



uncoated

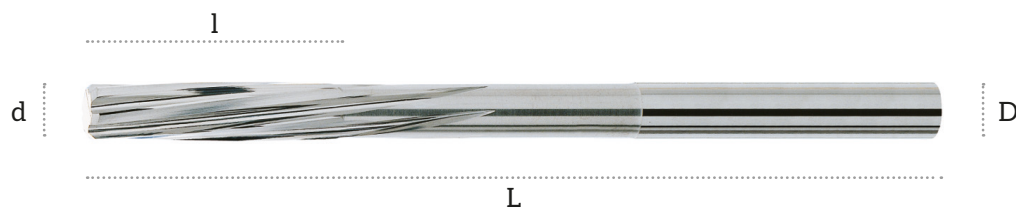
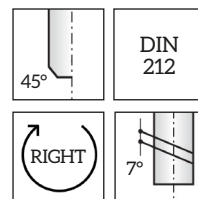
TSR 4020 C

Alesatore elicoidale 1/100, spirale sinistra

Left hand twist reamer 1/100

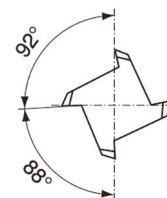
Aléssoir hélicoïdal 1/100, hélice à gauche

Reibahle-spiralgenutet Linksdraht 1/100

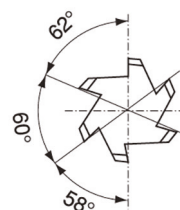


d +0,005	D h6	L	l	Z	uncoated
0.95	1.50	40	5	4	TSR 4020C-0095
0.96	1.50	40	5	4	TSR 4020C-0096
0.97	1.50	40	5	4	TSR 4020C-0097
0.98	1.50	40	5	4	TSR 4020C-0098
0.99	1.50	40	5	4	TSR 4020C-0099
1.01	1.50	40	5	4	TSR 4020C-0101
1.02	1.50	40	5	4	TSR 4020C-0102
1.03	1.50	40	5	4	TSR 4020C-0103
1.04	1.50	40	5	4	TSR 4020C-0104
1.05	1.50	40	5	4	TSR 4020C-0105
1.97	2.00	49	11	4	TSR 4020C-0197
1.98	2.00	49	11	4	TSR 4020C-0198
1.99	2.00	49	11	4	TSR 4020C-0199
2.01	2.00	49	11	4	TSR 4020C-0201
2.02	2.00	49	11	4	TSR 4020C-0202
2.03	2.00	49	11	4	TSR 4020C-0203
2.04	2.00	49	11	4	TSR 4020C-0204
2.05	2.00	49	11	4	TSR 4020C-0205
2.97	3.00	61	15	6	TSR 4020C-0297
2.98	3.00	61	15	6	TSR 4020C-0298
2.99	3.00	61	15	6	TSR 4020C-0299
3.01	3.00	61	15	6	TSR 4020C-0301
3.02	3.00	61	15	6	TSR 4020C-0302
3.03	3.00	61	15	6	TSR 4020C-0303
3.04	3.00	61	15	6	TSR 4020C-0304
3.05	3.00	61	15	6	TSR 4020C-0305

Z=4
92° / 88°
< Ø 4,75



Z=6
62° / 60° / 58°
> Ø 4,75



d + 0,005	D h6	L	l	Z	uncoated
3.97	4.00	75	19	6	TSR 4020C-0397
3.98	4.00	75	19	6	TSR 4020C-0398
3.99	4.00	75	19	6	TSR 4020C-0399
4.01	4.00	75	19	6	TSR 4020C-0401
4.02	4.00	75	19	6	TSR 4020C-0402
4.03	4.00	75	19	6	TSR 4020C-0403
4.04	4.00	75	19	6	TSR 4020C-0404
4.05	4.00	75	19	6	TSR 4020C-0405
4.97	5.00	86	23	6	TSR 4020C-0497
4.98	5.00	86	23	6	TSR 4020C-0498
4.99	5.00	86	23	6	TSR 4020C-0499
5.01	5.00	86	23	6	TSR 4020C-0501
5.02	5.00	86	23	6	TSR 4020C-0502
5.03	5.00	86	23	6	TSR 4020C-0503
5.04	5.00	86	23	6	TSR 4020C-0504
5.05	5.00	86	23	6	TSR 4020C-0505
5.97	6.00	93	26	6	TSR 4020C-0597
5.98	6.00	93	26	6	TSR 4020C-0598
5.99	6.00	93	26	6	TSR 4020C-0599
6.01	6.00	93	26	6	TSR 4020C-0601
6.02	6.00	93	26	6	TSR 4020C-0602
6.03	6.00	93	26	6	TSR 4020C-0603
6.04	6.00	93	26	6	TSR 4020C-0604
6.05	6.00	93	26	6	TSR 4020C-0605
6.97	8.00	109	31	6	TSR 4020C-0697
6.98	8.00	109	31	6	TSR 4020C-0698
6.99	8.00	109	31	6	TSR 4020C-0699
7.01	8.00	109	31	6	TSR 4020C-0701
7.02	8.00	109	31	6	TSR 4020C-0702
7.03	8.00	109	31	6	TSR 4020C-0703
7.04	8.00	109	31	6	TSR 4020C-0704
7.05	8.00	109	31	6	TSR 4020C-0705
7.97	8.00	117	33	6	TSR 4020C-0797
7.98	8.00	117	33	6	TSR 4020C-0798
7.99	8.00	117	33	6	TSR 4020C-0799
8.01	8.00	117	33	6	TSR 4020C-0801

d + 0,005	D h6	L	l	Z	uncoated
8.02	8.00	117	33	6	TSR 4020C-0802
8.03	8.00	117	33	6	TSR 4020C-0803
8.04	8.00	117	33	6	TSR 4020C-0804
8.05	8.00	117	33	6	TSR 4020C-0805
8.97	10.00	125	36	6	TSR 4020C-0897
8.98	10.00	125	36	6	TSR 4020C-0898
8.99	10.00	125	36	6	TSR 4020C-0899
9.01	10.00	125	36	6	TSR 4020C-0901
9.02	10.00	125	36	6	TSR 4020C-0902
9.03	10.00	125	36	6	TSR 4020C-0903
9.04	10.00	125	36	6	TSR 4020C-0904
9.05	10.00	125	36	6	TSR 4020C-0905
9.97	10.00	133	38	6	TSR 4020C-0997
9.98	10.00	133	38	6	TSR 4020C-0998
9.99	10.00	133	38	6	TSR 4020C-0999
10.01	10.00	133	38	6	TSR 4020C-1001
10.02	10.00	133	38	6	TSR 4020C-1002
10.03	10.00	133	38	6	TSR 4020C-1003
10.04	10.00	133	38	6	TSR 4020C-1004
10.05	10.00	133	38	6	TSR 4020C-1005
10.97	12.00	142	41	6	TSR 4020C-1097
10.98	12.00	142	41	6	TSR 4020C-1098
10.99	12.00	142	41	6	TSR 4020C-1099
11.01	12.00	142	41	6	TSR 4020C-1101
11.02	12.00	142	41	6	TSR 4020C-1102
11.03	12.00	142	41	6	TSR 4020C-1103
11.04	12.00	142	41	6	TSR 4020C-1104
11.05	12.00	142	41	6	TSR 4020C-1105
11.97	12.00	151	44	6	TSR 4020C-1197
11.98	12.00	151	44	6	TSR 4020C-1198
11.99	12.00	151	44	6	TSR 4020C-1199
12.01	12.00	151	44	6	TSR 4020C-1201
12.02	12.00	151	44	6	TSR 4020C-1202
12.03	12.00	151	44	6	TSR 4020C-1203
12.04	12.00	151	44	6	TSR 4020C-1204
12.05	12.00	151	44	6	TSR 4020C-1205

Taglio destro, spirale sinistra, divisione irregolare
Right hand cutting, left hand helix, unequal division
 Hélice à gauche, coupe à droite, division irrégulière
 Linksdrill, Rechtsschneidend, Ungleiche Teilung



scheda tecnica
technical data sheet
 données techniques
 Technisches Datenblatt

Rivestimenti | diametri intermedi | affilatura per fori ciechi
Coating | other sizes | special execution for reaming blind holes
 Revêtement | diamètres intermédiaires | Affûtage pour trou borgne
 Beschichtung | Zwischenabmessungen | Geometrie für das Reiben von Sacklochbohrungen

Su richiesta
On request
 Sur demande
 Auf Anfrage



parametri di lavoro
cutting data
 paramètres d'usinage
 Schnittdaten

Applicazioni
Application groups
 Groupe d'emploi
 Anwendungsgruppen

