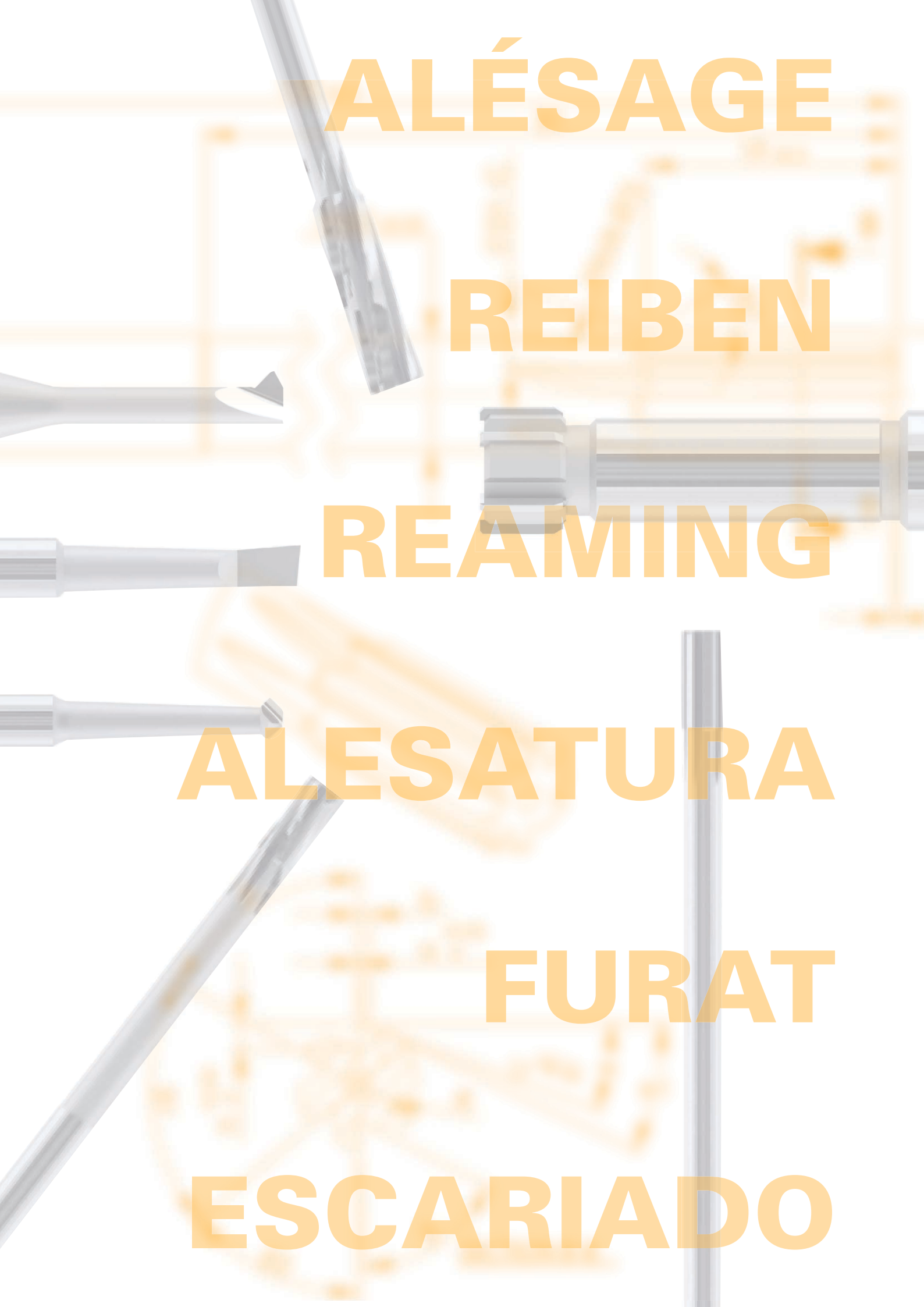




ALÉSAGE

REIBEN

REAMING

ALESATURA

FURAT

ESCARIADO

SÉLECTION DES ALÉSOIRS ET OUTILS À ALÉSER 336



ALÉSOIRS EN CARBURE MONOBLOC 340



ALÉSOIRS EXPANSIBLES 355



ALÉSOIRS À PLAQUETTES SUR DEMANDE 359



OUTILS À ALÉSER ET CHANFREINER 363



OUTILS À ALÉSER 365

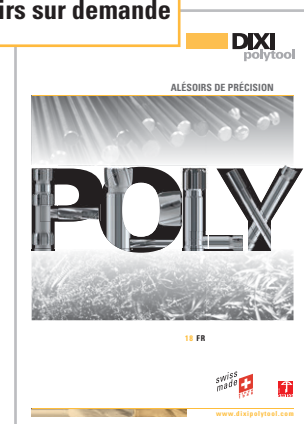


CONDITIONS DE COUPE 369



OUTILS SUR DEMANDE 374

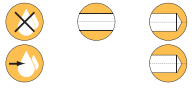
Consultez notre catalogue spécifique dédié aux alésoirs sur demande



SELECTION DES ALÉSOIRS ET OUTILS À ALÉSER

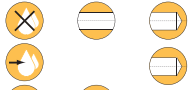
✓ = article de stock

ALÉSOIRS EN CARBURE MONOBLOC

	Z	Page		☐ CARBURE	☒ TAIN	☐ CERMET	Tolérance trou à usiner
POLY 4001 Ø 0.40 - 12.02  avec trou central > Ø 2.98	3 - 6	340		✓			IT 7
POLY 4005 Ø 2.97 - 6.50  avec trou central > Ø 2.98	4 - 6	347		✓			IT 7
POLY 4007 Ø 0.37 - 12.02 	3 - 6	348		✓			IT 7

ALÉSOIRS EXPANSIBLES À PLAQUETTES CARBURE OU CERMET

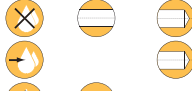
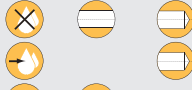
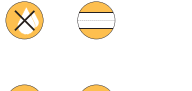
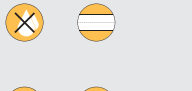
Utiliser le CERMET dans les groupes de matières p. 372

POLY 4361 Ø 6.00 - 24.00 	4 - 6	355		✓	✓	✓	IT 5 IT 6 IT 7
POLY 4371 Ø 6.00 - 24.00 	4 - 6	357		✓	✓	✓	IT 5 IT 6 IT 7

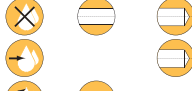
ALÉSOIRS SUR DEMANDE - PLAQUETTES CARBURE OU CERMET

ALÉSOIRS FIXES

Utiliser le CERMET dans les groupes de matières p. 372

POLY 4261 Ø 5.80 - 120.00 	4 - 6	359					IT 7
POLY 4271 Ø 5.80 - 120.00 	4 - 6	360					IT 7
POLY 4264 Ø 5.80 - 120.00 	4 - 6	359					IT 7
POLY 4274 Ø 5.80 - 120.00 	4 - 6	360					IT 7

ALÉSOIRS EXPANSIBLES

POLY 4361 Ø 5.80 - 55.00 	4 - 6	361					IT 5 IT 6 IT 7
POLY 4371 Ø 5.80 - 55.00 	4 - 6	362					IT 5 IT 6 IT 7

○ bien ⊙ excellent

Acier + Pb	Acier > 600MPa	Acier fort. allié	Acier inox aust.	Aciers Fontes 45-65 HRC	Fontes	Super alliages Ni / Co	Titane, alliages de titane	Alliage Cu Argent Or	Alliage Cu difficile	Alu	Graphite	Plastique
⊙	⊙	○	○		⊙	○	⊙	⊙	⊙	⊙		⊙
⊙	⊙	○	○		⊙	○	⊙	⊙	⊙	⊙		⊙
⊙	⊙	○	○		⊙	○	⊙	⊙	⊙	⊙		⊙

⊙	⊙	○	○		⊙	○	⊙	⊙	⊙	⊙		
⊙	⊙	○	○		⊙	○	⊙	⊙	⊙	⊙		

⊙	⊙	○	○	⊙	⊙	○	⊙	⊙	⊙	⊙		
⊙	⊙	○	○	⊙	⊙	○	⊙	⊙	⊙	⊙		
⊙	⊙	○	○	⊙	⊙	○	⊙	⊙	⊙	⊙		
⊙	⊙	○	○	⊙	⊙	○	⊙	⊙	⊙	⊙		

⊙	⊙	○	○	⊙	⊙	○	⊙	⊙	⊙	⊙		
⊙	⊙	○	○	⊙	⊙	○	⊙	⊙	⊙	⊙		

SELECTION DES ALÉSOIRS ET OUTILS À ALÉSER

✓ = article de stock

ALÉSOIRS EXPANSIBLES

POLY 4364
Ø 5.80 - 55.00



Z

Page

☐ CARBURE

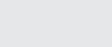
☒ TAIN

☐ CERMET

Tolérance
trou à usiner

4 - 6

361



POLY 4374
Ø 5.80 - 55.00



4 - 6

362



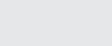
OUTILS À ALÉSER ET CHANFREINER

DIXI 2577
Ø 0.26 - 0.86



-

363



✓

DIXI 2567
Ø 0.20 - 1.00



-

364



✓

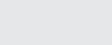
OUTILS À ALÉSER

DIXI 2578
Ø 0.30 - 1.00



-

365



✓

DIXI 2579
Ø 0.60 - 3.00



-

366



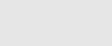
✓

DIXI 2580
Ø 0.50 - 20.00



-

367



✓

DIXI 2581
Ø 0.50 - 18.00



-

368



✓

PORTE-BURINS

DIXI 2764



-

365

○ bien ⊙ excellent

Acier + Pb	Acier > 600MPa	Acier fort. allié	Acier inox aust.	Aciers Fontes 45-65 HRC	Fontes	Super alliages Ni / Co	Titane, alliages de titane	Alliage Cu Argent Or	Alliage Cu difficile	Alu	Graphite	Plastique
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⊙	⊙	○	○	⊙	⊙	○	⊙	⊙	⊙	⊙		
⊙	⊙	○	○	⊙	⊙	○	⊙	⊙	⊙	⊙		

⊙	⊙	○	○		⊙	○	⊙	⊙	⊙	⊙		⊙
⊙	⊙	○	○		⊙	○	⊙	⊙	⊙	⊙		⊙

⊙	⊙	○	○		⊙	○	⊙	⊙	⊙	⊙		⊙
⊙	⊙	○	○		⊙	○	⊙	⊙	⊙	⊙		⊙
⊙	⊙	○	○		⊙	○	⊙	⊙	⊙	⊙		⊙
⊙	⊙	○	○		⊙	○	⊙	⊙	⊙	⊙		⊙

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POLY 4001 - 4001-TC

ALÉSOIRS DENTURE IRRÉGULIÈRE DROITE



P. 370



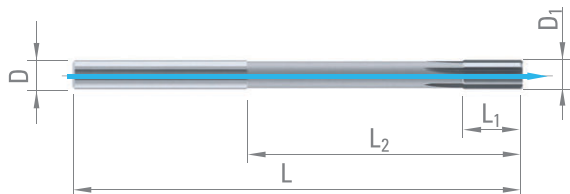
> Ø 2.98



Ref. A



Ref. B



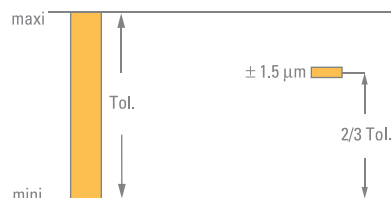
D nom. H7 $\pm 1.5\mu\text{m}$ D₁ L₁ L₂ D_{h5} L Z Ref. CARBURE

0.40	(0.407)	3	5	3	38	3	B	959801
0.41	(0.417)	3	5	3	38	3	B	964623
0.42	(0.427)	3	5	3	38	3	B	959802
0.43	(0.437)	3	5	3	38	3	B	978100
0.44	(0.447)	3	5	3	38	3	B	959803
0.45	(0.457)	3	5	3	38	3	B	954360
0.46	(0.467)	3	5	3	38	3	B	959804
0.47	(0.477)	3	5	3	38	3	B	963057
0.48	(0.487)	3	5	3	38	3	B	959805
0.49	(0.497)	3	5	3	38	3	B	954359
0.50	(0.507)	3	5	3	38	3	B	959662
0.51	(0.517)	4	6	3	38	3	B	200007
0.52	(0.527)	4	6	3	38	3	B	200000
0.53	(0.537)	4	6	3	38	3	B	200004
0.54	(0.547)	4	6	3	38	3	B	200005
0.55	(0.557)	4	6	3	38	3	B	200001
0.56	(0.567)	4	6	3	38	3	B	966312
0.57	(0.577)	4	6	3	38	3	B	326970
0.58	(0.587)	4	6	3	38	3	B	200003
0.59	(0.597)	4	6	3	38	3	B	200006
0.60	(0.607)	4	6	3	38	3	B	200002
0.61	(0.617)	4	7	3	38	3	B	964889
0.62	(0.627)	4	7	3	38	3	B	200010
0.63	(0.637)	4	7	3	38	3	B	965815
0.64	(0.647)	4	7	3	38	3	B	200015
0.65	(0.657)	4	7	3	38	3	B	200008
0.66	(0.667)	4	7	3	38	3	B	200012
0.67	(0.677)	4	7	3	38	3	B	200013
0.68	(0.687)	4	7	3	38	3	B	200011
0.69	(0.697)	4	7	3	38	3	B	200014
0.70	(0.707)	4	7	3	38	3	B	200009
0.71	(0.717)	4	8	3	38	3	B	955902
0.72	(0.727)	4	8	3	38	3	B	200018
0.73	(0.737)	4	8	3	38	3	B	959571
0.74	(0.747)	4	8	3	38	3	B	200022
0.75	(0.757)	4	8	3	38	3	B	200016
0.76	(0.767)	4	8	3	38	3	B	961872
0.77	(0.777)	4	8	3	38	3	B	200020
0.78	(0.787)	4	8	3	38	3	B	200019
0.79	(0.797)	4	8	3	38	3	B	200021
0.80	(0.807)	4	8	3	38	3	B	200017

D nom. H7 $\pm 1.5\mu\text{m}$ D₁ L₁ L₂ D_{h5} L Z Ref. CARBURE

0.81	(0.817)	5	9	3	38	3	B	964624
0.82	(0.827)	5	9	3	38	3	B	200025
0.83	(0.837)	5	9	3	38	3	B	200029
0.84	(0.847)	5	9	3	38	3	B	200028
0.85	(0.857)	5	9	3	38	3	B	200023
0.86	(0.867)	5	9	3	38	3	B	200030
0.87	(0.877)	5	9	3	38	3	B	200031
0.88	(0.887)	5	9	3	38	3	B	200026
0.89	(0.897)	5	9	3	38	3	B	200027
0.90	(0.907)	5	9	3	38	3	B	200024
0.91	(0.917)	5	10	3	38	3	B	200039
0.92	(0.927)	5	10	3	38	3	B	200035
0.93	(0.937)	5	10	3	38	3	B	960023
0.94	(0.947)	5	10	3	38	3	B	963188
0.95	(0.957)	5	10	3	38	3	B	200034
0.96	(0.967)	5	10	3	38	3	B	200036
0.97	(0.977)	5	10	3	38	3	B	200037
0.98	(0.987)	5	10	3	38	3	B	200032
0.99	(0.997)	5	10	3	38	3	B	200033
1.00	(1.007)	5	10	3	38	3	B	200038
1.01	(1.017)	5	11	3	38	3	B	959800
1.02	(1.027)	5	11	3	38	3	B	200040
1.03	(1.037)	5	11	3	38	3	B	966908
1.04	(1.047)	5	11	3	38	3	B	962626
1.05	(1.057)	5	11	3	38	3	B	200041
1.06	(1.067)	5	11	3	38	3	B	966799
1.07	(1.077)	5	11	3	38	3	B	968047
1.08	(1.087)	5	11	3	38	3	B	200042
1.09	(1.097)	5	12	3	38	3	B	955685
1.10	(1.107)	5	12	3	38	3	B	200045
1.11	(1.117)	5	12	3	38	3	B	951529
1.12	(1.127)	5	12	3	38	3	B	951598
1.13	(1.137)	5	12	3	38	3	B	968503
1.14	(1.147)	5	12	3	38	3	B	968504
1.15	(1.157)	5	12	3	38	3	B	200043
1.16	(1.167)	5	12	3	38	3	B	967147
1.17	(1.177)	5	12	3	38	3	B	956647
1.18	(1.187)	5	12	3	38	3	B	67307
1.19	(1.197)	5	12	3	38	3	B	960753
1.20	(1.207)	5	12	3	38	3	B	200044
1.21	(1.217)	6	13	3	38	3	B	67308

Tout Ø avec tolérance $\pm 2\mu\text{m}$ livrable sur demande
via notre service rapide





P. 370



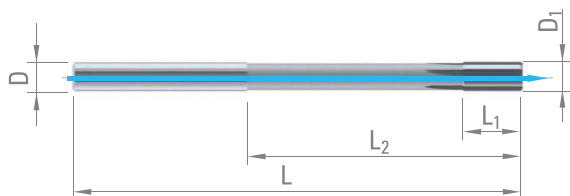
> Ø 2.98



Ref. A



Ref. B



D nom. H7 $\pm 1.5\mu\text{m}$ D₁ L₁ L₂ D_{h5} L Z Ref. CARBURE

1.22	(1.227)	6	13	3	38	3	B	968605
1.23	(1.237)	6	13	3	38	3	B	968606
1.24	(1.247)	6	13	3	38	3	B	968607
1.25	(1.257)	6	13	3	38	3	B	200046
1.26	(1.267)	6	13	3	38	3	B	968608
1.27	(1.277)	6	13	3	38	3	B	964024
1.28	(1.287)	6	13	3	38	3	B	200048
1.29	(1.297)	6	13	3	38	3	B	950915
1.30	(1.307)	6	13	3	38	3	B	200047
1.31	(1.317)	6	13	3	38	3	B	959472
1.32	(1.327)	6	13	3	38	3	B	961369
1.33	(1.337)	6	13	3	38	3	B	961963
1.34	(1.347)	6	13	3	38	3	B	326971
1.35	(1.357)	6	13	3	38	3	B	200049
1.36	(1.367)	6	13	3	38	3	B	968242
1.37	(1.377)	6	13	3	38	3	B	960591
1.38	(1.387)	6	13	3	38	3	B	966541
1.39	(1.397)	6	13	3	38	3	B	960202
1.40	(1.407)	6	13	3	38	3	B	200050
1.41	(1.417)	7	15	3	38	3	B	957425
1.42	(1.427)	7	15	3	38	3	B	955757
1.43	(1.437)	7	15	3	38	3	B	955746
1.44	(1.447)	7	15	3	38	3	B	961345
1.45	(1.457)	7	15	3	38	3	B	200053
1.46	(1.467)	7	15	3	38	3	B	66791
1.47	(1.477)	7	15	3	38	3	B	961456
1.48	(1.487)	7	15	3	38	3	B	200051
1.49	(1.497)	7	15	3	38	3	B	200052
1.50	(1.507)	7	15	3	38	3	B	200054
1.51	(1.517)	7	15	3	50	3	B	200104
1.52	(1.527)	7	15	3	50	3	B	200105
1.53	(1.537)	7	15	3	50	3	B	960836
1.54	(1.547)	7	15	3	50	3	B	63795
1.55	(1.557)	7	15	3	50	3	B	200125
1.56	(1.567)	7	15	3	50	3	B	973910
1.57	(1.577)	7	15	3	50	3	B	963006
1.58	(1.587)	7	15	3	50	3	B	961472
1.59	(1.597)	7	15	3	50	3	B	959620
1.60	(1.607)	7	15	3	50	3	B	200111
1.61	(1.617)	7	16	3	50	3	B	59391
1.62	(1.627)	7	16	3	50	3	B	955366
1.63	(1.637)	7	16	3	50	3	B	326972
1.64	(1.647)	7	16	3	50	3	B	326973
1.65	(1.657)	7	16	3	50	3	B	200124
1.66	(1.667)	7	16	3	50	3	B	991141
1.67	(1.677)	7	16	3	50	3	B	965451
1.68	(1.687)	7	16	3	50	3	B	326974

D nom. H7 $\pm 1.5\mu\text{m}$ D₁ L₁ L₂ D_{h5} L Z Ref. CARBURE

1.69	(1.697)	7	16	3	50	3	B	952172
1.70	(1.707)	7	16	3	50	3	B	200126
1.71	(1.717)	7	17	3	50	3	B	66359
1.72	(1.727)	7	17	3	50	3	B	959573
1.73	(1.737)	7	17	3	50	3	B	326975
1.74	(1.747)	7	17	3	50	3	B	968498
1.75	(1.757)	7	17	3	50	3	B	200127
1.76	(1.767)	7	17	3	50	3	B	974605
1.77	(1.777)	7	17	3	50	3	B	961458
1.78	(1.787)	7	17	3	50	3	B	63459
1.79	(1.797)	7	17	3	50	3	B	200146
1.80	(1.807)	7	17	3	50	3	B	200112
1.81	(1.817)	8	17	3	50	3	B	962183
1.82	(1.827)	8	17	3	50	3	B	960953
1.83	(1.837)	8	17	3	50	3	B	951867
1.84	(1.847)	8	17	3	50	3	B	326976
1.85	(1.857)	8	17	3	50	3	B	200113
1.86	(1.867)	8	17	3	50	3	B	964274
1.87	(1.877)	8	17	3	50	3	B	326977
1.88	(1.887)	8	17	3	50	3	B	954731
1.89	(1.897)	8	17	3	50	3	B	200137
1.90	(1.907)	8	17	3	50	3	B	200114
1.91	(1.917)	8	18	3	50	3	B	982028
1.92	(1.927)	8	18	3	50	3	B	326978
1.93	(1.937)	8	18	3	50	3	B	326979
1.94	(1.947)	8	18	3	50	3	B	67301
1.95	(1.957)	8	18	3	50	3	B	200115
1.96	(1.967)	8	18	3	50	3	B	200145
1.97	(1.977)	8	18	3	50	3	B	200106
1.98	(1.987)	8	18	3	50	3	B	200107
1.99	(1.997)	8	18	3	50	3	B	200108
2.00	(2.007)	8	18	3	50	3	B	200102
2.01	(2.017)	8	18	3	50	3	B	200109
2.02	(2.027)	8	18	3	50	3	B	200110
2.03	(2.037)	8	18	3	50	3	B	63271
2.04	(2.047)	8	18	3	50	3	B	200147
2.05	(2.057)	8	18	3	50	3	B	200121
2.06	(2.067)	8	18	3	50	3	B	954744
2.07	(2.077)	8	18	3	50	3	B	63796
2.08	(2.087)	8	18	3	50	3	B	57717
2.09	(2.097)	8	18	3	50	3	B	957058
2.10	(2.107)	8	18	3	50	3	B	200144
2.11	(2.117)	8	18	3	50	3	B	952428
2.12	(2.127)	8	18	3	50	3	B	952429
2.13	(2.137)	8	18	3	50	3	B	967590
2.14	(2.147)	8	18	3	50	3	B	968815
2.15	(2.157)	8	18	3	50	3	B	200120

Acier + Pb	Acier > 600MPa	Acier fort. allié	Acier inox aust.	Fontes
Super alliages Ni / Co	Titane, alliage de titane	Alliage Cu Argent Or	Alliage Cu difficile	Alu
Plastique				





P. 370



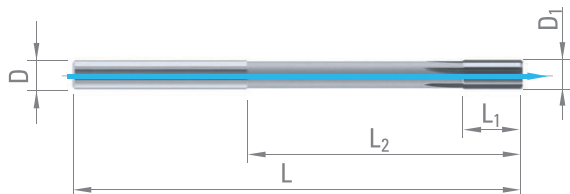
> Ø 2.98



Ref. A



Ref. B



D nom. H7 D₁ ± 1.5µm L₁ L₂ D_{h5} L Z Ref. CARBURE

2.16	(2.167)	8	18	3	50	3	B	968156
2.17	(2.177)	8	18	3	50	3	B	959096
2.18	(2.187)	8	18	3	50	3	B	968449
2.19	(2.197)	8	18	3	50	3	B	952213
2.20	(2.207)	8	18	3	50	3	B	200139
2.21	(2.217)	8	18	3	50	3	B	968816
2.22	(2.227)	8	18	3	50	3	B	953362
2.23	(2.237)	8	18	3	50	3	B	326980
2.24	(2.247)	8	18	3	50	3	B	326981
2.25	(2.257)	8	18	3	50	3	B	200119
2.26	(2.267)	8	18	3	50	3	B	326982
2.27	(2.277)	8	18	3	50	3	B	956015
2.28	(2.287)	8	18	3	50	3	B	326983
2.29	(2.297)	8	18	3	50	3	B	985826
2.30	(2.307)	8	18	3	50	3	B	200131
2.31	(2.317)	10	20	3	50	3	B	951944
2.32	(2.327)	10	20	3	50	3	B	200135
2.33	(2.337)	10	20	3	50	3	B	957326
2.34	(2.347)	10	20	3	50	3	B	956298
2.35	(2.357)	10	20	3	50	3	B	200130
2.36	(2.367)	10	20	3	50	3	B	955027
2.37	(2.377)	10	20	3	50	3	B	958068
2.38	(2.387)	10	20	3	50	3	B	962361
2.39	(2.397)	10	20	3	50	3	B	965907
2.40	(2.407)	10	20	3	50	3	B	200129
2.41	(2.417)	10	20	3	50	3	B	950038
2.42	(2.427)	10	20	3	50	3	B	950039
2.43	(2.437)	10	20	3	50	3	B	955020
2.44	(2.447)	10	20	3	50	3	B	962239
2.45	(2.457)	10	20	3	50	3	B	200128
2.46	(2.467)	10	20	3	50	3	B	326984
2.47	(2.477)	10	20	3	50	3	B	959535
2.48	(2.487)	10	20	3	50	3	B	200140
2.49	(2.497)	10	20	3	50	3	B	200141
2.50	(2.507)	10	20	3	50	3	B	200103
2.51	(2.517)	10	20	3	61	4	B	200142
2.52	(2.527)	10	20	3	61	4	B	200143
2.53	(2.537)	10	20	3	61	4	B	954733
2.54	(2.547)	10	20	3	61	4	B	955042
2.55	(2.557)	10	20	3	61	4	B	200118
2.56	(2.567)	10	20	3	61	4	B	326985
2.57	(2.577)	10	20	3	61	4	B	326986
2.58	(2.587)	10	20	3	61	4	B	958772
2.59	(2.597)	10	20	3	61	4	B	971141
2.60	(2.607)	10	20	3	61	4	B	200117
2.61	(2.617)	10	25	3	61	4	B	970909
2.62	(2.627)	10	25	3	61	4	B	952158

D nom. H7 D₁ ± 1.5µm L₁ L₂ D_{h5} L Z Ref. CARBURE

2.63	(2.637)	10	25	3	61	4	B	326987
2.64	(2.647)	10	25	3	61	4	B	962551
2.65	(2.657)	10	25	3	61	4	B	200116
2.66	(2.667)	10	25	3	61	4	B	954075
2.67	(2.677)	10	25	3	61	4	B	200136
2.68	(2.687)	10	25	3	61	4	B	954450
2.69	(2.697)	10	25	3	61	4	B	991586
2.70	(2.707)	10	25	3	61	4	B	200123
2.71	(2.717)	10	25	3	61	4	B	954783
2.72	(2.727)	10	25	3	61	4	B	326988
2.73	(2.737)	10	25	3	61	4	B	326989
2.74	(2.747)	10	25	3	61	4	B	969786
2.75	(2.757)	10	25	3	61	4	B	200122
2.76	(2.767)	10	25	3	61	4	B	326990
2.77	(2.777)	10	25	3	61	4	B	326991
2.78	(2.787)	10	25	3	61	4	B	954734
2.79	(2.797)	10	25	3	61	4	B	965219
2.80	(2.807)	10	25	3	61	4	B	200138
2.81	(2.817)	10	25	3	61	4	B	953881
2.82	(2.827)	10	25	3	61	4	B	960888
2.83	(2.837)	10	25	3	61	4	B	326992
2.84	(2.847)	10	25	3	61	4	B	326993
2.85	(2.857)	10	25	3	61	4	B	200132
2.86	(2.867)	10	25	3	61	4	B	326994
2.87	(2.877)	10	25	3	61	4	B	326995
2.88	(2.887)	10	25	3	61	4	B	326996
2.89	(2.897)	10	25	3	61	4	B	953937
2.90	(2.907)	10	25	3	61	4	B	200133
2.91	(2.917)	10	25	3	61	4	B	964090
2.92	(2.927)	10	25	3	61	4	B	66683
2.93	(2.937)	10	25	3	61	4	B	326997
2.94	(2.947)	10	25	3	61	4	B	326998
2.95	(2.957)	10	25	3	61	4	B	200134
2.96	(2.967)	10	25	3	61	4	B	961012
2.97	(2.977)	10	25	3	61	4	B	959664
2.98	(2.987)	10	25	3	70	6	B	321202
2.99	(2.997)	10	25	3	70	6	B	321203
3.00	(3.007)	10	25	3	70	6	B	321204
3.01	(3.018)	10	25	3	70	6	B	321205
3.02	(3.028)	10	25	3	70	6	B	321206
3.03	(3.038)	10	25	3	70	6	B	321207
3.04	(3.048)	10	25	3	70	6	B	321208
3.05	(3.058)	10	25	3	70	6	B	321209
3.06	(3.068)	10	25	3	70	6	B	321210
3.07	(3.078)	10	25	3	70	6	B	321211
3.08	(3.088)	10	25	3	70	6	B	321212
3.09	(3.098)	10	25	3	70	6	B	321213





P. 370



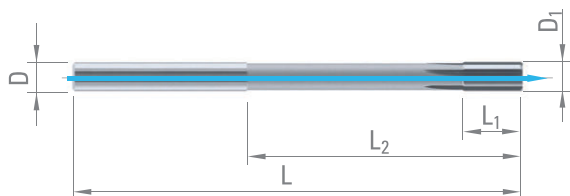
> Ø 2.98



Ref. A



Ref. B



D nom. H7 D₁ ± 1.5µm L₁ L₂ D_{h5} L Z Ref. CARBURE

3.10	(3.108)	10	-	3	70	6	A	321214
3.11	(3.118)	10	-	3	70	6	A	321215
3.12	(3.128)	10	-	3	70	6	A	321216
3.13	(3.138)	10	-	3	70	6	A	321217
3.14	(3.148)	10	-	3	70	6	A	321218
3.15	(3.158)	10	-	3	70	6	A	321219
3.16	(3.168)	10	-	3	70	6	A	321220
3.17	(3.178)	10	-	3	70	6	A	321221
3.18	(3.188)	10	-	3	70	6	A	321222
3.19	(3.198)	10	-	3	70	6	A	321223
3.20	(3.208)	10	-	3	70	6	A	321224
3.21	(3.218)	10	-	3	70	6	A	321225
3.22	(3.228)	10	-	3	70	6	A	321226
3.23	(3.238)	10	-	3	70	6	A	321227
3.24	(3.248)	10	-	3	70	6	A	321228
3.25	(3.258)	10	-	3	70	6	A	321229
3.26	(3.268)	10	-	3	70	6	A	321230
3.27	(3.278)	10	-	3	70	6	A	321231
3.28	(3.288)	10	-	3	70	6	A	321232
3.29	(3.298)	10	-	3	70	6	A	321233
3.30	(3.308)	10	-	3	70	6	A	321234
3.31	(3.318)	10	-	3	70	6	A	321235
3.32	(3.328)	10	-	3	70	6	A	321236
3.33	(3.338)	10	-	3	70	6	A	321237
3.34	(3.348)	10	-	3	70	6	A	321238
3.35	(3.358)	10	-	3	70	6	A	321239
3.36	(3.368)	10	-	3	70	6	A	321240
3.37	(3.378)	10	-	3	70	6	A	321241
3.38	(3.388)	10	-	3	70	6	A	321242
3.39	(3.398)	10	-	3	70	6	A	321243
3.40	(3.408)	10	-	3	70	6	A	321244
3.41	(3.418)	10	-	3	70	6	A	321245
3.42	(3.428)	10	-	3	70	6	A	321246
3.43	(3.438)	10	-	3	70	6	A	321247
3.44	(3.448)	10	-	3	70	6	A	321248
3.45	(3.458)	10	-	3	70	6	A	321249
3.46	(3.468)	10	-	3	70	6	A	321250
3.47	(3.478)	10	-	3	70	6	A	321251
3.48	(3.488)	10	-	3	70	6	A	321252
3.49	(3.498)	10	-	3	70	6	A	321253
3.50	(3.508)	10	-	3	70	6	A	321254
3.51	(3.518)	10	-	3	70	6	A	321255
3.52	(3.528)	10	-	3	70	6	A	321256
3.53	(3.538)	10	-	3	70	6	A	321257
3.54	(3.548)	10	-	3	70	6	A	321258
3.55	(3.558)	10	-	3	70	6	A	321259
3.56	(3.568)	10	-	3	70	6	A	321260

D nom. H7 D₁ ± 1.5µm L₁ L₂ D_{h5} L Z Ref. CARBURE

3.57	(3.578)	10	-	3	70	6	A	321261
3.58	(3.588)	10	-	3	70	6	A	321262
3.59	(3.598)	10	-	3	70	6	A	321263
3.60	(3.608)	10	-	3	70	6	A	321264
3.61	(3.618)	10	-	3	70	6	A	321265
3.62	(3.628)	10	-	3	70	6	A	321266
3.63	(3.638)	10	-	3	70	6	A	321267
3.64	(3.648)	10	-	3	70	6	A	321268
3.65	(3.658)	10	-	3	70	6	A	321269
3.66	(3.668)	10	-	3	70	6	A	321270
3.67	(3.678)	10	-	3	70	6	A	321271
3.68	(3.688)	10	-	3	70	6	A	321272
3.69	(3.698)	10	-	3	70	6	A	321273
3.70	(3.708)	10	-	3	70	6	A	321274
3.71	(3.718)	10	-	3	70	6	A	321275
3.72	(3.728)	10	-	3	70	6	A	321276
3.73	(3.738)	10	-	3	70	6	A	321277
3.74	(3.748)	10	-	3	70	6	A	321278
3.75	(3.758)	10	-	3	70	6	A	321279
3.76	(3.768)	10	-	3	70	6	A	321280
3.77	(3.778)	10	-	3	70	6	A	321281
3.78	(3.788)	10	-	3	70	6	A	321282
3.79	(3.798)	10	-	3	70	6	A	321283
3.80	(3.808)	10	-	3	70	6	A	321284
3.81	(3.818)	10	-	3	70	6	A	321285
3.82	(3.828)	10	-	3	70	6	A	321286
3.83	(3.838)	10	-	3	70	6	A	321287
3.84	(3.848)	10	-	3	70	6	A	321288
3.85	(3.858)	10	-	3	70	6	A	321289
3.86	(3.868)	10	-	3	70	6	A	321290
3.87	(3.878)	10	-	3	70	6	A	321291
3.88	(3.888)	10	-	3	70	6	A	321292
3.89	(3.898)	10	-	3	70	6	A	321293
3.90	(3.908)	10	-	3	70	6	A	321294
3.91	(3.918)	10	-	3	70	6	A	321295
3.92	(3.928)	10	-	3	70	6	A	321296
3.93	(3.938)	10	-	3	70	6	A	321297
3.94	(3.948)	10	-	3	70	6	A	321298
3.95	(3.958)	10	-	3	70	6	A	321299
3.96	(3.968)	10	-	3	70	6	A	321300
3.97	(3.978)	10	-	3	70	6	A	321301
3.98	(3.988)	10	-	3	70	6	A	321302
3.99	(3.998)	10	-	3	70	6	A	321303
4.00	(4.008)	10	-	3	70	6	A	321304
4.01	(4.018)	10	-	3	70	6	A	321305
4.02	(4.028)	10	-	3	70	6	A	321306
4.03	(4.038)	10	-	3	70	6	A	321307

Acier + Pb	Acier > 600MPa	Acier fort. allié	Acier inox aust.	Fontes
Super alliages Ni / Co	Titane, alliage de titane	Alliage Cu Argent Or	Alliage Cu difficile	Alu
Plastique				





P. 370



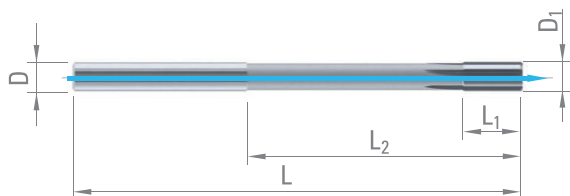
> Ø 2.98



Ref. A



Ref. B



D nom. H7 D₁ ± 1.5µm L₁ L₂ D_{h5} L Z Ref. CARBURE

4.04	(4.048)	10	-	3	70	6	A	321308
4.05	(4.058)	10	-	3	70	6	A	321309
4.06	(4.068)	10	-	3	70	6	A	321310
4.07	(4.078)	10	-	3	70	6	A	321311
4.08	(4.088)	10	-	3	70	6	A	321312
4.09	(4.098)	10	-	3	70	6	A	321313
4.10	(4.108)	12	-	4	80	6	A	321314
4.11	(4.118)	12	-	4	80	6	A	321315
4.12	(4.128)	12	-	4	80	6	A	321316
4.13	(4.138)	12	-	4	80	6	A	321317
4.14	(4.148)	12	-	4	80	6	A	321318
4.15	(4.158)	12	-	4	80	6	A	321319
4.16	(4.168)	12	-	4	80	6	A	321320
4.17	(4.178)	12	-	4	80	6	A	321321
4.18	(4.188)	12	-	4	80	6	A	321322
4.19	(4.198)	12	-	4	80	6	A	321323
4.20	(4.208)	12	-	4	80	6	A	321324
4.21	(4.218)	12	-	4	80	6	A	321325
4.22	(4.228)	12	-	4	80	6	A	321326
4.23	(4.238)	12	-	4	80	6	A	321327
4.24	(4.248)	12	-	4	80	6	A	321328
4.25	(4.258)	12	-	4	80	6	A	321329
4.26	(4.268)	12	-	4	80	6	A	321330
4.27	(4.278)	12	-	4	80	6	A	321331
4.28	(4.288)	12	-	4	80	6	A	321332
4.29	(4.298)	12	-	4	80	6	A	321333
4.30	(4.308)	12	-	4	80	6	A	321334
4.31	(4.318)	12	-	4	80	6	A	321335
4.32	(4.328)	12	-	4	80	6	A	321336
4.33	(4.338)	12	-	4	80	6	A	321337
4.34	(4.348)	12	-	4	80	6	A	321338
4.35	(4.358)	12	-	4	80	6	A	321339
4.36	(4.368)	12	-	4	80	6	A	321340
4.37	(4.378)	12	-	4	80	6	A	321341
4.38	(4.388)	12	-	4	80	6	A	321342
4.39	(4.398)	12	-	4	80	6	A	321343
4.40	(4.408)	12	-	4	80	6	A	321344
4.41	(4.418)	12	-	4	80	6	A	321345
4.42	(4.428)	12	-	4	80	6	A	321346
4.43	(4.438)	12	-	4	80	6	A	321347
4.44	(4.448)	12	-	4	80	6	A	321348
4.45	(4.458)	12	-	4	80	6	A	321349
4.46	(4.468)	12	-	4	80	6	A	321350
4.47	(4.478)	12	-	4	80	6	A	321351
4.48	(4.488)	12	-	4	80	6	A	321352
4.49	(4.498)	12	-	4	80	6	A	321353
4.50	(4.508)	12	-	4	80	6	A	321354

D nom. H7 D₁ ± 1.5µm L₁ L₂ D_{h5} L Z Ref. CARBURE

4.51	(4.518)	12	-	4	80	6	A	321355
4.52	(4.528)	12	-	4	80	6	A	321356
4.53	(4.538)	12	-	4	80	6	A	321357
4.54	(4.548)	12	-	4	80	6	A	321358
4.55	(4.558)	12	-	4	80	6	A	321359
4.56	(4.568)	12	-	4	80	6	A	321360
4.57	(4.578)	12	-	4	80	6	A	321361
4.58	(4.588)	12	-	4	80	6	A	321362
4.59	(4.598)	12	-	4	80	6	A	321363
4.60	(4.608)	12	-	4	80	6	A	321364
4.61	(4.618)	12	-	4	80	6	A	321365
4.62	(4.628)	12	-	4	80	6	A	321366
4.63	(4.638)	12	-	4	80	6	A	321367
4.64	(4.648)	12	-	4	80	6	A	321368
4.65	(4.658)	12	-	4	80	6	A	321369
4.66	(4.668)	12	-	4	80	6	A	321370
4.67	(4.678)	12	-	4	80	6	A	321371
4.68	(4.688)	12	-	4	80	6	A	321372
4.69	(4.698)	12	-	4	80	6	A	321373
4.70	(4.708)	12	-	4	80	6	A	321374
4.71	(4.718)	12	-	4	80	6	A	321375
4.72	(4.728)	12	-	4	80	6	A	321376
4.73	(4.738)	12	-	4	80	6	A	321377
4.74	(4.748)	12	-	4	80	6	A	321378
4.75	(4.758)	12	-	4	80	6	A	321379
4.76	(4.768)	12	-	4	80	6	A	321380
4.77	(4.778)	12	-	4	80	6	A	321381
4.78	(4.788)	12	-	4	80	6	A	321382
4.79	(4.798)	12	-	4	80	6	A	321383
4.80	(4.808)	12	-	4	80	6	A	321384
4.81	(4.818)	12	-	4	80	6	A	321385
4.82	(4.828)	12	-	4	80	6	A	321386
4.83	(4.838)	12	-	4	80	6	A	321387
4.84	(4.848)	12	-	4	80	6	A	321388
4.85	(4.858)	12	-	4	80	6	A	321389
4.86	(4.868)	12	-	4	80	6	A	321390
4.87	(4.878)	12	-	4	80	6	A	321391
4.88	(4.888)	12	-	4	80	6	A	321392
4.89	(4.898)	12	-	4	80	6	A	321393
4.90	(4.908)	12	-	4	80	6	A	321394
4.91	(4.918)	12	-	4	80	6	A	321395
4.92	(4.928)	12	-	4	80	6	A	321396
4.93	(4.938)	12	-	4	80	6	A	321397
4.94	(4.948)	12	-	4	80	6	A	321398
4.95	(4.958)	12	-	4	80	6	A	321399
4.96	(4.968)	12	-	4	80	6	A	321400
4.97	(4.978)	12	-	4	80	6	A	321401





P. 370



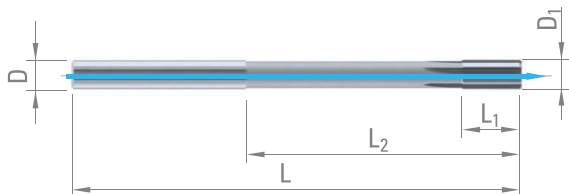
> Ø 2.98



Ref. A



Ref. B



D nom. H7 D₁ ± 1.5µm L₁ L₂ D_{h5} L Z Ref. CARBURE

4.98	(4.988)	12	-	4	80	6	A	321402
4.99	(4.998)	12	-	4	80	6	A	321403
5.00	(5.008)	12	-	4	80	6	A	321404
5.01	(5.018)	12	-	4	80	6	A	321405
5.02	(5.028)	12	-	4	80	6	A	321406
5.03	(5.038)	12	-	4	80	6	A	321407
5.04	(5.048)	12	-	4	80	6	A	321408
5.05	(5.058)	12	-	4	80	6	A	321409
5.06	(5.068)	12	-	4	80	6	A	321410
5.07	(5.078)	12	-	4	80	6	A	321411
5.08	(5.088)	12	-	4	80	6	A	321412
5.09	(5.098)	12	-	4	80	6	A	321413
5.10	(5.108)	12	-	4	80	6	A	321414
5.11	(5.118)	12	-	4	80	6	A	321415
5.12	(5.128)	12	-	4	80	6	A	321416
5.13	(5.138)	12	-	4	80	6	A	321417
5.14	(5.148)	12	-	4	80	6	A	321418
5.15	(5.158)	12	-	4	80	6	A	321419
5.16	(5.168)	12	-	4	80	6	A	321420
5.17	(5.178)	12	-	4	80	6	A	321421
5.18	(5.188)	12	-	4	80	6	A	321422
5.19	(5.198)	12	-	4	80	6	A	321423
5.20	(5.208)	12	-	4	80	6	A	321424
5.21	(5.218)	12	-	4	80	6	A	321425
5.22	(5.228)	12	-	4	80	6	A	321426
5.23	(5.238)	12	-	4	80	6	A	321427
5.24	(5.248)	12	-	4	80	6	A	321428
5.25	(5.258)	12	-	4	80	6	A	321429
5.26	(5.268)	12	-	4	80	6	A	321430
5.27	(5.278)	12	-	4	80	6	A	321431
5.28	(5.288)	12	-	4	80	6	A	321432
5.29	(5.298)	12	-	4	80	6	A	321433
5.30	(5.308)	12	-	4	80	6	A	321434
5.31	(5.318)	12	-	4	80	6	A	321435
5.32	(5.328)	12	-	4	80	6	A	321436
5.33	(5.338)	12	-	4	80	6	A	321437
5.34	(5.348)	12	-	4	80	6	A	321438
5.35	(5.358)	12	-	4	80	6	A	321439
5.36	(5.368)	12	-	4	80	6	A	321440
5.37	(5.378)	12	-	4	80	6	A	321441
5.38	(5.388)	12	-	4	80	6	A	321442
5.39	(5.398)	12	-	4	80	6	A	321443
5.40	(5.408)	12	-	4	80	6	A	321444
5.41	(5.418)	12	-	4	80	6	A	321445
5.42	(5.428)	12	-	4	80	6	A	321446
5.43	(5.438)	12	-	4	80	6	A	321447
5.44	(5.448)	12	-	4	80	6	A	321448

D nom. H7 D₁ ± 1.5µm L₁ L₂ D_{h5} L Z Ref. CARBURE

5.45	(5.458)	12	-	4	80	6	A	321449
5.46	(5.468)	12	-	4	80	6	A	321450
5.47	(5.478)	12	-	4	80	6	A	321451
5.48	(5.488)	12	-	4	80	6	A	321452
5.49	(5.498)	12	-	4	80	6	A	321453
5.50	(5.508)	12	-	4	80	6	A	321454
5.51	(5.518)	12	-	4	80	6	A	321455
5.52	(5.528)	12	-	4	80	6	A	321456
5.53	(5.538)	12	-	4	80	6	A	321457
5.54	(5.548)	12	-	4	80	6	A	321458
5.55	(5.558)	12	-	4	80	6	A	321459
5.56	(5.568)	12	-	4	80	6	A	321460
5.57	(5.578)	12	-	4	80	6	A	321461
5.58	(5.588)	12	-	4	80	6	A	321462
5.59	(5.598)	12	-	4	80	6	A	321463
5.60	(5.608)	12	-	4	80	6	A	321464
5.61	(5.618)	12	-	4	80	6	A	321465
5.62	(5.628)	12	-	4	80	6	A	321466
5.63	(5.638)	12	-	4	80	6	A	321467
5.64	(5.648)	12	-	4	80	6	A	321468
5.65	(5.658)	12	-	4	80	6	A	321469
5.66	(5.668)	12	-	4	80	6	A	321470
5.67	(5.678)	12	-	4	80	6	A	321471
5.68	(5.688)	12	-	4	80	6	A	321472
5.69	(5.698)	12	-	4	80	6	A	321473
5.70	(5.708)	12	-	4	80	6	A	321474
5.71	(5.718)	12	-	4	80	6	A	321475
5.72	(5.728)	12	-	4	80	6	A	321476
5.73	(5.738)	12	-	4	80	6	A	321477
5.74	(5.748)	12	-	4	80	6	A	321478
5.75	(5.758)	12	-	4	80	6	A	321479
5.76	(5.768)	12	-	4	80	6	A	321480
5.77	(5.778)	12	-	4	80	6	A	321481
5.78	(5.788)	12	-	4	80	6	A	321482
5.79	(5.798)	12	-	4	80	6	A	321483
5.80	(5.808)	12	-	4	80	6	A	321484
5.81	(5.818)	12	-	4	80	6	A	321485
5.82	(5.828)	12	-	4	80	6	A	321486
5.83	(5.838)	12	-	4	80	6	A	321487
5.84	(5.848)	12	-	4	80	6	A	321488
5.85	(5.858)	12	-	4	80	6	A	321489
5.86	(5.868)	12	-	4	80	6	A	321490
5.87	(5.878)	12	-	4	80	6	A	321491
5.88	(5.888)	12	-	4	80	6	A	321492
5.89	(5.898)	12	-	4	80	6	A	321493
5.90	(5.908)	12	-	4	80	6	A	321494
5.91	(5.918)	12	-	4	80	6	A	321495

Acier + Pb	Acier > 600MPa	Acier fort. allié	Acier inox aust.	Fontes
Super alliages Ni / Co	Titane, alliage de titane	Alliage Cu Argent Or	Alliage Cu difficile	Alu
Plastique				



P. 370



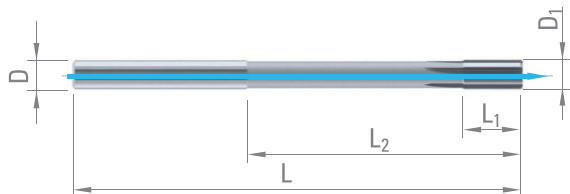
> Ø 2.98



Ref. A



Ref. B



D nom. H7 D₁ ± 1.5µm L₁ L₂ D_{h5} L Z Ref. CARBURE

5.92	(5.928)	12	-	4	80	6	A	321496
5.93	(5.938)	12	-	4	80	6	A	321497
5.94	(5.948)	12	-	4	80	6	A	321498
5.95	(5.958)	12	-	4	80	6	A	321499
5.96	(5.968)	12	-	4	80	6	A	321500
5.97	(5.978)	12	-	4	80	6	A	321501
5.98	(5.988)	12	-	4	80	6	A	321502
5.99	(5.998)	12	-	4	80	6	A	321503
6.00	(6.008)	12	-	4	80	6	A	321504
6.01	(6.020)	12	-	4	80	6	A	321505
6.02	(6.030)	12	-	4	80	6	A	321506
6.03	(6.040)	12	-	4	80	6	A	321507
6.04	(6.050)	12	-	4	80	6	A	321508
6.05	(6.060)	12	-	4	80	6	A	321509
6.06	(6.070)	12	-	4	80	6	A	321510
6.07	(6.080)	12	-	4	80	6	A	321511
6.08	(6.090)	12	-	4	80	6	A	321512
6.09	(6.100)	12	-	4	80	6	A	321513
6.10	(6.110)	12	-	4	80	6	A	321514
6.11	(6.120)	12	-	4	80	6	A	321515
6.12	(6.130)	12	-	4	80	6	A	321516
6.13	(6.140)	12	-	4	80	6	A	321517
6.14	(6.150)	12	-	4	80	6	A	321518
6.15	(6.160)	12	-	4	80	6	A	321519
6.16	(6.170)	12	-	4	80	6	A	321520
6.17	(6.180)	12	-	4	80	6	A	321521
6.18	(6.190)	12	-	4	80	6	A	321522
6.19	(6.200)	12	-	4	80	6	A	321523
6.20	(6.210)	16	-	6	101	6	A	341670
6.30	(6.310)	16	-	6	101	6	A	341680
6.35	(6.360)	16	-	6	101	6	A	341685
6.40	(6.410)	16	-	6	101	6	A	341690
6.48	(6.490)	16	-	6	101	6	A	341698
6.49	(6.500)	16	-	6	101	6	A	341699
6.50	(6.510)	16	-	6	101	6	A	341700
6.51	(6.520)	16	-	6	101	6	A	341701
6.52	(6.530)	16	-	6	101	6	A	341702
6.55	(6.560)	16	-	6	101	6	A	341705
6.60	(6.610)	16	-	6	101	6	A	341710
6.70	(6.710)	16	-	6	101	6	A	341720
6.80	(6.810)	16	-	6	101	6	A	341730
6.90	(6.910)	16	-	6	101	6	A	341740
7.00	(7.010)	16	-	6	101	6	A	341750
7.01	(7.020)	16	-	6	101	6	A	341751
7.02	(7.030)	16	-	6	101	6	A	341752
7.10	(7.110)	16	-	6	101	6	A	341760
7.20	(7.210)	16	-	6	101	6	A	341770

D nom. H7 D₁ ± 1.5µm L₁ L₂ D_{h5} L Z Ref. CARBURE

7.30	(7.310)	16	-	6	101	6	A	341780
7.40	(7.410)	16	-	6	101	6	A	341790
7.50	(7.510)	16	-	6	101	6	A	341800
7.60	(7.610)	16	-	6	101	6	A	341810
7.70	(7.710)	16	-	6	101	6	A	341820
7.80	(7.810)	16	-	6	101	6	A	341830
7.90	(7.910)	16	-	6	101	6	A	341840
7.98	(7.990)	16	-	6	101	6	A	341848
7.99	(8.000)	16	-	6	101	6	A	341849
8.00	(8.010)	16	-	6	101	6	A	341850
8.01	(8.020)	16	-	6	101	6	A	341851
8.02	(8.030)	16	-	6	101	6	A	341852
8.05	(8.060)	16	-	6	101	6	A	341855
8.10	(8.110)	16	-	6	117	6	A	341860
8.20	(8.210)	16	-	6	117	6	A	341870
8.30	(8.310)	16	-	6	117	6	A	341880
8.40	(8.410)	16	-	6	117	6	A	341890
8.50	(8.510)	16	-	6	117	6	A	341900
8.70	(8.710)	16	-	6	117	6	A	341920
9.00	(9.010)	16	-	6	117	6	A	341950
9.30	(9.310)	16	-	6	117	6	A	341980
9.50	(9.510)	16	-	6	117	6	A	342000
9.70	(9.710)	16	-	6	117	6	A	342020
9.98	(9.990)	16	-	6	117	6	A	342048
9.99	(10.000)	16	-	6	117	6	A	342049
10.00	(10.010)	16	-	6	117	6	A	342050
10.01	(10.020)	16	-	6	117	6	A	342051
10.02	(10.032)	19	87	10	133	6	B	952322
10.04	(10.052)	19	87	10	133	6	B	962649
10.05	(10.062)	19	87	10	133	6	B	962568
10.10	(10.112)	19	87	10	133	6	B	952765
10.40	(10.412)	19	87	10	133	6	B	968160
10.50	(10.512)	19	87	10	133	6	B	952766
10.60	(10.612)	19	87	10	133	6	B	952767
11.00	(11.012)	19	96	12	142	6	B	952768
11.50	(11.512)	19	96	12	142	6	B	952769
11.80	(11.812)	19	96	12	142	6	B	952770
12.00	(12.012)	19	105	12	151	6	B	952771
12.02	(12.032)	19	105	12	151	6	B	952772

Tout Ø avec tolérance ±2µm livrable sur demande
via notre service rapide

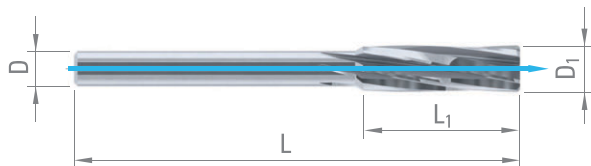


POLY 4005-TC

ALÉSOIRS HÉLICOÏDAUX,
HÉLICE À DROITE, COUPE À DROITE



P. 370

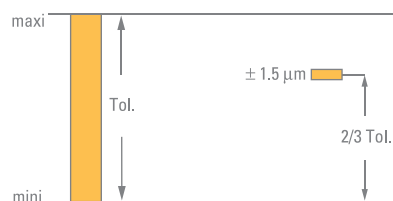


Acier + Pb	Acier > 600MPa	Acier fort. allié	Acier inox aust.	Fontes
Super alliages Ni / Co	Titane, alliage de titane	Alliage Cu Argent Or	Alliage Cu difficile	Alu
Plastique				

D nom. H7	D ₁ ± 1.5µm	L ₁	D _{h5}	L	Z	CARBURE
2.97	(2.977)	20	2.5	56	4	969074
2.99	(2.997)	20	2.5	56	4	969379
3.00	(3.007)	20	2.5	56	4	969382
3.01	(3.018)	20	2.5	56	4	969398
3.02	(3.028)	20	2.5	56	4	969399
3.05	(3.058)	20	2.5	56	4	969400
3.08	(3.088)	20	2.5	56	4	969401
3.10	(3.108)	20	2.5	56	4	969402
3.11	(3.118)	20	2.5	56	4	969403
3.15	(3.158)	20	2.5	56	4	969404
3.18	(3.188)	20	2.5	56	4	969405
3.20	(3.208)	20	2.5	56	4	969406
3.21	(3.218)	20	2.5	56	4	969407
3.25	(3.258)	20	2.5	56	4	969408
3.28	(3.288)	20	2.5	56	4	969409
3.30	(3.308)	20	2.5	56	4	969410
3.31	(3.318)	20	2.5	56	4	969411
3.35	(3.358)	20	2.5	56	4	969412
3.38	(3.388)	20	2.5	56	4	969413
3.40	(3.408)	20	2.5	56	4	969414
3.41	(3.418)	20	2.5	56	4	969415
3.45	(3.458)	20	2.5	56	4	969416
3.49	(3.498)	20	2.5	56	4	969417
3.50	(3.508)	20	3.0	56	4	969418
3.51	(3.518)	20	3.0	56	4	969421
3.55	(3.558)	20	3.0	56	4	969422
3.58	(3.588)	20	3.0	56	4	969423
3.60	(3.608)	20	3.0	56	4	969424
3.61	(3.618)	20	3.0	56	4	969425
3.65	(3.658)	20	3.0	56	4	969426
3.68	(3.688)	20	3.0	56	4	969427
3.70	(3.708)	20	3.0	56	4	969428
3.71	(3.718)	20	3.0	56	4	969429

D nom. H7	D ₁ ± 1.5µm	L ₁	D _{h5}	L	Z	CARBURE
3.75	(3.758)	20	3.0	56	4	969430
3.78	(3.788)	20	3.0	56	4	969431
3.80	(3.808)	20	3.0	56	4	969432
3.85	(3.858)	20	3.0	56	4	969433
3.90	(3.908)	20	3.0	56	4	969434
3.95	(3.958)	20	3.0	56	4	969435
4.00	(4.008)	20	3.0	56	4	969436
4.04	(4.048)	22	3.5	63	6	993718
4.10	(4.108)	22	3.5	63	6	969437
4.20	(4.208)	22	3.5	63	6	969438
4.30	(4.308)	22	3.5	63	6	969439
4.40	(4.408)	22	3.5	63	6	969440
4.50	(4.508)	22	4.0	63	6	969441
4.60	(4.608)	22	4.0	63	6	969442
4.70	(4.708)	22	4.0	63	6	969443
4.80	(4.808)	22	4.0	63	6	969444
4.90	(4.908)	22	4.0	63	6	969445
5.00	(5.008)	22	4.0	63	6	969446
5.10	(5.108)	22	4.0	63	6	969447
5.20	(5.208)	22	4.0	63	6	969448
5.30	(5.308)	22	4.0	63	6	969449
5.40	(5.408)	22	4.0	63	6	969450
5.50	(5.508)	22	5.0	63	6	969451
5.60	(5.608)	22	5.0	63	6	969452
5.70	(5.708)	22	5.0	63	6	969453
5.80	(5.808)	22	5.0	63	6	969454
5.90	(5.908)	22	5.0	63	6	969455
6.00	(6.008)	22	5.0	63	6	969456
6.10	(6.110)	22	5.0	63	6	969457
6.20	(6.210)	22	5.0	63	6	969458
6.30	(6.310)	22	5.0	63	6	969459
6.40	(6.410)	22	5.0	63	6	969460
6.50	(6.510)	22	5.0	63	6	969461

Tout Ø avec tolérance ±2µm livrable sur demande
via notre service rapide

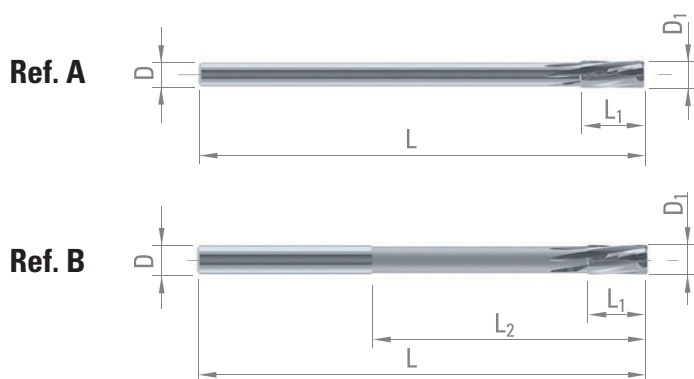


POLY 4007 - 4007-TC

ALÉSOIRS HÉLICOÏDAUX
HÉLICE À GAUCHE, COUPE À DROITE



P. 370



Acier + Pb	Acier > 600MPa	Acier fort. allié	Acier inox aust.	Fontes
Super alliages Ni / Co	Titane, alliage de titane	Alliage Cu Argent Or	Alliage Cu difficile	Alu
Plastique				

D _{10/+0.003}	L ₁	L ₂	D _{h5}	L	Z	Ref.	CARBURE
0.37	3	5	3	38	3	B	983079
0.38	3	5	3	38	3	B	326999
0.39	3	5	3	38	3	B	969543
0.40	3	5	3	38	3	B	200716
0.41	3	5	3	38	3	B	963823
0.42	3	5	3	38	3	B	200717
0.43	3	5	3	38	3	B	327000
0.44	3	5	3	38	3	B	200718
0.45	3	5	3	38	3	B	965207
0.46	3	5	3	38	3	B	200719
0.47	3	5	3	38	3	B	327001
0.48	3	5	3	38	3	B	200720
0.49	3	5	3	38	3	B	963716
0.50	3	5	3	38	3	B	200746
0.51	4	6	3	38	3	B	200745
0.52	4	6	3	38	3	B	200738
0.53	4	6	3	38	3	B	200742
0.54	4	6	3	38	3	B	200743
0.55	4	6	3	38	3	B	200739
0.56	4	6	3	38	3	B	968834
0.57	4	6	3	38	3	B	973253
0.58	4	6	3	38	3	B	200741
0.59	4	6	3	38	3	B	200744
0.60	4	6	3	38	3	B	200740
0.61	4	7	3	38	3	B	964652
0.62	4	7	3	38	3	B	200750
0.63	4	7	3	38	3	B	327002
0.64	4	7	3	38	3	B	200755
0.65	4	7	3	38	3	B	200748
0.66	4	7	3	38	3	B	200752
0.67	4	7	3	38	3	B	200753
0.68	4	7	3	38	3	B	200751
0.69	4	7	3	38	3	B	200754
0.70	4	7	3	38	3	B	200749
0.71	4	8	3	38	3	B	965167
0.72	4	8	3	38	3	B	200758
0.73	4	8	3	38	3	B	327003
0.74	4	8	3	38	3	B	200762
0.75	4	8	3	38	3	B	200756
0.76	4	8	3	38	3	B	327004
0.77	4	8	3	38	3	B	200760
0.78	4	8	3	38	3	B	200759
0.79	4	8	3	38	3	B	200761
0.80	4	8	3	38	3	B	200757
0.81	5	9	3	38	3	B	965168

D _{10/+0.003}	L ₁	L ₂	D _{h5}	L	Z	Ref.	CARBURE
0.82	5	9	3	38	3	B	200765
0.83	5	9	3	38	3	B	200769
0.84	5	9	3	38	3	B	200768
0.85	5	9	3	38	3	B	200763
0.86	5	9	3	38	3	B	200770
0.87	5	9	3	38	3	B	200771
0.88	5	9	3	38	3	B	200766
0.89	5	9	3	38	3	B	200767
0.90	5	9	3	38	3	B	200764
0.91	5	10	3	38	3	B	200733
0.92	5	10	3	38	3	B	200729
0.93	5	10	3	38	3	B	327005
0.94	5	10	3	38	3	B	327006
0.95	5	10	3	38	3	B	200728
0.96	5	10	3	38	3	B	200730
0.97	5	10	3	38	3	B	200731
0.98	5	10	3	38	3	B	200726
0.99	5	10	3	38	3	B	200727
1.00	5	10	3	38	3	B	200732
1.01	5	11	3	38	3	B	200715
1.02	5	11	3	38	3	B	200772
1.03	5	11	3	38	3	B	967191
1.04	5	11	3	38	3	B	327007
1.05	5	11	3	38	3	B	200773
1.06	5	11	3	38	3	B	327008
1.07	5	11	3	38	3	B	327009
1.08	5	11	3	38	3	B	200774
1.09	5	11	3	38	3	B	965169
1.10	5	11	3	38	3	B	200777
1.11	5	12	3	38	3	B	327010
1.12	5	12	3	38	3	B	327011
1.13	5	12	3	38	3	B	327012
1.14	5	12	3	38	3	B	327013
1.15	5	12	3	38	3	B	200775
1.16	5	12	3	38	3	B	327014
1.17	5	12	3	38	3	B	327015
1.18	5	12	3	38	3	B	63965
1.19	5	12	3	38	3	B	327016
1.20	5	12	3	38	3	B	200776
1.21	6	13	3	38	3	B	965171
1.22	6	13	3	38	3	B	327017
1.23	6	13	3	38	3	B	327018
1.24	6	13	3	38	3	B	327019
1.25	6	13	3	38	3	B	200778
1.26	6	13	3	38	3	B	963588

Tout Ø avec tolérance $\pm 2\mu\text{m}$ livrable sur demande via notre service rapide





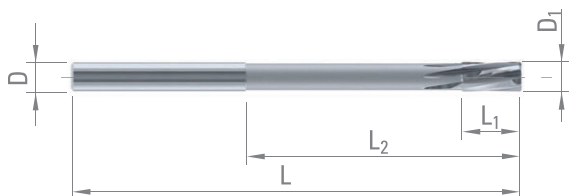
P. 370



Ref. A



Ref. B



Acier + Pb	Acier > 600MPa	Acier fort. allié	Acier inox aust.	Fontes
Super alliages Ni / Co	Titane, alliage de titane	Alliage Cu Argent Or	Alliage Cu difficile	Alu
Plastique				

D _{10/+0.003}	L ₁	L ₂	D _{h5}	L	Z	Ref.	CARBURE
1.27	6	13	3	38	3	B	972014
1.28	6	13	3	38	3	B	200780
1.29	6	13	3	38	3	B	327020
1.30	6	13	3	38	3	B	200779
1.31	6	13	3	38	3	B	967299
1.32	6	13	3	38	3	B	327021
1.33	6	13	3	38	3	B	327022
1.34	6	13	3	38	3	B	973390
1.35	6	13	3	38	3	B	200734
1.36	6	13	3	38	3	B	327023
1.37	6	13	3	38	3	B	327024
1.38	6	13	3	38	3	B	327025
1.39	6	13	3	38	3	B	327026
1.40	6	13	3	38	3	B	200735
1.41	7	15	3	38	3	B	327027
1.42	7	15	3	38	3	B	327028
1.43	7	15	3	38	3	B	327029
1.44	7	15	3	38	3	B	327030
1.45	7	15	3	38	3	B	200783
1.46	7	15	3	38	3	B	327031
1.47	7	15	3	38	3	B	327032
1.48	7	15	3	38	3	B	200781
1.49	7	15	3	38	3	B	200782
1.50	7	15	3	38	3	B	200784
1.51	7	15	3	50	3	B	200787
1.52	7	15	3	50	3	B	200788
1.53	7	15	3	50	3	B	327033
1.54	7	15	3	50	3	B	327034
1.55	7	15	3	50	3	B	200692
1.56	7	15	3	50	3	B	976176
1.57	7	15	3	50	3	B	964655
1.58	7	15	3	50	3	B	63966
1.59	7	15	3	50	3	B	965174
1.60	7	15	3	50	3	B	200794
1.61	7	16	3	50	3	B	965175
1.62	7	16	3	50	3	B	327035
1.63	7	16	3	50	3	B	327036
1.64	7	16	3	50	3	B	327037
1.65	7	16	3	50	3	B	200691
1.66	7	16	3	50	3	B	327038
1.67	7	16	3	50	3	B	327039
1.68	7	16	3	50	3	B	327040
1.69	7	16	3	50	3	B	965209
1.70	7	16	3	50	3	B	200693
1.71	7	17	3	50	3	B	327041
1.72	7	17	3	50	3	B	327042
1.73	7	17	3	50	3	B	327043

D _{10/+0.003}	L ₁	L ₂	D _{h5}	L	Z	Ref.	CARBURE
1.74	7	17	3	50	3	B	327044
1.75	7	17	3	50	3	B	200694
1.76	7	17	3	50	3	B	327045
1.77	7	17	3	50	3	B	327046
1.78	7	17	3	50	3	B	327047
1.79	7	17	3	50	3	B	200713
1.80	7	17	3	50	3	B	200795
1.81	8	17	3	50	3	B	327048
1.82	8	17	3	50	3	B	327049
1.83	8	17	3	50	3	B	971471
1.84	8	17	3	50	3	B	327050
1.85	8	17	3	50	3	B	200796
1.86	8	17	3	50	3	B	972720
1.87	8	17	3	50	3	B	964530
1.88	8	17	3	50	3	B	971918
1.89	8	17	3	50	3	B	200704
1.90	8	17	3	50	3	B	20079
1.91	8	18	3	50	3	B	965177
1.92	8	18	3	50	3	B	327051
1.93	8	18	3	50	3	B	327052
1.94	8	18	3	50	3	B	327053
1.95	8	18	3	50	3	B	200682
1.96	8	18	3	50	3	B	200712
1.97	8	18	3	50	3	B	200789
1.98	8	18	3	50	3	B	200790
1.99	8	18	3	50	3	B	200791
2.00	8	18	3	50	3	B	200785
2.01	8	18	3	50	3	B	200792
2.02	8	18	3	50	3	B	200793
2.03	8	18	3	50	3	B	327054
2.04	8	18	3	50	3	B	200714
2.05	8	18	3	50	3	B	200688
2.06	8	18	3	50	3	B	327055
2.07	8	18	3	50	3	B	327056
2.08	8	18	3	50	3	B	327057
2.09	8	18	3	50	3	B	968093
2.10	8	18	3	50	3	B	200711
2.11	8	18	3	50	3	B	327058
2.12	8	18	3	50	3	B	968735
2.13	8	18	3	50	3	B	327059
2.14	8	18	3	50	3	B	968737
2.15	8	18	3	50	3	B	200687
2.16	8	18	3	50	3	B	327060
2.17	8	18	3	50	3	B	327061
2.18	8	18	3	50	3	B	327062
2.19	8	18	3	50	3	B	967119
2.20	8	18	3	50	3	B	200706

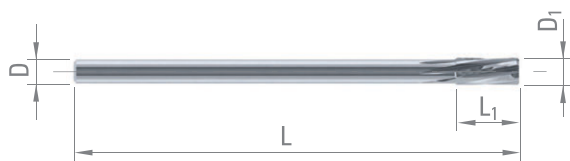




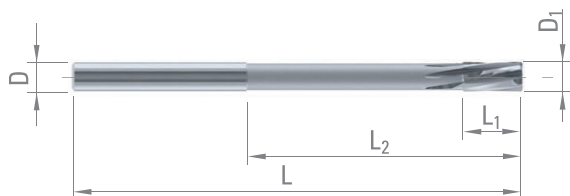
P. 370



Ref. A



Ref. B



Acier + Pb	Acier > 600MPa	Acier fort. allié	Acier inox aust.	Fontes
Super alliages Ni / Co	Titane, alliage de titane	Alliage Cu Argent Or	Alliage Cu difficile	Alu
Plastique				

D _{10/+0.003}	L ₁	L ₂	D _{h5}	L	Z	Ref.	CARBURE
2.21	8	18	3	50	3	B	327063
2.22	8	18	3	50	3	B	327064
2.23	8	18	3	50	3	B	327065
2.24	8	18	3	50	3	B	327066
2.25	8	18	3	50	3	B	200686
2.26	8	18	3	50	3	B	327067
2.27	8	18	3	50	3	B	327068
2.28	8	18	3	50	3	B	327069
2.29	8	18	3	50	3	B	327070
2.30	8	18	3	50	3	B	200698
2.31	10	20	3	50	3	B	327071
2.32	10	20	3	50	3	B	200702
2.33	10	20	3	50	3	B	327072
2.34	10	20	3	50	3	B	327073
2.35	10	20	3	50	3	B	200697
2.36	10	20	3	50	3	B	327074
2.37	10	20	3	50	3	B	327075
2.38	10	20	3	50	3	B	327076
2.39	10	20	3	50	3	B	327077
2.40	10	20	3	50	3	B	200696
2.41	10	20	3	50	3	B	972007
2.42	10	20	3	50	3	B	327078
2.43	10	20	3	50	3	B	327079
2.44	10	20	3	50	3	B	327080
2.45	10	20	3	50	3	B	200695
2.46	10	20	3	50	3	B	327081
2.47	10	20	3	50	3	B	327082
2.48	10	20	3	50	3	B	200707
2.49	10	20	3	50	3	B	200708
2.50	10	20	3	50	3	B	200786
2.51	10	20	3	61	4	B	200709
2.52	10	20	3	61	4	B	200710
2.53	10	20	3	61	4	B	327083
2.54	10	20	3	61	4	B	327084
2.55	10	20	3	61	4	B	200685
2.56	10	20	3	61	4	B	327085
2.57	10	20	3	61	4	B	327086
2.58	10	20	3	61	4	B	327087
2.59	10	20	3	61	4	B	327088
2.60	10	20	3	61	4	B	200684
2.61	10	25	3	61	4	B	327089
2.62	10	25	3	61	4	B	327090
2.63	10	25	3	61	4	B	327091
2.64	10	25	3	61	4	B	327092
2.65	10	25	3	61	4	B	200683
2.66	10	25	3	61	4	B	327093
2.67	10	25	3	61	4	B	200703

D _{10/+0.003}	L ₁	L ₂	D _{h5}	L	Z	Ref.	CARBURE
2.68	10	25	3	61	4	B	327094
2.69	10	25	3	61	4	B	327095
2.70	10	25	3	61	4	B	200690
2.71	10	25	3	61	4	B	327096
2.72	10	25	3	61	4	B	327097
2.73	10	25	3	61	4	B	327098
2.74	10	25	3	61	4	B	327099
2.75	10	25	3	61	4	B	200689
2.76	10	25	3	61	4	B	327100
2.77	10	25	3	61	4	B	327101
2.78	10	25	3	61	4	B	327102
2.79	10	25	3	61	4	B	327103
2.80	10	25	3	61	4	B	200705
2.81	10	25	3	61	4	B	327104
2.82	10	25	3	61	4	B	327105
2.83	10	25	3	61	4	B	327106
2.84	10	25	3	61	4	B	327107
2.85	10	25	3	61	4	B	200699
2.86	10	25	3	61	4	B	327108
2.87	10	25	3	61	4	B	327109
2.88	10	25	3	61	4	B	327110
2.89	10	25	3	61	4	B	327111
2.90	10	25	3	61	4	B	200700
2.91	10	25	3	61	4	B	327112
2.92	10	25	3	61	4	B	327113
2.93	10	25	3	61	4	B	327114
2.94	10	25	3	61	4	B	327115
2.95	10	25	3	61	4	B	200701
2.96	10	25	3	61	4	B	327116
2.97	10	25	3	61	4	B	200747
2.98	10	25	3	70	6	B	321524
2.99	10	25	3	70	6	B	321525
3.00	10	25	3	70	6	B	321526
3.01	10	25	3	70	6	B	321527
3.02	10	25	3	70	6	B	321528
3.03	10	25	3	70	6	B	321529
3.04	10	25	3	70	6	B	321530
3.05	10	25	3	70	6	B	321531
3.06	10	25	3	70	6	B	321532
3.07	10	25	3	70	6	B	321533
3.08	10	25	3	70	6	B	321534
3.09	10	25	3	70	6	B	321535
3.10	10	-	3	70	6	A	321536
3.11	10	-	3	70	6	A	321537
3.12	10	-	3	70	6	A	321538
3.13	10	-	3	70	6	A	321539
3.14	10	-	3	70	6	A	321540





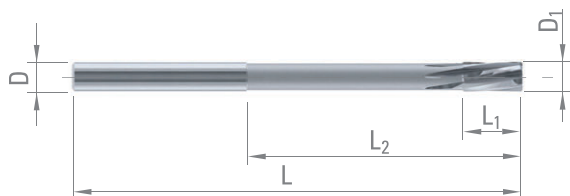
P. 370



Ref. A



Ref. B



Acier + Pb	Acier > 600MPa	Acier fort. allié	Acier inox aust.	Fontes
Super alliages Ni / Co	Titane, alliage de titane	Alliage Cu Argent Or	Alliage Cu difficile	Alu
Plastique				

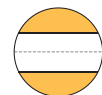
D _{10/+0.003}	L ₁	L ₂	D _{h5}	L	Z	Ref.	CARBURE
3.15	10	-	3	70	6	A	321541
3.16	10	-	3	70	6	A	321542
3.17	10	-	3	70	6	A	321543
3.18	10	-	3	70	6	A	321544
3.19	10	-	3	70	6	A	321545
3.20	10	-	3	70	6	A	321546
3.21	10	-	3	70	6	A	321547
3.22	10	-	3	70	6	A	321548
3.23	10	-	3	70	6	A	321549
3.24	10	-	3	70	6	A	321550
3.25	10	-	3	70	6	A	321551
3.26	10	-	3	70	6	A	321552
3.27	10	-	3	70	6	A	321553
3.28	10	-	3	70	6	A	321554
3.29	10	-	3	70	6	A	321555
3.30	10	-	3	70	6	A	321556
3.31	10	-	3	70	6	A	321557
3.32	10	-	3	70	6	A	321558
3.33	10	-	3	70	6	A	321559
3.34	10	-	3	70	6	A	321560
3.35	10	-	3	70	6	A	321561
3.36	10	-	3	70	6	A	321562
3.37	10	-	3	70	6	A	321563
3.38	10	-	3	70	6	A	321564
3.39	10	-	3	70	6	A	321565
3.40	10	-	3	70	6	A	321566
3.41	10	-	3	70	6	A	321567
3.42	10	-	3	70	6	A	321568
3.43	10	-	3	70	6	A	321569
3.44	10	-	3	70	6	A	321570
3.45	10	-	3	70	6	A	321571
3.46	10	-	3	70	6	A	321572
3.47	10	-	3	70	6	A	321573
3.48	10	-	3	70	6	A	321574
3.49	10	-	3	70	6	A	321575
3.50	10	-	3	70	6	A	321576
3.51	10	-	3	70	6	A	321577
3.52	10	-	3	70	6	A	321578
3.53	10	-	3	70	6	A	321579
3.54	10	-	3	70	6	A	321580
3.55	10	-	3	70	6	A	321581
3.56	10	-	3	70	6	A	321582
3.57	10	-	3	70	6	A	321583
3.58	10	-	3	70	6	A	321584
3.59	10	-	3	70	6	A	321585
3.60	10	-	3	70	6	A	321586
3.61	10	-	3	70	6	A	321587

D _{10/+0.003}	L ₁	L ₂	D _{h5}	L	Z	Ref.	CARBURE
3.62	10	-	3	70	6	A	321588
3.63	10	-	3	70	6	A	321589
3.64	10	-	3	70	6	A	321590
3.65	10	-	3	70	6	A	321591
3.66	10	-	3	70	6	A	321592
3.67	10	-	3	70	6	A	321593
3.68	10	-	3	70	6	A	321594
3.69	10	-	3	70	6	A	321595
3.70	10	-	3	70	6	A	321596
3.71	10	-	3	70	6	A	321597
3.72	10	-	3	70	6	A	321598
3.73	10	-	3	70	6	A	321599
3.74	10	-	3	70	6	A	321600
3.75	10	-	3	70	6	A	321601
3.76	10	-	3	70	6	A	321602
3.77	10	-	3	70	6	A	321603
3.78	10	-	3	70	6	A	321604
3.79	10	-	3	70	6	A	321605
3.80	10	-	3	70	6	A	321606
3.81	10	-	3	70	6	A	321607
3.82	10	-	3	70	6	A	321608
3.83	10	-	3	70	6	A	321609
3.84	10	-	3	70	6	A	321610
3.85	10	-	3	70	6	A	321611
3.86	10	-	3	70	6	A	321612
3.87	10	-	3	70	6	A	321613
3.88	10	-	3	70	6	A	321614
3.89	10	-	3	70	6	A	321615
3.90	10	-	3	70	6	A	321616
3.91	10	-	3	70	6	A	321617
3.92	10	-	3	70	6	A	321618
3.93	10	-	3	70	6	A	321619
3.94	10	-	3	70	6	A	321620
3.95	10	-	3	70	6	A	321621
3.96	10	-	3	70	6	A	321622
3.97	10	-	3	70	6	A	321623
3.98	10	-	3	70	6	A	321624
3.99	10	-	3	70	6	A	321625
4.00	10	-	3	70	6	A	321626
4.01	10	-	3	70	6	A	321627
4.02	10	-	3	70	6	A	321628
4.03	10	-	3	70	6	A	321629
4.04	10	-	3	70	6	A	321630
4.05	10	-	3	70	6	A	321631
4.06	10	-	3	70	6	A	321632
4.07	10	-	3	70	6	A	321633
4.08	10	-	3	70	6	A	321634





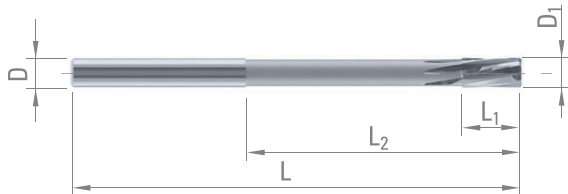
P. 370



Ref. A



Ref. B



Acier + Pb	Acier > 600MPa	Acier fort. allié	Acier inox aust.	Fontes
Super alliages Ni / Co	Titane, alliage de titane	Alliage Cu Argent Or	Alliage Cu difficile	Alu
Plastique				

D _{10/+0.003}	L ₁	L ₂	D _{h5}	L	Z	Ref.	CARBURE
4.09	10	-	3	70	6	A	321635
4.10	12	-	4	80	6	A	321636
4.11	12	-	4	80	6	A	321637
4.12	12	-	4	80	6	A	321638
4.13	12	-	4	80	6	A	321639
4.14	12	-	4	80	6	A	321640
4.15	12	-	4	80	6	A	321641
4.16	12	-	4	80	6	A	321642
4.17	12	-	4	80	6	A	321643
4.18	12	-	4	80	6	A	321644
4.19	12	-	4	80	6	A	321645
4.20	12	-	4	80	6	A	321646
4.21	12	-	4	80	6	A	321647
4.22	12	-	4	80	6	A	321648
4.23	12	-	4	80	6	A	321649
4.24	12	-	4	80	6	A	321650
4.25	12	-	4	80	6	A	321651
4.26	12	-	4	80	6	A	321652
4.27	12	-	4	80	6	A	321653
4.28	12	-	4	80	6	A	321654
4.29	12	-	4	80	6	A	321655
4.30	12	-	4	80	6	A	321656
4.31	12	-	4	80	6	A	321657
4.32	12	-	4	80	6	A	321658
4.33	12	-	4	80	6	A	321659
4.34	12	-	4	80	6	A	321660
4.35	12	-	4	80	6	A	321661
4.36	12	-	4	80	6	A	321662
4.37	12	-	4	80	6	A	321663
4.38	12	-	4	80	6	A	321664
4.39	12	-	4	80	6	A	321665
4.40	12	-	4	80	6	A	321666
4.41	12	-	4	80	6	A	321667
4.42	12	-	4	80	6	A	321668
4.43	12	-	4	80	6	A	321669
4.44	12	-	4	80	6	A	321670
4.45	12	-	4	80	6	A	321671
4.46	12	-	4	80	6	A	321672
4.47	12	-	4	80	6	A	321673
4.48	12	-	4	80	6	A	321674
4.49	12	-	4	80	6	A	321675
4.50	12	-	4	80	6	A	321676
4.51	12	-	4	80	6	A	321677
4.52	12	-	4	80	6	A	321678
4.53	12	-	4	80	6	A	321679
4.54	12	-	4	80	6	A	321680
4.55	12	-	4	80	6	A	321681

D _{10/+0.003}	L ₁	L ₂	D _{h5}	L	Z	Ref.	CARBURE
4.56	12	-	4	80	6	A	321682
4.57	12	-	4	80	6	A	321683
4.58	12	-	4	80	6	A	321684
4.59	12	-	4	80	6	A	321685
4.60	12	-	4	80	6	A	321686
4.61	12	-	4	80	6	A	321687
4.62	12	-	4	80	6	A	321688
4.63	12	-	4	80	6	A	321689
4.64	12	-	4	80	6	A	321690
4.65	12	-	4	80	6	A	321691
4.66	12	-	4	80	6	A	321692
4.67	12	-	4	80	6	A	321693
4.68	12	-	4	80	6	A	321694
4.69	12	-	4	80	6	A	321695
4.70	12	-	4	80	6	A	321696
4.71	12	-	4	80	6	A	321697
4.72	12	-	4	80	6	A	321698
4.73	12	-	4	80	6	A	321699
4.74	12	-	4	80	6	A	321700
4.75	12	-	4	80	6	A	321701
4.76	12	-	4	80	6	A	321702
4.77	12	-	4	80	6	A	321703
4.78	12	-	4	80	6	A	321704
4.79	12	-	4	80	6	A	321705
4.80	12	-	4	80	6	A	321706
4.81	12	-	4	80	6	A	321707
4.82	12	-	4	80	6	A	321708
4.83	12	-	4	80	6	A	321709
4.84	12	-	4	80	6	A	321710
4.85	12	-	4	80	6	A	321711
4.86	12	-	4	80	6	A	321712
4.87	12	-	4	80	6	A	321713
4.88	12	-	4	80	6	A	321714
4.89	12	-	4	80	6	A	321715
4.90	12	-	4	80	6	A	321716
4.91	12	-	4	80	6	A	321717
4.92	12	-	4	80	6	A	321718
4.93	12	-	4	80	6	A	321719
4.94	12	-	4	80	6	A	321720
4.95	12	-	4	80	6	A	321721
4.96	12	-	4	80	6	A	321722
4.97	12	-	4	80	6	A	321723
4.98	12	-	4	80	6	A	321724
4.99	12	-	4	80	6	A	321725
5.00	12	-	4	80	6	A	321726
5.01	12	-	4	80	6	A	321727
5.02	12	-	4	80	6	A	321728





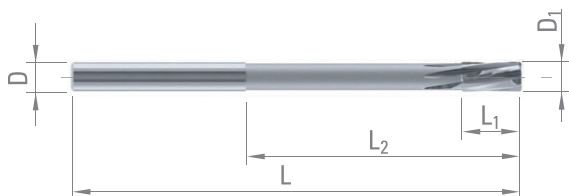
P. 370



Ref. A



Ref. B



Acier + Pb	Acier > 600MPa	Acier fort. allié	Acier inox aust.	Fontes
Super alliages Ni / Co	Titane, alliage de titane	Alliage Cu Argent Or	Alliage Cu difficile	Alu
Plastique				

D _{10/+0.003}	L ₁	L ₂	D _{h5}	L	Z	Ref.	CARBURE
5.03	12	-	4	80	6	A	321729
5.04	12	-	4	80	6	A	321730
5.05	12	-	4	80	6	A	321731
5.06	12	-	4	80	6	A	321732
5.07	12	-	4	80	6	A	321733
5.08	12	-	4	80	6	A	321734
5.09	12	-	4	80	6	A	321735
5.10	12	-	4	80	6	A	321736
5.11	12	-	4	80	6	A	321737
5.12	12	-	4	80	6	A	321738
5.13	12	-	4	80	6	A	321739
5.14	12	-	4	80	6	A	321740
5.15	12	-	4	80	6	A	321741
5.16	12	-	4	80	6	A	321742
5.17	12	-	4	80	6	A	321743
5.18	12	-	4	80	6	A	321744
5.19	12	-	4	80	6	A	321745
5.20	12	-	4	80	6	A	321746
5.21	12	-	4	80	6	A	321747
5.22	12	-	4	80	6	A	321748
5.23	12	-	4	80	6	A	321749
5.24	12	-	4	80	6	A	321750
5.25	12	-	4	80	6	A	321751
5.26	12	-	4	80	6	A	321752
5.27	12	-	4	80	6	A	321753
5.28	12	-	4	80	6	A	321754
5.29	12	-	4	80	6	A	321755
5.30	12	-	4	80	6	A	321756
5.31	12	-	4	80	6	A	321757
5.32	12	-	4	80	6	A	321758
5.33	12	-	4	80	6	A	321759
5.34	12	-	4	80	6	A	321760
5.35	12	-	4	80	6	A	321761
5.36	12	-	4	80	6	A	321762
5.37	12	-	4	80	6	A	321763
5.38	12	-	4	80	6	A	321764
5.39	12	-	4	80	6	A	321765
5.40	12	-	4	80	6	A	321766
5.41	12	-	4	80	6	A	321767
5.42	12	-	4	80	6	A	321768
5.43	12	-	4	80	6	A	321769
5.44	12	-	4	80	6	A	321770
5.45	12	-	4	80	6	A	321771
5.46	12	-	4	80	6	A	321772
5.47	12	-	4	80	6	A	321773
5.48	12	-	4	80	6	A	321774
5.49	12	-	4	80	6	A	321775

D _{10/+0.003}	L ₁	L ₂	D _{h5}	L	Z	Ref.	CARBURE
5.50	12	-	4	80	6	A	321776
5.51	12	-	4	80	6	A	321777
5.52	12	-	4	80	6	A	321778
5.53	12	-	4	80	6	A	321779
5.54	12	-	4	80	6	A	321780
5.55	12	-	4	80	6	A	321781
5.56	12	-	4	80	6	A	321782
5.57	12	-	4	80	6	A	321783
5.58	12	-	4	80	6	A	321784
5.59	12	-	4	80	6	A	321785
5.60	12	-	4	80	6	A	321786
5.61	12	-	4	80	6	A	321787
5.62	12	-	4	80	6	A	321788
5.63	12	-	4	80	6	A	321789
5.64	12	-	4	80	6	A	321790
5.65	12	-	4	80	6	A	321791
5.66	12	-	4	80	6	A	321792
5.67	12	-	4	80	6	A	321793
5.68	12	-	4	80	6	A	321794
5.69	12	-	4	80	6	A	321795
5.70	12	-	4	80	6	A	321796
5.71	12	-	4	80	6	A	321797
5.72	12	-	4	80	6	A	321798
5.73	12	-	4	80	6	A	321799
5.74	12	-	4	80	6	A	321800
5.75	12	-	4	80	6	A	321801
5.76	12	-	4	80	6	A	321802
5.77	12	-	4	80	6	A	321803
5.78	12	-	4	80	6	A	321804
5.79	12	-	4	80	6	A	321805
5.80	12	-	4	80	6	A	321806
5.81	12	-	4	80	6	A	321807
5.82	12	-	4	80	6	A	321808
5.83	12	-	4	80	6	A	321809
5.84	12	-	4	80	6	A	321810
5.85	12	-	4	80	6	A	321811
5.86	12	-	4	80	6	A	321812
5.87	12	-	4	80	6	A	321813
5.88	12	-	4	80	6	A	321814
5.89	12	-	4	80	6	A	321815
5.90	12	-	4	80	6	A	321816
5.91	12	-	4	80	6	A	321817
5.92	12	-	4	80	6	A	321818
5.93	12	-	4	80	6	A	321819
5.94	12	-	4	80	6	A	321820
5.95	12	-	4	80	6	A	321821
5.96	12	-	4	80	6	A	321822





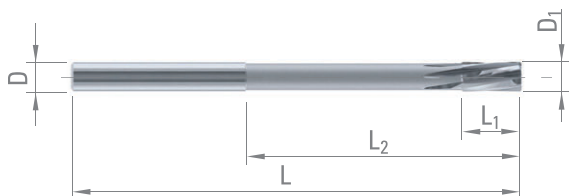
P. 370



Ref. A



Ref. B



Acier + Pb	Acier > 600MPa	Acier fort. allié	Acier inox aust.	Fontes
Super alliages Ni / Co	Titane, alliage de titane	Alliage Cu Argent Or	Alliage Cu difficile	Alu
Plastique				

D _{10/+0.003}	L ₁	L ₂	D _{h5}	L	Z	Ref.	CARBURE
5.97	12	-	4	80	6	A	321823
5.98	12	-	4	80	6	A	321824
5.99	12	-	4	80	6	A	321825
6.00	12	-	4	80	6	A	321826
6.01	12	-	4	80	6	A	321827
6.02	12	-	4	80	6	A	321828
6.03	12	-	4	80	6	A	321829
6.04	12	-	4	80	6	A	321830
6.05	12	-	4	80	6	A	321831
6.06	12	-	4	80	6	A	321832
6.07	12	-	4	80	6	A	321833
6.08	12	-	4	80	6	A	321834
6.09	12	-	4	80	6	A	321835
6.10	12	-	4	80	6	A	321836
6.11	12	-	4	80	6	A	321837
6.12	12	-	4	80	6	A	321838
6.13	12	-	4	80	6	A	321839
6.14	12	-	4	80	6	A	321840
6.15	12	-	4	80	6	A	321841
6.16	12	-	4	80	6	A	321842
6.17	12	-	4	80	6	A	321843
6.18	12	-	4	80	6	A	321844
6.19	12	-	4	80	6	A	321845
6.20	16	-	6	101	6	A	342052
6.30	16	-	6	101	6	A	342062
6.40	16	-	6	101	6	A	342072
6.50	16	-	6	101	6	A	342082
6.51	16	-	6	101	6	A	342083
6.52	16	-	6	101	6	A	342084
6.60	16	-	6	101	6	A	342092
6.70	16	-	6	101	6	A	342102
6.80	16	-	6	101	6	A	342112
6.90	16	-	6	101	6	A	342122
7.00	16	-	6	101	6	A	342132
7.01	16	-	6	101	6	A	342133
7.02	16	-	6	101	6	A	342134
7.10	16	-	6	101	6	A	342142
7.20	16	-	6	101	6	A	342152
7.30	16	-	6	101	6	A	342162
7.40	16	-	6	101	6	A	342172
7.50	16	-	6	101	6	A	342182
7.51	16	-	6	101	6	A	342183
7.52	16	-	6	101	6	A	342184
7.60	16	-	6	101	6	A	342192
7.70	16	-	6	101	6	A	342202
7.80	16	-	6	101	6	A	342212
7.90	16	-	6	101	6	A	342222

D _{10/+0.003}	L ₁	L ₂	D _{h5}	L	Z	Ref.	CARBURE
7.98	16	-	6	101	6	A	342230
7.99	16	-	6	101	6	A	342231
8.00	16	-	6	101	6	A	342232
8.01	16	-	6	101	6	A	342233
8.02	16	-	6	101	6	A	342234
8.10	16	-	6	117	6	A	342242
8.20	16	-	6	117	6	A	342252
8.30	16	-	6	117	6	A	342262
8.40	16	-	6	117	6	A	342272
8.50	16	-	6	117	6	A	342282
8.51	16	-	6	117	6	A	342283
8.52	16	-	6	117	6	A	342284
8.70	16	-	6	117	6	A	342302
8.90	16	-	6	117	6	A	342322
9.00	16	-	6	117	6	A	342332
9.01	16	-	6	117	6	A	342333
9.02	16	-	6	117	6	A	342334
9.10	16	-	6	117	6	A	342342
9.50	16	-	6	117	6	A	342382
9.70	16	-	6	117	6	A	342402
10.00	16	-	6	117	6	A	342432
10.01	16	-	6	117	6	A	342433
10.02	19	87	10	133	6	B	200661
10.03	19	87	10	133	6	B	964048
10.10	19	87	10	133	6	B	200641
10.48	19	87	10	133	6	B	963732
10.49	19	87	10	133	6	B	963733
10.50	19	87	10	133	6	B	200642
10.51	19	87	10	133	6	B	963734
10.52	19	87	10	133	6	B	963735
10.60	19	87	10	133	6	B	200643
10.98	19	96	12	142	6	B	963736
10.99	19	96	12	142	6	B	963737
11.00	19	96	12	142	6	B	200644
11.01	19	96	12	142	6	B	963738
11.02	19	96	12	142	6	B	963739
11.48	19	96	12	142	6	B	963740
11.49	19	96	12	142	6	B	963741
11.50	19	96	12	142	6	B	200645
11.51	19	96	12	142	6	B	963742
11.52	19	96	12	142	6	B	963743
11.80	19	96	12	142	6	B	200646
11.98	19	105	12	151	6	B	963744
11.99	19	105	12	151	6	B	963745
12.00	19	105	12	151	6	B	200647
12.01	19	105	12	151	6	B	963746
12.02	19	105	12	151	6	B	200648



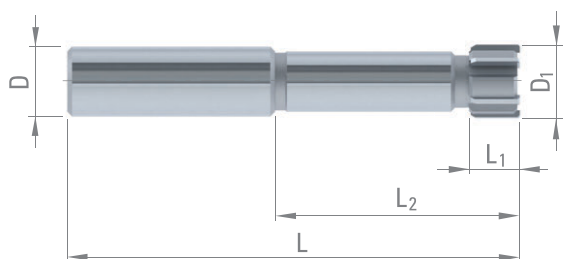
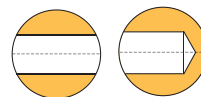
Tout Ø avec tolérance $\pm 2\mu\text{m}$ livrable sur demande via notre service rapide

POLY 4361

ALÉSOIRS EXPANSIBLES



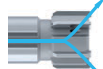
P. 372



POLY 4361

POLY 4361-TC

POLY 4361-FC



D nom.
H7

D₁
± 1.5 μm

L

L₁

L₂

D_{h6}

Z

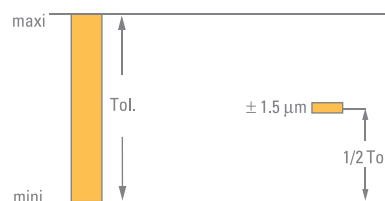
POLY

CARBURE

TiAIN

CERMET

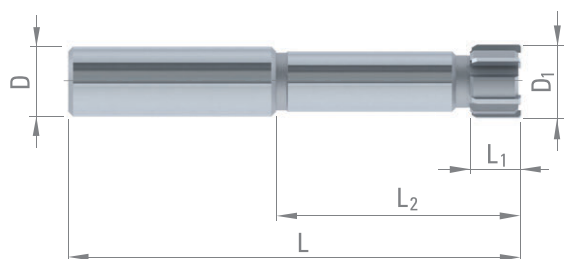
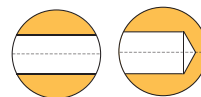
6.00 (6.006)	80	10	40	12	4	4361	61859	965576	963287
						4361-TC	61883	341107	964213
						4361-FC	326753	955517	955527
7.00 (7.007)	80	10	40	12	4	4361	63863	341096	341122
						4361-TC	341082	341108	964215
						4361-FC	977363	955518	955528
8.00 (8.007)	80	10	40	12	4	4361	61860	341097	61594
						4361-TC	61884	958621	62263
						4361-FC	966766	955519	955529
9.00 (9.007)	90	10	50	12	4	4361	954994	341098	341123
						4361-TC	974647	341109	61671
						4361-FC	969137	955520	955530
10.00 (10.007)	100	10	50	12	4	4361	61666	987470	971287
						4361-TC	61885	985270	305651
						4361-FC	970436	955521	955531
11.00 (11.009)	100	10	50	12	6	4361	953002	341099	341124
						4361-TC	341083	341110	952860
						4361-FC	341089	982623	957205
12.00 (12.009)	100	10	50	12	6	4361	61862	953717	956390
						4361-TC	61886	957400	61823
						4361-FC	961924	955522	955532
13.00 (13.009)	100	10	50	12	6	4361	953441	953899	341125
						4361-TC	951466	62899	951704
						4361-FC	956383	994806	341139
14.00 (14.009)	100	10	50	12	6	4361	61709	950932	341126
						4361-TC	61045	957939	64881
						4361-FC	965308	955523	955533
15.00 (15.009)	100	14	50	12	6	4361	952323	953408	66609
						4361-TC	955048	341111	62055
						4361-FC	964856	341118	961253
16.00 (16.009)	110	14	50	16	6	4361	61863	953900	990911
						4361-TC	61044	341112	60455
						4361-FC	959763	955524	955534



POLY 4361



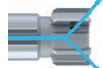
P. 372



POLY 4361

POLY 4361-TC

POLY 4361-FC



D nom.
H7

D₁
± 1.5 μm

L

L₁

L₂

D_{h6}

Z

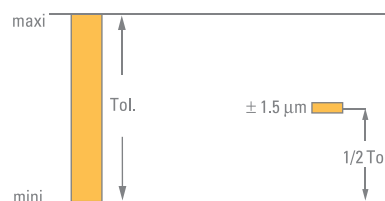
POLY

CARBURE

TiAIN

CERMET

17.00 (17.010)	110	14	50	16	6	4361	67322	341100	341127
						4361-TC	320133	308083	341132
						4361-FC	341090	964572	959907
18.00 (18.010)	110	14	50	16	6	4361	61864	341101	965018
						4361-TC	61887	341113	341133
						4361-FC	964631	955525	955535
19.00 (19.010)	130	14	60	20	6	4361	971893	341102	341128
						4361-TC	341084	341114	341134
						4361-FC	341091	969769	985097
20.00 (20.010)	130	14	60	20	6	4361	61866	341103	965020
						4361-TC	61888	65708	341135
						4361-FC	965283	955526	955536
21.00 (21.010)	130	14	60	20	6	4361	959277	341104	341129
						4361-TC	341085	341115	341136
						4361-FC	983187	341119	959112
22.00 (22.010)	130	14	60	20	6	4361	61867	953901	965019
						4361-TC	341086	341116	341137
						4361-FC	341093	959097	965586
23.00 (23.010)	130	14	60	20	6	4361	956588	341105	341130
						4361-TC	341087	341117	341138
						4361-FC	341094	341120	341140
24.00 (24.010)	130	14	60	20	6	4361	61868	341106	341131
						4361-TC	341088	968505	969504
						4361-FC	341095	341121	962965

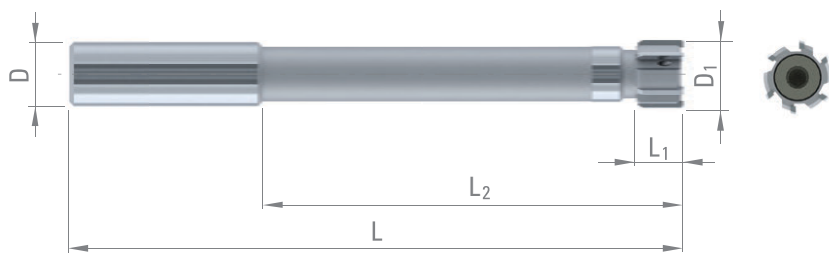
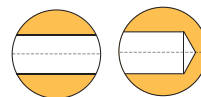


POLY 4371

ALÉSOIRS EXPANSIBLES



P. 372

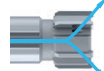


Acier + Pb	Acier > 600MPa	Acier fort. allié	Acier inox aust.	Fontes
Super alliages Ni / Co	Titane, alliage de titane	Alliage Cu Argent Or	Alliage Cu difficile	Alu

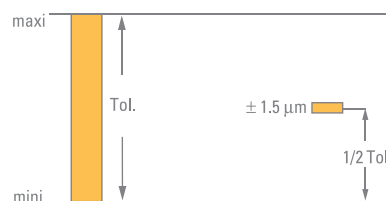
POLY 4371

POLY 4371-TC

POLY 4371-FC



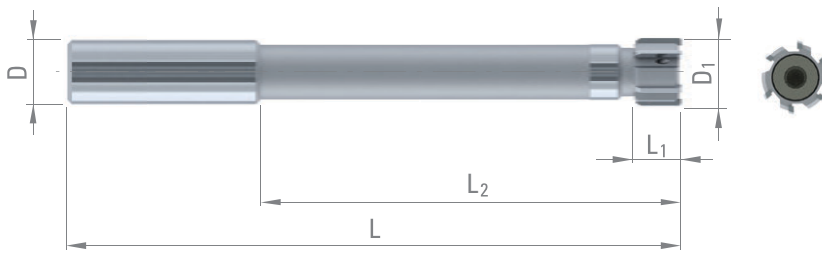
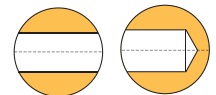
D nom. H7	D ₁ ± 1.5µm	L	L ₁	L ₂	D _{h6}	Z	POLY	CARBURE	TiAIN	CERMET
6.00 (6.006)		120	10	80	12	4	4371	61869	341156	341186
							4371-TC	958107	965969	341204
							4371-FC	976190	955537	955547
7.00 (7.007)		120	10	80	12	4	4371	950528	341157	341187
							4371-TC	968331	341166	341205
							4371-FC	956371	955538	955548
8.00 (8.007)		120	10	80	12	4	4371	61870	341158	341188
							4371-TC	341141	341167	967206
							4371-FC	973938	955539	955549
9.00 (9.007)		130	10	90	12	4	4371	954860	341159	341189
							4371-TC	950120	341168	341206
							4371-FC	976838	955540	955550
10.00 (10.007)		130	10	90	12	6	4371	61871	310374	341190
							4371-TC	341142	341169	341207
							4371-FC	962768	955541	955551
11.00 (11.009)		150	10	100	12	6	4371	972464	982208	341191
							4371-TC	341143	341170	341208
							4371-FC	312249	959071	341221
12.00 (12.009)		150	10	100	12	6	4371	61872	310375	341192
							4371-TC	962624	341171	341209
							4371-FC	986143	955542	955552
13.00 (13.009)		150	10	100	12	6	4371	952545	341160	341193
							4371-TC	341144	341172	341210
							4371-FC	972342	977697	341222
14.00 (14.009)		150	10	100	12	6	4371	61873	310950	965516
							4371-TC	341145	341173	341211
							4371-FC	964796	955543	955553
15.00 (15.009)		150	14	100	12	6	4371	64404	304409	341194
							4371-TC	341146	341174	341212
							4371-FC	965648	976749	341223
16.00 (16.009)		160	14	100	16	6	4371	61874	964387	341195
							4371-TC	977762	341175	341213
							4371-FC	982330	955544	955554



POLY 4371



P. 372

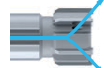


Acier + Pb	Acier > 600MPa	Acier fort. allié	Acier inox aust.	Fontes
Super alliages Ni / Co	Titane, alliage de titane	Alliage Cu Argent Or	Alliage Cu difficile	Alu

POLY 4371

POLY 4371-TC

POLY 4371-FC



D nom.
H7
D₁
± 1.5 μm

L

L₁

L₂

D_{h6}

Z

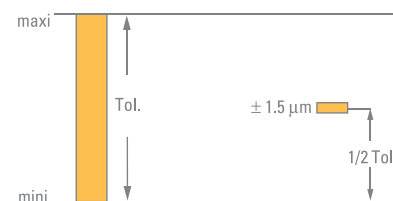
POLY

CARBURE

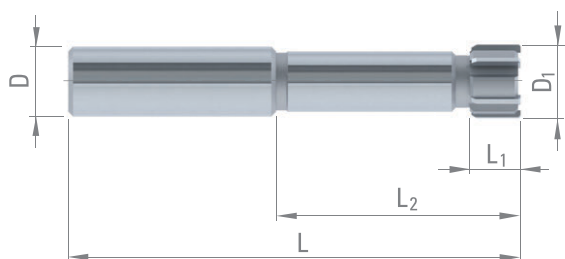
TiAIN

CERMET

17.00 (17.010)	160	14	100	16	6	4371	960993	59895	341196
						4371-TC	341147	341176	341214
						4371-FC	341152	341184	341224
18.00 (18.010)	160	14	100	16	6	4371	61875	310376	341197
						4371-TC	961483	341177	341215
						4371-FC	962767	955545	955555
19.00 (19.010)	190	14	120	20	6	4371	66588	341161	341198
						4371-TC	319972	341178	320656
						4371-FC	955676	967797	341225
20.00 (20.010)	190	14	120	20	6	4371	61876	341162	341199
						4371-TC	400483	341179	341216
						4371-FC	341153	955546	955556
21.00 (21.010)	190	14	120	20	6	4371	334784	341163	341200
						4371-TC	341148	341180	341217
						4371-FC	994332	310771	983957
22.00 (22.010)	190	14	120	20	6	4371	963583	964388	341201
						4371-TC	341149	341181	341218
						4371-FC	341154	965966	341226
23.00 (23.010)	190	14	120	20	6	4371	963174	341164	341202
						4371-TC	341150	341182	341219
						4371-FC	962757	310773	341227
24.00 (24.010)	190	14	120	20	6	4371	62827	341165	341203
						4371-TC	341151	341183	341220
						4371-FC	341155	341185	341228



ALÉSOIRS FIXES COURTS



P. 372

Acier + Pb	Acier > 600MPa	Acier fort. allié	Acier inox aust.	Aciers Fontes 45-65 HRC
Fontes	Super alliages Ni / Co	Titane, alliage de titane	Alliage Cu Argent Or	Alliage Cu difficile
Alu				

D ₁	L	L ₁	L ₂	D _{h6}	Z	CARBURE	TiAIN	CERMET
5.80 - 7.60	80	10	40	12	4	☐	☒	☐
7.61 - 8.60	80	10	40	12	4	☐	☒	☐
8.61 - 9.60	90	10	50	12	4	☐	☒	☐
9.61 - 10.60	90	10	50	12	4	☐	☒	☐
10.61 - 14.60	100	10	50	12	6	☐	☒	☐
14.61 - 15.60	100	14	50	12	6	☐	☒	☐
15.61 - 18.60	110	14	50	16	6	☐	☒	☐
18.61 - 21.10	130	14	60	20	6	☐	☒	☐
21.11 - 25.10	130	14	60	20	6	☐	☒	☐
25.11 - 28.10	145	18	75	25	6	☐	☒	☐
28.11 - 33.10	145	18	75	25	6	☐	☒	☐
33.11 - 45.00	145	18	75	25	6	☐	☒	☐
45.00 - 120.00	160	18	90	32	8	☐	☒	☐

POLY 4261-TC



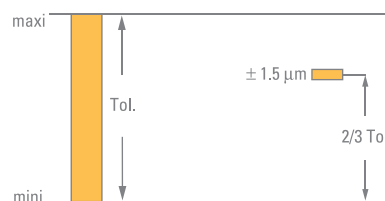
POLY 4261-FC



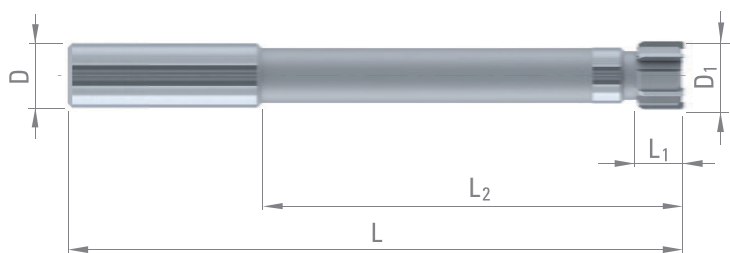
POLY 4264



POLY 4264-FC



ALÉSOIRS FIXES LONGS



P. 372

Acier + Pb	Acier > 600MPa	Acier fort. allié	Acier inox aust.	Aciers Fontes 45-65 HRC
Fontes	Super alliages Ni / Co	Titane, alliage de titane	Alliage Cu Argent Or	Alliage Cu difficile
Alu				

D ₁	L	L ₁	L ₂	D _{h6}	Z	CARBURE	TiAIN	CERMET
5.80 - 7.60	120	10	80	12	4	☐	☒	☐
7.61 - 8.60	120	10	80	12	4	☐	☒	☐
8.61 - 9.60	120	10	90	12	4	☐	☒	☐
9.61 - 10.60	120	10	90	12	4	☐	☒	☐
10.61 - 14.60	150	10	100	12	6	☐	☒	☐
14.61 - 15.60	150	14	100	12	6	☐	☒	☐
15.61 - 18.60	160	14	100	16	6	☐	☒	☐
18.61 - 21.10	190	14	120	20	6	☐	☒	☐
21.11 - 25.10	190	14	120	20	6	☐	☒	☐
25.11 - 28.10	220	18	150	25	6	☐	☒	☐
28.11 - 33.10	220	18	150	25	6	☐	☒	☐
33.11 - 45.00	220	18	150	25	6	☐	☒	☐
45.00 - 120.00	250	18	180	32	8	☐	☒	☐

POLY 4271-TC



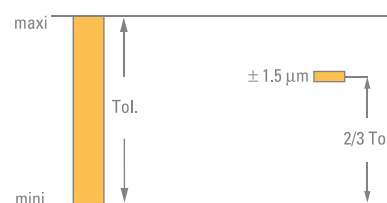
POLY 4271-FC



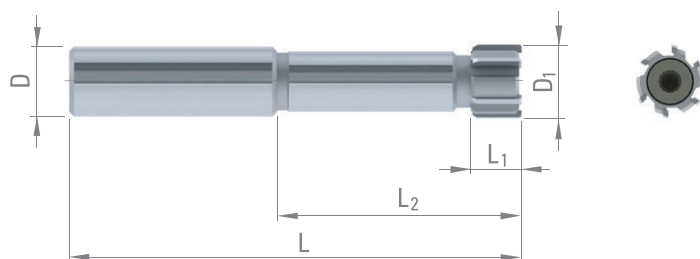
POLY 4274



POLY 4274-FC



ALÉSOIRS EXPANSIBLES COURTS



P. 372

Acier + Pb	Acier > 600MPa	Acier fort. allié	Acier inox aust.	Aciers Fontes 45-65 HRC
Fontes	Super alliages Ni / Co	Titane, alliage de titane	Alliage Cu Argent Or	Alliage Cu difficile
Alu				

D ₁	L	L ₁	L ₂	D _{h6}	Z	CARBURE	TiAIN	CERMET
5.80 - 7.60	80	10	40	12	4	☐	☒	☐
7.61 - 8.60	80	10	40	12	4	☐	☒	☐
8.61 - 9.60	90	10	50	12	4	☐	☒	☐
9.61 - 10.60	90	10	50	12	4	☐	☒	☐
10.61 - 14.60	100	10	50	12	6	☐	☒	☐
14.61 - 15.60	100	14	50	12	6	☐	☒	☐
15.61 - 18.60	110	14	50	16	6	☐	☒	☐
18.61 - 21.10	130	14	60	20	6	☐	☒	☐
21.11 - 25.10	130	14	60	20	6	☐	☒	☐
25.11 - 28.10	145	18	75	25	6	☐	☒	☐
28.11 - 45.00	145	18	75	25	6	☐	☒	☐
45.00 - 55.00	160	18	90	32	8	☐	☒	☐

POLY 4361-TC



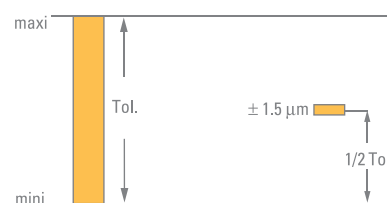
POLY 4361-FC



POLY 4364



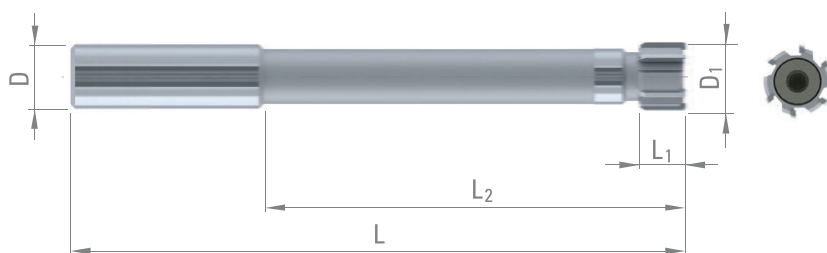
POLY 4364-FC



ALÉSOIRS EXPANSIBLES LONGS



P. 372



Acier + Pb	Acier > 600MPa	Acier fort. allié	Acier inox aust.	Aciers Fontes 45-65 HRC
Fontes	Super alliages Ni / Co	Titane, alliage de titane	Alliage Cu Argent Or	Alliage Cu difficile
Alu				

D ₁	L	L ₁	L ₂	D _{h6}	Z	CARBURE	TiAIN	CERMET
5.80 - 7.60	120	10	80	12	4	☐	☒	☐
7.61 - 8.60	120	10	80	12	4	☐	☒	☐
8.61 - 9.60	120	10	90	12	4	☐	☒	☐
9.61 - 10.60	120	10	90	12	4	☐	☒	☐
10.61 - 14.60	150	10	100	12	6	☐	☒	☐
14.61 - 15.60	150	14	100	12	6	☐	☒	☐
15.61 - 18.60	160	14	100	16	6	☐	☒	☐
18.61 - 21.10	190	14	120	20	6	☐	☒	☐
21.11 - 25.10	190	14	120	20	6	☐	☒	☐
25.11 - 28.10	220	18	150	25	6	☐	☒	☐
28.11 - 45.00	220	18	150	25	6	☐	☒	☐
45.00 - 55.00	250	18	180	32	8	☐	☒	☐

POLY 4371-TC



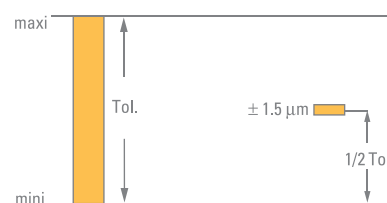
POLY 4371-FC



POLY 4374



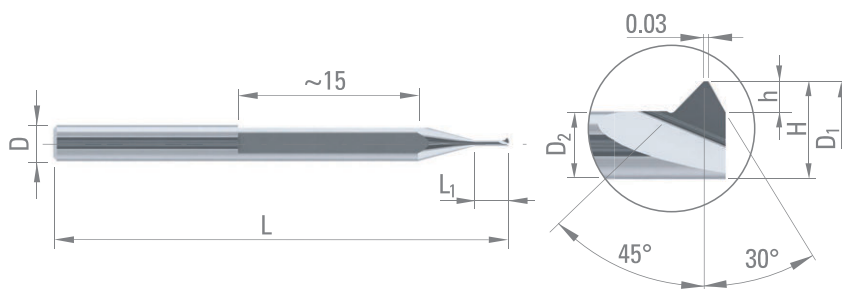
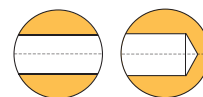
POLY 4374-FC



OUTILS À ALÉSER ET CHANFREINER



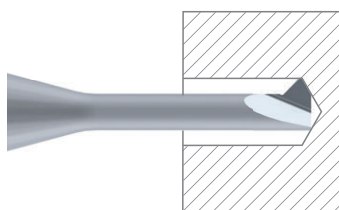
P. 369



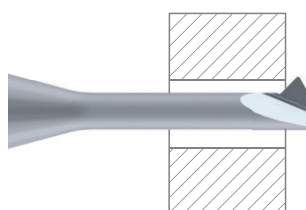
Acier + Pb	Acier > 600MPa	Acier fort. allié	Acier inox aust.	Fontes
Super alliages Ni / Co	Titane, alliage de titane	Alliage Cu Argent Or	Alliage Cu difficile	Alu
Plastique				

D ₁	L ₁	D ₂	h	H	D _{h5}	L	pour...	CARBURE
0.26	0.84	0.14	0.06	0.20	3	46	S 0.30	968880
0.35	1.04	0.21	0.07	0.28	3	46	S 0.40	969086
0.44	1.35	0.28	0.08	0.36	3	46	S 0.50	969087
0.53	1.66	0.33	0.10	0.43	3	46	S 0.60	969088
0.66	2.04	0.36	0.15	0.51	3	46	S 0.70	969089
0.75	2.30	0.43	0.16	0.58	3	46	S 0.80	969090
0.86	2.72	0.46	0.20	0.66	3	46	S 0.90	969091

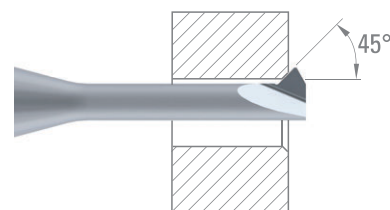
Alésage trou borgne



Alésage trou passant

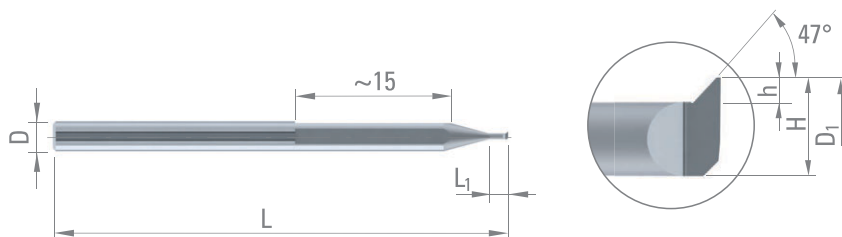
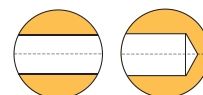
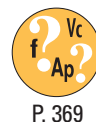


Anglage



tasseaux p. 365

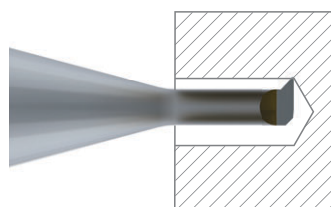
BURINS À ALÉSER ET CHANFREINER



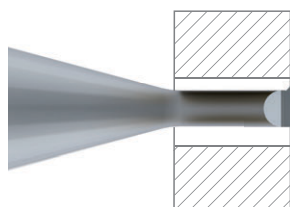
Acier + Pb	Acier > 600MPa	Acier fort. allié	Acier inox aust.	Fontes
Super alliages Ni / Co	Titane, alliage de titane	Alliage Cu Argent Or	Alliage Cu difficile	Alu
Plastique				

D_1	L_1	h	H	D_{h5}	L	CARBURE
0.20	0.2 0.4	0.04	0.16	3	46	997972 997973
0.30	0.3 0.6	0.06	0.24	3	46	997974 997975
0.40	0.4 0.8	0.08	0.32	3	46	997976 997977
0.50	0.5 1.0	0.10	0.40	3	46	997978 997979
0.60	0.6 1.2	0.12	0.48	3	46	997980 997981
0.70	0.7 1.4	0.14	0.56	3	46	997982 997983
0.80	0.8 1.6	0.16	0.64	3	46	997984 997985
0.90	0.9 1.8	0.18	0.72	3	46	997986 997987
1.00	1.0 2.0	0.20	0.80	3	46	997988 997989

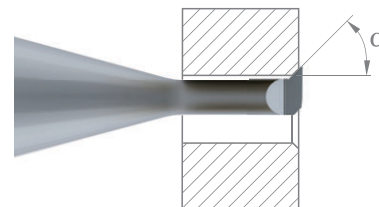
Alésage trou borgne



Alésage trou passant



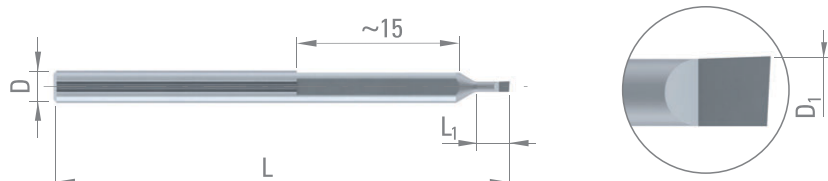
Anglage



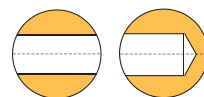
tasseaux p. 365

DIXI 2578

BURINS À ALÉSER

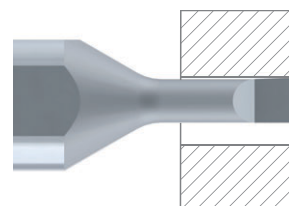
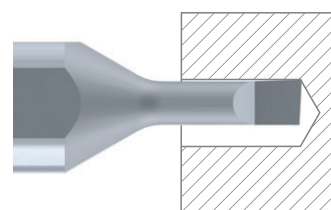


P. 369



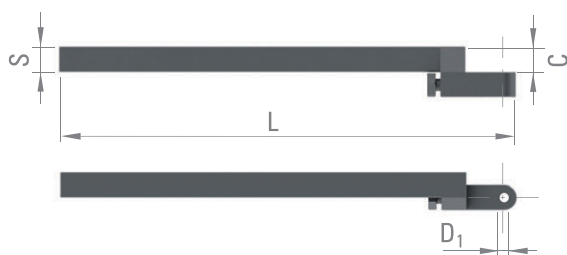
Acier + Pb	Acier > 600MPa	Acier fort. allié	Acier inox aust.	Fontes
Super alliages Ni / Co	Titane, alliage de titane	Alliage Cu Argent Or	Alliage Cu difficile	Alu
Plastique				

D ₁	L ₁	D _{h5}	L	CARBURE
0.30	0.6	3	46	997948
	0.9			997949
	1.2			997950
0.40	0.8	3	46	997951
	1.2			997952
	1.6			997953
0.50	1.0	3	46	997954
	1.5			997955
	2.0			997956
0.60	1.2	3	46	997957
	1.8			997958
	2.4			997959
0.70	1.4	3	46	997960
	2.1			997961
	2.8			997962
0.80	1.6	3	46	997963
	2.4			997964
	3.6			997965
0.90	1.8	3	46	997966
	2.7			997967
	3.6			997968
1.00	2.0	3	46	997969
	3.0			997970
	4.0			997971

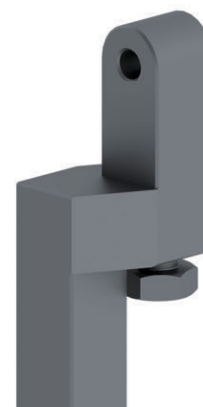


DIXI 2764

PORTE-BURINS



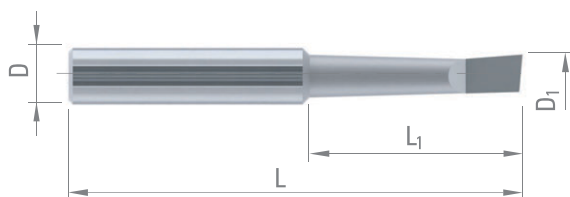
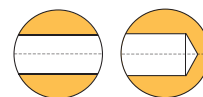
S	L	D ₁	C	货号
7 x 7	146	3	7	305008
8 x 8	146	3	8	305009
10 x 10	150	3	10	305010



OUTILS À ALÉSER



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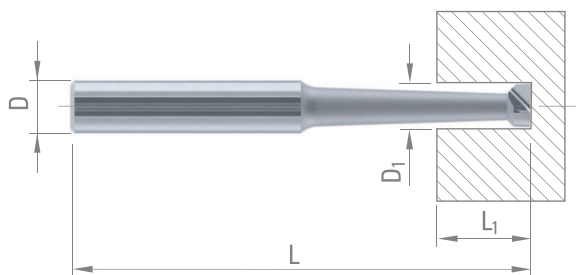
Acier + Pb	Acier > 600MPa	Acier fort. allié	Acier inox aust.	Fontes
Super alliages Ni / Co	Titane, alliage de titane	Alliage Cu Argent Or	Alliage Cu difficile	Alu
Plastique				

D_1	L_1	D_{h5}	L	CARBURE
0.60	3	4	25	53197
0.80	4	4	25	53198
1.00	5	4	25	53199
1.20	6	4	25	53200
1.50	8	4	32	53201
1.80	9	4	32	53202
2.00	10	4	32	53203
2.50	12	4	32	53204
3.00	15	4	32	53205

OUTILS À ALESER TROU BORGNE



P. 369



Acier + Pb	Acier > 600MPa	Acier fort. allié	Acier inox aust.	Fontes
Super alliages Ni / Co	Titane, alliage de titane	Alliage Cu Argent Or	Alliage Cu difficile	Alu
Plastique				

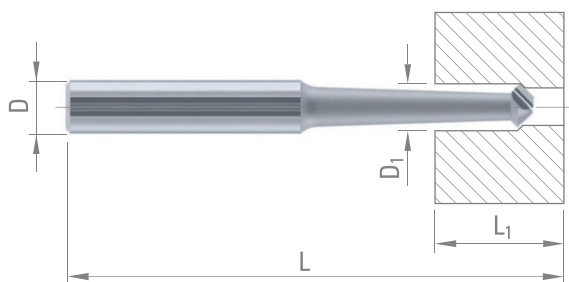
D ₁	L ₁	D _{h5}	L	CARBURE
0.50	3	4	25	36091
0.80	4	4	25	36092
1.00	4	4	25	33855
1.20	6	4	25	33856
1.50	7	4	28	33857
1.70	7	4	28	33858
2.00	9	4	30	33859
2.20	9	4	30	33860
2.50	12	4	33	33861
3.00	14	4	35	33862
3.50	14	4	35	33863
4.00	17	4	38	33864
5.00	23	4	38	794
2.00	9	6	38	33865
2.50	12	6	40	33866
3.00	14	6	42	33867
4.00	17	6	45	33868
5.00	22	6	52	795
6.00	24	6	52	796
7.00	30	6	52	797
8.00	32	6	52	798
10.00	40	6	60	800
3.00	17	8	47	790
4.00	21	8	51	791
5.00	22	8	52	801
6.00	25	8	55	802
7.00	28	8	60	803
10.00	45	8	65	804
12.00	54	8	70	805
13.00	54	8	78	5603

D ₁	L ₁	D _{h5}	L	CARBURE
3.00	17	10	45	792
4.00	21	10	49	793
5.00	22	10	50	806
6.00	25	10	54	807
7.00	28	10	56	808
9.00	32	10	65	809
10.00	32	10	65	810
12.00	45	10	70	811
13.00	55	10	80	812
15.00	75	10	100	813
18.00	75	10	100	814
8.00	30	12	70	815
10.00	40	12	80	816
13.00	60	12	90	817
15.00	70	12	100	818
18.00	70	12	100	819
13.00	60	16	115	820
15.00	60	16	115	821
18.00	75	16	115	822
20.00	75	16	115	824

OUTILS À ALÉSER TROU PASSANT



P. 369



Acier + Pb	Acier > 600MPa	Acier fort. allié	Acier inox aust.	Fontes
Super alliages Ni / Co	Titane, alliage de titane	Alliage Cu Argent Or	Alliage Cu difficile	Alu
Plastique				

D ₁	L ₁	D _{h5}	L	CARBURE
0.50	3	4	25	36093
0.80	4	4	25	36094
1.00	4	4	25	33869
1.20	6	4	25	33870
1.50	7	4	28	33871
1.70	7	4	28	33872
2.00	9	4	30	33873
2.20	9	4	30	33874
2.50	12	4	33	33875
3.00	14	4	35	33876
3.50	14	4	35	33877
4.00	17	4	38	33878
5.00	23	4	38	745
2.00	9	6	38	33879
2.50	12	6	40	33880
3.00	14	6	42	33881
4.00	17	6	45	33882
5.00	22	6	52	746
6.00	24	6	52	747
8.00	32	6	52	749
10.00	40	6	60	751
3.00	17	8	47	740
4.00	21	8	51	741
5.00	22	8	52	752
6.00	25	8	55	753
7.00	28	8	60	754
9.00	45	8	65	755
11.00	54	8	70	756
13.00	54	8	78	5661

D ₁	L ₁	D _{h5}	L	CARBURE
3.00	17	10	45	742
4.00	21	10	49	743
5.00	22	10	50	757
6.00	25	10	54	758
7.00	28	10	56	759
9.00	32	10	65	760
10.00	32	10	65	761
12.00	45	10	70	762
13.00	55	10	80	763
15.00	75	10	100	764
18.00	75	10	100	765
8.00	30	12	70	766
10.00	40	12	80	767
13.00	60	12	90	768
15.00	70	12	100	769
18.00	70	12	100	770
20.00	80	12	110	825
13.00	60	16	115	771
15.00	60	16	115	772
18.00	75	16	115	773

CONDITIONS DE COUPE

$$n \text{ [tr/min]} = \frac{V_c \text{ [m/min]} \times 1000}{\pi \times D_1 \text{ [mm]}}$$

$$V_f \text{ [mm/min]} = n \text{ [tr/min]} \times f \text{ [mm]}$$

Matières à usiner

			Outil fixe Vc [m/min]	Outil tournant Vc [m/min]	Avance f [mm/tr]
P	Acier non allié / faiblement allié	< 600 N/mm ²	100 - 150	70 - 120	0.05 - 0.15
P	Acier non allié / faiblement allié	600 – 1500 N/mm ²	70 - 120	50 - 90	0.04 - 0.10
P	Acier de décolletage au plomb		120 - 160	90 - 130	0.05 - 0.15
P	Acier fortement allié	700 – 1500 N/mm ²	30 - 70	20 - 50	0.03 - 0.10
M	Acier inoxydable	400 – 700 N/mm ²	60 - 80	40 - 60	0.04 - 0.10
M	Acier inox. DUPLEX, acier austénitique inox. sans nickel	> 800 N/mm ²	30 - 70	20 - 50	0.03 - 0.10
K	Fonte grise / Fonte à graphite sphéroïdal perlitique	< 250 HB	60 - 150	40 - 120	0.05 - 0.15
K	Fonte alliée / Fonte à graphite sphéroïdal perlitique	> 250 HB	20 - 80	15 - 50	0.04 - 0.10
K	Fonte à graphite sphéroïdal ferritique / Fonte malléable		30 - 90	20 - 60	0.03 - 0.10
S	Super alliages / Acier inox. réfractaire	Inconel Nimonic Hastelloy	10 - 20	8 - 15	0.03 - 0.10
S	Titane, alliage de titane		15 - 30	10 - 25	0.03 - 0.10
N	Alliage de cuivre / bonne usinabilité (laiton – bronze)		150 - 250	120 - 180	0.08 - 0.20
N	Alliage de cuivre / usinabilité difficile / Bronze à l'aluminium (CuAlFe) (Ampco)		120 - 160	100 - 140	0.04 - 0.10
N	Alliage d'aluminium	Si < 8%	200 - 400	150 - 300	0.05 - 0.15
N	Fonte d'aluminium	Si > 8%	180 - 350	150 - 250	0.05 - 0.155
N	Plastique		200 - 300	150 - 250	0.10 - 0.30
N	Or, argent		150 - 250	120 - 180	0.08 - 0.20

CONDITIONS DE COUPE

Matières à usiner

			CARBURE
			Vc [m/min]
P	Acier non allié / faiblement allié	< 600 N/mm ²	14
			16
			20
P	Acier non allié / faiblement allié	600 – 1500 N/mm ²	12
			14
			16
P	Acier de décolletage au plomb		25
			50
			70
P	Acier fortement allié	700 – 1500 N/mm ²	8
			10
			12
M	Acier inoxydable	400 – 700 N/mm ²	10
			12
			16
M	Acier inox. DUPLEX, acier austénitique inox. sans nickel	> 800 N/mm ²	8
			10
			12
K	Fonte grise / Fonte à graphite sphéroïdal perlitique	< 250 HB	20
			30
			40
K	Fonte allée / Fonte à graphite sphéroïdal perlitique	> 250 HB	12
			18
			24
K	Fonte à graphite sphéroïdal ferritique / Fonte malléable		14
			20
			32
S	Super alliages / Acier inox. réfractaire	Inconel Nimonic Hastelloy	8
			10
			12
S	Titane, alliage de titane		10
			12
			16
N	Alliage de cuivre / bonne usinabilité (laiton – bronze)		20
			30
			40
N	Alliage de cuivre / usinabilité difficile / Bronze à l'aluminium	(CuAlFe) (Ampco)	16
			24
			30
N	Alliage d'aluminium	Si < 8%	20
			40
			60
N	Fonte d'aluminium	Si > 8%	20
			36
			50
N	Plastique		20
			40
			60
N	Plastique avec fibres		10
			20
			30
N	Or, argent		20
			30
			40

$$n \text{ [tr/min]} = \frac{V_c \text{ [m/min]} \times 1000}{\pi \times D_1 \text{ [mm]}}$$

$$V_f \text{ [mm/min]} = n \text{ [tr/min]} \times f \text{ [mm]}$$

Avance par tour **f [mm]**

Ø D ₁ < 2.00	Ø D ₁ 2.00 - 4.03	Ø D ₁ 4.03 - 7.51	Ø D ₁ 7.51 - 12.02	
0.05	0.10	0.30	0.40	
0.15	0.20	0.50	0.60	
0.20	0.30	0.70	0.80	
0.05	0.10	0.25	0.30	
0.15	0.20	0.40	0.50	
0.20	0.30	0.65	0.70	
0.05	0.20	0.40	0.60	
0.15	0.40	0.60	0.80	
0.20	0.50	0.80	1.00	
0.05	0.10	0.20	0.30	
0.15	0.15	0.30	0.40	
0.20	0.25	0.40	0.50	
0.05	0.10	0.20	0.30	
0.15	0.15	0.30	0.40	
0.20	0.20	0.40	0.50	
0.05	0.10	0.20	0.30	
0.15	0.15	0.30	0.40	
0.20	0.25	0.40	0.50	
0.05	0.10	0.40	0.60	
0.15	0.15	0.50	0.70	
0.20	0.25	0.60	0.80	
0.05	0.10	0.30	0.40	
0.15	0.15	0.40	0.50	
0.20	0.20	0.50	0.60	
0.05	0.10	0.30	0.40	
0.15	0.20	0.40	0.50	
0.20	0.30	0.50	0.60	
0.05	0.10	0.20	0.30	
0.15	0.15	0.30	0.40	
0.20	0.20	0.40	0.50	
0.05	0.10	0.20	0.30	
0.15	0.15	0.30	0.40	
0.20	0.20	0.40	0.50	
0.05	0.10	0.30	0.40	
0.15	0.20	0.40	0.50	
0.20	0.30	0.50	0.60	
0.05	0.10	0.40	0.60	
0.20	0.25	0.60	0.80	
0.30	0.40	0.80	1.00	
0.05	0.10	0.40	0.60	
0.20	0.25	0.60	0.80	
0.30	0.40	0.80	1.00	
0.05	0.10	0.40	0.50	
0.20	0.25	0.50	0.60	
0.30	0.40	0.60	0.70	
0.05	0.10	0.30	0.40	
0.20	0.25	0.40	0.50	
0.30	0.40	0.50	0.60	
0.05	0.10	0.40	0.60	
0.15	0.20	0.60	0.80	
0.20	0.30	0.80	1.00	

0.05
0.10
0.15

0.10
0.15
0.20

0.10
0.15
0.20

0.10
0.15
0.20

Surépaisseur Ø [mm]



CONDITIONS DE COUPE

Matières à usiner

			CARBURE	TiAIN	CERMET
			Vc [m/min]	Vc [m/min]	Vc [m/min]
P	Acier non allié / faiblement allié	< 600 N/mm ²	6	60	100
			8	90	130
			10	120	150
P	Acier non allié / faiblement allié	600 – 1500 N/mm ²	6	60	80
			8	80	100
			10	100	120
P	Acier de décolletage au plomb		20	60	100
			40	80	130
			50	100	150
P	Acier fortement allié	700 – 1500 N/mm ²	4	30	
			5	40	
			7	50	
M	Acier inoxydable	400 – 700 N/mm ²	5	30	
			6	40	
			8	50	
M	Acier inox. DUPLEX, acier austénitique inox. sans nickel	> 800 N/mm ²	4	10	
			5	20	
			6	30	
K	Fonte grise	< 250 HB	12	90	
			15	120	
			18	140	
K	Alliages fonte grise	> 250 HB	10	50	
			12	60	
			15	80	
K	Fonte à graphite sphéroïdal ferritique	< 600 HB	8	90	110
			12	120	140
			15	140	160
K	Fonte à graphite sphéroïdal ferritique / perlitique		6	90	110
			9	120	140
			12	140	160
K	Fonte à graphite sphéroïdal perlitique / Fonte malléable	> 600 HB	10	90	100
			12	120	120
			15	140	140
K	Alliages fonte sphéroïdale		8	50	
			9	60	
			12	80	
K	Fonte vermiculaire		8	50	
			9	60	
			12	80	
S	Super alliages / Acier inox. réfractaire	Inconel Nimonic Hastelloy		10	
				15	
				20	
S	Titane, alliage de titane		8		
			10		
			12		
N	Alliage de cuivre / bonne usinabilité (laiton – bronze)		15	100	
			22	120	
			30	150	
N	Alliage de cuivre / usinabilité difficile / Bronze à l'aluminium	(CuAlFe) (Ampco)	12	60	
			16	80	
			20	100	
N	Alliage d'aluminium	Si < 8%	15		
			22		
			30		
N	Fonte d'aluminium	Si > 8%	12		
			16		
			20		

$$n \text{ [tr/min]} = \frac{V_c \text{ [m/min]} \times 1000}{\pi \times D_1 \text{ [mm]}}$$

$$V_f \text{ [mm/min]} = n \text{ [tr/min]} \times f \text{ [mm]}$$

Avance par tour **f [mm]**

Ø D ₁ 5.70 - 10.60	Ø D ₁ 10.70 - 18.60	Ø D ₁ 18.70 - 44.90	Ø D ₁ 45 - 120	
0.20	0.40	0.60	0.80	
0.30	0.50	0.70	0.90	
0.50	0.70	0.90	1.10	
0.20	0.40	0.60	0.80	
0.30	0.50	0.70	0.90	
0.50	0.70	0.90	1.10	
0.20	0.40	0.60	0.80	
0.30	0.50	0.70	0.90	
0.50	0.70	0.90	1.10	
0.15	0.25	0.35	0.45	
0.20	0.30	0.40	0.50	
0.30	0.40	0.50	0.60	
0.20	0.30	0.40	0.50	
0.30	0.40	0.50	0.60	
0.40	0.50	0.60	0.70	
0.20	0.30	0.40	0.50	
0.30	0.40	0.50	0.60	
0.40	0.50	0.60	0.70	
0.30	0.50	0.70	0.90	
0.40	0.60	0.80	1.00	
0.50	0.70	0.90	1.10	
0.20	0.40	0.60	0.80	
0.30	0.50	0.70	0.90	
0.50	0.70	0.90	1.10	
0.30	0.50	0.70	0.90	
0.40	0.60	0.80	1.00	
0.50	0.70	0.90	1.10	
0.20	0.40	0.60	0.80	
0.30	0.50	0.70	0.90	
0.40	0.60	0.80	1.00	
0.20	0.30	0.40	0.50	
0.30	0.40	0.50	0.60	
0.40	0.50	0.60	0.70	
0.20	0.30	0.40	0.50	
0.30	0.40	0.50	0.60	
0.40	0.50	0.60	0.70	
0.15	0.25	0.35	0.45	
0.20	0.30	0.40	0.50	
0.30	0.40	0.50	0.60	
0.20	0.30	0.40	0.50	
0.30	0.40	0.50	0.60	
0.40	0.50	0.60	0.70	
0.30	0.50	0.70	0.90	
0.40	0.60	0.80	1.00	
0.50	0.70	0.90	1.10	
0.20	0.40	0.60	0.80	
0.30	0.50	0.70	0.90	
0.40	0.60	0.80	1.00	
0.30	0.50	0.70	0.90	
0.40	0.60	0.80	1.00	
0.50	0.70	0.90	1.10	
0.30	0.50	0.70	0.90	
0.40	0.60	0.80	1.00	
0.50	0.70	0.90	1.10	

0.10
0.15
0.20

0.15
0.20
0.30

0.15
0.20
0.30

0.20
0.30
0.40

Surépaisseur Ø [mm]





OUTILS SUR DEMANDE

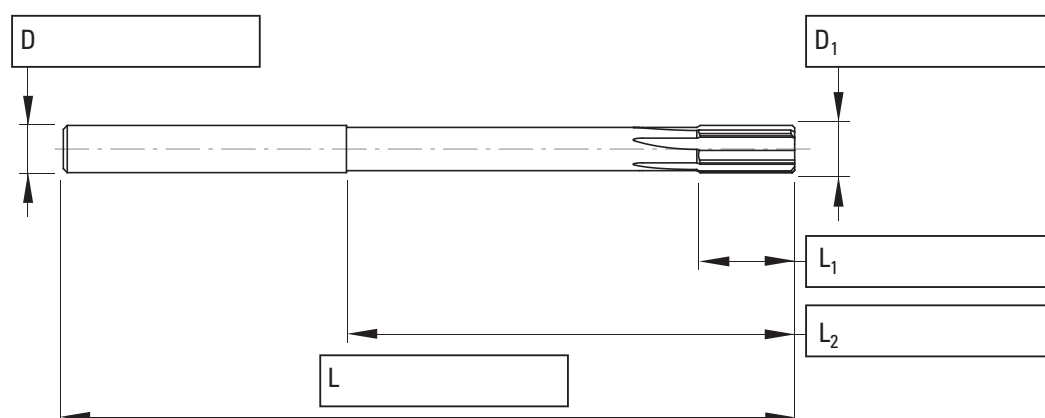
POLY 4001 SP

Z =

Quantités

Dimensions et tolérance
du trou à usiner

Matière à usiner



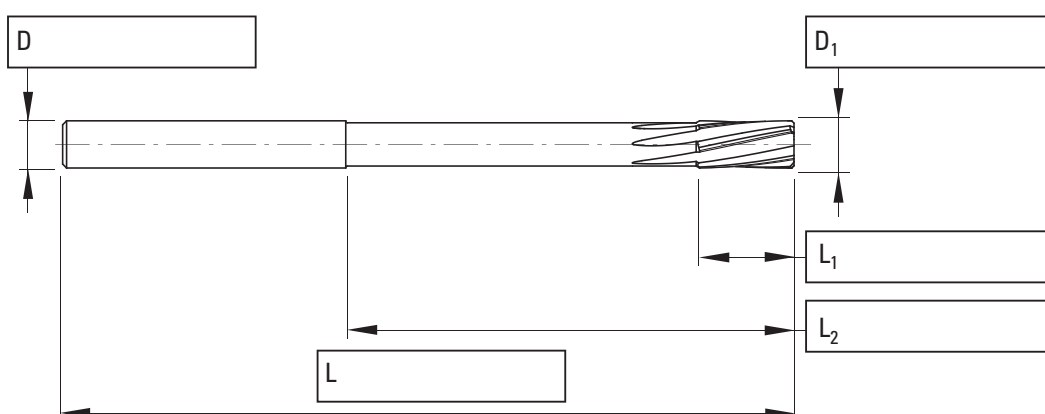
POLY 4007 SP

Z =

Quantités

Dimensions et tolérance
du trou à usiner

Matière à usiner



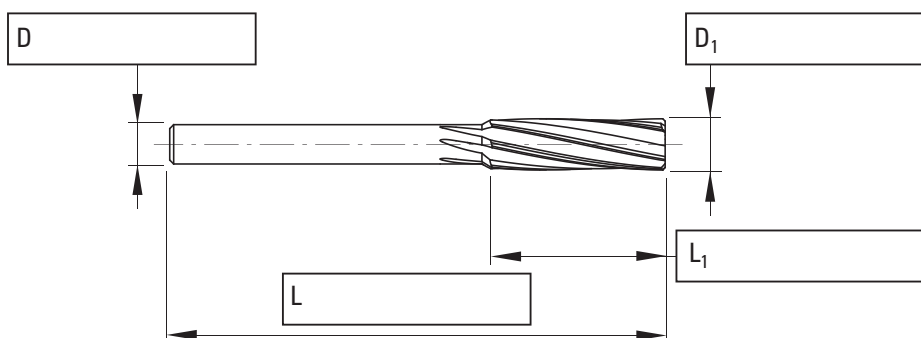
POLY 4005 SP

Z =

Quantités

Dimensions et tolérance
du trou à usiner

Matière à usiner



CONSULTEZ NOTRE FORMULAIRE DE DEMANDE D'OFFRES EN LIGNE SUR
WWW.DIXIPOLYTOOL.COM





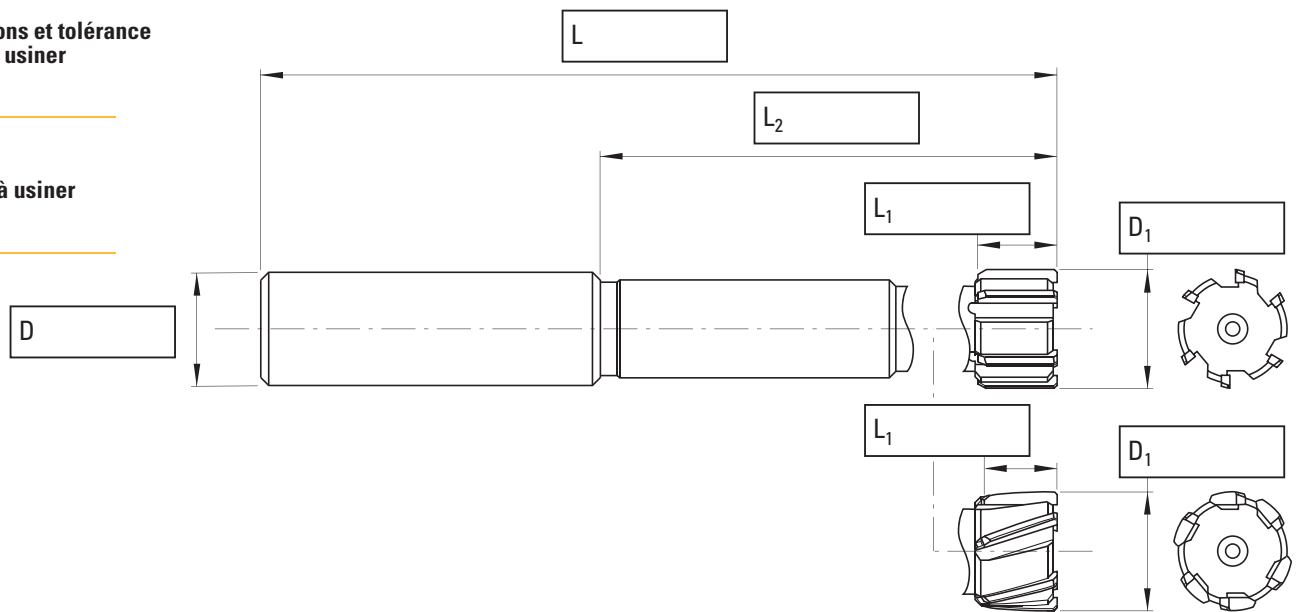
OUTILS SUR DEMANDE

ALÉSOIRS À PLAQUETTES

Quantités

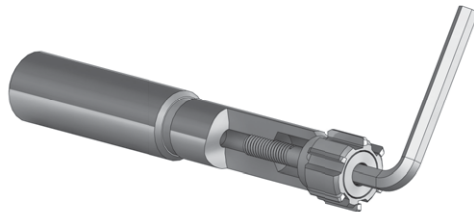
Dimensions et tolérance
du trou à usiner

Matière à usiner



☐ Expansible

☐ Fixe



D_1

Expansion

5.80 - 9.60

$+10^\circ = D_1 + 0.0025$

9.61 - 21.10

$+10^\circ = D_1 + 0.0035$

21.11 - 51.1

$+10^\circ = D_1 + 0.0050$

Matière de coupe

☐ HM

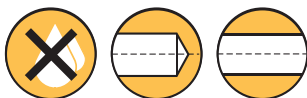
☐ HM + TiAlN

☐ CERMET

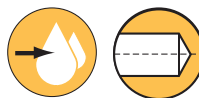
☐ Autre: _____

Arrosage

☐



☐



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