

DIAMETAL®

BURINS INTERIEURS

FR-IT



BURINS INTERIEURS

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Porte-outils à serrage hydraulique
Portautensili a serraggio idraulico

MTH

Porte-outils à serrage mécanique
Portautensili a serraggio meccanico

BOT

Burins d'alésage
Bareno per interni d'alesatura

BCT

Burins d'alésage-copiage
Bareno per interni d'alesatura-copiatura

COT

Burins de copiage
Bareno per interni di copiatura

GRT

Burins à gorge
Bareno per interni a gola

THT

Burins de filetage
Bareno per interni di filettatura

ADG

Jauges d'alignement
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BURINS INTERIEURS

Pièces de rechange et accessoires
Pezzi di ricambio e accessori

271

272

274

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288

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293

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BURINS INTERIEURS

Codification burin
Codifica bareno per interni

01	02	03	04	05	06	Art. N°
BOT	4	R	0.20	0.60	0.02	450333

- 01

Application
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Informations complémentaires
Ulteriori informazioni

BOT
Alésage
Alesatura
BCT
Alésage / Copiage
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COT
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THT
Filetage
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- 02

Diamètre de queue du burin
Diametro del codolo del bareno per interni

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Direction
Direzione

L
Gauche
Sinistra
R
Droite
Destra

- 04

Diamètre mini
Diametro minimo

- 05

Longueur utile
Lunghezza utile

BURINS INTERIEURS

Codification porte-outil
Codifica portautensili

01	02	03	04	Art. N°
HTH	25	4	30/55	450251

01 Exécution
Esecuzione

HTH
Serrage hydraulique
Serraggio idraulico
MTH
Serrage mécanique
Serraggio meccanico

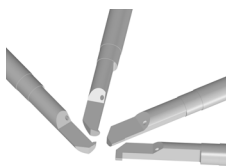
02 Diamètre de queue du porte-outil
Diametro del codolo del portautensili

03 Diamètre alésage
Diametro d'alesatura

04 Longueurs
Lunghezze

BURINS INTERIEURS

Points forts
Punti di forza



Programme complet

Le programme offre un choix complet de burins intérieurs en métal dur avec trou d'arrosage pour des opérations telles que l'alésage, le fonçage, le copiage et le filetage.

Programma completo

Il programma offre una selezione completa di barení per interni in metallo duro con fori di raffreddamento per operazioni quali foratura, svasatura, copiatura e filettatura.

Porte-outils à serrage hydraulique HTH



Grâce à leur exécution hautement précise et à leur fonction antivibratoire, les porte-outils à serrage hydraulique assurent un niveau de mal-rond inférieur à 0.001 mm et permettent une stabilité extrême lors du changement des outils.

Portautensili idraulici e meccanici

I portautensili sono disponibili in due versioni ad alta precisione: idraulica (HTH) e meccanica (MTH). Consentono di eseguire diverse operazioni come la tornitura interna, la foratura e la fresatura.

Porte-outils à serrage mécanique MTH

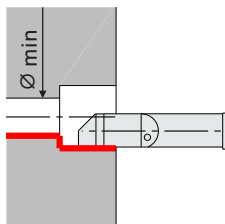


De conception plus simple mais très précise, les porte-outils à serrage mécanique MTH à 4 vis permettent d'atteindre un niveau de mal-rond inférieur à 0.003 mm.

Allineamento preciso

Grazie al loro perno di posizionamento cilindrico, i due portautensili HTH e MTH garantiscono un allineamento perfetto dei barení per interni.

Alésage de petits diamètres

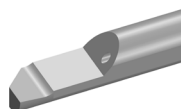


Les burins d'alésage permettent de tourner des trous allant jusqu'à un diamètre minimum de 0.20 mm.

Alesatura di piccoli diametri

I barení per interni d'alesatura possono eseguire fori fino a un diametro minimo di 0.20 mm.

Arrosage intégré



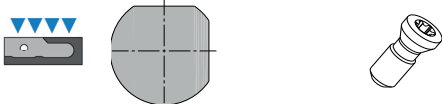
Les deux types de porte-outils HTH et MTH sont préparés pour une utilisation avec arrosage.

Refrigerante integrato

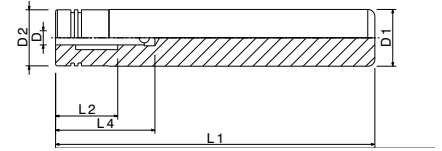
Entrambi i portautensili HTH e MTH sono predisposti per l'utilizzo con refrigerante.

HTH FRONT TYPE

Porte-outils de très grande précision à serrage hydraulique
Portautensili di alta precisione a serraggio idraulico



CITIZEN

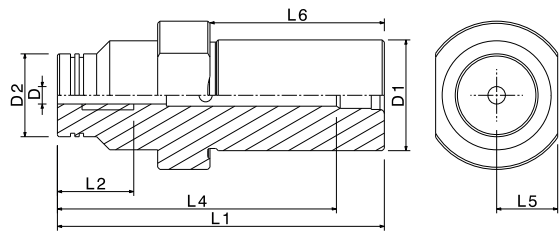
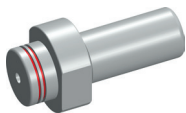


D	D1	D2	L1	L2	L4	L5	L6	Art. N°
HTH19.05-110								C / L20 / M16
3.00	19.05	19.05	110.00	17.50	40.00	-	-	450242
4.00	19.05	19.05	110.00	21.00	40.00	-	-	450243
6.00	19.05	19.05	110.00	23.00	52.00	-	-	450244
HTH25.4-110								C / L32 / M
3.00	25.40	25.40	110.00	17.50	40.00	-	-	450245
4.00	25.40	25.40	110.00	21.00	40.00	-	-	450246
6.00	25.40	25.40	110.00	23.00	52.00	-	-	450247

HTH BACK TYPE

Porte-outils de très grande précision à serrage hydraulique
Portautensili ad alta precisione a serraggio idraulico

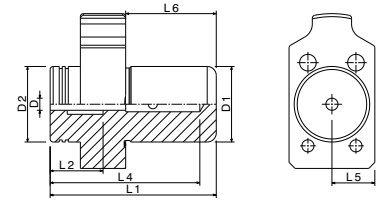
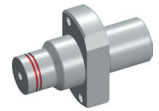
CITIZEN



D	D1	D2	L1	L2	L4	L5	L6	Art. N°
HTH19.05-40/63								C / L20 / M16
3.00	19.05	20.00	63.00	17.50	53.00	13.50	40.00	450248
4.00	19.05	22.00	63.00	21.00	53.00	14.00	40.00	450249
6.00	19.05	24.00	63.00	23.00	53.00	15.00	40.00	450250

HTH BACK TYPE

Porte-outils de très grande précision à serrage hydraulique
Portautensili ad alta precisione a serraggio idraulico

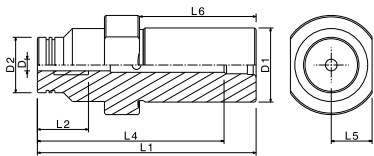
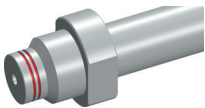


D	D1	D2	L1	L2	L4	L5	L6	Art. N°
HTH25-30/55								C / L / M20 / M32
4.00	25.00	25.00	55.00	21.00	45.00	14.20	30.00	450251
6.00	25.00	25.00	55.00	23.00	45.00	14.20	30.00	450252

HTH BACK TYPE

Porte-outils de très grande précision à serrage hydraulique
Portautensili ad alta precisione a serraggio idraulico

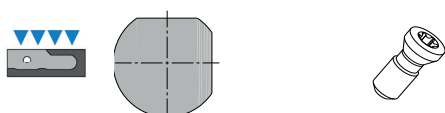
CITIZEN



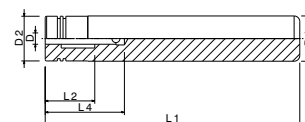
D	D1	D2	L1	L2	L4	L5	L6	Art. N°
HTH25.4-40/75								C / L / M32
4.00	25.40	19.00	75.00	21.00	46.00	14.00	40.00	450253
6.00	25.40	20.00	75.00	23.00	51.00	15.00	40.00	450254

HTH FRONT TYPE

Porte-outils de très grande précision à serrage hydraulique
Portautensili ad alta precisione a serraggio idraulico



STAR



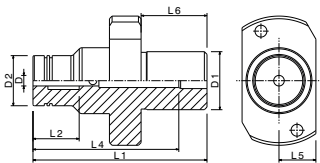
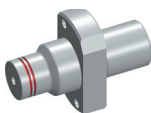
D	D1	D2	L1	L2	L4	L5	L6	Art. N°
HTH16-90								SR-10J
3.00	16.00	16.00	90.00	17.50	40.00	-	-	450255
4.00	16.00	16.00	90.00	21.00	40.00	-	-	450256
6.00	16.00	16.00	90.00	23.00	37.00	-	-	450257
HTH22-110								12 / 20
3.00	22.00	22.00	110.00	17.50	40.00	-	-	450258
4.00	22.00	22.00	110.00	21.00	40.00	-	-	450259
6.00	22.00	22.00	110.00	23.00	52.00	-	-	450260
HTH32-110								32
3.00	32.00	32.00	110.00	17.50	40.00	-	-	450261
4.00	32.00	32.00	110.00	21.00	40.00	-	-	450262
6.00	32.00	32.00	110.00	23.00	52.00	-	-	450263

HTH BACK TYPE

Porte-outils de très grande précision à serrage hydraulique
Portautensili ad alta precisione a serraggio idraulico



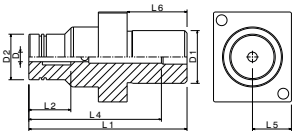
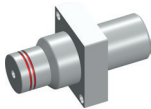
STAR



D	D1	D2	L1	L2	L4	L5	L6	Art. N°
HTH22-25/66A								12 / 20
4.00	22.00	19.00	66.00	21.00	56.00	14.00	25.00	450264
6.00	22.00	20.00	66.00	23.00	47.00	14.00	25.00	450265

HTH BACK TYPE

Porte-outils de très grande précision à serrage hydraulique
Portautensili ad alta precisione a serraggio idraulico

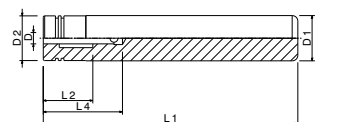
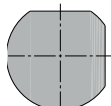


D	D1	D2	L1	L2	L4	L5	L6	Art. N°
HTH22-25/66B								SW20 / SR20IV
4.00	22.00	19.00	66.00	21.00	56.00	16.25	25.00	450266
6.00	22.00	20.00	66.00	23.00	47.00	16.25	25.00	450267

HTH FRONT TYPE

Porte-outils de très grande précision à serrage hydraulique
Portautensili ad alta precisione a serraggio idraulico

TSUGAMI



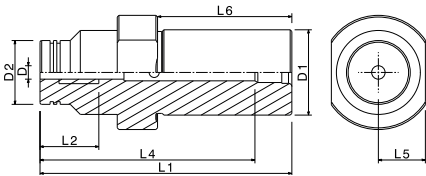
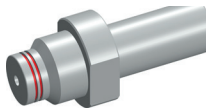
D	D1	D2	L1	L2	L4	L5	L6	Art. N°
HTH16-50								P01 / P03
3.00	16.00	16.00	50.00	17.50	28.00	-	-	450268
4.00	16.00	16.00	50.00	21.00	28.00	-	-	450269
HTH20-110								BO12 / 20 / S20
3.00	20.00	20.00	110.00	17.50	40.00	-	-	450270
4.00	20.00	20.00	110.00	21.00	40.00	-	-	450271
6.00	20.00	20.00	110.00	23.00	52.00	-	-	450272
HTH25-110								32
3.00	25.00	25.00	110.00	17.50	40.00	-	-	450273
4.00	25.00	25.00	110.00	21.00	40.00	-	-	450274
6.00	25.00	25.00	110.00	23.00	52.00	-	-	450275

HTH BACK TYPE

Porte-outils de très grande précision à serrage hydraulique
Portautensili ad alta precisione a serraggio idraulico



TSUGAMI

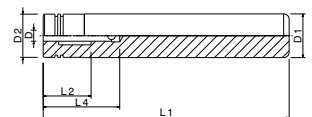
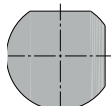


D	D1	D2	L1	L2	L4	L5	L6	Art. N°
HTH20-40/75								BO12 / 20 / S20
4.00	20.00	19.00	75.00	21.00	46.00	14.00	40.00	450276
6.00	20.00	20.00	75.00	23.00	51.00	15.00	40.00	450277
HTH25-60/95								32
4.00	25.00	19.00	95.00	21.00	46.00	14.00	60.00	450278
6.00	25.00	20.00	95.00	23.00	51.00	15.00	60.00	450279

HTH FRONT TYPE

Porte-outils de très grande précision à serrage hydraulique
Portautensili ad alta precisione a serraggio idraulico

TORNOS



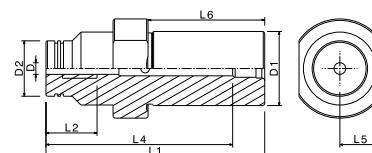
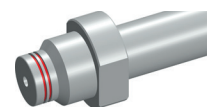
D	D1	D2	L1	L2	L4	L5	L6	Art. N°
HTH16-50								Micro 7 / Micro 8
3.00	16.00	16.00	50.00	17.50	28.00	-	-	450268
4.00	16.00	16.00	50.00	21.00	28.00	-	-	450269
HTH16-90								Swiss Nano
3.00	16.00	16.00	90.00	17.50	40.00	-	-	450255
4.00	16.00	16.00	90.00	21.00	40.00	-	-	450256
6.00	16.00	16.00	90.00	23.00	37.00	-	-	450257
HTH20-110								Gamma 20
3.00	20.00	20.00	110.00	17.50	40.00	-	-	450270
4.00	20.00	20.00	110.00	21.00	40.00	-	-	450271
6.00	20.00	20.00	110.00	23.00	52.00	-	-	450272
HTH22-110								Delta 20 / Gamma 20
3.00	22.00	22.00	110.00	17.50	40.00	-	-	450258
4.00	22.00	22.00	110.00	21.00	40.00	-	-	450259
6.00	22.00	22.00	110.00	23.00	52.00	-	-	450260
HTH25-110								Deco 7 / Deco 10 / Deco 13 / Deco 20
3.00	25.00	25.00	110.00	17.50	40.00	-	-	450273
4.00	25.00	25.00	110.00	21.00	40.00	-	-	450274
6.00	25.00	25.00	110.00	23.00	52.00	-	-	450275

HTH BACK TYPE

Porte-outils de très grande précision à serrage hydraulique
Portautensili ad alta precisione a serraggio idraulico



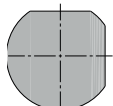
TORNOS



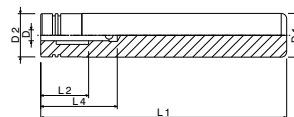
D	D1	D2	L1	L2	L4	L5	L6	Art. N°
HTH20-40/75							GT13 / GT16 / Gamma 20	
4.00	20.00	19.00	75.00	21.00	46.00	14.00	40.00	450276
6.00	20.00	20.00	75.00	23.00	51.00	15.00	40.00	450277
HTH25-60/95							Deco 7 / Deco 10 / Deco 13 / Deco 20	
4.00	25.00	19.00	95.00	21.00	46.00	14.00	60.00	450278
6.00	25.00	20.00	95.00	23.00	51.00	15.00	60.00	450279

HTH FRONT TYPE

Porte-outils de très grande précision à serrage hydraulique
Portautensili ad alta precisione a serraggio idraulico



HANWHA



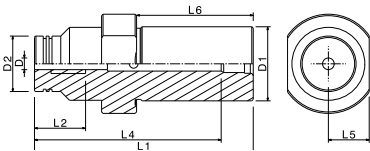
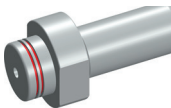
D	D1	D2	L1	L2	L4	L5	L6	Art .N°
HTH20-110								SL12H
3.00	20.00	20.00	110.00	17.50	40.00	-	-	450270
4.00	20.00	20.00	110.00	21.00	40.00	-	-	450271
6.00	20.00	20.00	110.00	23.00	52.00	-	-	450272
HTH25-110								20
3.00	25.00	25.00	110.00	17.50	40.00	-	-	450273
4.00	25.00	25.00	110.00	21.00	40.00	-	-	450274
6.00	25.00	25.00	110.00	23.00	52.00	-	-	450275
HTH32-110								32
3.00	32.00	32.00	110.00	17.50	40.00	-	-	450261
4.00	32.00	32.00	110.00	21.00	40.00	-	-	450262
6.00	32.00	32.00	110.00	23.00	52.00	-	-	450263

HTH BACK TYPE

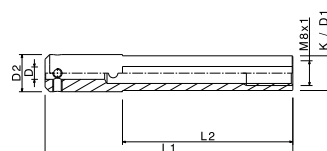
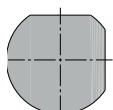
Porte-outils de très grande précision à serrage hydraulique
Portautensili ad alta precisione a serraggio idraulico



HANWHA



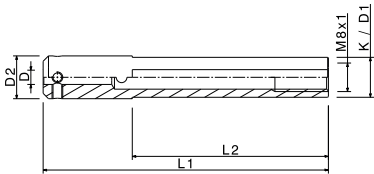
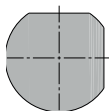
D	D1	D2	L1	L2	L4	L5	L6	Art. N°
HTH25-60/95								12 / 20 / 32
4.00	25.00	19.00	95.00	21.00	46.00	14.00	60.00	450278
6.00	25.00	20.00	95.00	23.00	51.00	15.00	60.00	450279



D	D1	D2	L1	L2	L4	L5	L6	K	Art. N°
MTH10									
4.00	10.00	10.00	80.00	55.00	-	-	-	8.80	450309
MTH12									
4.00	12.00	12.00	80.00	55.00	-	-	-	11.20	450310
6.00	12.00	12.00	80.00	55.00	-	-	-	11.20	450311
MTH13									
4.00	13.00	12.00	80.00	55.00	-	-	-	11.20	450312
6.00	13.00	12.00	80.00	55.00	-	-	-	11.20	450313
MTH16									
4.00	16.00	12.00	80.00	55.00	-	-	-	14.00	450314
6.00	16.00	12.00	80.00	55.00	-	-	-	14.00	450315
MTH19.05									
4.00	19.05	12.00	100.00	70.00	-	-	-	17.00	450316
6.00	19.05	12.00	100.00	70.00	-	-	-	17.00	450317

MTH

Porte outils de précision à serrage mécanique
Portautensili ad precisione a serraggio meccanico



D	D1	D2	L1	L2	L4	L5	L6	K	Art. N°
MTH20									
4.00	20.00	12.00	100.00	70.00	-	-	-	18.00	450318
6.00	20.00	12.00	100.00	70.00	-	-	-	18.00	450319
MTH22									
4.00	22.00	12.00	100.00	70.00	-	-	-	20.00	450320
6.00	22.00	12.00	100.00	70.00	-	-	-	20.00	450321
MTH25									
4.00	25.00	12.00	100.00	80.00	-	-	-	23.00	450322
6.00	25.00	12.00	100.00	80.00	-	-	-	23.00	450323
MTH25.4									
4.00	25.40	12.00	100.00	80.00	-	-	-	23.40	450324
6.00	25.40	12.00	100.00	80.00	-	-	-	23.40	450325

BOT

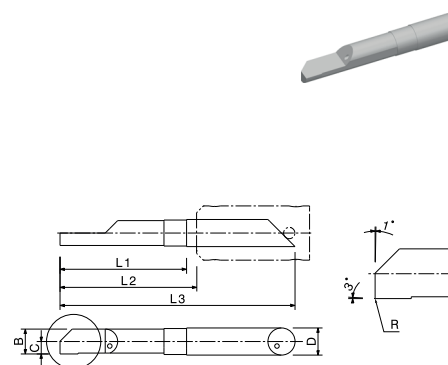
Burins d'alésage avec arrosage intégré
Barenì per interni di alesatura con refrigerante integrato



P1	P2	P3	P4	P5	M1	M2	M3		N1	N2
N3	N4	N5	N6	N7	N8	S1	S2	S3		



Finition
Finitura



D	Ø min.	L1	L2		B	C	R	L3	Non rivestito Art. N°
			HTH	MTH					

BOT R

4.00	0.20	0.60	11.00	17.20	0.17	0.10	0.02	39.00	450333
4.00	0.20	1.00	11.00	17.20	0.17	0.10	0.02	39.00	450334
4.00	0.30	0.90	11.00	17.20	0.26	0.16	0.02	39.00	450335
4.00	0.30	1.20	11.00	17.20	0.26	0.16	0.02	39.00	450336
4.00	0.50	1.50	11.00	17.20	0.45	0.26	0.02	39.00	450337
4.00	0.50	2.00	11.00	17.20	0.45	0.26	0.02	39.00	450338
4.00	0.80	2.50	11.00	17.20	0.75	0.41	0.05	39.00	450339
4.00	0.80	4.00	11.00	17.20	0.75	0.41	0.05	39.00	450340
4.00	1.00	3.00	11.00	17.20	0.90	0.51	0.02	39.00	450341
4.00	1.00	5.00	11.00	17.20	0.90	0.51	0.02	39.00	450342
4.00	1.50	4.50	11.00	17.20	1.40	0.76	0.02	39.00	450343
4.00	1.50	7.50	11.00	17.20	1.40	0.76	0.02	39.00	450344
4.00	2.00	6.00	11.00	17.20	1.90	1.01	0.02	39.00	450345
4.00	2.00	10.00	16.00	22.20	1.90	1.01	0.02	44.00	450346
4.00	2.50	7.50	11.00	17.20	2.30	1.26	0.05	39.00	450347
4.00	2.50	12.00	16.00	22.20	2.30	1.26	0.05	44.00	450348
4.00	3.00	9.00	16.00	22.20	2.70	1.51	0.05	44.00	450349
4.00	3.00	15.00	21.00	27.20	2.70	1.51	0.05	49.00	450350
4.00	3.50	10.00	16.00	22.20	3.20	1.76	0.05	44.00	450351
4.00	3.50	18.00	21.00	27.20	3.20	1.76	0.05	49.00	450352
4.00	4.00	12.00	21.00	27.20	3.80	2.01	0.05	49.00	450353
4.00	4.00	20.00	31.00	37.20	3.80	2.01	0.05	59.00	450354
6.00	4.00	12.00	21.00	27.20	3.80	2.01	0.05	49.00	450355
6.00	4.00	20.00	31.00	37.20	3.80	2.01	0.05	59.00	450356
6.00	4.50	13.00	21.00	27.20	4.28	2.26	0.05	49.00	450357
6.00	4.50	22.00	31.00	37.20	4.28	2.26	0.05	59.00	450358
6.00	5.00	15.00	21.00	27.20	4.75	2.51	0.05	49.00	450359
6.00	5.00	25.00	31.00	37.20	4.75	2.51	0.05	59.00	450360
6.00	6.00	18.00	21.00	27.20	5.50	3.01	0.10	49.00	450361
6.00	6.00	28.00	31.00	37.20	5.50	3.01	0.10	59.00	450362

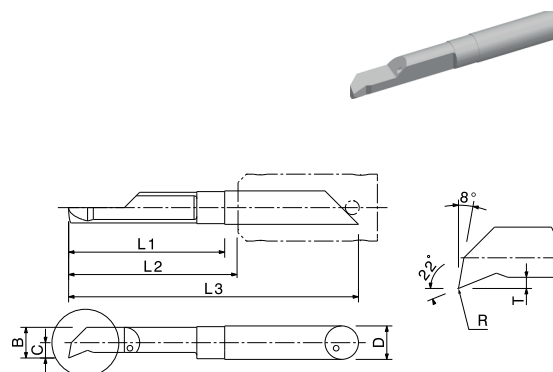
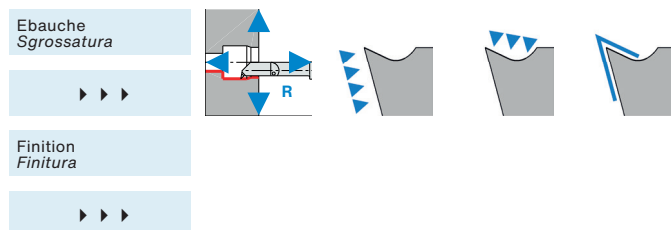
Autres exécutions sur demande
Altre esecuzioni su richiesta

BCT

Burins d'alésage-copiage avec arrosage intégré
Bareni per interni di alesatura-copiatura con refrigerante integrato



P1	P2	P3	P4	P5	M1	M2	M3		N1	N2
N3	N4	N5	N6	N7	N8	S1	S2	S3		



D	Ø min.	L1	L2		T	B	C	R	L3	Non revêtu Non rivestito Art. N°
			HTH	MTH						

BCT R

4.00	0.50	1.50	11.00	17.20	0.05	0.45	0.26	0.02	39.00	450363
4.00	0.50	2.00	11.00	17.20	0.05	0.45	0.26	0.02	39.00	450364
4.00	0.80	2.00	11.00	17.20	0.10	0.70	0.41	0.05	39.00	450365
4.00	0.80	3.50	11.00	17.20	0.10	0.70	0.41	0.05	39.00	450366
4.00	1.00	3.00	11.00	17.20	0.15	0.90	0.70	0.05	39.00	450367
4.00	1.00	5.00	11.00	17.20	0.15	0.90	0.70	0.05	39.00	450368
4.00	1.50	4.50	11.00	17.20	0.23	1.35	0.75	0.05	39.00	450369
4.00	1.50	7.00	11.00	17.20	0.23	1.35	0.75	0.05	39.00	450370
4.00	2.00	6.00	11.00	17.20	0.30	1.80	1.15	0.05	39.00	450371
4.00	2.00	10.00	16.00	22.20	0.30	1.80	1.15	0.05	44.00	450372
4.00	2.50	7.00	11.00	17.20	0.38	2.25	1.30	0.10	39.00	450373
4.00	2.50	12.00	16.00	22.20	0.38	2.25	1.30	0.10	44.00	450374
4.00	3.00	9.00	16.00	22.20	0.45	2.70	1.35	0.10	44.00	450375
4.00	3.00	15.00	21.00	27.20	0.45	2.70	1.35	0.10	49.00	450376
4.00	3.50	10.00	16.00	22.20	0.53	3.15	1.60	0.10	44.00	450377
4.00	3.50	18.00	21.00	27.20	0.53	3.15	1.60	0.10	49.00	450378
4.00	4.00	12.00	21.00	27.20	0.60	3.80	2.20	0.10	49.00	450379
4.00	4.00	20.00	31.00	37.20	0.60	3.80	2.20	0.10	59.00	450380
6.00	4.00	12.00	21.00	27.20	0.60	3.80	2.20	0.10	49.00	450381
6.00	4.00	20.00	31.00	37.20	0.60	3.80	2.20	0.10	59.00	450382
6.00	4.50	13.00	21.00	27.20	0.68	4.28	2.30	0.15	49.00	450383
6.00	4.50	22.00	31.00	37.20	0.68	4.28	2.30	0.15	59.00	450384
6.00	5.00	15.00	21.00	27.20	0.75	4.75	2.40	0.15	49.00	450385
6.00	5.00	25.00	31.00	37.20	0.75	4.75	2.40	0.15	59.00	450386
6.00	5.50	16.00	21.00	27.20	0.83	5.15	2.60	0.15	49.00	450387
6.00	5.50	28.00	31.00	37.20	0.83	5.15	2.60	0.15	59.00	450388

Autres exécutions sur demande
Altre esecuzioni su richiesta

COT

Burins de copiage avec arrosage intégré
Bareni per interni di alesatura con refrigerante integrato

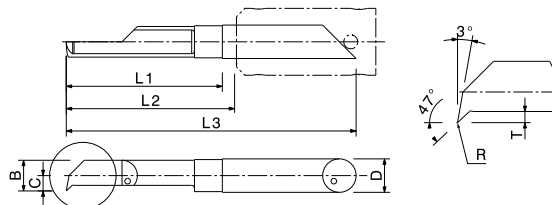


P1	P2	P3	P4	P5	M1	M2	M3		N1	N2
N3	N4	N5	N6	N7	N8	S1	S2	S3		

Ebauche
Sgrossatura



Finition
Finitura



D	Ø min.	L1	L2		T	B	C	R	L3	Non rivestito Non rivestito Art. N°
			HTH	MTH						

COT R

4.00	1.00	3.00	11.00	17.20	0.15	0.90	0.70	0.02	39.00	450389
4.00	1.00	5.00	16.00	22.20	0.15	0.90	0.70	0.02	44.00	450390
4.00	2.00	6.00	11.00	17.20	0.35	1.80	1.15	0.05	39.00	450391
4.00	2.00	10.00	16.00	22.20	0.35	1.80	1.15	0.05	44.00	450392
4.00	2.50	7.00	11.00	17.20	0.50	2.25	1.35	0.05	39.00	450393
4.00	2.50	7.00	11.00	17.20	0.50	2.25	1.35	0.10	39.00	460659
4.00	2.50	12.00	16.00	22.20	0.50	2.25	1.35	0.05	44.00	450394
4.00	3.00	9.00	16.00	22.20	0.60	2.70	1.45	0.10	44.00	450395
4.00	3.00	15.00	21.00	27.20	0.60	2.70	1.45	0.10	49.00	450396
4.00	3.50	10.00	16.00	22.20	0.70	3.15	1.60	0.10	44.00	450397
4.00	3.50	17.00	21.00	27.20	0.70	3.15	1.60	0.10	49.00	450398
4.00	4.00	12.00	21.00	27.20	0.80	3.80	2.30	0.10	49.00	450399
4.00	4.00	20.00	31.00	37.20	0.80	3.80	2.30	0.10	59.00	450400
4.00	4.00	20.00	31.00	37.20	0.80	3.80	2.30	0.15	59.00	460760
6.00	4.00	12.00	21.00	27.20	0.80	3.80	2.30	0.10	49.00	450401
6.00	4.00	20.00	31.00	37.20	0.80	3.80	2.30	0.10	59.00	450402
6.00	4.50	13.00	21.00	27.20	0.90	4.28	2.40	0.15	49.00	450403
6.00	4.50	22.00	31.00	37.20	0.90	4.28	2.40	0.15	59.00	450404
6.00	5.00	15.00	21.00	27.20	1.00	4.75	2.50	0.15	49.00	450405
6.00	5.00	25.00	31.00	37.20	1.00	4.75	2.50	0.15	59.00	450406
6.00	5.50	17.00	21.00	27.20	1.10	5.15	2.60	0.15	49.00	450407
6.00	5.50	28.00	31.00	37.20	1.10	5.15	2.60	0.15	59.00	450408

Autres exécutions sur demande
Altre esecuzioni su richiesta

GRT

Burins à gorge avec arrosage intégré
Bareni per interni di alesatura con refrigerante integrato



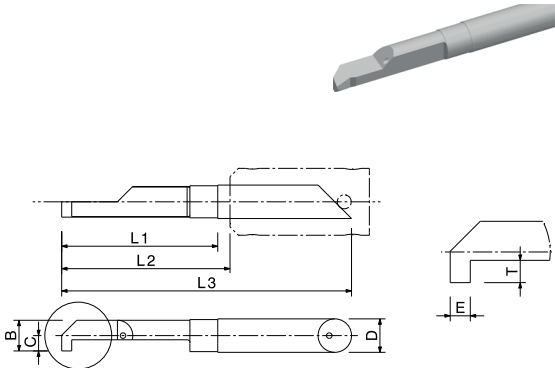
P1	P2	P3	P4	P5	M1	M2	M3		N1	N2
N3	N4	N5	N6	N7	N8	S1	S2	S3		

Ebauche
Sgrossatura

►►►

Finition
Finitura

►►►



D	Ø min.	L1	L2		E	T	B	C	L3	Non revêtu Non rivestito Art. N°
			HTH	MTH						

GRT R										
4.00	3.00	9.00	16.00	22.20	0.50	0.60	2.75	1.45	44.00	450409
4.00	3.00	15.00	21.00	27.20	0.50	0.60	2.75	1.45	49.00	450410
4.00	3.50	10.00	16.00	22.20	0.75	0.70	3.20	1.65	44.00	450411
4.00	3.50	18.00	21.00	27.20	0.75	0.70	3.20	1.65	49.00	450412
4.00	4.00	12.00	21.00	27.20	1.00	0.80	3.80	2.20	49.00	450413
4.00	4.00	20.00	31.00	37.20	1.00	0.80	3.80	2.20	59.00	450414
6.00	4.50	14.00	21.00	27.20	1.00	1.20	4.30	2.40	49.00	450415
6.00	4.50	23.00	31.00	37.20	1.00	1.20	4.30	2.40	59.00	450416
6.00	5.00	15.00	21.00	27.20	1.20	1.50	4.80	2.50	49.00	450417
6.00	5.00	25.00	31.00	37.20	1.20	1.50	4.80	2.50	59.00	450418
6.00	5.50	17.00	21.00	27.20	1.50	1.60	5.20	2.60	49.00	450419
6.00	5.50	28.00	31.00	37.20	1.50	1.60	5.20	2.60	59.00	450420
6.00	6.00	17.00	21.00	27.20	1.80	2.00	5.80	3.20	49.00	450421
6.00	6.00	28.00	31.00	37.20	1.80	2.00	5.80	3.20	59.00	450422

THT

Burins de filetage avec arrosage intégré
Bareni per interni di filettatura con refrigerante integrato

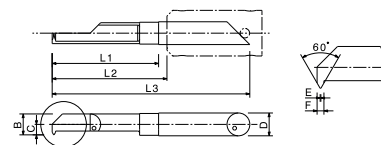


P1	P2	P3	P4	P5	M1	M2	M3		N1	N2
N3	N4	N5	N6	N7	N8	S1	S2	S3		

Ebauche
Sgrossatura



Finition
Finitura

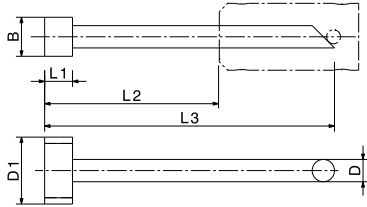


D	Ø min.	L1	L2		Pas Passo P	E	F	B	C	L3	Non rivêtu Non rivestito Art. N°
			HTH	MTH							

THT R

4.00	1.20	3.50	11.00	17.20	0.20-0.35	0.02	0.30	1.10	0.80	39.00	450423
4.00	1.60	4.00	11.00	17.20	0.25-0.40	0.03	0.35	1.40	0.80	39.00	450424
4.00	2.50	6.00	11.00	17.20	0.35-0.50	0.04	0.44	2.25	1.35	39.00	450425
4.00	2.50	9.00	16.00	22.20	0.35-0.50	0.04	0.44	2.25	1.35	44.00	450426
4.00	3.20	8.00	16.00	22.20	0.50-0.70	0.05	0.62	2.85	1.50	44.00	450427
4.00	3.20	12.00	16.00	22.20	0.50-0.70	0.05	0.62	2.85	1.50	44.00	450428
4.00	4.00	8.00	16.00	22.20	0.50-0.70	0.05	0.62	3.70	2.10	44.00	450429
4.00	4.00	12.00	16.00	22.20	0.50-0.70	0.05	0.62	3.70	2.10	44.00	450430
6.00	4.20	10.00	21.00	27.20	0.50-0.80	0.06	0.70	3.90	2.40	49.00	450431
6.00	4.20	15.00	21.00	27.20	0.50-0.80	0.06	0.70	3.90	2.40	49.00	450432
6.00	5.00	12.00	21.00	27.20	0.75-1.00	0.09	0.89	4.50	2.20	49.00	450433
6.00	5.00	18.00	21.00	27.20	0.75-1.00	0.09	0.89	4.50	2.20	49.00	450434

Autres exécutions sur demande
Altre esecuzioni su richiesta



D	D1	B	L1	L2		L3	Non revêtu Non rivestito Art. N°
				HTH	MTH		
ADG							
4.00	20.00	10.00	5.00	16.00	22.20	44.00	450435
6.00	20.00	10.00	5.00	16.00	22.20	44.00	453866

BURINS INTERIEURS

Pièces de rechange et accessoires
Pezzi di ricambio e accessori

Désignation Designazione			
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HTH

HTH16-*	DYK3	450330	SPK8	450326
HTH19.05-40/63	DYK4	450331	SPK12	450327
HTH19.05-110	DYK3	450330	SPK12	450327
HTH20-40/75	DYK4	450331	SPK12	450327
HTH20-110	DYK3	450330	SPK12	450327
HTH22-*	DYK4	450331	SPK14	450328
HTH25-*	DYK4	450331	SPK16	450329
HTH25.4-*	DYK4	450331	SPK16	450329
HTH32-110	DYK4	450331	SPK16	450329

Désignation Designazione	
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MTH

MTH*	M3.0 x 3.0	450332
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