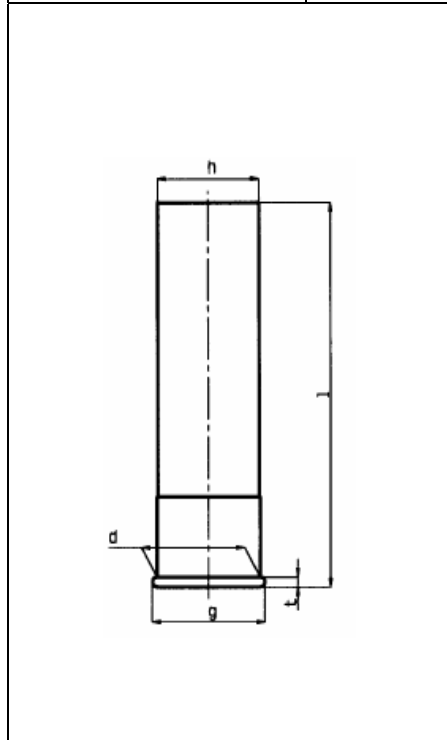


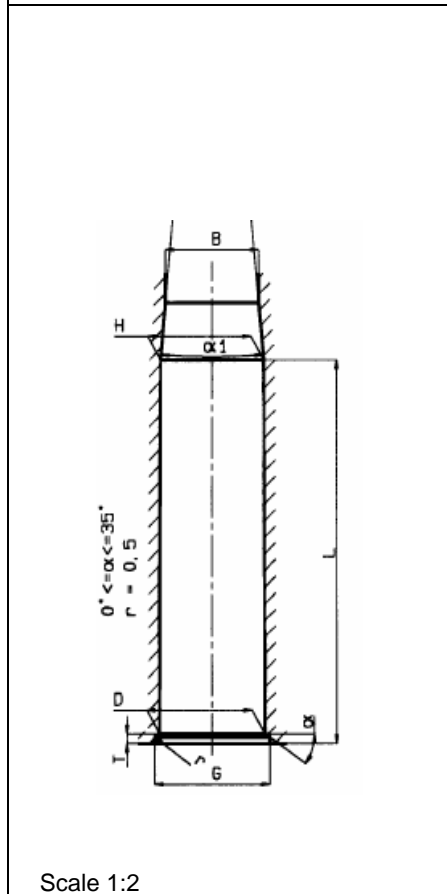
C.I.P.	Cal. 4	TAB. VII
		Date 89-01-19
		Revision 90-06-13



CARTRIDGE MAXIMALE

Dimens. Value Toler.

d ¹⁾	= 27.60	- 0.25	
g	= 30.45	- 0.45	
t ¹⁾	= 3.25	- 0.40	Marking
h	= 26.20	- 0.45	
l	= 82.40	- 2.50	4/82
l'	= 101.00	- 2.50	4/101



CHAMBER MINIMALE

Dimens. Value Toler.

D ¹⁾	= 27.70	+ 0.10				
G	= 30.50	+ 0.10				
T ¹⁾	= 3.30	+ 0.10				
H ¹⁾	= 26.30	+ 0.10	Marking	Pressure transducer		
B ¹⁾	= 23.35	+ 0.70		Pmax	PK	PE
alpha 1 ¹⁾	= 10°30'	max		bar		M
L ¹⁾	= 82.60	+ 2.00	4/82	1050	1200	1370
L' ¹⁾	= 101.20	+ 2.00	4/101	1050	1200	1370

Headspace

Fe	= 0.10	Proof Barrel
Fe ¹⁾	= 0.20	with bascule
Fe ¹⁾	= 0.35	automatic

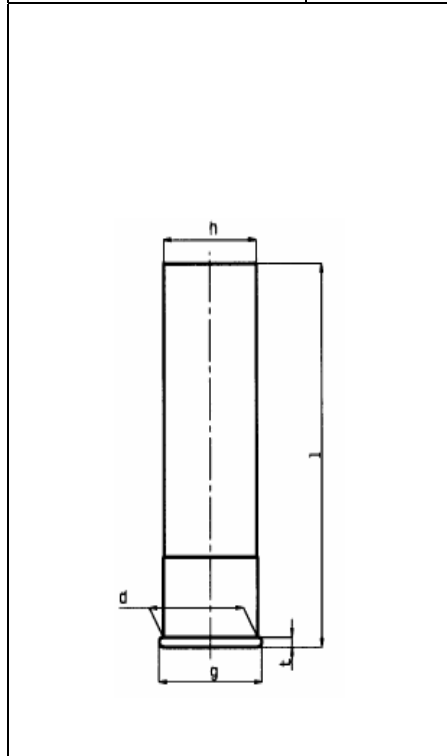
Scale 1:2

Dimensions in « mm »
Dimensions and tolerances for Proof Barrels:
See Appendix CR 4.

Notes: 1) Check for safety reasons



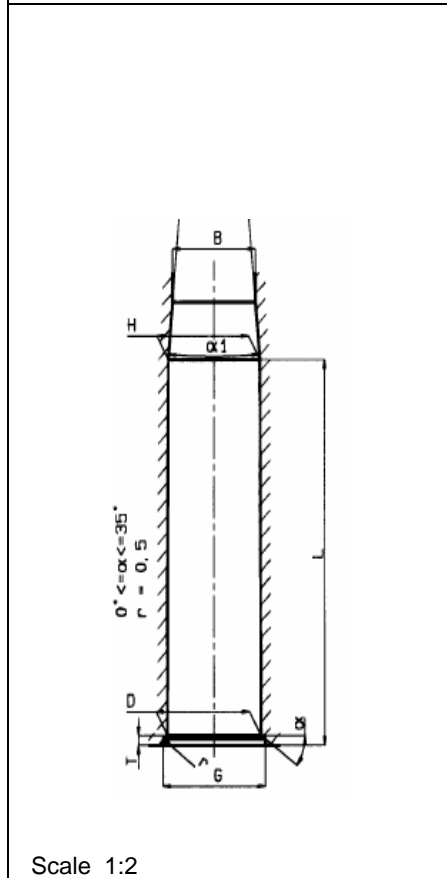
C.I.P.	Cal. 8	TAB.	VII
		Date	89-01-19
		Revision	90-06-13



CARTRIDGE MAXIMALE

Dimens. Value Toler.

d ¹⁾	= 23.50	- 0.25	
g	= 26.25	- 0.45	
t ¹⁾	= 2.90	- 0.40	Marking
h	= 23.15	- 0.45	
l	= 82.40	- 2.50	8/82
l	= 100.00	- 2.50	8/100



CHAMBER MINIMALE

Dimens. Value Toler.

D ¹⁾	= 23.65	+ 0.10		
G	= 26.30	+ 0.10		
T ¹⁾	= 2.95	+ 0.10		
H ¹⁾	= 23.20	+ 0.10	Marking	Pressure transducer
B ¹⁾	= 20.80	+ 0.70		Pmax PK PE M
α1 ¹⁾	= 10°30'	max		bar
L ¹⁾	= 82.60	+ 2.00	8/82	1050 1200 1370 25/30
L ¹⁾	= 100.50	+ 2.00	8/100	1050 1200 1370 25/30

Headspace

Fe	= 0.10	Proof Barrel with bascule automatic
Fe ¹⁾	= 0.20	
Fe ¹⁾	= 0.35	

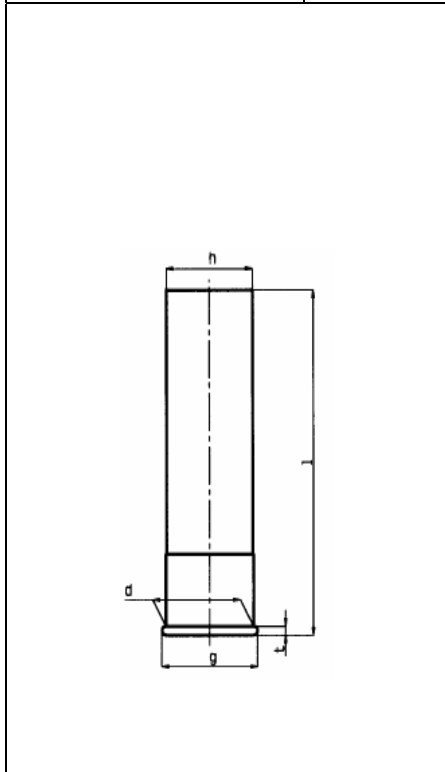
Scale 1:2

Dimensions in « mm »
Dimensions and tolerances for Proof Barrels:
See Appendix CR 4.

Notes : 1) Check for safety reasons

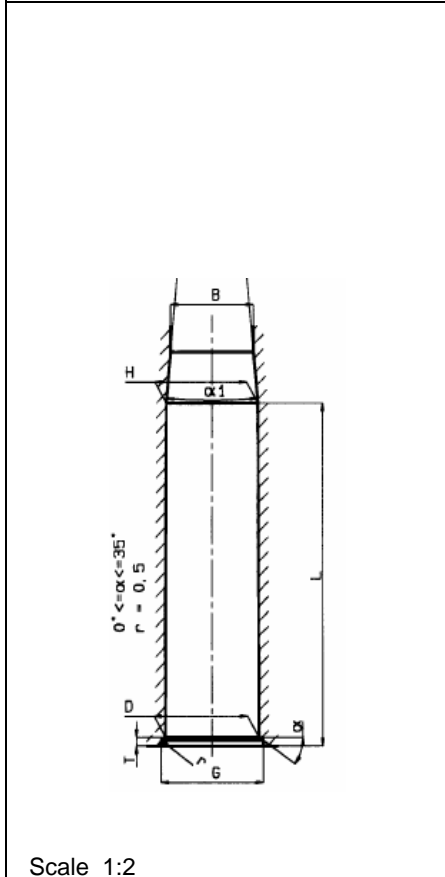


C.I.P.	Cal. 10	TAB.	VII
		Date	84-06-14
		Revision	90-06-13



CARTRIDGE MAXIMALE

Dimens.	Value	Toler.	
d ¹⁾	= 21.70	- 0.24	
g	= 23.65	- 0.64	
t ¹⁾	= 1.90	- 0.40	Marking
h	= 21.30	- 0.47	
l	= 76.00	- 2.50	10/76
l	= 82.40	- 2.50	10/82
l	= 88.70	- 2.50	10/89



CHAMBER MINIMALE

Dimens.	Value	Toler.		
D ¹⁾	= 21.75	+ 0.10		
G	= 23.75	+ 0.10		
T ¹⁾	= 1.90	+ 0.10		
H ¹⁾	= 21.40	+ 0.10	Marking	Pressure transducer
B ¹⁾	= 19.30	+ 0.70		Pmax PK PE M
$\alpha 1^{1)}$	= 10°30'	max		bar
L ¹⁾	= 76.20	+ 2.00	10/76	1050 1200 1370 25/30
L ¹⁾	= 82.60	+ 2.00	10/82	1050 1200 1370 25/30
L ¹⁾	= 88.90	+ 2.00	10/89	1050 1200 1370 25/30

Headspace	
Fe	= 0.10
Fe ¹⁾	= 0.20
Fe ¹⁾	= 0.35
Proof Barrel with bascule automatic	

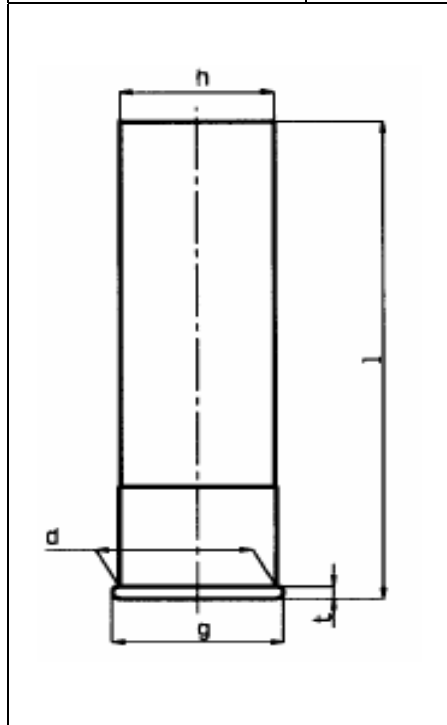
Scale 1:2

Dimensions in « mm »
Dimensions and tolerances for Proof Barrels:
See Appendix CR 4.

Note : 1) Check for safety reasons



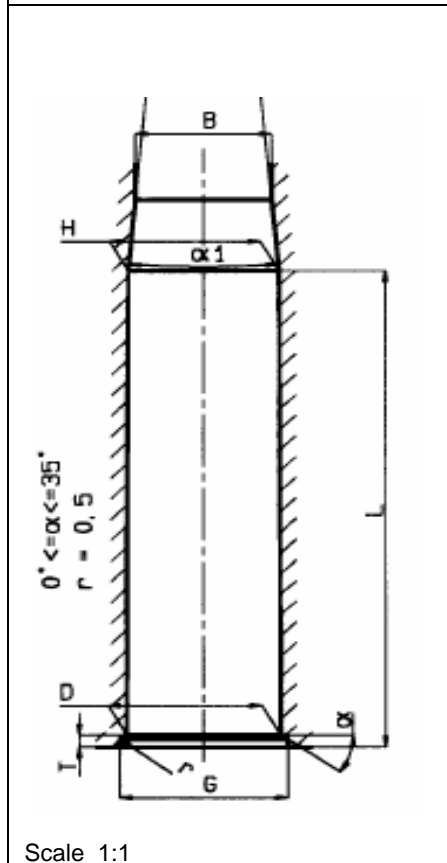
C.I.P.	Cal. 12	TAB. VII
		Date 84-06-14
		Revision 92-10-01



CARTRIDGE MAXIMALE

Dimens. Value Toler.

d ¹⁾	= 20.60	- 0.28	
g	= 22.45	- 0.48	
t ¹⁾	= 1.85	- 0.30	Marking
h	= 20.20	- 0.47	
l	= 50.00	- 2.50	12/50 SAPL
l	= 60.00	- 2.50	12/60
l	= 65.00	- 2.50	12/65
l	= 67.50	- 2.50	12/67
l	= 69.80	- 2.50	12/70
l	= 72.80	- 2.50	12/73
l	= 76.00	- 2.50	12/76
l	= 88.70	- 2.50	12/89



CHAMBER MINIMALE

Dimens. Value Toler.

D ¹⁾	= 20.65	+ 0.10					
G	= 22.55	+ 0.10					
T ¹⁾	= 1.85	+ 0.10					
H ¹⁾	= 20.30	+ 0.10	Marking	Pressure transducer			
B ¹⁾	= 18.20	+ 0.70		Pmax	PK	PE	M
alpha 1 ¹⁾	= 10°30'	max		bar			
L ¹⁾	= 50.10	+ 2.00	12/50 SAPL	150	173	195	25/30
L ¹⁾	= 60.10	+ 2.00	12/60	740	850	960	25/30
L ¹⁾	= 65.10	+ 2.00	12/65	740	850	960	25/30
L ¹⁾	= 67.60	+ 2.00	12/67	740	850	960	25/30
L ¹⁾	= 69.90	+ 2.00	12/70	740	850	960	25/30
L ¹⁾	= 73.00	+ 2.00	10/73	1050	1200	1370	25/30
L ¹⁾	= 76.20	+ 2.00	10/76	1050	1200	1370	25/30
L ¹⁾	= 88.90	+ 2.00	10/89	1050	1200	1370	25/30

Headspace

Fe	= 0.10	Proof Barrel
Fe ¹⁾	= 0.20	with bascule
Fe ¹⁾	= 0.35	automatic

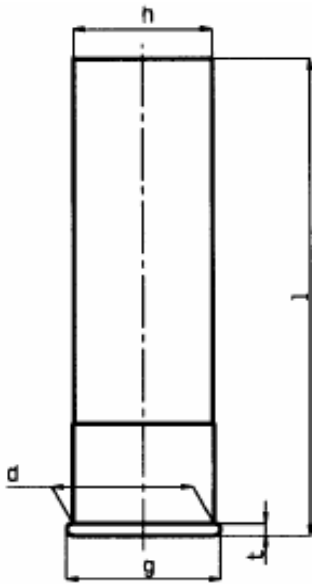
Scale 1:1

Dimensions in « mm »
Dimensions and tolerances for Proof Barrels :
See Appendix CR 4.

Notes: 1) Check for safety reasons

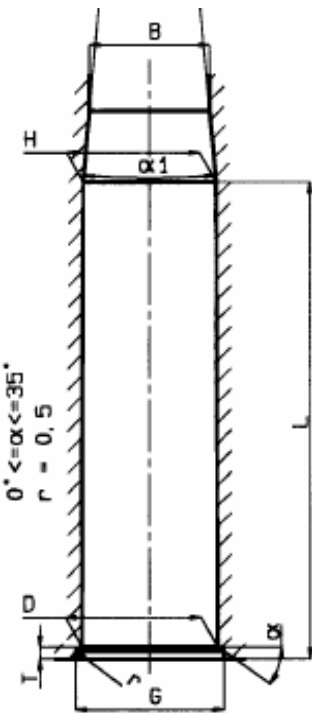


C.I.P.	Cal. 14	TAB. VII
		Date 84-06-14
		Revision 90-06-13



CARTDRIGE MAXIMALE

Dimens.	Value	Toler.	
d ¹⁾	= 19.65	- 0.25	
g	= 21.45	- 0.45	
t ¹⁾	= 1.75	- 0.35	Marking
h	= 19.30	- 0.50	
l	= 65.00	- 2.50	14/65
l	= 67.50	- 2.50	14/67
l	= 69.80	- 2.50	14/70



CHAMBER MINIMALE

Dimens.	Value	Toler.		
D ¹⁾	= 19.70	+ 0.10		
G	= 21.55	+ 0.10		
T ¹⁾	= 1.75	+ 0.10		
H ¹⁾	= 19.35	+ 0.10	Marking	Pressure transducer
B ¹⁾	= 17.20	+ 0.50		Pmax PK PE M
α ¹⁾	= 10°30'	max		bar
L ¹⁾	= 65.10	+ 2.00	14/65	740 850 960 25/30
L ¹⁾	= 67.60	+ 2.00	14/67	740 850 960 25/30
L ¹⁾	= 69.90	+ 2.00	14/70	740 850 960 25/30

Headspace	
Fe	= 0.10
Fe ¹⁾	= 0.20
Fe ¹⁾	= 0.35
Proof Barrel with bascule automatic	

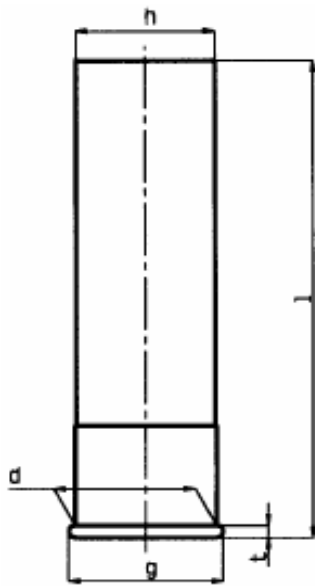
Scale 1:1

Dimensions in « mm »
Dimensions and tolerances for Proof Barrels :
See Appendix CR 4.

Notes : 1) Check for safety reasons



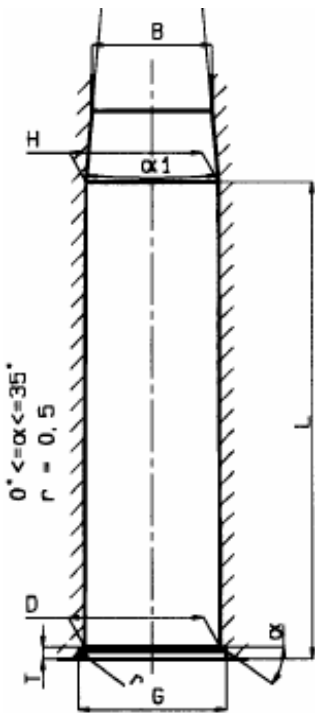
C.I.P.	Cal. 16	TAB.	VII
		Date	84-06-14
		Revision	90-06-13



CARTRIDGE MAXIMALE

Dimens. Value Toler.

$d^{(1)}$	= 18.90	- 0.23	
g	= 20.65	- 0.33	
$t^{(1)}$	= 1.65	- 0.35	Marking
h	= 18.55	- 0.49	
l	= 65.00	- 2.50	16/65
l	= 67.50	- 2.50	16/67
l	= 69.80	- 2.50	16/70



CHAMBER MINIMALE

Dimens. Value Toler.

$D^{(1)}$	= 18.95	+ 0.10				
G	= 20.75	+ 0.10				
$T^{(1)}$	= 1.65	+ 0.10				
$H^{(1)}$	= 18.60	+ 0.10	Marking	Pressure transducer		
$B^{(1)}$	= 16.80	+ 0.50		Pmax	PK	PE
$\alpha 1^{(1)}$	= 10°30'	max				M
$L^{(1)}$	= 65.10	+ 2.00	16/65	780	900	1020
$L^{(1)}$	= 67.60	+ 2.00	16/67	780	900	1020
$L^{(1)}$	= 69.90	+ 2.00	16/70	780	900	1020

Headspace

Fe	= 0.10	Proof Barrel with bascule automatic
$Fe^{(1)}$	= 0.20	
$Fe^{(1)}$	= 0.35	

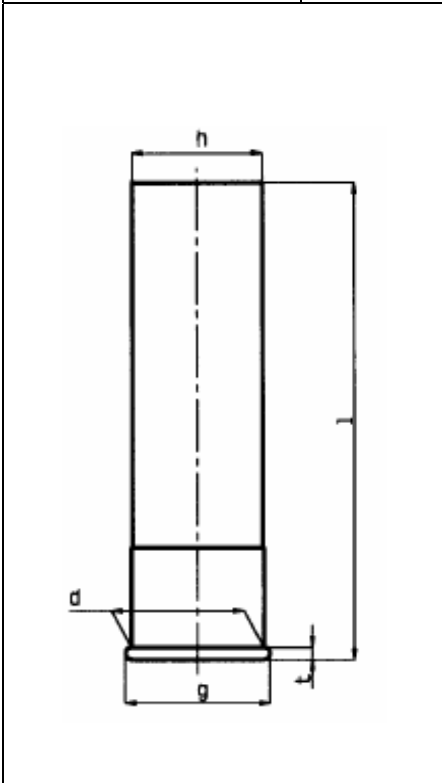
Scale 1 : 1

Dimensions in « mm »
Dimensions and tolerances for Proof Barrels :
See Appendix CR 4.

Notes : 1) Check for safety reasons



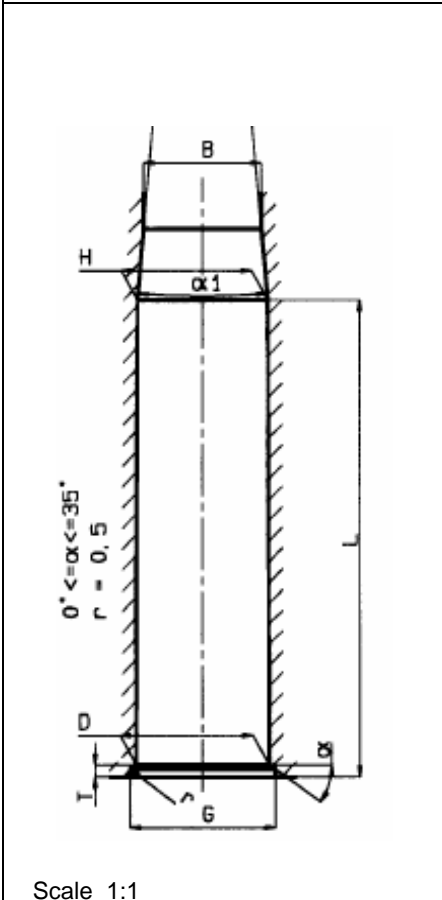
C.I.P.	Cal. 20	TAB. VII
		Date 84-06-14
		Revision 90-06-13



CARTRIDGE MAXIMALE

Dimens. Value Toler.

d ¹⁾	= 17.70	- 0.22	
g	= 19.40	- 0.40	
t ¹⁾	= 1.55	- 0.35	Marking
h	= 17.35	- 0.49	
l	= 65.00	- 2.50	20/65
l	= 67.50	- 2.50	20/67
l	= 69.80	- 2.50	20/70
l	= 76.00	- 2.50	20/76



CHAMBER MINIMALE

Dimens. Value Toler.

D ¹⁾	= 17.75	+ 0.10				
G	= 19.50	+ 0.10				
T ¹⁾	= 1.55	+ 0.10				
H ¹⁾	= 17.40	+ 0.10	Marking	Pressure transducer		
B ¹⁾	= 15.70	+ 0.50		Pmax	PK	PE
alpha 1 ¹⁾	= 10°30'	max				M
L ¹⁾	= 65.10	+ 2.00	20/65	bar		
L ¹⁾	= 67.60	+ 2.00	20/67	830	950	1080
L ¹⁾	= 69.90	+ 2.00	20/70	830	950	1080
L ¹⁾	= 76.20	+ 2.00	20/76	1050	1200	1370

Headspace

Fe	= 0.10	Proof Barrel
Fe ¹⁾	= 0.20	with bascule
Fe ¹⁾	= 0.35	automatic

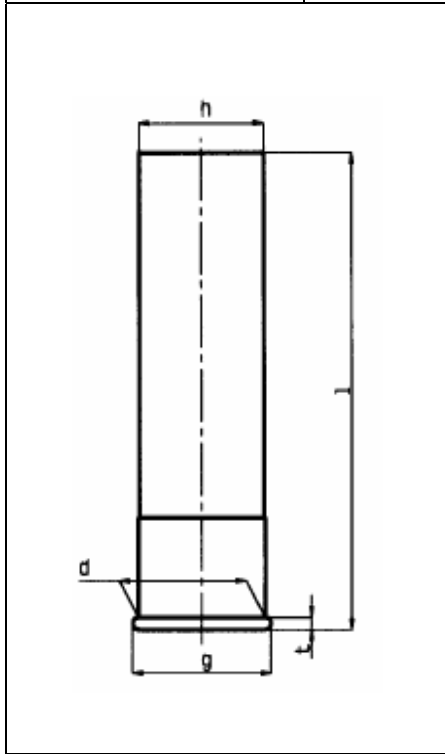
Scale 1:1

Dimensions in « mm »
Dimensions and tolerances for Proof Barrels :
See Appendix CR 4.

Notes : 1) Check for safety reasons



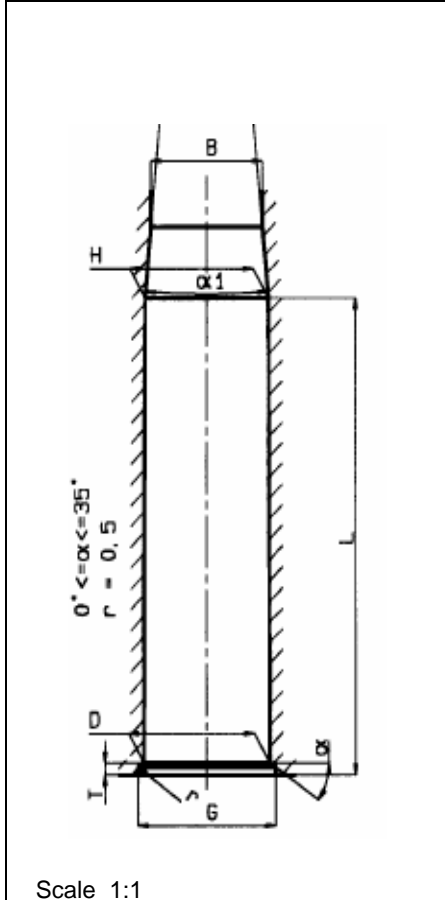
C.I.P.	Cal. 24	TAB. VII
		Date 84-06-14
		Revision 90-06-13



CARTRIDGE MAXIMALE

Dimens. Value Toler.

d ¹⁾	= 16.75	- 0.20	
g	= 18.45	- 0.40	
t ¹⁾	= 1.55	- 0.35	Marking
h	= 16.45	- 0.50	
l	= 63.50	- 2.50	24/63,5
l	= 65.00	- 2.50	24/65
l	= 69.80	- 2.50	24/70



CHAMBER MINIMALE

Dimens. Value Toler.

D ¹⁾	= 16.80	+ 0.10				
G	= 18.55	+ 0.10				
T ¹⁾	= 1.55	+ 0.10				
H ¹⁾	= 16.50	+ 0.10	Marking	Pressure transducer		
B ¹⁾	= 14.70	+ 0.50		Pmax	PK	PE
α1 ¹⁾	= 10°30'	max		bar		M
L ¹⁾	= 63.60	+ 2.00	24/63,5	830	950	1080
L ¹⁾	= 65.10	+ 2.00	24/65	830	950	1080
L ¹⁾	= 69.90	+ 2.00	24/70	830	950	1080

Headspace

Fe	= 0.10	Proof Barrel
Fe ¹⁾	= 0.20	with bascule
Fe ¹⁾	= 0.35	automatic

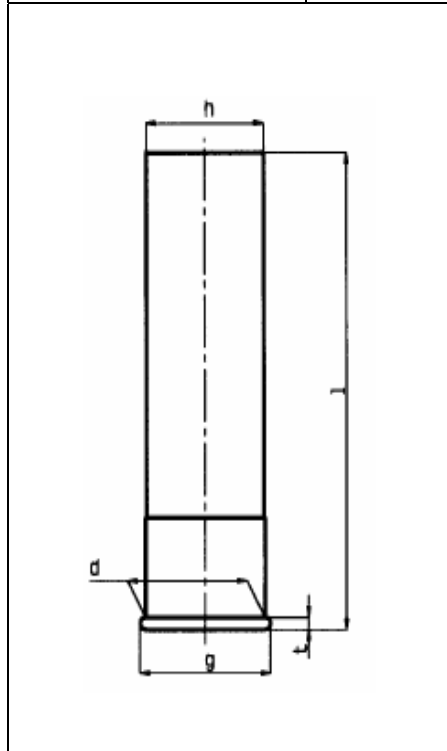
Scale 1:1

Dimensions in « mm »
 Dimensions and tolerances for Proof Barrels:
 See Appendix CR 4.

Notes : 1) Check for safety reasons

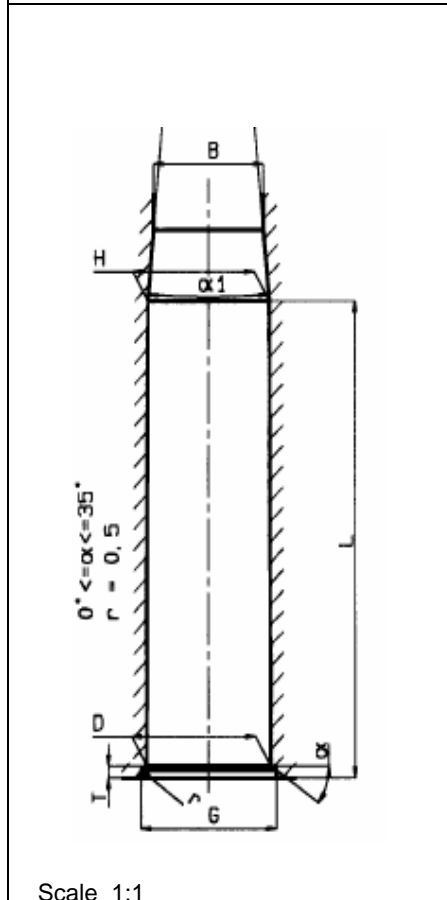


C.I.P.	Cal. 28	TAB. VII
		Date 84-06-14
		Revision 90-06-13



CARTRIDGE MAXIMALE

Dimens.	Value	Toler.	
d ¹⁾	= 15.85	- 0.18	
g	= 17.40	- 0.38	
t ¹⁾	= 1.55	- 0.35	Marking
h	= 15.55	- 0.49	
l	= 63.50	- 2.50	28/63,5
l	= 65.00	- 2.50	28/65
l	= 69.80	- 2.50	28/70



CHAMBER MINIMALE

Dimens.	Value	Toler.				
D ¹⁾	= 15.90	+ 0.10				
G	= 17.50	+ 0.10				
T ¹⁾	= 1.55	+ 0.10				
H ¹⁾	= 15.60	+ 0.10	Marking	Pressure transducer		
B ¹⁾	= 13.80	+ 0.50		Pmax	PK	PE
alpha 1 ¹⁾	= 10°30'	max		bar		M
L ¹⁾	= 63.60	+ 2.00	28/63,5	830	950	1080
L ¹⁾	= 65.10	+ 2.00	28/65	830	950	1080
L ¹⁾	= 69.90	+ 2.00	28/70	830	950	1080

Headspace		
Fe	= 0.10	Proof Barrel
Fe ¹⁾	= 0.20	with bascule
Fe ¹⁾	= 0.35	automatic

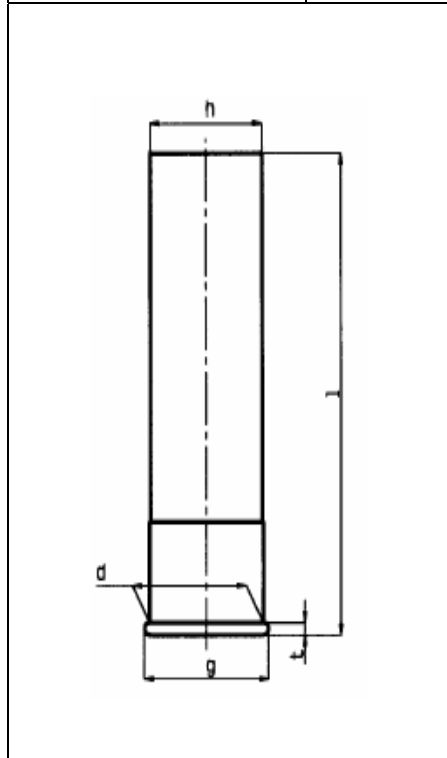
Scale 1:1

Dimensions in « mm »
 Dimensions and tolerances for Proof Barrels:
 See Appendix CR 4.

Notes : 1) Check for safety reasons



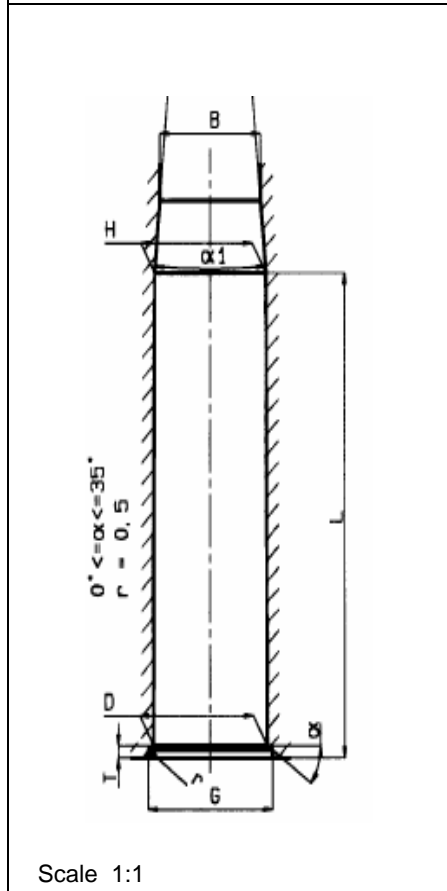
C.I.P.	Cal. 32	TAB. VII
		Date 84-06-14
		Revision 99-04-20



CARTRIDGE MAXIMALE

Dimens. Value Toler.

d ¹⁾	= 14.55	- 0.15	
g	= 16.10	- 0.40	
t ¹⁾	= 1.55	- 0.35	Marking
h	= 14.25	- 0.35	
l	= 50.70	- 2.50	32/50,7
l	= 60.00	- 2.50	32/60
l	= 63.50	- 2.50	32/63.5
l	= 65.00	- 2.50	32/65
l	= 69.80	- 2.50	32/70



CHAMBER MINIMALE

Dimens. Value Toler.

D ¹⁾	= 14.60	+ 0.10				
G	= 16.20	+ 0.10				
T ¹⁾	= 1.55	+ 0.10				
H ¹⁾	= 14.30	+ 0.10	Marking			
B ¹⁾	= 12.70	+ 0.50				
α1 ¹⁾	= 10°30'	max				
L ¹⁾	= 50.80	- 2.50	32/50,7	830	950	1080
L ¹⁾	= 60.10	+ 2.00	32/60	830	950	1080
L ¹⁾	= 63.60	+ 2.00	32/63.5	830	950	1080
L ¹⁾	= 65.10	+ 2.00	32/65	830	950	1080
L ¹⁾	= 69.90	+ 2.00	32/70	830	950	1080

Pressure transducer
Pmax PK PE M
bar

Headspace

Fe	= 0.10	Proof Barrel
Fe ¹⁾	= 0.20	with bascule
Fe ¹⁾	= 0.35	automatic

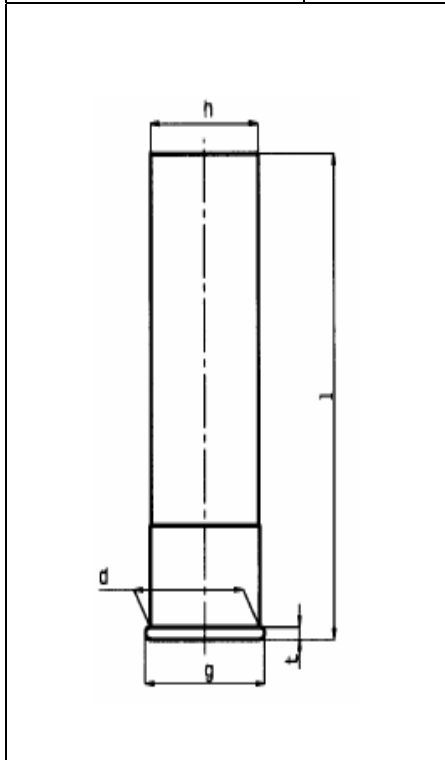
Scale 1:1

Dimensions in « mm »
Dimensions and tolerances for Proof Barrels:
See Appendix CR 4.

Notes : 1) Check for safety reasons

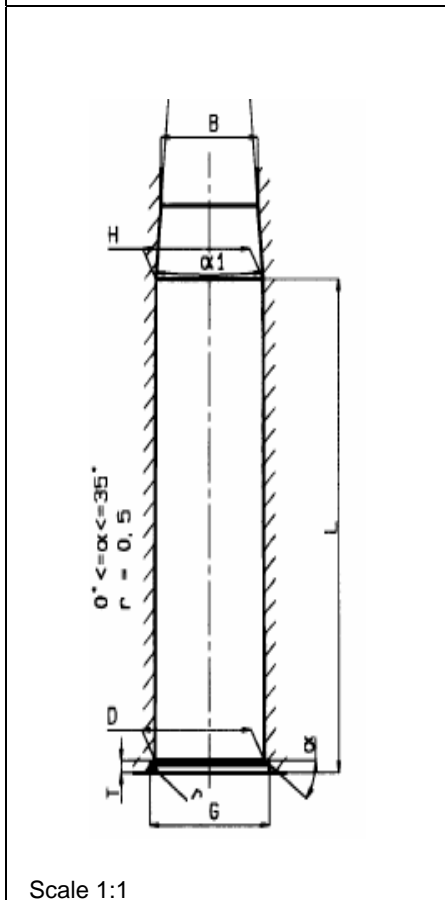


C.I.P.	Cal. 32 RUS	TAB. VII
		Date 99-04-20
		Revision



CATRIDGE MAXIMALE

Dimens.	Value	Toler.	
d ¹⁾	= 13.60	- 0.20	
g	= 15.40	- 0.20	
t ¹⁾	= 1.50	- 0.30	Marking
h	= 13.25	- 0.35	
l	= 65.00	- 2.50	32/65 RUS
l	= 69.80	- 2.50	32/70 RUS



CHAMBER MINIMALE

Dimens.	Value	Toler.		
D ¹⁾	= 13.60	+ 0.10		
G	= 15.50	+ 0.20		
T ¹⁾	= 1.50	+ 0.10		
H ¹⁾	= 13.30	+ 0.10	Marking	Pressure transducer
B ¹⁾	= 12.50	+ 0.30		Pmax PK PE M
alpha ¹⁾	= 10°30'	max		bar
L ¹⁾	= 65.10	+ 2.00	32/65 RUS	830 950 1080 17
L ¹⁾	= 69.90	+ 2.00	32/70 RUS	830 950 1080 17

Headspace

Fe	= 0.10	Proof Barrel
Fe ¹⁾	= 0.20	with bascule
Fe ¹⁾	= 0.35	automatic

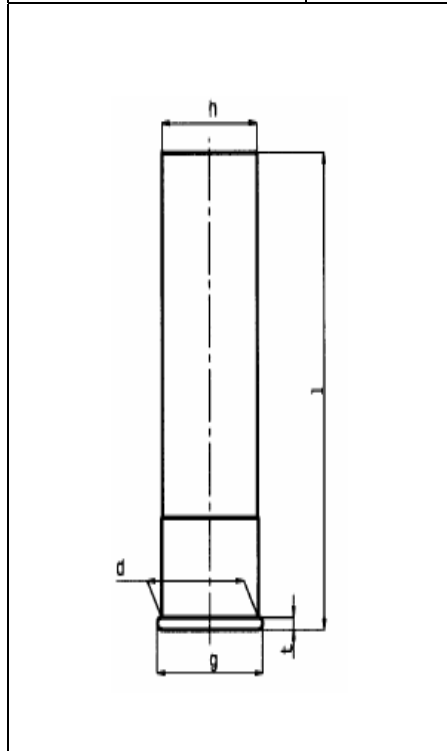
Scale 1:1

Dimensions in « mm »
 Dimensions and tolerances for Proof Barrels:
 See Appendix CR 4.

Notes : 1) Check for safety reasons

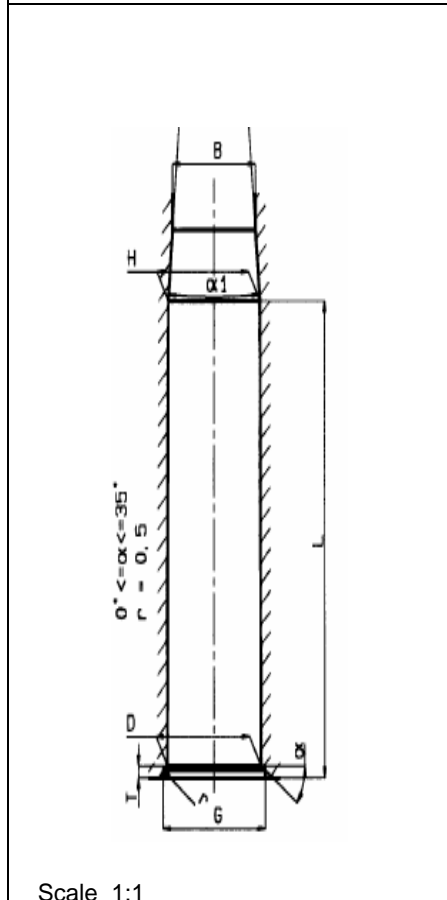


C.I.P.	Cal. 410 (36)	TAB. VII
		Date 84-06-14
		Revision 99-04-20



CARTRIDGE MAXIMALE

Dimens.	Value	Toler.	
d ¹⁾	= 12.00	- 0.11	
g	= 13.60	- 0.40	
t ¹⁾	= 1.55	- 0.35	Marking
h	= 11.75	- 0.38	
l	= 50.70	- 2.50	410/50,7
l	= 63.50	- 2.50	410/63,5
l	= 65.00	- 2.50	410/65
l	= 69.80	- 2.50	410/70
l	= 72.80	- 2.50	410/73
l	= 76.00	- 2.50	410/76



CHAMBER MINIMALE

Dimens.	Value	Toler.		
D ¹⁾	= 12.05	+ 0.10		
G	= 13.70	+ 0.10		
T ¹⁾	= 1.55	+ 0.10		
H ¹⁾	= 11.80	+ 0.10	Marking	Pressure transducer
B ¹⁾	= 10.20	+ 0.50		Pmax PK PE M
α1 ¹⁾	= 10°30'	max		bar
L ¹⁾	= 50.80	+ 2.00	410/50,7	830 950 1080 12.5
L ¹⁾	= 63.60	+ 2.00	410/63,5	830 950 1080 17
L ¹⁾	= 65.10	+ 2.00	410/65	830 950 1080 17
L ¹⁾	= 69.90	+ 2.00	410/70	830 950 1080 17
L ¹⁾	= 73.00	+ 2.00	410/73	1050 1200 1370 17
L ¹⁾	= 76.20	+ 2.00	410/76	1050 1200 1370 17

Headspace

Fe	= 0.10	Proof Barrel
Fe ¹⁾	= 0.20	with bascule
Fe ¹⁾	= 0.35	automatic

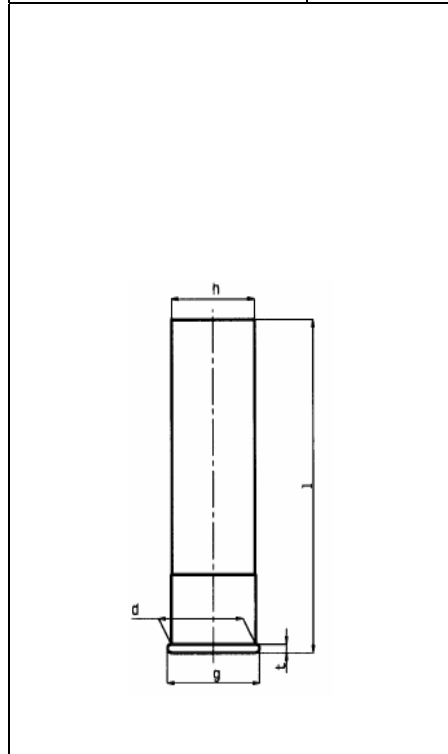
Scale 1:1

Dimensions in « mm »
Dimensions and tolerances for Proof Barrels:
See Appendix CR 4.

Notes : 1) Check for safety reasons



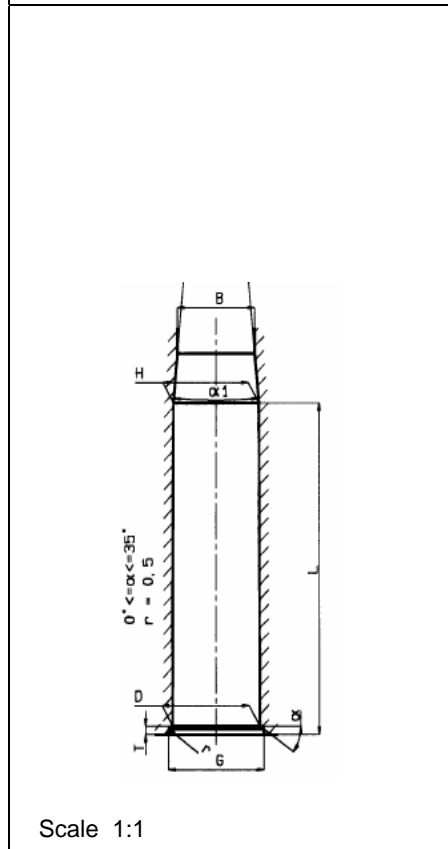
C.I.P.	Cal. 8 mm	TAB.	VII
		Date	89-01-19
		Revision	94-03-01



CARTRIDGE MAXIMALE

Dimens. Value Toler.

$d^{1)}$	=	9.80	- 0.10	
g	=	12.20	- 0.30	
$t^{1)}$	=	1.45	- 0.20	Marking
h	=	9.00	- 0.20	
l	=	44.30	- 0.70	8 mm C.F.



CHAMBER MINIMALE

Dimens. Value Toler.

$D^{1)}$	=	9.85	+ 0.10	
G	=	12.30	+ 0.20	
$T^{1)}$	=	1.45	+ 0.10	
$H^{1)}$	=	9.05	+ 0.10	Marking
$B^{1)}$	=	7.90	+ 0.50	Pressure transducer
$\alpha^{1)}$	=	10°30'	max	Pmax PK PE M
$L^{1)}$	=	44.50	+ 2.00	8 mm C.F. 830 950 1080 12.5

Headspace

Fe	=	0.10	Proof Barrel with bascule automatic
$Fe^{1)}$	=	0.20	
$Fe^{1)}$	=	0.35	

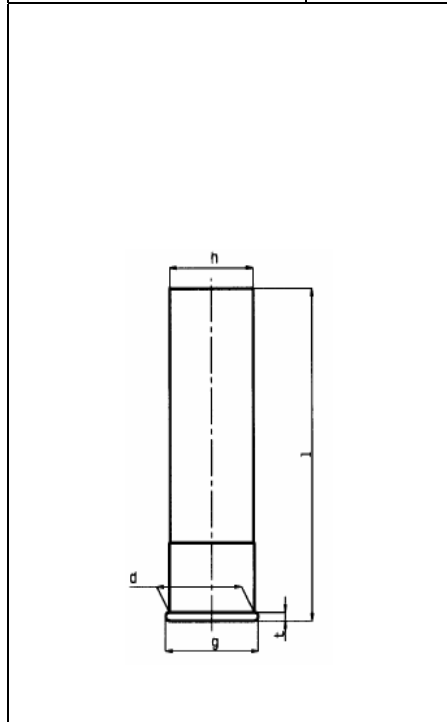
Scale 1:1

Dimensions in « mm »
Dimensions and tolerances for Proof Barrels
See Appendix CR 4.

Notes : 1) Check for safety reasons



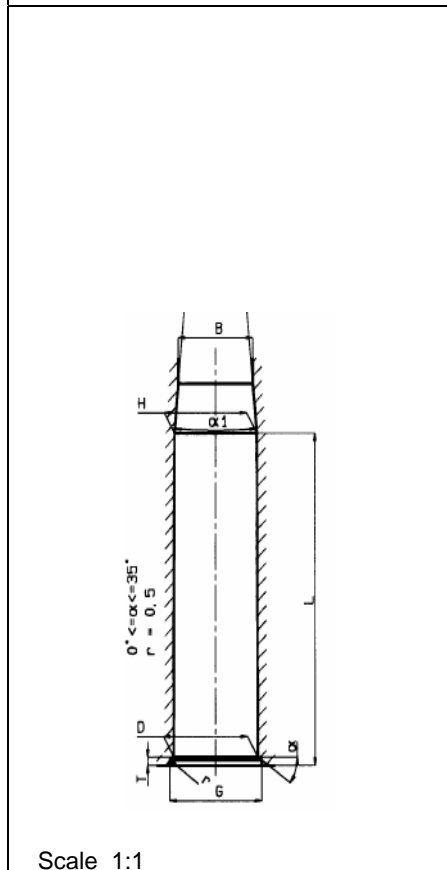
C.I.P.	Cal. 9 mm	TAB.	VII
		Date	89-01-19
		Revision	90-06-13



CARTRIDGE MAXIMALE

Dimens. Value Toler.

d ¹⁾	=	9.85	- 0.10	
g	=	11.40	- 0.30	
t ¹⁾	=	1.40	- 0.25	Marking
h	=	9.65	- 0.35	
l	=	44.50	- 2.50	9 mm / 44,5



CHAMBER MINIMALE

Dimens. Value Toler.

D ¹⁾	=	9.90	+ 0.10	
G	=	11.50	+ 0.10	
T ¹⁾	=	1.45	+ 0.10	
H ¹⁾	=	9.70	+ 0.10	Marking
B ¹⁾	=	8.50	+ 0.50	Pressure transducer
α ¹⁾	=	10°30'	max	Pmax PK PE M
L ¹⁾	=	44.60	+ 2.00	bar
				9 mm / 44,5 830 950 1080 12.5

Headspace

Fe	=	0.10	Proof Barrel with bascule automatic
Fe ¹⁾	=	0.20	
Fe ¹⁾	=	0.35	

Scale 1:1

Dimensions in « mm »
Dimensions and tolerances for Proof Barrels:
See Appendix CR 4.

Notes : 1) Check for safety reasons

