm »
Dimensionen und Toleranzen für Messläufe:
Siehe Anhang CR 4.

Bemerkung: 1) Kontrolle aus Sicherheitsgründen

C.I.P.	45 x 30 Ursprungsland: RU	TAB. X Datum 12-05-30 Revision





Maßstab 1:1

PATRONE MAXI			PATRONENLAGER MINI		
Längen			**Längen**		
L1	=		L1	=	
L2	=	29.70	L2	=	
L3 1)	=	30.00	L3 1)	=	26.15
L4	=				
L5	=				
L6 1)	=	31.00			
Hülsenboden			**Stoßboden**		
R	=	1.20	R	=	
R1	=	12.15	R1	=	12.15
R3	=		R2	=	
E	=	4.10	R3	=	
E1	=	10.15	r	=	
e min	=	0.90			
δ	=	26°			
f	=	0.40			
β	=				
Pulverkammer			**Pulverkammer**		
			E	=	
P1	=	12.10	P1 1)	=	12.15
P2	=		P2	=	
Schulterkonus			**Schulterkonus**		
α	=		α	=	
S	=		S	=	
r1 min	=		r1 max	=	
r2	=		r2	=	
Hülsenhals			**Hülsenhals**		
H1	=		H1	=	
H2 1)	=	11.80	H2 1)	=	11.84
Geschoss			**Geschossübergang**		
G1	=		G1	=	10.70
G2	=		G	=	23.86
F	=		α1	=	30°
L3+G	=	53.86	h	=	2.13
			s	=	22.76
Drücke (Energien)			i	=	45°
Mech. elektr. Wandler			w	=	
Pmax	=	1300 bar	**Lauf**		
PK	=	1495 bar	F	=	8.50
PE	=	1690 bar	Z	=	
M	=	10.50	**Züge**		
			b	=	
			N	=	
			u	=	
			Q	=	56.75 mm²
Verschiedene Daten					
Fe	=				
delta L	=				

Maße in << mm >>
Maße und Toleranzen für Messläufe
siehe Anhang CR 1.

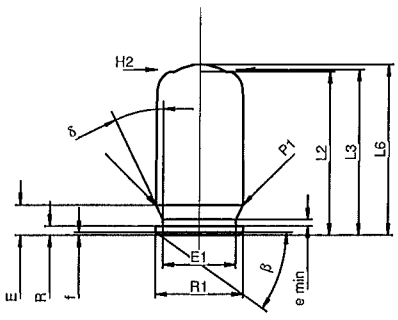
Bemerkungen: 1) Kontrolle aus Sicherheitsgründen

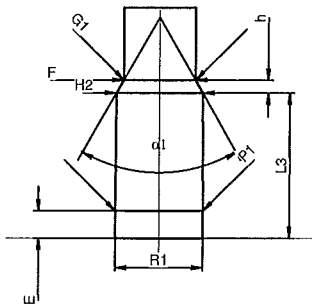
C.I.P.

45 Rubber

Ursprungsland: RU

TAB.	X
Datum	09-05-05
Revision	





Maßstab 1:1

PATRONE MAXI

Längen

L1	=	
L2	=	22.50
L3 1)	=	22.81
L4	=	
L5	=	
L6 1)	=	23.50

Hülsenboden

R	=	1.24
R1	=	12.19
R3	=	
E	=	4.11
E1	=	10.16
e min	=	0.89
δ	=	26°
f	=	0.38
β	=	35°

Pulverkammer

P1	=	12.09
P2	=	

Schulterkonus

α	=	
S	=	
r1 min	=	
r2	=	

Hülsenhals

H1	=	
H2 1)	=	12.01

Geschoss

G1	=	
G2	=	
F	=	
L3+G	=	

Drücke (Energien)

Mech. elektr. Wandler

Pmax	=	600 bar
PK	=	690 bar
PE	=	780 bar
M	=	12.50

Verschiedene Daten

Fe	=	
delta L	=	

PATRONENLAGER MINI

Längen

L1	=	
L2	=	
L3 1)	=	19.97

Stoßboden

R	=	
R1	=	12.21
R2	=	
R3	=	
r	=	

Pulverkammer

E	=	3.75
P1 1)	=	12.18
P2	=	

Schulterkonus

α	=	
S	=	
r1 max	=	
r2	=	

Hülsenhals

H1	=	
H2 1)	=	12.03

Geschossübergang

G1	=	10.00
G	=	
α1	=	60°
h	=	1.76
s	=	
i	=	
w	=	

Lauf

F	=	10.00
Z	=	

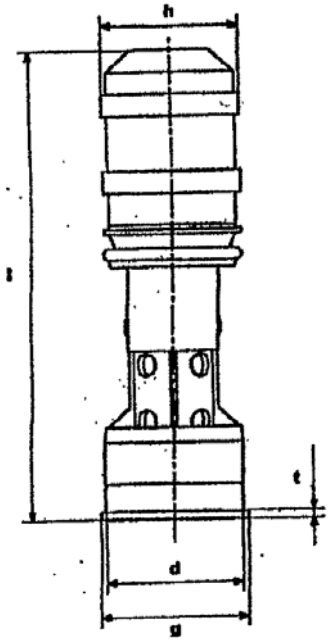
Züge

b	=	
N	=	
u	=	
Q	=	78.54 mm²

Maße in << mm >>
Maße und Toleranzen für Messläufe siehe Anhang CR 5.

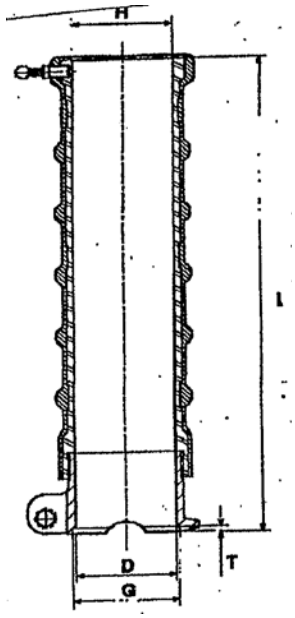
Bemerkungen: 1) Kontrolle aus Sicherheitsgründen

C.I.P.	**56 Cougar** Ursprungsland: FR	**TAB.** X **Date** 07- 05 - 14 **Révision**



PATRONE MAXIMUM

Dimension	Wert	Toleranzen
g	60	-0,1
d*	56,3	-0,3
t*	3,5	-0,1
l	210,5	-1,0
h	55,5	-1,0



PATRONENLAGER MINIMUM

Dimension	Wert	Toleranzen
G*	60	+0,2
D*	56,8	+0,1
T*	3,6	+0,05
L*	291	+2,0
H*	56,7	+0,1

	E nominale	E max (+10%)
Energie (Joules)	475	500

Verschlussabstand Fe = 0,15 max (manomètre à bascule automatique)

Dimensionen in « mm »
Dimensionen und Toleranzen für Messläufe :
Annexe CR4

Bemerkung : 1) Kontrolle aus Sicherheitsgründen

Unterzeichner	serialNumber=932783133,CN=Bundeskanzleramt,C=AT
Datum/Zeit	2019-12-23T14:09:16+01:00
Prüfinformation	Informationen zur Prüfung des elektronischen Siegels bzw. der elektronischen Signatur finden Sie unter: https://www.signaturpruefung.gv.at Informationen zur Prüfung des Ausdrucks finden Sie unter: https://www.bundeskanzleramt.gv.at/verifizierung
Hinweis	Dieses Dokument wurde amtssigniert.