

FORMAT Solid carbide NC chucking reamer type 1581



Design: Ultra-fine grain-solid carbide, dimensions similar to DIN 212. Centring up to Ø 3.70 mm on both sides with 90° full point, above with inner centring, with straight shank Ø for standardised mounting in hydraulic expansion chucks and high accuracy chucks. The clamping accuracy is significantly improved due to the narrow tolerance h 6 of the shanks. With cylinder shank Bright surface

Reamer manufacturing tolerances:

Integer diameter and 1/10 mm dimensions correspond with H7,

1/100 mm dimensions from Ø 1.01 to 5.03 mm have a tolerance of 0.00/+0.004 mm, above Ø 5.03 mm have a tolerance of 0.00/+0.005 mm.

Application: For reaming through-holes, also suitable for reaming blind holes due to the short point [from 3.8 mm]. Particularly suitable for high alloy and annealed steels up to 52 HRC, casting materials and soft non-ferrous metals such as aluminium and brass.

Further dimensions available on request.

Type	Diameter mm	Cutting length mm	Total length mm	Holding system	DIN standard	Tolerance	Material	Article
Machine reamer	1	6	50	Cylindrical	212	H7	Solid carbide	23411424
Machine reamer	2	12	50	Cylindrical	212	H7	Solid carbide	23411439
Machine reamer	2.01	12	50	Cylindrical	212	H7	Solid carbide	23411440
Machine reamer	2.02	12	50	Cylindrical	212	H7	Solid carbide	23411441
Machine reamer	2.4	16	60	Cylindrical	212	H7	Solid carbide	23411443
Machine reamer	2.5	16	60	Cylindrical	212	H7	Solid carbide	23411444
Machine reamer	3	17	64	Cylindrical	212	H7	Solid carbide	23411452
Machine reamer	3.01	17	64	Cylindrical	212	H7	Solid carbide	23411453
Machine reamer	3.02	17	64	Cylindrical	212	H7	Solid carbide	23411454
Machine reamer	3.03	17	64	Cylindrical	212	H7	Solid carbide	23411455
Machine reamer	3.1	18	68	Cylindrical	212	H7	Solid carbide	23411456
Machine reamer	3.2	18	68	Cylindrical	212	H7	Solid carbide	23411457
Machine reamer	3.4	20	74	Cylindrical	212	H7	Solid carbide	23411459
Machine reamer	3.5	20	74	Cylindrical	212	H7	Solid carbide	23411460
Machine reamer	3.6	20	74	Cylindrical	212	H7	Solid carbide	23411461
Machine reamer	3.7	20	74	Cylindrical	212	H7	Solid carbide	23411462
Machine reamer	3.8	21	77	Cylindrical	212	H7	Solid carbide	23411463
Machine reamer	3.9	21	77	Cylindrical	212	H7	Solid carbide	23411464
Machine reamer	3.99	21	77	Cylindrical	212	H7	Solid carbide	23411467
Machine reamer	4	21	77	Cylindrical	212	H7	Solid carbide	23411468
Machine reamer	4.01	21	77	Cylindrical	212	H7	Solid carbide	23411469
Machine reamer	4.02	21	77	Cylindrical	212	H7	Solid carbide	23411470
Machine reamer	4.03	21	77	Cylindrical	212	H7	Solid carbide	23411471
Machine reamer	4.1	21	77	Cylindrical	212	H7	Solid carbide	23411472
Machine reamer	4.2	21	82	Cylindrical	212	H7	Solid carbide	23411473
Machine reamer	4.3	23	82	Cylindrical	212	H7	Solid carbide	23411474
Machine reamer	4.4	23	82	Cylindrical	212	H7	Solid carbide	23411475
Machine reamer	4.5	23	82	Cylindrical	212	H7	Solid carbide	23411476
Machine reamer	4.6	23	82	Cylindrical	212	H7	Solid carbide	23411477
Machine reamer	4.8	26	93	Cylindrical	212	H7	Solid carbide	23411479
Machine reamer	4.9	26	93	Cylindrical	212	H7	Solid carbide	23411480
Machine reamer	4.98	26	93	Cylindrical	212	H7	Solid carbide	23411482
Machine reamer	4.99	26	93	Cylindrical	212	H7	Solid carbide	23411483

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Type	Diameter mm	Cutting length mm	Total length mm	Holding system	DIN standard	Tolerance	Material	Article
Machine reamer	5	26	93	Cylindrical	212	H7	Solid carbide	23411484
Machine reamer	5.01	26	93	Cylindrical	212	H7	Solid carbide	23411485
Machine reamer	5.02	26	93	Cylindrical	212	H7	Solid carbide	23411486
Machine reamer	5.03	26	93	Cylindrical	212	H7	Solid carbide	23411487
Machine reamer	5.1	26	93	Cylindrical	212	H7	Solid carbide	23411488
Machine reamer	5.2	26	93	Cylindrical	212	H7	Solid carbide	23411489
Machine reamer	5.3	26	93	Cylindrical	212	H7	Solid carbide	23411490
Machine reamer	5.4	26	93	Cylindrical	212	H7	Solid carbide	23411491
Machine reamer	5.5	26	93	Cylindrical	212	H7	Solid carbide	23411492
Machine reamer	5.6	26	93	Cylindrical	212	H7	Solid carbide	23411493
Machine reamer	5.7	26	93	Cylindrical	212	H7	Solid carbide	23411494
Machine reamer	5.9	26	93	Cylindrical	212	H7	Solid carbide	23411496
Machine reamer	5.98	26	93	Cylindrical	212	H7	Solid carbide	23411498
Machine reamer	5.99	26	93	Cylindrical	212	H7	Solid carbide	23411499
Machine reamer	6	26	93	Cylindrical	212	H7	Solid carbide	23411500
Machine reamer	6.01	26	93	Cylindrical	212	H7	Solid carbide	23411501
Machine reamer	6.02	26	93	Cylindrical	212	H7	Solid carbide	23411502
Machine reamer	6.03	26	93	Cylindrical	212	H7	Solid carbide	23411503
Machine reamer	6.1	28	101	Cylindrical	212	H7	Solid carbide	23411504
Machine reamer	6.2	28	101	Cylindrical	212	H7	Solid carbide	23411505
Machine reamer	6.4	28	101	Cylindrical	212	H7	Solid carbide	23411507
Machine reamer	6.5	28	101	Cylindrical	212	H7	Solid carbide	23411508
Machine reamer	6.6	28	101	Cylindrical	212	H7	Solid carbide	23411509
Machine reamer	6.7	28	101	Cylindrical	212	H7	Solid carbide	23411510
Machine reamer	6.9	31	109	Cylindrical	212	H7	Solid carbide	23411512
Machine reamer	7	31	109	Cylindrical	212	H7	Solid carbide	23411513
Machine reamer	7.1	31	109	Cylindrical	212	H7	Solid carbide	23411514
Machine reamer	7.2	31	109	Cylindrical	212	H7	Solid carbide	23411515
Machine reamer	7.5	31	109	Cylindrical	212	H7	Solid carbide	23411518
Machine reamer	7.7	33	117	Cylindrical	212	H7	Solid carbide	23411520
Machine reamer	7.9	33	117	Cylindrical	212	H7	Solid carbide	23411522
Machine reamer	7.97	33	117	Cylindrical	212	H7	Solid carbide	23411523
Machine reamer	7.98	33	117	Cylindrical	212	H7	Solid carbide	23411524
Machine reamer	8	33	117	Cylindrical	212	H7	Solid carbide	23411526
Machine reamer	8.01	33	117	Cylindrical	212	H7	Solid carbide	23411527
Machine reamer	8.02	33	117	Cylindrical	212	H7	Solid carbide	23411528
Machine reamer	8.03	33	117	Cylindrical	212	H7	Solid carbide	23411529
Machine reamer	8.1	33	117	Cylindrical	212	H7	Solid carbide	23411530
Machine reamer	8.2	33	117	Cylindrical	212	H7	Solid carbide	23411531
Machine reamer	8.5	33	117	Cylindrical	212	H7	Solid carbide	23411534
Machine reamer	8.6	33	117	Cylindrical	212	H7	Solid carbide	23411535
Machine reamer	8.9	36	125	Cylindrical	212	H7	Solid carbide	23411538
Machine reamer	9	36	125	Cylindrical	212	H7	Solid carbide	23411539
Machine reamer	9.2	36	125	Cylindrical	212	H7	Solid carbide	23411541
Machine reamer	9.5	36	125	Cylindrical	212	H7	Solid carbide	23411544
Machine reamer	9.9	41	133	Cylindrical	212	H7	Solid carbide	23411548
Machine reamer	9.99	41	133	Cylindrical	212	H7	Solid carbide	23411551
Machine reamer	10	41	133	Cylindrical	212	H7	Solid carbide	23411552
Machine reamer	10.01	41	133	Cylindrical	212	H7	Solid carbide	23411553
Machine reamer	10.02	41	133	Cylindrical	212	H7	Solid carbide	23411554
Machine reamer	10.03	41	150	Cylindrical	212	H7	Solid carbide	23411555
Machine reamer	11.97	44	150	Cylindrical	212	H7	Solid carbide	23411556
Machine reamer	11.99	44	150	Cylindrical	212	H7	Solid carbide	23411558

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Machine reamer	12	44	150	Cylindrical	212	H7	Solid carbide	23411559
Machine reamer	12.01	44	150	Cylindrical	212	H7	Solid carbide	23411560
Machine reamer	12.02	44	150	Cylindrical	212	H7	Solid carbide	23411561
Machine reamer	12.03	44	150	Cylindrical	212	H7	Solid carbide	23411562

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