

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	W90A-15810100
Machine reamer	2	12	50	Cylindrical	212	H7	Solid carbide	W90A-15810200
Machine reamer	2.01	12	50	Cylindrical	212	H7	Solid carbide	W90A-15810201
Machine reamer	2.02	12	50	Cylindrical	212	H7	Solid carbide	W90A-15810202
Machine reamer	2.4	16	60	Cylindrical	212	H7	Solid carbide	W90A-15810240
Machine reamer	2.5	16	60	Cylindrical	212	H7	Solid carbide	W90A-15810250
Machine reamer	3	17	64	Cylindrical	212	H7	Solid carbide	W90A-15810300
Machine reamer	3.01	17	64	Cylindrical	212	H7	Solid carbide	W90A-15810301
Machine reamer	3.02	17	64	Cylindrical	212	H7	Solid carbide	W90A-15810302
Machine reamer	3.03	17	64	Cylindrical	212	H7	Solid carbide	W90A-15810303
Machine reamer	3.1	18	68	Cylindrical	212	H7	Solid carbide	W90A-15810310
Machine reamer	3.2	18	68	Cylindrical	212	H7	Solid carbide	W90A-15810320
Machine reamer	3.4	20	74	Cylindrical	212	H7	Solid carbide	W90A-15810340
Machine reamer	3.5	20	74	Cylindrical	212	H7	Solid carbide	W90A-15810350
Machine reamer	3.6	20	74	Cylindrical	212	H7	Solid carbide	W90A-15810360
Machine reamer	3.7	20	74	Cylindrical	212	H7	Solid carbide	W90A-15810370
Machine reamer	3.8	21	77	Cylindrical	212	H7	Solid carbide	W90A-15810380
Machine reamer	3.9	21	77	Cylindrical	212	H7	Solid carbide	W90A-15810390
Machine reamer	3.99	21	77	Cylindrical	212	H7	Solid carbide	W90A-15810399
Machine reamer	4	21	77	Cylindrical	212	H7	Solid carbide	W90A-15810400
Machine reamer	4.01	21	77	Cylindrical	212	H7	Solid carbide	W90A-15810401
Machine reamer	4.02	21	77	Cylindrical	212	H7	Solid carbide	W90A-15810402
Machine reamer	4.03	21	77	Cylindrical	212	H7	Solid carbide	W90A-15810403
Machine reamer	4.1	21	77	Cylindrical	212	H7	Solid carbide	W90A-15810410
Machine reamer	4.2	21	82	Cylindrical	212	H7	Solid carbide	W90A-15810420
Machine reamer	4.3	23	82	Cylindrical	212	H7	Solid carbide	W90A-15810430
Machine reamer	4.4	23	82	Cylindrical	212	H7	Solid carbide	W90A-15810440
Machine reamer	4.5	23	82	Cylindrical	212	H7	Solid carbide	W90A-15810450
Machine reamer	4.6	23	82	Cylindrical	212	H7	Solid carbide	W90A-15810460
Machine reamer	4.8	26	93	Cylindrical	212	H7	Solid carbide	W90A-15810480
Machine reamer	4.9	26	93	Cylindrical	212	H7	Solid carbide	W90A-15810490
Machine reamer	4.98	26	93	Cylindrical	212	H7	Solid carbide	W90A-15810498
Machine reamer	4.99	26	93	Cylindrical	212	H7	Solid carbide	W90A-15810499

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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	W90A-15810500
Machine reamer	5.01	26	93	Cylindrical	212	H7	Solid carbide	W90A-15810501
Machine reamer	5.02	26	93	Cylindrical	212	H7	Solid carbide	W90A-15810502
Machine reamer	5.03	26	93	Cylindrical	212	H7	Solid carbide	W90A-15810503
Machine reamer	5.1	26	93	Cylindrical	212	H7	Solid carbide	W90A-15810510
Machine reamer	5.2	26	93	Cylindrical	212	H7	Solid carbide	W90A-15810520
Machine reamer	5.3	26	93	Cylindrical	212	H7	Solid carbide	W90A-15810530
Machine reamer	5.4	26	93	Cylindrical	212	H7	Solid carbide	W90A-15810540
Machine reamer	5.5	26	93	Cylindrical	212	H7	Solid carbide	W90A-15810550
Machine reamer	5.6	26	93	Cylindrical	212	H7	Solid carbide	W90A-15810560
Machine reamer	5.7	26	93	Cylindrical	212	H7	Solid carbide	W90A-15810570
Machine reamer	5.9	26	93	Cylindrical	212	H7	Solid carbide	W90A-15810590
Machine reamer	5.98	26	93	Cylindrical	212	H7	Solid carbide	W90A-15810598
Machine reamer	5.99	26	93	Cylindrical	212	H7	Solid carbide	W90A-15810599
Machine reamer	6	26	93	Cylindrical	212	H7	Solid carbide	W90A-15810600
Machine reamer	6.01	26	93	Cylindrical	212	H7	Solid carbide	W90A-15810601
Machine reamer	6.02	26	93	Cylindrical	212	H7	Solid carbide	W90A-15810602
Machine reamer	6.03	26	93	Cylindrical	212	H7	Solid carbide	W90A-15810603
Machine reamer	6.1	28	101	Cylindrical	212	H7	Solid carbide	W90A-15810610
Machine reamer	6.2	28	101	Cylindrical	212	H7	Solid carbide	W90A-15810620
Machine reamer	6.4	28	101	Cylindrical	212	H7	Solid carbide	W90A-15810640
Machine reamer	6.5	28	101	Cylindrical	212	H7	Solid carbide	W90A-15810650
Machine reamer	6.6	28	101	Cylindrical	212	H7	Solid carbide	W90A-15810660
Machine reamer	6.7	28	101	Cylindrical	212	H7	Solid carbide	W90A-15810670
Machine reamer	6.9	31	109	Cylindrical	212	H7	Solid carbide	W90A-15810690
Machine reamer	7	31	109	Cylindrical	212	H7	Solid carbide	W90A-15810700
Machine reamer	7.1	31	109	Cylindrical	212	H7	Solid carbide	W90A-15810710
Machine reamer	7.2	31	109	Cylindrical	212	H7	Solid carbide	W90A-15810720
Machine reamer	7.5	31	109	Cylindrical	212	H7	Solid carbide	W90A-15810750
Machine reamer	7.7	33	117	Cylindrical	212	H7	Solid carbide	W90A-15810770
Machine reamer	7.9	33	117	Cylindrical	212	H7	Solid carbide	W90A-15810790
Machine reamer	7.97	33	117	Cylindrical	212	H7	Solid carbide	W90A-15810797
Machine reamer	7.98	33	117	Cylindrical	212	H7	Solid carbide	W90A-15810798
Machine reamer	8	33	117	Cylindrical	212	H7	Solid carbide	W90A-15810800
Machine reamer	8.01	33	117	Cylindrical	212	H7	Solid carbide	W90A-15810801
Machine reamer	8.02	33	117	Cylindrical	212	H7	Solid carbide	W90A-15810802
Machine reamer	8.03	33	117	Cylindrical	212	H7	Solid carbide	W90A-15810803
Machine reamer	8.1	33	117	Cylindrical	212	H7	Solid carbide	W90A-15810810
Machine reamer	8.2	33	117	Cylindrical	212	H7	Solid carbide	W90A-15810820
Machine reamer	8.5	33	117	Cylindrical	212	H7	Solid carbide	W90A-15810850
Machine reamer	8.6	33	117	Cylindrical	212	H7	Solid carbide	W90A-15810860
Machine reamer	8.9	36	125	Cylindrical	212	H7	Solid carbide	W90A-15810890
Machine reamer	9	36	125	Cylindrical	212	H7	Solid carbide	W90A-15810900
Machine reamer	9.2	36	125	Cylindrical	212	H7	Solid carbide	W90A-15810920
Machine reamer	9.5	36	125	Cylindrical	212	H7	Solid carbide	W90A-15810950
Machine reamer	9.9	41	133	Cylindrical	212	H7	Solid carbide	W90A-15810990
Machine reamer	9.99	41	133	Cylindrical	212	H7	Solid carbide	W90A-15810999
Machine reamer	10	41	133	Cylindrical	212	H7	Solid carbide	W90A-15811000
Machine reamer	10.01	41	133	Cylindrical	212	H7	Solid carbide	W90A-15811001
Machine reamer	10.02	41	133	Cylindrical	212	H7	Solid carbide	W90A-15811002
Machine reamer	10.03	41	150	Cylindrical	212	H7	Solid carbide	W90A-15811003
Machine reamer	11.97	44	150	Cylindrical	212	H7	Solid carbide	W90A-15811197
Machine reamer	11.99	44	150	Cylindrical	212	H7	Solid carbide	W90A-15811199

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Machine reamer	12	44	150	Cylindrical	212	H7	Solid carbide	W90A-15811200
Machine reamer	12.01	44	150	Cylindrical	212	H7	Solid carbide	W90A-15811201
Machine reamer	12.02	44	150	Cylindrical	212	H7	Solid carbide	W90A-15811202
Machine reamer	12.03	44	150	Cylindrical	212	H7	Solid carbide	W90A-15811203

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