



**Fromm  
präzision**  
GmbH & Co. KG

price list

**2023**

**start 01.01.24  
+3,8% surcharge**

**Reamers**

**Countersinks  
/-bores**

**Core drills**

**HSS**

**HSS-E**

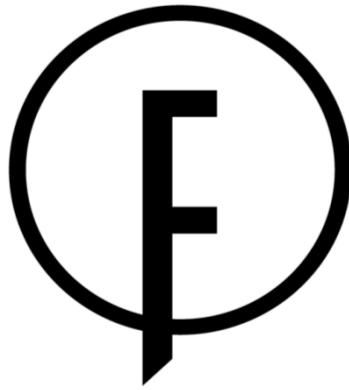
**Carbide-tipped/brazed**

**Solid carbide**

**Cermet**

**FROMM Präzision GmbH & Co. KG  
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fax: +49 (0) 7392/91444-25**



**Fromm  
Präzision  
GmbH & Co. KG**

**price list 2023**

valid starting 01.04.2023

**01.01.24: +3,8% surcharge**

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(older price lists are not longer valid)

# General terms and conditions

## 1. Placing orders:

An order becomes valid on acknowledgement of receipt by us. Supplements, changes and spoken agreements are only valid if they have been agreed upon by us in writing. All the information found in our printed material, such as dimensions and weights, illustrations and descriptions is only approximately correct and we are not obliged to inform our customers of any later alterations. With regard to property and copyrights, we reserve all rights concerning illustrations, diagrams, sketches and other printed material. We insist upon their immediate return after use. It is not permitted to pass them on to a third person without having first obtained our approval. The customer accepts full responsibility for all printed material such as drawings, gauges, samples, etc. which has been sent to him/ her. Any information passed on by word of mouth concerning dimensions and other specifications must be acknowledged in writing. With regard to commercial legal protection, the customer accepts full responsibility for any documents he/ she may have sent to us. Only samples supplied as reserved property will be sent. Orders for delivery in consignments must be complied with either within 12 months or by the deadline mutually agreed upon.

## 2. Prices:

Prices are valid ex works, and do not include packing, freight charges or insurance. The same applies to partial deliveries and express shipments. Packing and shipment take place at our best judgment but without liability.

## 3. Terms of payment:

Payments are to be settled in Euros without any discount from our payments office as agreed in the terms of payment. Orders less than 100 Euro will be invoiced with a 20 Euro service charge. In the case of overdue payments, we are obliged to charge interest according to our bank's current rate, under reservation of the enforcement of further damages. The deferment of or reductions in payments due to customer claims is not permitted. Supplied goods remain company property until payment has been settled in full, including interest rates and any costs incurred as a result of legal tracing, also that of third parties. When enforcing our property rights, we reserve the right to charge an additional 10% of the expenses without proof of further costs incurred. Supplies to unknown companies will only be carried out against payment in advance or cash on delivery. Should the customer be bankrupt or insolvent, the value of the goods must be paid at once.

## 4. Terms of delivery:

The delivery date becomes valid from the day of acknowledgement of the order until the shipment has taken place ex-works. The customer is obliged to fulfil all terms within the contract, especially those concerning the agreed terms of payment and our punctual receipt of all necessary documents sent by the customer. Unforeseen circumstances, irrelevant of whether they are caused by our factory or by one of our suppliers - such as natural disasters, political influences, strikes, or other occurrences not caused by us, the production of essential parts, general difficulties in the provision of material, other disturbances and delays in shipment " will release us from keeping to the agreed terms of delivery. In such cases, the delivery date will be extended accordingly. The above-mentioned circumstances do not

need to be defended by us, even if they occur during an already-existing delivery delay. The customer has no rights to claim compensation in the case of a delayed delivery.

#### 5. Dispatch:

Dispatch takes place at the customer's own risk. Goods lost or damaged during transport will only be replaced against a new order at current prices. We will only arrange insurance to cover transport damage costs on customer request and at his / her cost if we have been expressly ordered to do so. If there are any deviations from the delivery receipt or invoice, we must be informed in writing immediately.

#### 6. Express warranty:

Defective tools will be replaced at no extra charge within the legally prescribed period of time. No responsibility will be accepted for tools which wear out faster than expected due either to their material characteristics or usage, nor either to damage occurring as a result of natural wear and tear, faulty or careless handling, excessive stress, unsuitable operating materials, chemical, electrochemical or electrical influences, weathering or other natural influences.

#### 7. Special tools:

For tools ordered which are not including in our standard list, we reserve the right to supply a slightly higher or lower number of pieces than the quantity ordered. Ordered quantity up to 5 pcs. + / - 1 pc., 6 to 20 pcs. + / - 2 pcs., more than 20 pcs. + / - 10%. The delivered quantity has to be paid.

#### 8. Others:

We are not obliged to accept customer purchasing conditions which are in conflict with these conditions, even if they were stated in the order and we did not specifically disagree with them. The only legal domicile for any points of conflict associated with contract conditions is DE-88471 Laupheim (Germany). The binding nature of preceding delivery conditions is not affected by the ineffectiveness of any single points.

#### 9. Alloy surcharges:

We reserve to charge variable raw material alloy surcharges separately for HSS/HSS-E as well as for carbide-tipped, solid carbide, Cermet or PCD/PCB material.

## Surcharge list (for intermediate dimensions and special tolerances)

### Valid for reamers and core drills

Prices in this price list are for reamers with tolerance H7, centesimal (1/100) reamers 0/+0.003 and for core drills with tolerance h8.

If no information is given with the order, we will deliver the stock tolerance H7, 0.003, h8, or shown accordingly our actual catalogue. Except are bridge reamers and taper reamers that have others tolerances.

For other tolerances (F7, H9, ...) or intermediate dimensions the below grinding surcharges will be added on the base price to the **nearest bigger standard dimension**.

(For intermediate dimensions with other tolerances the surcharges is calculated **only once**)

At the order of - piece/s	surcharge each Ø €net per piece/s
1	25.00
2	15.00
3	10.00
4	8.00
5	6.00
6 - 9	5.00
10 - 14	4.00
15 - 19	2.50
20 and more	-

All other executions (left-hand cutting, right-hand spiral, ...) which are not mentioned in our catalogue or price list, are special and will be offered upon request.

article code	Ø/size	cat.-no.	description 1	description 2	gross 2023	PG
201-13	13	201	Shell holder DIN 217	nom.-Ø 13, size 2, MT 3	108,75 €	16
201-16	16	201	Shell holder DIN 217	nom.-Ø 16, size 3, MT 3	119,55 €	16
201-19	19	201	Shell holder DIN 217	nom.-Ø 19, size 4, MT 4	143,95 €	16
201-22	22	201	Shell holder DIN 217	nom.-Ø 22, size 5, MT 4	160,15 €	16
201-27	27	201	Shell holder DIN 217	nom.-Ø 27, size 6, MT 5	241,40 €	16
201-32	32	201	Shell holder DIN 217	nom.-Ø 32, size 7, MT 5	295,45 €	16
201-40	40	201	Shell holder DIN 217	nom.-Ø 40, size 8, MT 5	361,10 €	16
201-50	50	201	Shell holder DIN 217	nom.-Ø 50, soie 9, MT 5	609,25 €	16
201-13-A	13	201A	Forcing nut for shell holder DIN 217	nom.-Ø 13, size 2	14,95 €	16
201-16-A	16	201A	Forcing nut for shell holder DIN 217	nom.-Ø 16, size 3	17,05 €	16
201-19-A	19	201A	Forcing nut for shell holder DIN 217	nom.-Ø 19, size 4	18,20 €	16
201-22-A	22	201A	Forcing nut for shell holder DIN 217	nom.-Ø 22, size 5	20,25 €	16
201-27-A	27	201A	Forcing nut for shell holder DIN 217	nom.-Ø 27, size 6	27,15 €	16
201-32-A	32	201A	Forcing nut for shell holder DIN 217	nom.-Ø 32, size 7	33,55 €	16
201-40-A	40	201A	Forcing nut for shell holder DIN 217	nom.-Ø 40, size 8	51,15 €	16
201-50-A	50	201A	Forcing nut for shell holder DIN 217	nom.-Ø 50, size 9	63,80 €	16
201-13-M	13	201M	Clutch drive ring for shell holder DIN 217	nom.-Ø 13, size 2	25,45 €	16
201-16-M	16	201M	Clutch drive ring for shell holder DIN 217	nom.-Ø 16, size 3	28,85 €	16
201-19-M	19	201M	Clutch drive ring for shell holder DIN 217	nom.-Ø 19, size 4	34,00 €	16
201-22-M	22	201M	Clutch drive ring for shell holder DIN 217	nom.-Ø 22, size 5	42,10 €	16
201-27-M	27	201M	Clutch drive ring for shell holder DIN 217	nom.-Ø 27, size 6	51,20 €	16
201-32-M	32	201M	Clutch drive ring for shell holder DIN 217	nom.-Ø 32, size 7	61,10 €	16
201-40-M	40	201M	Clutch drive ring for shell holder DIN 217	nom.-Ø 40, size 8	98,75 €	16
201-50-M	50	201M	Clutch drive ring for shell holder DIN 217	nom.-Ø 50, size 9	151,10 €	16
201-13-P	13	201P	Spring for shell holder DIN 217	nom.-Ø 13, size 2	2,40 €	16
201-16-P	16	201P	Spring for shell holder DIN 217	nom.-Ø 16, size 3	2,40 €	16
201-19-P	19	201P	Spring for shell holder DIN 217	nom.-Ø 19, size 4	2,40 €	16
201-22-P	22	201P	Spring for shell holder DIN 217	nom.-Ø 22, size 5	3,00 €	16
201-27-P	27	201P	Spring for shell holder DIN 217	nom.-Ø 27, size 6	3,20 €	16
201-32-P	32	201P	Spring for shell holder DIN 217	nom.-Ø 32, size 7	4,35 €	16
201-40-P	40	201P	Spring for shell holder DIN 217	nom.-Ø 40, size 8	6,95 €	16
201-50-P	50	201P	Spring for shell holder DIN 217	nom.-Ø 50, size 9	7,30 €	16
301-01.00-A	1.00	301A	HSS hand reamer DIN 206, form A	Ø 1 H7, straight flutes	39,65 €	20
301-01.10-A	1.10	301A	HSS hand reamer DIN 206, form A	Ø 1.1 H7, straight flutes	44,75 €	20
301-01.20-A	1.20	301A	HSS hand reamer DIN 206, form A	Ø 1.2 H7, straight flutes	44,75 €	20
301-01.30-A	1.30	301A	HSS hand reamer DIN 206, form A	Ø 1.3 H7, straight flutes	44,75 €	20
301-01.40-A	1.40	301A	HSS hand reamer DIN 206, form A	Ø 1.4 H7, straight flutes	44,75 €	20
301-01.50-A	1.50	301A	HSS hand reamer DIN 206, form A	Ø 1.5 H7, straight flutes	30,45 €	20
301-01.60-A	1.60	301A	HSS hand reamer DIN 206, form A	Ø 1.6 H7, straight flutes	44,75 €	20
301-01.70-A	1.70	301A	HSS hand reamer DIN 206, form A	Ø 1.7 H7, straight flutes	44,75 €	20
301-01.80-A	1.80	301A	HSS hand reamer DIN 206, form A	Ø 1.8 H7, straight flutes	44,75 €	20
301-01.90-A	1.90	301A	HSS hand reamer DIN 206, form A	Ø 1.9 H7, straight flutes	44,75 €	20
301-02.00-A	2.00	301A	HSS hand reamer DIN 206, form A	Ø 2 H7, straight flutes	26,70 €	20
301-02.10-A	2.10	301A	HSS hand reamer DIN 206, form A	Ø 2.1 H7, straight flutes	40,75 €	20
301-02.20-A	2.20	301A	HSS hand reamer DIN 206, form A	Ø 2.2 H7, straight flutes	40,75 €	20
301-02.30-A	2.30	301A	HSS hand reamer DIN 206, form A	Ø 2.3 H7, straight flutes	34,60 €	20
301-02.40-A	2.40	301A	HSS hand reamer DIN 206, form A	Ø 2.4 H7, straight flutes	34,60 €	20
301-02.50-A	2.50	301A	HSS hand reamer DIN 206, form A	Ø 2.5 H7, straight flutes	26,45 €	20
301-02.60-A	2.60	301A	HSS hand reamer DIN 206, form A	Ø 2.6 H7, straight flutes	40,20 €	20
301-02.70-A	2.70	301A	HSS hand reamer DIN 206, form A	Ø 2.7 H7, straight flutes	40,20 €	20
301-02.80-A	2.80	301A	HSS hand reamer DIN 206, form A	Ø 2.8 H7, straight flutes	40,20 €	20
301-02.90-A	2.90	301A	HSS hand reamer DIN 206, form A	Ø 2.9 H7, straight flutes	34,60 €	20
301-03.00-A	3.00	301A	HSS hand reamer DIN 206, form A	Ø 3 H7, straight flutes	26,10 €	20
301-03.10-A	3.10	301A	HSS hand reamer DIN 206, form A	Ø 3.1 H7, straight flutes	42,80 €	20
301-03.20-A	3.20	301A	HSS hand reamer DIN 206, form A	Ø 3.2 H7, straight flutes	42,80 €	20
301-03.30-A	3.30	301A	HSS hand reamer DIN 206, form A	Ø 3.3 H7, straight flutes	42,80 €	20
301-03.40-A	3.40	301A	HSS hand reamer DIN 206, form A	Ø 3.4 H7, straight flutes	42,80 €	20
301-03.50-A	3.50	301A	HSS hand reamer DIN 206, form A	Ø 3.5 H7, straight flutes	30,00 €	20
301-03.60-A	3.60	301A	HSS hand reamer DIN 206, form A	Ø 3.6 H7, straight flutes	34,60 €	20
301-03.70-A	3.70	301A	HSS hand reamer DIN 206, form A	Ø 3.7 H7, straight flutes	34,60 €	20
301-03.80-A	3.80	301A	HSS hand reamer DIN 206, form A	Ø 3.8 H7, straight flutes	34,60 €	20
301-03.90-A	3.90	301A	HSS hand reamer DIN 206, form A	Ø 3.9 H7, straight flutes	34,60 €	20
301-04.00-A	4.00	301A	HSS hand reamer DIN 206, form A	Ø 4 H7, straight flutes	28,10 €	20
301-04.10-A	4.10	301A	HSS hand reamer DIN 206, form A	Ø 4.1 H7, straight flutes	33,35 €	20
301-04.20-A	4.20	301A	HSS hand reamer DIN 206, form A	Ø 4.2 H7, straight flutes	33,35 €	20
301-04.30-A	4.30	301A	HSS hand reamer DIN 206, form A	Ø 4.3 H7, straight flutes	33,35 €	20
301-04.40-A	4.40	301A	HSS hand reamer DIN 206, form A	Ø 4.4 H7, straight flutes	33,35 €	20
301-04.50-A	4.50	301A	HSS hand reamer DIN 206, form A	Ø 4.5 H7, straight flutes	31,65 €	20
301-04.60-A	4.60	301A	HSS hand reamer DIN 206, form A	Ø 4.6 H7, straight flutes	31,85 €	20
301-04.70-A	4.70	301A	HSS hand reamer DIN 206, form A	Ø 4.7 H7, straight flutes	31,85 €	20
301-04.80-A	4.80	301A	HSS hand reamer DIN 206, form A	Ø 4.8 H7, straight flutes	31,85 €	20
301-04.90-A	4.90	301A	HSS hand reamer DIN 206, form A	Ø 4.9 H7, straight flutes	31,85 €	20
301-05.00-A	5.00	301A	HSS hand reamer DIN 206, form A	Ø 5 H7, straight flutes	29,40 €	20
301-05.10-A	5.10	301A	HSS hand reamer DIN 206, form A	Ø 5.1 H7, straight flutes	35,85 €	20





article code	Ø/size	cat.-no.	description 1	description 2	gross 2023	PG
301-15.00-A	15.00	301A	HSS hand reamer DIN 206, form A	Ø 15 H7, straight flutes	66,75 €	20
301-15.50-A	15.50	301A	HSS hand reamer DIN 206, form A	Ø 15.5 H7, straight flutes	91,65 €	20
301-16.00-A	16.00	301A	HSS hand reamer DIN 206, form A	Ø 16 H7, straight flutes	69,00 €	20
301-16.50-A	16.50	301A	HSS hand reamer DIN 206, form A	Ø 16.5 H7, straight flutes	88,15 €	20
301-17.00-A	17.00	301A	HSS hand reamer DIN 206, form A	Ø 17 H7, straight flutes	81,50 €	20
301-17.50-A	17.50	301A	HSS hand reamer DIN 206, form A	Ø 17.5 H7, straight flutes	108,40 €	20
301-18.00-A	18.00	301A	HSS hand reamer DIN 206, form A	Ø 18 H7, straight flutes	79,40 €	20
301-18.50-A	18.50	301A	HSS hand reamer DIN 206, form A	Ø 18.5 H7, straight flutes	108,40 €	20
301-19.00-A	19.00	301A	HSS hand reamer DIN 206, form A	Ø 19 H7, straight flutes	91,95 €	20
301-20.00-A	20.00	301A	HSS hand reamer DIN 206, form A	Ø 20 H7, straight flutes	86,30 €	20
301-21.00-A	21.00	301A	HSS hand reamer DIN 206, form A	Ø 21 H7, straight flutes	118,30 €	20
301-22.00-A	22.00	301A	HSS hand reamer DIN 206, form A	Ø 22 H7, straight flutes	105,10 €	20
301-23.00-A	23.00	301A	HSS hand reamer DIN 206, form A	Ø 23 H7, straight flutes	131,95 €	20
301-24.00-A	24.00	301A	HSS hand reamer DIN 206, form A	Ø 24 H7, straight flutes	119,75 €	20
301-25.00-A	25.00	301A	HSS hand reamer DIN 206, form A	Ø 25 H7, straight flutes	120,90 €	20
301-26.00-A	26.00	301A	HSS hand reamer DIN 206, form A	Ø 26 H7, straight flutes	134,20 €	20
301-27.00-A	27.00	301A	HSS hand reamer DIN 206, form A	Ø 27 H7, straight flutes	207,30 €	20
301-28.00-A	28.00	301A	HSS hand reamer DIN 206, form A	Ø 28 H7, straight flutes	170,80 €	20
301-29.00-A	29.00	301A	HSS hand reamer DIN 206, form A	Ø 29 H7, straight flutes	255,95 €	20
301-30.00-A	30.00	301A	HSS hand reamer DIN 206, form A	Ø 30 H7, straight flutes	163,35 €	20
301-31.00-A	31.00	301A	HSS hand reamer DIN 206, form A	Ø 31 H7, straight flutes	240,00 €	20
301-32.00-A	32.00	301A	HSS hand reamer DIN 206, form A	Ø 32 H7, straight flutes	188,25 €	20
301-33.00-A	33.00	301A	HSS hand reamer DIN 206, form A	Ø 33 H7, straight flutes	231,65 €	20
301-34.00-A	34.00	301A	HSS hand reamer DIN 206, form A	Ø 34 H7, straight flutes	231,65 €	20
301-35.00-A	35.00	301A	HSS hand reamer DIN 206, form A	Ø 35 H7, straight flutes	230,05 €	20
301-36.00-A	36.00	301A	HSS hand reamer DIN 206, form A	Ø 36 H7, straight flutes	240,00 €	20
301-37.00-A	37.00	301A	HSS hand reamer DIN 206, form A	Ø 37 H7, straight flutes	304,85 €	20
301-38.00-A	38.00	301A	HSS hand reamer DIN 206, form A	Ø 38 H7, straight flutes	324,85 €	20
301-39.00-A	39.00	301A	HSS hand reamer DIN 206, form A	Ø 39 H7, straight flutes	401,45 €	20
301-40.00-A	40.00	301A	HSS hand reamer DIN 206, form A	Ø 40 H7, straight flutes	309,85 €	20
301-41.00-A	41.00	301A	HSS hand reamer DIN 206, form A	Ø 41 H7, straight flutes	467,30 €	20
301-42.00-A	42.00	301A	HSS hand reamer DIN 206, form A	Ø 42 H7, straight flutes	466,05 €	20
301-43.00-A	43.00	301A	HSS hand reamer DIN 206, form A	Ø 43 H7, straight flutes	721,75 €	20
301-44.00-A	44.00	301A	HSS hand reamer DIN 206, form A	Ø 44 H7, straight flutes	596,45 €	20
301-45.00-A	45.00	301A	HSS hand reamer DIN 206, form A	Ø 45 H7, straight flutes	439,80 €	20
301-46.00-A	46.00	301A	HSS hand reamer DIN 206, form A	Ø 46 H7, straight flutes	701,50 €	20
301-47.00-A	47.00	301A	HSS hand reamer DIN 206, form A	Ø 47 H7, straight flutes	701,50 €	20
301-48.00-A	48.00	301A	HSS hand reamer DIN 206, form A	Ø 48 H7, straight flutes	701,50 €	20
301-49.00-A	49.00	301A	HSS hand reamer DIN 206, form A	Ø 49 H7, straight flutes	745,95 €	20
301-50.00-A	50.00	301A	HSS hand reamer DIN 206, form A	Ø 50 H7, straight flutes	529,50 €	20
301-51.00-A	51.00	301A	HSS hand reamer DIN 206, form A	Ø 51 H7, straight flutes	757,15 €	20
301-52.00-A	52.00	301A	HSS hand reamer DIN 206, form A	Ø 52 H7, straight flutes	757,15 €	20
301-53.00-A	53.00	301A	HSS hand reamer DIN 206, form A	Ø 53 H7, straight flutes	769,85 €	20
301-54.00-A	54.00	301A	HSS hand reamer DIN 206, form A	Ø 54 H7, straight flutes	769,85 €	20
301-55.00-A	55.00	301A	HSS hand reamer DIN 206, form A	Ø 55 H7, straight flutes	769,85 €	20
301-56.00-A	56.00	301A	HSS hand reamer DIN 206, form A	Ø 56 H7, straight flutes	872,20 €	20
301-57.00-A	57.00	301A	HSS hand reamer DIN 206, form A	Ø 57 H7, straight flutes	872,20 €	20
301-58.00-A	58.00	301A	HSS hand reamer DIN 206, form A	Ø 58 H7, straight flutes	912,40 €	20
301-59.00-A	59.00	301A	HSS hand reamer DIN 206, form A	Ø 59 H7, straight flutes	912,40 €	20
301-60.00-A	60.00	301A	HSS hand reamer DIN 206, form A	Ø 60 H7, straight flutes	850,40 €	20
301A-1	Set	301A	Set HSS hand reamers H7 DIN 206, form A	Ø 1.0 H7-10.0 H7, straight	625,95 €	20
301A-2	Set	301A	Set HSS hand reamers H7 DIN 206, form A	Ø 1.0 H7-5.9 H7, straight	1.831,85 €	20
301A-3	Set	301A	Set HSS hand reamers H7 DIN 206, form A	Ø 6.0 H7-10.0 H7, straight	1.633,55 €	20
301A-4	Set	301A	Set HSS hand reamers H7 DIN 206, form A	Ø 1.0 H7-6.0 H7, straight	1.858,25 €	20
301-01.00-B	1.00	301B	HSS hand reamer DIN 206, form B	Ø 1 H7, spiral flutes	35,50 €	20
301-01.10-B	1.10	301B	HSS hand reamer DIN 206, form B	Ø 1.1 H7, spiral flutes	41,85 €	20
301-01.20-B	1.20	301B	HSS hand reamer DIN 206, form B	Ø 1.2 H7, spiral flutes	41,85 €	20
301-01.30-B	1.30	301B	HSS hand reamer DIN 206, form B	Ø 1.3 H7, spiral flutes	41,85 €	20
301-01.40-B	1.40	301B	HSS hand reamer DIN 206, form B	Ø 1.4 H7, spiral flutes	41,85 €	20
301-01.50-B	1.50	301B	HSS hand reamer DIN 206, form B	Ø 1.5 H7, spiral flutes	28,50 €	20
301-01.60-B	1.60	301B	HSS hand reamer DIN 206, form B	Ø 1.6 H7, spiral flutes	38,20 €	20
301-01.70-B	1.70	301B	HSS hand reamer DIN 206, form B	Ø 1.7 H7, spiral flutes	38,20 €	20
301-01.80-B	1.80	301B	HSS hand reamer DIN 206, form B	Ø 1.8 H7, spiral flutes	38,20 €	20
301-01.90-B	1.90	301B	HSS hand reamer DIN 206, form B	Ø 1.9 H7, spiral flutes	38,20 €	20
301-02.00-B	2.00	301B	HSS hand reamer DIN 206, form B	Ø 2 H7, spiral flutes	26,10 €	20
301-02.10-B	2.10	301B	HSS hand reamer DIN 206, form B	Ø 2.1 H7, spiral flutes	38,20 €	20
301-02.20-B	2.20	301B	HSS hand reamer DIN 206, form B	Ø 2.2 H7, spiral flutes	38,20 €	20
301-02.30-B	2.30	301B	HSS hand reamer DIN 206, form B	Ø 2.3 H7, spiral flutes	32,30 €	20
301-02.40-B	2.40	301B	HSS hand reamer DIN 206, form B	Ø 2.4 H7, spiral flutes	32,30 €	20
301-02.50-B	2.50	301B	HSS hand reamer DIN 206, form B	Ø 2.5 H7, spiral flutes	24,75 €	20
301-02.60-B	2.60	301B	HSS hand reamer DIN 206, form B	Ø 2.6 H7, spiral flutes	39,00 €	20
301-02.70-B	2.70	301B	HSS hand reamer DIN 206, form B	Ø 2.7 H7, spiral flutes	39,00 €	20
301-02.80-B	2.80	301B	HSS hand reamer DIN 206, form B	Ø 2.8 H7, spiral flutes	39,00 €	20
301-02.90-B	2.90	301B	HSS hand reamer DIN 206, form B	Ø 2.9 H7, spiral flutes	32,30 €	20





article code	Ø/size	cat.-no.	description 1	description 2	gross 2023	PG
301-10.40-B	10.40	301B	HSS hand reamer DIN 206, form B	Ø 10.4 H7, spiral flutes	54,70 €	20
301-10.50-B	10.50	301B	HSS hand reamer DIN 206, form B	Ø 10.5 H7, spiral flutes	37,20 €	20
301-10.60-B	10.60	301B	HSS hand reamer DIN 206, form B	Ø 10.6 H7, spiral flutes	54,70 €	20
301-10.70-B	10.70	301B	HSS hand reamer DIN 206, form B	Ø 10.7 H7, spiral flutes	54,70 €	20
301-10.80-B	10.80	301B	HSS hand reamer DIN 206, form B	Ø 10.8 H7, spiral flutes	54,70 €	20
301-10.90-B	10.90	301B	HSS hand reamer DIN 206, form B	Ø 10.9 H7, spiral flutes	54,70 €	20
301-11.00-B	11.00	301B	HSS hand reamer DIN 206, form B	Ø 11 H7, spiral flutes	36,60 €	20
301-11.10-B	11.10	301B	HSS hand reamer DIN 206, form B	Ø 11.1 H7, spiral flutes	54,70 €	20
301-11.20-B	11.20	301B	HSS hand reamer DIN 206, form B	Ø 11.2 H7, spiral flutes	54,70 €	20
301-11.30-B	11.30	301B	HSS hand reamer DIN 206, form B	Ø 11.3 H7, spiral flutes	54,70 €	20
301-11.40-B	11.40	301B	HSS hand reamer DIN 206, form B	Ø 11.4 H7, spiral flutes	32,50 €	20
301-11.50-B	11.50	301B	HSS hand reamer DIN 206, form B	Ø 11.5 H7, spiral flutes	42,60 €	20
301-11.60-B	11.60	301B	HSS hand reamer DIN 206, form B	Ø 11.6 H7, spiral flutes	54,70 €	20
301-11.70-B	11.70	301B	HSS hand reamer DIN 206, form B	Ø 11.7 H7, spiral flutes	54,70 €	20
301-11.80-B	11.80	301B	HSS hand reamer DIN 206, form B	Ø 11.8 H7, spiral flutes	54,70 €	20
301-11.90-B	11.90	301B	HSS hand reamer DIN 206, form B	Ø 11.9 H7, spiral flutes	54,70 €	20
301-12.00-B	12.00	301B	HSS hand reamer DIN 206, form B	Ø 12 H7, spiral flutes	36,80 €	20
301-12.50-B	12.50	301B	HSS hand reamer DIN 206, form B	Ø 12.5 H7, spiral flutes	56,65 €	20
301-13.00-B	13.00	301B	HSS hand reamer DIN 206, form B	Ø 13 H7, spiral flutes	57,55 €	20
301-13.50-B	13.50	301B	HSS hand reamer DIN 206, form B	Ø 13.5 H7, spiral flutes	65,95 €	20
301-14.00-B	14.00	301B	HSS hand reamer DIN 206, form B	Ø 14 H7, spiral flutes	63,80 €	20
301-14.50-B	14.50	301B	HSS hand reamer DIN 206, form B	Ø 14.5 H7, spiral flutes	69,95 €	20
301-15.00-B	15.00	301B	HSS hand reamer DIN 206, form B	Ø 15 H7, spiral flutes	66,75 €	20
301-15.50-B	15.50	301B	HSS hand reamer DIN 206, form B	Ø 15.5 H7, spiral flutes	94,40 €	20
301-16.00-B	16.00	301B	HSS hand reamer DIN 206, form B	Ø 16 H7, spiral flutes	69,00 €	20
301-16.50-B	16.50	301B	HSS hand reamer DIN 206, form B	Ø 16.5 H7, spiral flutes	88,15 €	20
301-17.00-B	17.00	301B	HSS hand reamer DIN 206, form B	Ø 17 H7, spiral flutes	81,50 €	20
301-17.50-B	17.50	301B	HSS hand reamer DIN 206, form B	Ø 17.5 H7, spiral flutes	96,00 €	20
301-18.00-B	18.00	301B	HSS hand reamer DIN 206, form B	Ø 18 H7, spiral flutes	79,20 €	20
301-18.50-B	18.50	301B	HSS hand reamer DIN 206, form B	Ø 18.5 H7, spiral flutes	104,45 €	20
301-19.00-B	19.00	301B	HSS hand reamer DIN 206, form B	Ø 19 H7, spiral flutes	91,95 €	20
301-20.00-B	20.00	301B	HSS hand reamer DIN 206, form B	Ø 20 H7, spiral flutes	86,30 €	20
301-21.00-B	21.00	301B	HSS hand reamer DIN 206, form B	Ø 21 H7, spiral flutes	116,10 €	20
301-22.00-B	22.00	301B	HSS hand reamer DIN 206, form B	Ø 22 H7, spiral flutes	104,90 €	20
301-23.00-B	23.00	301B	HSS hand reamer DIN 206, form B	Ø 23 H7, spiral flutes	131,55 €	20
301-24.00-B	24.00	301B	HSS hand reamer DIN 206, form B	Ø 24 H7, spiral flutes	119,20 €	20
301-25.00-B	25.00	301B	HSS hand reamer DIN 206, form B	Ø 25 H7, spiral flutes	120,90 €	20
301-26.00-B	26.00	301B	HSS hand reamer DIN 206, form B	Ø 26 H7, spiral flutes	133,95 €	20
301-27.00-B	27.00	301B	HSS hand reamer DIN 206, form B	Ø 27 H7, spiral flutes	161,85 €	20
301-28.00-B	28.00	301B	HSS hand reamer DIN 206, form B	Ø 28 H7, spiral flutes	170,80 €	20
301-29.00-B	29.00	301B	HSS hand reamer DIN 206, form B	Ø 29 H7, spiral flutes	188,85 €	20
301-30.00-B	30.00	301B	HSS hand reamer DIN 206, form B	Ø 30 H7, spiral flutes	163,70 €	20
301-31.00-B	31.00	301B	HSS hand reamer DIN 206, form B	Ø 31 H7, spiral flutes	200,65 €	20
301-32.00-B	32.00	301B	HSS hand reamer DIN 206, form B	Ø 32 H7, spiral flutes	187,40 €	20
301-33.00-B	33.00	301B	HSS hand reamer DIN 206, form B	Ø 33 H7, spiral flutes	229,30 €	20
301-34.00-B	34.00	301B	HSS hand reamer DIN 206, form B	Ø 34 H7, spiral flutes	229,20 €	20
301-35.00-B	35.00	301B	HSS hand reamer DIN 206, form B	Ø 35 H7, spiral flutes	219,25 €	20
301-36.00-B	36.00	301B	HSS hand reamer DIN 206, form B	Ø 36 H7, spiral flutes	241,30 €	20
301-37.00-B	37.00	301B	HSS hand reamer DIN 206, form B	Ø 37 H7, spiral flutes	350,75 €	20
301-38.00-B	38.00	301B	HSS hand reamer DIN 206, form B	Ø 38 H7, spiral flutes	279,85 €	20
301-39.00-B	39.00	301B	HSS hand reamer DIN 206, form B	Ø 39 H7, spiral flutes	438,45 €	20
301-40.00-B	40.00	301B	HSS hand reamer DIN 206, form B	Ø 40 H7, spiral flutes	291,65 €	20
301-41.00-B	41.00	301B	HSS hand reamer DIN 206, form B	Ø 41 H7, spiral flutes	467,30 €	20
301-42.00-B	42.00	301B	HSS hand reamer DIN 206, form B	Ø 42 H7, spiral flutes	466,05 €	20
301-43.00-B	43.00	301B	HSS hand reamer DIN 206, form B	Ø 43 H7, spiral flutes	721,75 €	20
301-44.00-B	44.00	301B	HSS hand reamer DIN 206, form B	Ø 44 H7, spiral flutes	596,45 €	20
301-45.00-B	45.00	301B	HSS hand reamer DIN 206, form B	Ø 45 H7, spiral flutes	445,10 €	20
301-46.00-B	46.00	301B	HSS hand reamer DIN 206, form B	Ø 46 H7, spiral flutes	701,50 €	20
301-47.00-B	47.00	301B	HSS hand reamer DIN 206, form B	Ø 47 H7, spiral flutes	701,50 €	20
301-48.00-B	48.00	301B	HSS hand reamer DIN 206, form B	Ø 48 H7, spiral flutes	701,50 €	20
301-49.00-B	49.00	301B	HSS hand reamer DIN 206, form B	Ø 49 H7, spiral flutes	745,95 €	20
301-50.00-B	50.00	301B	HSS hand reamer DIN 206, form B	Ø 50 H7, spiral flutes	514,70 €	20
301-51.00-B	51.00	301B	HSS hand reamer DIN 206, form B	Ø 51 H7, spiral flutes	845,80 €	20
301-52.00-B	52.00	301B	HSS hand reamer DIN 206, form B	Ø 52 H7, spiral flutes	845,80 €	20
301-53.00-B	53.00	301B	HSS hand reamer DIN 206, form B	Ø 53 H7, spiral flutes	862,25 €	20
301-54.00-B	54.00	301B	HSS hand reamer DIN 206, form B	Ø 54 H7, spiral flutes	862,25 €	20
301-55.00-B	55.00	301B	HSS hand reamer DIN 206, form B	Ø 55 H7, spiral flutes	862,25 €	20
301-56.00-B	56.00	301B	HSS hand reamer DIN 206, form B	Ø 56 H7, spiral flutes	872,20 €	20
301-57.00-B	57.00	301B	HSS hand reamer DIN 206, form B	Ø 57 H7, spiral flutes	872,20 €	20
301-58.00-B	58.00	301B	HSS hand reamer DIN 206, form B	Ø 58 H7, spiral flutes	912,40 €	20
301-59.00-B	59.00	301B	HSS hand reamer DIN 206, form B	Ø 59 H7, spiral flutes	912,40 €	20
301-60.00-B	60.00	301B	HSS hand reamer DIN 206, form B	Ø 60 H7, spiral flutes	799,70 €	20
301B-1	Set	301B	Set HSS hand reamers H7 DIN 206, form B	Ø 1.0 H7-10.0 H7, spiral	567,85 €	20
301B-2	Set	301B	Set HSS hand reamers H7 DIN 206, form B	Ø 1.0 H7-5.9 H7, spiral	1.716,55 €	20



article code	Ø/size	cat.-no.	description 1	description 2	gross 2023	PG
301B-3	Set	301B	Set HSS hand reamers H7 DIN 206, form B	Ø 6.0 H7-10.0 H7, spiral	1.526,30 €	20
301B-4	Set	301B	Set HSS hand reamers H7 DIN 206, form B	Ø 1.0 H7-6.0 H7, spiral	1.741,75 €	20
302-04.00-A	4.00	302A	HSS hand reamer DIN 859, form A	Ø 4, straight flutes	74,30 €	20
302-05.00-A	5.00	302A	HSS hand reamer DIN 859, form A	Ø 5, straight flutes	76,75 €	20
302-06.00-A	6.00	302A	HSS hand reamer DIN 859, form A	Ø 6, straight flutes	88,05 €	20
302-07.00-A	7.00	302A	HSS hand reamer DIN 859, form A	Ø 7, straight flutes	107,60 €	20
302-08.00-A	8.00	302A	HSS hand reamer DIN 859, form A	Ø 8, straight flutes	92,20 €	20
302-09.00-A	9.00	302A	HSS hand reamer DIN 859, form A	Ø 9, straight flutes	105,05 €	20
302-10.00-A	10.00	302A	HSS hand reamer DIN 859, form A	Ø 10, straight flutes	107,60 €	20
302-11.00-A	11.00	302A	HSS hand reamer DIN 859, form A	Ø 11, straight flutes	133,20 €	20
302-12.00-A	12.00	302A	HSS hand reamer DIN 859, form A	Ø 12, straight flutes	121,60 €	20
302-13.00-A	13.00	302A	HSS hand reamer DIN 859, form A	Ø 13, straight flutes	142,10 €	20
302-14.00-A	14.00	302A	HSS hand reamer DIN 859, form A	Ø 14, straight flutes	143,35 €	20
302-15.00-A	15.00	302A	HSS hand reamer DIN 859, form A	Ø 15, straight flutes	148,45 €	20
302-16.00-A	16.00	302A	HSS hand reamer DIN 859, form A	Ø 16, straight flutes	179,10 €	20
302-17.00-A	17.00	302A	HSS hand reamer DIN 859, form A	Ø 17, straight flutes	229,00 €	20
302-18.00-A	18.00	302A	HSS hand reamer DIN 859, form A	Ø 18, straight flutes	202,15 €	20
302-19.00-A	19.00	302A	HSS hand reamer DIN 859, form A	Ø 19, straight flutes	207,25 €	20
302-20.00-A	20.00	302A	HSS hand reamer DIN 859, form A	Ø 20, straight flutes	212,30 €	20
302-21.00-A	21.00	302A	HSS hand reamer DIN 859, form A	Ø 21, straight flutes	264,85 €	20
302-22.00-A	22.00	302A	HSS hand reamer DIN 859, form A	Ø 22, straight flutes	248,15 €	20
302-23.00-A	23.00	302A	HSS hand reamer DIN 859, form A	Ø 23, straight flutes	296,70 €	20
302-24.00-A	24.00	302A	HSS hand reamer DIN 859, form A	Ø 24, straight flutes	271,20 €	20
302-25.00-A	25.00	302A	HSS hand reamer DIN 859, form A	Ø 25, straight flutes	271,20 €	20
302-26.00-A	26.00	302A	HSS hand reamer DIN 859, form A	Ø 26, straight flutes	291,60 €	20
302-27.00-A	27.00	302A	HSS hand reamer DIN 859, form A	Ø 27, straight flutes	421,95 €	20
302-28.00-A	28.00	302A	HSS hand reamer DIN 859, form A	Ø 28, straight flutes	335,10 €	20
302-29.00-A	29.00	302A	HSS hand reamer DIN 859, form A	Ø 29, straight flutes	466,70 €	20
302-30.00-A	30.00	302A	HSS hand reamer DIN 859, form A	Ø 30, straight flutes	350,45 €	20
302-31.00-A	31.00	302A	HSS hand reamer DIN 859, form A	Ø 31, straight flutes	478,30 €	20
302-32.00-A	32.00	302A	HSS hand reamer DIN 859, form A	Ø 32, straight flutes	462,90 €	20
302-33.00-A	33.00	302A	HSS hand reamer DIN 859, form A	Ø 33, straight flutes	608,65 €	20
302-34.00-A	34.00	302A	HSS hand reamer DIN 859, form A	Ø 34, straight flutes	503,85 €	20
302-35.00-A	35.00	302A	HSS hand reamer DIN 859, form A	Ø 35, straight flutes	524,25 €	20
302-36.00-A	36.00	302A	HSS hand reamer DIN 859, form A	Ø 36, straight flutes	652,05 €	20
302-37.00-A	37.00	302A	HSS hand reamer DIN 859, form A	Ø 37, straight flutes	727,55 €	20
302-38.00-A	38.00	302A	HSS hand reamer DIN 859, form A	Ø 38, straight flutes	698,10 €	20
302-39.00-A	39.00	302A	HSS hand reamer DIN 859, form A	Ø 39, straight flutes	993,50 €	20
302-40.00-A	40.00	302A	HSS hand reamer DIN 859, form A	Ø 40, straight flutes	698,10 €	20
302-41.00-A	41.00	302A	HSS hand reamer DIN 859, form A	Ø 41, straight flutes	984,45 €	20
302-42.00-A	42.00	302A	HSS hand reamer DIN 859, form A	Ø 42, straight flutes	791,40 €	20
302-43.00-A	43.00	302A	HSS hand reamer DIN 859, form A	Ø 43, straight flutes	1.214,55 €	20
302-44.00-A	44.00	302A	HSS hand reamer DIN 859, form A	Ø 44, straight flutes	1.134,10 €	20
302-45.00-A	45.00	302A	HSS hand reamer DIN 859, form A	Ø 45, straight flutes	1.134,10 €	20
302-46.00-A	46.00	302A	HSS hand reamer DIN 859, form A	Ø 46, straight flutes	1.237,65 €	20
302-47.00-A	47.00	302A	HSS hand reamer DIN 859, form A	Ø 47, straight flutes	1.263,20 €	20
302-48.00-A	48.00	302A	HSS hand reamer DIN 859, form A	Ø 48, straight flutes	1.178,85 €	20
302-49.00-A	49.00	302A	HSS hand reamer DIN 859, form A	Ø 49, straight flutes	1.532,85 €	20
302-50.00-A	50.00	302A	HSS hand reamer DIN 859, form A	Ø 50, straight flutes	1.250,40 €	20
302-52.00-A	52.00	302A	HSS hand reamer DIN 859, form A	Ø 52, straight flutes	1.391,05 €	20
302-55.00-A	55.00	302A	HSS hand reamer DIN 859, form A	Ø 55, straight flutes	1.391,05 €	20
302-58.00-A	58.00	302A	HSS hand reamer DIN 859, form A	Ø 58, straight flutes	1.771,90 €	20
302-60.00-A	60.00	302A	HSS hand reamer DIN 859, form A	Ø 60, straight flutes	1.610,80 €	20
302-06.00-B	6.00	302A	HSS hand reamer DIN 859, form B	Ø 6, spiral flutes	84,75 €	20
302-07.00-B	7.00	302A	HSS hand reamer DIN 859, form B	Ø 7, spiral flutes	103,55 €	20
302-08.00-B	8.00	302A	HSS hand reamer DIN 859, form B	Ø 8, spiral flutes	88,65 €	20
302-09.00-B	9.00	302A	HSS hand reamer DIN 859, form B	Ø 9, spiral flutes	101,00 €	20
302-10.00-B	10.00	302A	HSS hand reamer DIN 859, form B	Ø 10, spiral flutes	103,55 €	20
302-11.00-B	11.00	302A	HSS hand reamer DIN 859, form B	Ø 11, spiral flutes	128,10 €	20
302-12.00-B	12.00	302A	HSS hand reamer DIN 859, form B	Ø 12, spiral flutes	117,00 €	20
302-13.00-B	13.00	302A	HSS hand reamer DIN 859, form B	Ø 13, spiral flutes	138,05 €	20
302-14.00-B	14.00	302A	HSS hand reamer DIN 859, form B	Ø 14, spiral flutes	139,25 €	20
302-15.00-B	15.00	302A	HSS hand reamer DIN 859, form B	Ø 15, spiral flutes	144,15 €	20
302-16.00-B	16.00	302A	HSS hand reamer DIN 859, form B	Ø 16, spiral flutes	174,00 €	20
302-17.00-B	17.00	302A	HSS hand reamer DIN 859, form B	Ø 17, spiral flutes	222,40 €	20
302-18.00-B	18.00	302A	HSS hand reamer DIN 859, form B	Ø 18, spiral flutes	196,40 €	20
302-19.00-B	19.00	302A	HSS hand reamer DIN 859, form B	Ø 19, spiral flutes	207,25 €	20
302-20.00-B	20.00	302A	HSS hand reamer DIN 859, form B	Ø 20, spiral flutes	206,25 €	20
302-21.00-B	21.00	302A	HSS hand reamer DIN 859, form B	Ø 21, spiral flutes	264,85 €	20
302-22.00-B	22.00	302A	HSS hand reamer DIN 859, form B	Ø 22, spiral flutes	248,15 €	20
302-23.00-B	23.00	302A	HSS hand reamer DIN 859, form B	Ø 23, spiral flutes	296,70 €	20
302-24.00-B	24.00	302A	HSS hand reamer DIN 859, form B	Ø 24, spiral flutes	263,40 €	20
302-25.00-B	25.00	302A	HSS hand reamer DIN 859, form B	Ø 25, spiral flutes	263,40 €	20
302-26.00-B	26.00	302A	HSS hand reamer DIN 859, form B	Ø 26, spiral flutes	283,25 €	20

article code	Ø/size	cat.-no.	description 1	description 2	gross 2023	PG
302-27.00-B	27.00	302A	HSS hand reamer DIN 859, form B	Ø 27, spiral flutes	421,95 €	20
302-28.00-B	28.00	302A	HSS hand reamer DIN 859, form B	Ø 28, spiral flutes	325,50 €	20
302-29.00-B	29.00	302A	HSS hand reamer DIN 859, form B	Ø 29, spiral flutes	466,70 €	20
302-30.00-B	30.00	302A	HSS hand reamer DIN 859, form B	Ø 30, spiral flutes	340,40 €	20
302-31.00-B	31.00	302A	HSS hand reamer DIN 859, form B	Ø 31, spiral flutes	478,30 €	20
302-32.00-B	32.00	302A	HSS hand reamer DIN 859, form B	Ø 32, spiral flutes	462,90 €	20
302-33.00-B	33.00	302A	HSS hand reamer DIN 859, form B	Ø 33, spiral flutes	608,65 €	20
302-34.00-B	34.00	302A	HSS hand reamer DIN 859, form B	Ø 34, spiral flutes	503,85 €	20
302-35.00-B	35.00	302A	HSS hand reamer DIN 859, form B	Ø 35, spiral flutes	524,25 €	20
302-36.00-B	36.00	302A	HSS hand reamer DIN 859, form B	Ø 36, spiral flutes	652,05 €	20
302-37.00-B	37.00	302A	HSS hand reamer DIN 859, form B	Ø 37, spiral flutes	727,55 €	20
302-38.00-B	38.00	302A	HSS hand reamer DIN 859, form B	Ø 38, spiral flutes	698,10 €	20
302-39.00-B	39.00	302A	HSS hand reamer DIN 859, form B	Ø 39, spiral flutes	993,50 €	20
302-40.00-B	40.00	302A	HSS hand reamer DIN 859, form B	Ø 40, spiral flutes	698,10 €	20
302-41.00-B	41.00	302A	HSS hand reamer DIN 859, form B	Ø 41, spiral flutes	984,45 €	20
302-42.00-B	42.00	302A	HSS hand reamer DIN 859, form B	Ø 42, spiral flutes	791,40 €	20
302-43.00-B	43.00	302A	HSS hand reamer DIN 859, form B	Ø 43, spiral flutes	1.214,55 €	20
302-44.00-B	44.00	302A	HSS hand reamer DIN 859, form B	Ø 44, spiral flutes	1.134,10 €	20
302-45.00-B	45.00	302A	HSS hand reamer DIN 859, form B	Ø 45, spiral flutes	1.134,10 €	20
302-46.00-B	46.00	302A	HSS hand reamer DIN 859, form B	Ø 46, spiral flutes	1.237,65 €	20
302-47.00-B	47.00	302A	HSS hand reamer DIN 859, form B	Ø 47, spiral flutes	1.263,20 €	20
302-48.00-B	48.00	302A	HSS hand reamer DIN 859, form B	Ø 48, spiral flutes	1.178,85 €	20
302-49.00-B	49.00	302A	HSS hand reamer DIN 859, form B	Ø 49, spiral flutes	1.532,85 €	20
302-50.00-B	50.00	302A	HSS hand reamer DIN 859, form B	Ø 50, spiral flutes	1.250,40 €	20
302-52.00-B	52.00	302A	HSS hand reamer DIN 859, form B	Ø 52, spiral flutes	1.391,05 €	20
302-55.00-B	55.00	302A	HSS hand reamer DIN 859, form B	Ø 55, spiral flutes	1.391,05 €	20
302-58.00-B	58.00	302A	HSS hand reamer DIN 859, form B	Ø 58, spiral flutes	1.771,90 €	20
302-60.00-B	60.00	302A	HSS hand reamer DIN 859, form B	Ø 60, spiral flutes	1.610,80 €	20
303-06.40-S	6.40	303S	Spezial steel adjustable hand reamer	Ø 6.4-7.2	143,60 €	02
303-07.20-S	7.20	303S	Spezial steel adjustable hand reamer	Ø 7.2-8	143,60 €	02
303-08.00-S	8.00	303S	Spezial steel adjustable hand reamer	Ø 8-9	143,60 €	02
303-09.00-S	9.00	303S	Spezial steel adjustable hand reamer	Ø 9-10	140,05 €	02
303-10.00-S	10.00	303S	Spezial steel adjustable hand reamer	Ø 10-11	140,05 €	02
303-11.00-S	11.00	303S	Spezial steel adjustable hand reamer	Ø 11-12	140,05 €	02
303-12.00-S	12.00	303S	Spezial steel adjustable hand reamer	Ø 12-13.5	140,05 €	02
303-13.50-S	13.50	303S	Spezial steel adjustable hand reamer	Ø 13.5-15.5	154,25 €	02
303-15.50-S	15.50	303S	Spezial steel adjustable hand reamer	Ø 15.5-18	173,75 €	02
303-18.00-S	18.00	303S	Spezial steel adjustable hand reamer	Ø 18-21	187,95 €	02
303-21.00-S	21.00	303S	Spezial steel adjustable hand reamer	Ø 21-24	200,35 €	02
303-24.00-S	24.00	303S	Spezial steel adjustable hand reamer	Ø 24-27.5	226,95 €	02
303-27.50-S	27.50	303S	Spezial steel adjustable hand reamer	Ø 27.5-31.5	276,55 €	02
303-31.50-S	31.50	303S	Spezial steel adjustable hand reamer	Ø 31.5-37	372,30 €	02
303-37.00-S	37.00	303S	Spezial steel adjustable hand reamer	Ø 37-45	510,55 €	02
303-45.00-S	45.00	303S	Spezial steel adjustable hand reamer	Ø 45-55	696,70 €	02
303-55.00-S	55.00	303S	Spezial steel adjustable hand reamer	Ø 55-65	973,25 €	02
303-65.00-S	65.00	303S	Spezial steel adjustable hand reamer	Ø 65-80	1.685,90 €	02
303AS	Set	303S	Set special steel adjustable hand reamer	Ø 8 - 31.5 (11 pcs. in box)	2.059,95 €	02
303BS	Set	303S	Set special steel adjustable hand reamer	Ø 8 - 45.0 (13 pcs. in box)	3.001,25 €	02
303-06.40-SE	6.40	303SE	Special steel spare blade	set for Ø 6.4-7.2	92,20 €	02
303-07.20-SE	7.20	303SE	Special steel spare blade	set for Ø 7.2-8	92,20 €	02
303-08.00-SE	8.00	303SE	Special steel spare blade	set for Ø 8-9	92,20 €	02
303-09.00-SE	9.00	303SE	Special steel spare blade	set for Ø 9-10	94,00 €	02
303-10.00-SE	10.00	303SE	Special steel spare blade	set for Ø 10-11	94,00 €	02
303-11.00-SE	11.00	303SE	Special steel spare blade	set for Ø 11-12	94,00 €	02
303-12.00-SE	12.00	303SE	Special steel spare blade	set for Ø 12-13.5	97,50 €	02
303-13.50-SE	13.50	303SE	Special steel spare blade	set for Ø 13.5-15.5	106,40 €	02
303-15.50-SE	15.50	303SE	Special steel spare blade	set for Ø 15.5-18	115,25 €	02
303-18.00-SE	18.00	303SE	Special steel spare blade	set for Ø 18-21	122,35 €	02
303-21.00-SE	21.00	303SE	Special steel spare blade	set for Ø 21-24	127,65 €	02
303-24.00-SE	24.00	303SE	Special steel spare blade	set for Ø 24-27.5	140,05 €	02
303-27.50-SE	27.50	303SE	Special steel spare blade	set for Ø 27.5-31.5	166,65 €	02
303-31.50-SE	31.50	303SE	Special steel spare blade	set for Ø 31.5-37	228,70 €	02
303-37.00-SE	37.00	303SE	Special steel spare blade	set for Ø 37-45	312,00 €	02
303-45.00-SE	45.00	303SE	Special steel spare blade	set for Ø 45-55	372,30 €	02
303-55.00-SE	55.00	303SE	Special steel spare blade	set for Ø 55-65	514,10 €	02
303-65.00-SE	65.00	303SE	Special steel spare blade	set for Ø 65-80	920,05 €	02
303-06.40-H	6.40	303H	Hard-chromed adjustable hand reamer	Ø 6.4-7.2	202,10 €	02
303-07.20-H	7.20	303H	Hard-chromed adjustable hand reamer	Ø 7.2-8	196,80 €	02
303-08.00-H	8.00	303H	Hard-chromed adjustable hand reamer	Ø 8-9	196,80 €	02
303-09.00-H	9.00	303H	Hard-chromed adjustable hand reamer	Ø 9-10	196,80 €	02
303-10.00-H	10.00	303H	Hard-chromed adjustable hand reamer	Ø 10-11	196,80 €	02
303-11.00-H	11.00	303H	Hard-chromed adjustable hand reamer	Ø 11-12	196,80 €	02
303-12.00-H	12.00	303H	Hard-chromed adjustable hand reamer	Ø 12-13.5	200,35 €	02
303-13.50-H	13.50	303H	Hard-chromed adjustable hand reamer	Ø 13.5-15.5	209,20 €	02



article code	Ø/size	cat.-no.	description 1	description 2	gross 2023	PG
303-15.50-H	15.50	303H	Hard-chromed adjustable hand reamer	Ø 15.5-18	228,70 €	02
303-18.00-H	18.00	303H	Hard-chromed adjustable hand reamer	Ø 18-21	241,10 €	02
303-21.00-H	21.00	303H	Hard-chromed adjustable hand reamer	Ø 21-24	271,25 €	02
303-24.00-H	24.00	303H	Hard-chromed adjustable hand reamer	Ø 24-27.5	294,30 €	02
303-27.50-H	27.50	303H	Hard-chromed adjustable hand reamer	Ø 27.5-31.5	374,05 €	02
303-31.50-H	31.50	303H	Hard-chromed adjustable hand reamer	Ø 31.5-37	464,50 €	02
303-37.00-H	37.00	303H	Hard-chromed adjustable hand reamer	Ø 37-45	643,50 €	02
303-45.00-H	45.00	303H	Hard-chromed adjustable hand reamer	Ø 45-55	845,60 €	02
303-55.00-H	55.00	303H	Hard-chromed adjustable hand reamer	Ø 55-65	1.249,80 €	02
303-65.00-H	65.00	303H	Hard-chromed adjustable hand reamer	Ø 65-80	1.834,80 €	02
303AH	Set	303H	Set hard-chromed adjustable hand reamer	Ø 8 - 31.5 (11 pcs. in box)	2.671,50 €	02
303BH	Set	303H	Set hard-chromed adjustable hand reamer	Ø 8 - 45.0 (13 pcs. in box)	3.825,55 €	02
303-06.40-HE	6.40	303HE	Hard-chromed spare blade	set for Ø 6.4-7.2	124,10 €	02
303-07.20-HE	7.20	303HE	Hard-chromed spare blade	set for Ø 7.2-8	124,10 €	02
303-08.00-HE	8.00	303HE	Hard-chromed spare blade	set for Ø 8-9	118,80 €	02
303-09.00-HE	9.00	303HE	Hard-chromed spare blade	set for Ø 9-10	122,35 €	02
303-10.00-HE	10.00	303HE	Hard-chromed spare blade	set for Ø 10-11	122,35 €	02
303-11.00-HE	11.00	303HE	Hard-chromed spare blade	set for Ø 11-12	122,35 €	02
303-12.00-HE	12.00	303HE	Hard-chromed spare blade	set for Ø 12-13.5	145,40 €	02
303-13.50-HE	13.50	303HE	Hard-chromed spare blade	set for Ø 13.5-15.5	150,70 €	02
303-15.50-HE	15.50	303HE	Hard-chromed spare blade	set for Ø 15.5-18	156,00 €	02
303-18.00-HE	18.00	303HE	Hard-chromed spare blade	set for Ø 18-21	156,00 €	02
303-21.00-HE	21.00	303HE	Hard-chromed spare blade	set for Ø 21-24	166,65 €	02
303-24.00-HE	24.00	303HE	Hard-chromed spare blade	set for Ø 24-27.5	179,05 €	02
303-27.50-HE	27.50	303HE	Hard-chromed spare blade	set for Ø 27.5-31.5	207,45 €	02
303-31.50-HE	31.50	303HE	Hard-chromed spare blade	set for Ø 31.5-37	281,90 €	02
303-37.00-HE	37.00	303HE	Hard-chromed spare blade	set for Ø 37-45	363,45 €	02
303-45.00-HE	45.00	303HE	Hard-chromed spare blade	set for Ø 45-55	423,70 €	02
303-55.00-HE	55.00	303HE	Hard-chromed spare blade	set for Ø 55-65	567,30 €	02
303-65.00-HE	65.00	303HE	Hard-chromed spare blade	set for Ø 65-80	964,40 €	02
303-06.40-M	6.40	303M	Spare nut	for Ø 6.4-7.2	14,00 €	02
303-07.20-M	7.20	303M	Spare nut	for Ø 7.2-8	14,00 €	02
303-08.00-M	8.00	303M	Spare nut	for Ø 8-9	14,00 €	02
303-09.00-M	9.00	303M	Spare nut	for Ø 9-10	14,00 €	02
303-10.00-M	10.00	303M	Spare nut	for Ø 10-11	14,00 €	02
303-11.00-M	11.00	303M	Spare nut	for Ø 11-12	14,00 €	02
303-12.00-M	12.00	303M	Spare nut	for Ø 12-13.5	18,40 €	02
303-13.50-M	13.50	303M	Spare nut	for Ø 13.5-15.5	18,40 €	02
303-15.50-M	15.50	303M	Spare nut	for Ø 15.5-18	20,05 €	02
303-18.00-M	18.00	303M	Spare nut	for Ø 18-21	21,05 €	02
303-21.00-M	21.00	303M	Spare nut	for Ø 21-24	21,05 €	02
303-24.00-M	24.00	303M	Spare nut	for Ø 24-27.5	21,05 €	02
303-27.50-M	27.50	303M	Spare nut	for Ø 27.5-31.5	25,40 €	02
303-31.50-M	31.50	303M	Spare nut	for Ø 31.5-37	33,05 €	02
303-37.00-M	37.00	303M	Spare nut	for Ø 37-45	48,70 €	02
303-45.00-M	45.00	303M	Spare nut	for Ø 45-55	60,00 €	02
303-55.00-M	55.00	303M	Spare nut	for Ø 55-65	75,70 €	02
303-65.00-M	65.00	303M	Spare nut	for Ø 65-80	88,10 €	02
399-00.90	0.90	399	HSS/E machine reamer DIN 212 1/100	Ø 0.90, +0.003/0, spiral	32,45 €	01
399-00.91	0.91	399	HSS/E machine reamer DIN 212 1/100	Ø 0.91, +0.003/0, spiral	32,45 €	01
399-00.92	0.92	399	HSS/E machine reamer DIN 212 1/100	Ø 0.92, +0.003/0, spiral	32,45 €	01
399-00.93	0.93	399	HSS/E machine reamer DIN 212 1/100	Ø 0.93, +0.003/0, spiral	32,45 €	01
399-00.94	0.94	399	HSS/E machine reamer DIN 212 1/100	Ø 0.94, +0.003/0, spiral	32,45 €	01
399-00.95	0.95	399	HSS/E machine reamer DIN 212 1/100	Ø 0.95, +0.003/0, spiral	32,45 €	01
399-00.96	0.96	399	HSS/E machine reamer DIN 212 1/100	Ø 0.96, +0.003/0, spiral	32,45 €	01
399-00.97	0.97	399	HSS/E machine reamer DIN 212 1/100	Ø 0.97, +0.003/0, spiral	32,45 €	01
399-00.98	0.98	399	HSS/E machine reamer DIN 212 1/100	Ø 0.98, +0.003/0, spiral	32,45 €	01
399-00.99	0.99	399	HSS/E machine reamer DIN 212 1/100	Ø 0.99, +0.003/0, spiral	32,45 €	01
399-01.00	1.00	399	HSS/E machine reamer DIN 212 1/100	Ø 1.00, +0.003/0, spiral	32,45 €	01
399-01.01	1.01	399	HSS/E machine reamer DIN 212 1/100	Ø 1.01, +0.003/0, spiral	32,45 €	01
399-01.02	1.02	399	HSS/E machine reamer DIN 212 1/100	Ø 1.02, +0.003/0, spiral	32,45 €	01
399-01.03	1.03	399	HSS/E machine reamer DIN 212 1/100	Ø 1.03, +0.003/0, spiral	32,45 €	01
399-01.04	1.04	399	HSS/E machine reamer DIN 212 1/100	Ø 1.04, +0.003/0, spiral	32,45 €	01
399-01.05	1.05	399	HSS/E machine reamer DIN 212 1/100	Ø 1.05, +0.003/0, spiral	32,45 €	01
399-01.06	1.06	399	HSS/E machine reamer DIN 212 1/100	Ø 1.06, +0.003/0, spiral	32,45 €	01
399-01.07	1.07	399	HSS/E machine reamer DIN 212 1/100	Ø 1.07, +0.003/0, spiral	32,45 €	01
399-01.08	1.08	399	HSS/E machine reamer DIN 212 1/100	Ø 1.08, +0.003/0, spiral	32,45 €	01
399-01.09	1.09	399	HSS/E machine reamer DIN 212 1/100	Ø 1.09, +0.003/0, spiral	32,45 €	01
399-01.10	1.10	399	HSS/E machine reamer DIN 212 1/100	Ø 1.10, +0.003/0, spiral	32,45 €	01
399-01.11	1.11	399	HSS/E machine reamer DIN 212 1/100	Ø 1.11, +0.003/0, spiral	32,45 €	01
399-01.12	1.12	399	HSS/E machine reamer DIN 212 1/100	Ø 1.12, +0.003/0, spiral	32,45 €	01
399-01.13	1.13	399	HSS/E machine reamer DIN 212 1/100	Ø 1.13, +0.003/0, spiral	32,45 €	01
399-01.14	1.14	399	HSS/E machine reamer DIN 212 1/100	Ø 1.14, +0.003/0, spiral	32,45 €	01
399-01.15	1.15	399	HSS/E machine reamer DIN 212 1/100	Ø 1.15, +0.003/0, spiral	32,45 €	01





















































article code	Ø/size	cat.-no.	description 1	description 2	gross 2023	PG
399-13.00	13.00	399	HSS/E machine reamer DIN 212 1/100	Ø 13.00, +0.003/0, spiral	58,45 €	01
399-13.01	13.01	399	HSS/E machine reamer DIN 212 1/100	Ø 13.01, +0.003/0, spiral	58,45 €	01
399-13.02	13.02	399	HSS/E machine reamer DIN 212 1/100	Ø 13.02, +0.003/0, spiral	58,45 €	01
399-13.03	13.03	399	HSS/E machine reamer DIN 212 1/100	Ø 13.03, +0.003/0, spiral	58,45 €	01
399-13.04	13.04	399	HSS/E machine reamer DIN 212 1/100	Ø 13.04, +0.003/0, spiral	58,45 €	01
399-13.05	13.05	399	HSS/E machine reamer DIN 212 1/100	Ø 13.05, +0.003/0, spiral	58,45 €	01
399-13.06	13.06	399	HSS/E machine reamer DIN 212 1/100	Ø 13.06, +0.003/0, spiral	58,45 €	01
399-13.07	13.07	399	HSS/E machine reamer DIN 212 1/100	Ø 13.07, +0.003/0, spiral	58,45 €	01
399-13.08	13.08	399	HSS/E machine reamer DIN 212 1/100	Ø 13.08, +0.003/0, spiral	58,45 €	01
399-13.09	13.09	399	HSS/E machine reamer DIN 212 1/100	Ø 13.09, +0.003/0, spiral	58,45 €	01
399-13.10	13.10	399	HSS/E machine reamer DIN 212 1/100	Ø 13.10, +0.003/0, spiral	58,45 €	01
399-13.11	13.11	399	HSS/E machine reamer DIN 212 1/100	Ø 13.11, +0.003/0, spiral	58,45 €	01
399-13.12	13.12	399	HSS/E machine reamer DIN 212 1/100	Ø 13.12, +0.003/0, spiral	58,45 €	01
399-13.13	13.13	399	HSS/E machine reamer DIN 212 1/100	Ø 13.13, +0.003/0, spiral	58,45 €	01
399-13.14	13.14	399	HSS/E machine reamer DIN 212 1/100	Ø 13.14, +0.003/0, spiral	58,45 €	01
399-13.15	13.15	399	HSS/E machine reamer DIN 212 1/100	Ø 13.15, +0.003/0, spiral	58,45 €	01
399-13.16	13.16	399	HSS/E machine reamer DIN 212 1/100	Ø 13.16, +0.003/0, spiral	58,45 €	01
399-13.17	13.17	399	HSS/E machine reamer DIN 212 1/100	Ø 13.17, +0.003/0, spiral	58,45 €	01
399-13.18	13.18	399	HSS/E machine reamer DIN 212 1/100	Ø 13.18, +0.003/0, spiral	58,45 €	01
399-13.19	13.19	399	HSS/E machine reamer DIN 212 1/100	Ø 13.19, +0.003/0, spiral	58,45 €	01
399-13.20	13.20	399	HSS/E machine reamer DIN 212 1/100	Ø 13.20, +0.003/0, spiral	58,45 €	01
401-03.00-A	3.00	401A	HSS/E machine reamer DIN 208, form A	Ø 3 H7, straight, MT	74,70 €	15
401-04.00-A	4.00	401A	HSS/E machine reamer DIN 208, form A	Ø 4 H7, straight, MT	76,10 €	15
401-05.00-A	5.00	401A	HSS/E machine reamer DIN 208, form A	Ø 5 H7, straight, MT	58,35 €	15
401-06.00-A	6.00	401A	HSS/E machine reamer DIN 208, form A	Ø 6 H7, straight, MT	58,35 €	15
401-07.00-A	7.00	401A	HSS/E machine reamer DIN 208, form A	Ø 7 H7, straight, MT	62,00 €	15
401-08.00-A	8.00	401A	HSS/E machine reamer DIN 208, form A	Ø 8 H7, straight, MT	62,00 €	15
401-09.00-A	9.00	401A	HSS/E machine reamer DIN 208, form A	Ø 9 H7, straight, MT	71,10 €	15
401-10.00-A	10.00	401A	HSS/E machine reamer DIN 208, form A	Ø 10 H7, straight, MT	52,45 €	15
401-11.00-A	11.00	401A	HSS/E machine reamer DIN 208, form A	Ø 11 H7, straight, MT	58,55 €	15
401-12.00-A	12.00	401A	HSS/E machine reamer DIN 208, form A	Ø 12 H7, straight, MT	58,55 €	15
401-13.00-A	13.00	401A	HSS/E machine reamer DIN 208, form A	Ø 13 H7, straight, MT	60,05 €	15
401-14.00-A	14.00	401A	HSS/E machine reamer DIN 208, form A	Ø 14 H7, straight, MT	60,90 €	15
401-15.00-A	15.00	401A	HSS/E machine reamer DIN 208, form A	Ø 15 H7, straight, MT	75,00 €	15
401-16.00-A	16.00	401A	HSS/E machine reamer DIN 208, form A	Ø 16 H7, straight, MT	76,15 €	15
401-17.00-A	17.00	401A	HSS/E machine reamer DIN 208, form A	Ø 17 H7, straight, MT	80,85 €	15
401-18.00-A	18.00	401A	HSS/E machine reamer DIN 208, form A	Ø 18 H7, straight, MT	83,55 €	15
401-19.00-A	19.00	401A	HSS/E machine reamer DIN 208, form A	Ø 19 H7, straight, MT	88,30 €	15
401-20.00-A	20.00	401A	HSS/E machine reamer DIN 208, form A	Ø 20 H7, straight, MT	88,30 €	15
401-21.00-A	21.00	401A	HSS/E machine reamer DIN 208, form A	Ø 21 H7, straight, MT	100,50 €	15
401-22.00-A	22.00	401A	HSS/E machine reamer DIN 208, form A	Ø 22 H7, straight, MT	100,15 €	15
401-23.00-A	23.00	401A	HSS/E machine reamer DIN 208, form A	Ø 23 H7, straight, MT	115,40 €	15
401-24.00-A	24.00	401A	HSS/E machine reamer DIN 208, form A	Ø 24 H7, straight, MT	116,90 €	15
401-25.00-A	25.00	401A	HSS/E machine reamer DIN 208, form A	Ø 25 H7, straight, MT	121,80 €	15
401-26.00-A	26.00	401A	HSS/E machine reamer DIN 208, form A	Ø 26 H7, straight, MT	131,70 €	15
401-27.00-A	27.00	401A	HSS/E machine reamer DIN 208, form A	Ø 27 H7, straight, MT	145,20 €	15
401-28.00-A	28.00	401A	HSS/E machine reamer DIN 208, form A	Ø 28 H7, straight, MT	145,45 €	15
401-29.00-A	29.00	401A	HSS/E machine reamer DIN 208, form A	Ø 29 H7, straight, MT	161,95 €	15
401-30.00-A	30.00	401A	HSS/E machine reamer DIN 208, form A	Ø 30 H7, straight, MT	149,80 €	15
401-31.00-A	31.00	401A	HSS/E machine reamer DIN 208, form A	Ø 31 H7, straight, MT	191,95 €	15
401-32.00-A	32.00	401A	HSS/E machine reamer DIN 208, form A	Ø 32 H7, straight, MT	193,65 €	15
401-33.00-A	33.00	401A	HSS/E machine reamer DIN 208, form A	Ø 33 H7, straight, MT	220,40 €	15
401-34.00-A	34.00	401A	HSS/E machine reamer DIN 208, form A	Ø 34 H7, straight, MT	220,40 €	15
401-35.00-A	35.00	401A	HSS/E machine reamer DIN 208, form A	Ø 35 H7, straight, MT	220,40 €	15
401-36.00-A	36.00	401A	HSS/E machine reamer DIN 208, form A	Ø 36 H7, straight, MT	238,75 €	15
401-37.00-A	37.00	401A	HSS/E machine reamer DIN 208, form A	Ø 37 H7, straight, MT	261,90 €	15
401-38.00-A	38.00	401A	HSS/E machine reamer DIN 208, form A	Ø 38 H7, straight, MT	261,90 €	15
401-39.00-A	39.00	401A	HSS/E machine reamer DIN 208, form A	Ø 39 H7, straight, MT	263,75 €	15
401-40.00-A	40.00	401A	HSS/E machine reamer DIN 208, form A	Ø 40 H7, straight, MT	266,60 €	15
401-41.00-A	41.00	401A	HSS/E machine reamer DIN 208, form A	Ø 41 H7, straight, MT	287,20 €	15
401-42.00-A	42.00	401A	HSS/E machine reamer DIN 208, form A	Ø 42 H7, straight, MT	287,20 €	15
401-43.00-A	43.00	401A	HSS/E machine reamer DIN 208, form A	Ø 43 H7, straight, MT	340,55 €	15
401-44.00-A	44.00	401A	HSS/E machine reamer DIN 208, form A	Ø 44 H7, straight, MT	340,55 €	15
401-45.00-A	45.00	401A	HSS/E machine reamer DIN 208, form A	Ø 45 H7, straight, MT	346,95 €	15
401-46.00-A	46.00	401A	HSS/E machine reamer DIN 208, form A	Ø 46 H7, straight, MT	405,60 €	15
401-47.00-A	47.00	401A	HSS/E machine reamer DIN 208, form A	Ø 47 H7, straight, MT	428,70 €	15
401-48.00-A	48.00	401A	HSS/E machine reamer DIN 208, form A	Ø 48 H7, straight, MT	432,25 €	15
401-49.00-A	49.00	401A	HSS/E machine reamer DIN 208, form A	Ø 49 H7, straight, MT	432,25 €	15
401-50.00-A	50.00	401A	HSS/E machine reamer DIN 208, form A	Ø 50 H7, straight, MT	438,00 €	15
401-52.00-A	52.00	401A	HSS/E machine reamer DIN 208, form A	Ø 52 H7, straight, MT	761,65 €	15
401-54.00-A	54.00	401A	HSS/E machine reamer DIN 208, form A	Ø 54 H7, straight, MT	835,20 €	15
401-55.00-A	55.00	401A	HSS/E machine reamer DIN 208, form A	Ø 55 H7, straight, MT	876,55 €	15
401-56.00-A	56.00	401A	HSS/E machine reamer DIN 208, form A	Ø 56 H7, straight, MT	876,55 €	15
401-58.00-A	58.00	401A	HSS/E machine reamer DIN 208, form A	Ø 58 H7, straight, MT	876,55 €	15



article code	Ø/size	cat.-no.	description 1	description 2	gross 2023	PG
401-60.00-A	60.00	401A	HSS/E machine reamer DIN 208, form A	Ø 60 H7, straight, MT	895,15 €	15
401-03.00-B	3.00	401B	HSS/E machine reamer DIN 208, form B	Ø 3 H7, spiral, MT	61,65 €	15
401-04.00-B	4.00	401B	HSS/E machine reamer DIN 208, form B	Ø 4 H7, spiral, MT	58,35 €	15
401-05.00-B	5.00	401B	HSS/E machine reamer DIN 208, form B	Ø 5 H7, spiral, MT	58,35 €	15
401-06.00-B	6.00	401B	HSS/E machine reamer DIN 208, form B	Ø 6 H7, spiral, MT	58,35 €	15
401-07.00-B	7.00	401B	HSS/E machine reamer DIN 208, form B	Ø 7 H7, spiral, MT	62,00 €	15
401-08.00-B	8.00	401B	HSS/E machine reamer DIN 208, form B	Ø 8 H7, spiral, MT	62,00 €	15
401-09.00-B	9.00	401B	HSS/E machine reamer DIN 208, form B	Ø 9 H7, spiral, MT	71,10 €	15
401-10.00-B	10.00	401B	HSS/E machine reamer DIN 208, form B	Ø 10 H7, spiral, MT	52,45 €	15
401-11.00-B	11.00	401B	HSS/E machine reamer DIN 208, form B	Ø 11 H7, spiral, MT	58,55 €	15
401-12.00-B	12.00	401B	HSS/E machine reamer DIN 208, form B	Ø 12 H7, spiral, MT	58,55 €	15
401-13.00-B	13.00	401B	HSS/E machine reamer DIN 208, form B	Ø 13 H7, spiral, MT	63,00 €	15
401-14.00-B	14.00	401B	HSS/E machine reamer DIN 208, form B	Ø 14 H7, spiral, MT	63,25 €	15
401-15.00-B	15.00	401B	HSS/E machine reamer DIN 208, form B	Ø 15 H7, spiral, MT	75,00 €	15
401-16.00-B	16.00	401B	HSS/E machine reamer DIN 208, form B	Ø 16 H7, spiral, MT	76,15 €	15
401-17.00-B	17.00	401B	HSS/E machine reamer DIN 208, form B	Ø 17 H7, spiral, MT	80,85 €	15
401-18.00-B	18.00	401B	HSS/E machine reamer DIN 208, form B	Ø 18 H7, spiral, MT	83,55 €	15
401-19.00-B	19.00	401B	HSS/E machine reamer DIN 208, form B	Ø 19 H7, spiral, MT	88,30 €	15
401-20.00-B	20.00	401B	HSS/E machine reamer DIN 208, form B	Ø 20 H7, spiral, MT	88,30 €	15
401-21.00-B	21.00	401B	HSS/E machine reamer DIN 208, form B	Ø 21 H7, spiral, MT	100,50 €	15
401-22.00-B	22.00	401B	HSS/E machine reamer DIN 208, form B	Ø 22 H7, spiral, MT	100,15 €	15
401-23.00-B	23.00	401B	HSS/E machine reamer DIN 208, form B	Ø 23 H7, spiral, MT	116,35 €	15
401-24.00-B	24.00	401B	HSS/E machine reamer DIN 208, form B	Ø 24 H7, spiral, MT	116,90 €	15
401-25.00-B	25.00	401B	HSS/E machine reamer DIN 208, form B	Ø 25 H7, spiral, MT	121,80 €	15
401-26.00-B	26.00	401B	HSS/E machine reamer DIN 208, form B	Ø 26 H7, spiral, MT	131,70 €	15
401-27.00-B	27.00	401B	HSS/E machine reamer DIN 208, form B	Ø 27 H7, spiral, MT	145,20 €	15
401-28.00-B	28.00	401B	HSS/E machine reamer DIN 208, form B	Ø 28 H7, spiral, MT	145,45 €	15
401-29.00-B	29.00	401B	HSS/E machine reamer DIN 208, form B	Ø 29 H7, spiral, MT	161,95 €	15
401-30.00-B	30.00	401B	HSS/E machine reamer DIN 208, form B	Ø 30 H7, spiral, MT	149,80 €	15
401-31.00-B	31.00	401B	HSS/E machine reamer DIN 208, form B	Ø 31 H7, spiral, MT	191,95 €	15
401-32.00-B	32.00	401B	HSS/E machine reamer DIN 208, form B	Ø 32 H7, spiral, MT	193,65 €	15
401-33.00-B	33.00	401B	HSS/E machine reamer DIN 208, form B	Ø 33 H7, spiral, MT	220,40 €	15
401-34.00-B	34.00	401B	HSS/E machine reamer DIN 208, form B	Ø 34 H7, spiral, MT	220,40 €	15
401-35.00-B	35.00	401B	HSS/E machine reamer DIN 208, form B	Ø 35 H7, spiral, MT	220,40 €	15
401-36.00-B	36.00	401B	HSS/E machine reamer DIN 208, form B	Ø 36 H7, spiral, MT	238,75 €	15
401-37.00-B	37.00	401B	HSS/E machine reamer DIN 208, form B	Ø 37 H7, spiral, MT	261,90 €	15
401-38.00-B	38.00	401B	HSS/E machine reamer DIN 208, form B	Ø 38 H7, spiral, MT	261,90 €	15
401-39.00-B	39.00	401B	HSS/E machine reamer DIN 208, form B	Ø 39 H7, spiral, MT	263,75 €	15
401-40.00-B	40.00	401B	HSS/E machine reamer DIN 208, form B	Ø 40 H7, spiral, MT	266,60 €	15
401-41.00-B	41.00	401B	HSS/E machine reamer DIN 208, form B	Ø 41 H7, spiral, MT	287,20 €	15
401-42.00-B	42.00	401B	HSS/E machine reamer DIN 208, form B	Ø 42 H7, spiral, MT	293,30 €	15
401-43.00-B	43.00	401B	HSS/E machine reamer DIN 208, form B	Ø 43 H7, spiral, MT	340,55 €	15
401-44.00-B	44.00	401B	HSS/E machine reamer DIN 208, form B	Ø 44 H7, spiral, MT	340,55 €	15
401-45.00-B	45.00	401B	HSS/E machine reamer DIN 208, form B	Ø 45 H7, spiral, MT	346,95 €	15
401-46.00-B	46.00	401B	HSS/E machine reamer DIN 208, form B	Ø 46 H7, spiral, MT	405,60 €	15
401-47.00-B	47.00	401B	HSS/E machine reamer DIN 208, form B	Ø 47 H7, spiral, MT	428,70 €	15
401-48.00-B	48.00	401B	HSS/E machine reamer DIN 208, form B	Ø 48 H7, spiral, MT	432,25 €	15
401-49.00-B	49.00	401B	HSS/E machine reamer DIN 208, form B	Ø 49 H7, spiral, MT	432,25 €	15
401-50.00-B	50.00	401B	HSS/E machine reamer DIN 208, form B	Ø 50 H7, spiral, MT	438,00 €	15
401-52.00-B	52.00	401B	HSS/E machine reamer DIN 208, form B	Ø 52 H7, spiral, MT	761,65 €	15
401-54.00-B	54.00	401B	HSS/E machine reamer DIN 208, form B	Ø 54 H7, spiral, MT	835,20 €	15
401-55.00-B	55.00	401B	HSS/E machine reamer DIN 208, form B	Ø 55 H7, spiral, MT	876,55 €	15
401-56.00-B	56.00	401B	HSS/E machine reamer DIN 208, form B	Ø 56 H7, spiral, MT	876,55 €	15
401-58.00-B	58.00	401B	HSS/E machine reamer DIN 208, form B	Ø 58 H7, spiral, MT	876,55 €	15
401-60.00-B	60.00	401B	HSS/E machine reamer DIN 208, form B	Ø 60 H7, spiral, MT	895,15 €	15
403-05.00-C	5.00	403	HSS/E machine reamer DIN 208, form C	Ø 5 H7, 45° helical, MT	68,70 €	15
403-06.00-C	6.00	403	HSS/E machine reamer DIN 208, form C	Ø 6 H7, 45° helical, MT	68,00 €	15
403-07.00-C	7.00	403	HSS/E machine reamer DIN 208, form C	Ø 7 H7, 45° helical, MT	75,75 €	15
403-08.00-C	8.00	403	HSS/E machine reamer DIN 208, form C	Ø 8 H7, 45° helical, MT	72,15 €	15
403-09.00-C	9.00	403	HSS/E machine reamer DIN 208, form C	Ø 9 H7, 45° helical, MT	85,00 €	15
403-10.00-C	10.00	403	HSS/E machine reamer DIN 208, form C	Ø 10 H7, 45° helical, MT	60,30 €	15
403-11.00-C	11.00	403	HSS/E machine reamer DIN 208, form C	Ø 11 H7, 45° helical, MT	69,10 €	15
403-12.00-C	12.00	403	HSS/E machine reamer DIN 208, form C	Ø 12 H7, 45° helical, MT	63,65 €	15
403-13.00-C	13.00	403	HSS/E machine reamer DIN 208, form C	Ø 13 H7, 45° helical, MT	73,25 €	15
403-14.00-C	14.00	403	HSS/E machine reamer DIN 208, form C	Ø 14 H7, 45° helical, MT	73,25 €	15
403-15.00-C	15.00	403	HSS/E machine reamer DIN 208, form C	Ø 15 H7, 45° helical, MT	79,95 €	15
403-16.00-C	16.00	403	HSS/E machine reamer DIN 208, form C	Ø 16 H7, 45° helical, MT	80,35 €	15
403-17.00-C	17.00	403	HSS/E machine reamer DIN 208, form C	Ø 17 H7, 45° helical, MT	88,30 €	15
403-18.00-C	18.00	403	HSS/E machine reamer DIN 208, form C	Ø 18 H7, 45° helical, MT	88,30 €	15
403-19.00-C	19.00	403	HSS/E machine reamer DIN 208, form C	Ø 19 H7, 45° helical, MT	91,30 €	15
403-20.00-C	20.00	403	HSS/E machine reamer DIN 208, form C	Ø 20 H7, 45° helical, MT	91,30 €	15
403-21.00-C	21.00	403	HSS/E machine reamer DIN 208, form C	Ø 21 H7, 45° helical, MT	108,30 €	15
403-22.00-C	22.00	403	HSS/E machine reamer DIN 208, form C	Ø 22 H7, 45° helical, MT	105,70 €	15
403-23.00-C	23.00	403	HSS/E machine reamer DIN 208, form C	Ø 23 H7, 45° helical, MT	132,30 €	15



article code	Ø/size	cat.-no.	description 1	description 2	gross 2023	PG
403-24.00-C	24.00	403	HSS/E machine reamer DIN 208, form C	Ø 24 H7, 45° helical, MT	132,30 €	15
403-25.00-C	25.00	403	HSS/E machine reamer DIN 208, form C	Ø 25 H7, 45° helical, MT	132,30 €	15
403-26.00-C	26.00	403	HSS/E machine reamer DIN 208, form C	Ø 26 H7, 45° helical, MT	140,25 €	15
403-27.00-C	27.00	403	HSS/E machine reamer DIN 208, form C	Ø 27 H7, 45° helical, MT	159,45 €	15
403-28.00-C	28.00	403	HSS/E machine reamer DIN 208, form C	Ø 28 H7, 45° helical, MT	156,75 €	15
403-29.00-C	29.00	403	HSS/E machine reamer DIN 208, form C	Ø 29 H7, 45° helical, MT	182,10 €	15
403-30.00-C	30.00	403	HSS/E machine reamer DIN 208, form C	Ø 30 H7, 45° helical, MT	164,15 €	15
403-31.00-C	31.00	403	HSS/E machine reamer DIN 208, form C	Ø 31 H7, 45° helical, MT	254,00 €	15
403-32.00-C	32.00	403	HSS/E machine reamer DIN 208, form C	Ø 32 H7, 45° helical, MT	220,30 €	15
404-08.00	8.00	404	HSS/E front reamer sim. DIN 208	Ø 8 H7, straight, MT	90,70 €	15
404-09.00	9.00	404	HSS/E front reamer sim. DIN 208	Ø 9 H7, straight, MT	110,80 €	15
404-10.00	10.00	404	HSS/E front reamer sim. DIN 208	Ø 10 H7, straight, MT	97,60 €	15
404-11.00	11.00	404	HSS/E front reamer sim. DIN 208	Ø 11 H7, straight, MT	99,85 €	15
404-12.00	12.00	404	HSS/E front reamer sim. DIN 208	Ø 12 H7, straight, MT	94,50 €	15
404-13.00	13.00	404	HSS/E front reamer sim. DIN 208	Ø 13 H7, straight, MT	105,65 €	15
404-14.00	14.00	404	HSS/E front reamer sim. DIN 208	Ø 14 H7, straight, MT	105,65 €	15
404-15.00	15.00	404	HSS/E front reamer sim. DIN 208	Ø 15 H7, straight, MT	123,10 €	15
404-16.00	16.00	404	HSS/E front reamer sim. DIN 208	Ø 16 H7, straight, MT	132,25 €	15
404-17.00	17.00	404	HSS/E front reamer sim. DIN 208	Ø 17 H7, straight, MT	150,40 €	15
404-18.00	18.00	404	HSS/E front reamer sim. DIN 208	Ø 18 H7, straight, MT	148,30 €	15
404-19.00	19.00	404	HSS/E front reamer sim. DIN 208	Ø 19 H7, straight, MT	160,70 €	15
404-20.00	20.00	404	HSS/E front reamer sim. DIN 208	Ø 20 H7, straight, MT	151,55 €	15
404-21.00	21.00	404	HSS/E front reamer sim. DIN 208	Ø 21 H7, straight, MT	199,15 €	15
404-22.00	22.00	404	HSS/E front reamer sim. DIN 208	Ø 22 H7, straight, MT	187,45 €	15
404-23.00	23.00	404	HSS/E front reamer sim. DIN 208	Ø 23 H7, straight, MT	234,15 €	15
404-24.00	24.00	404	HSS/E front reamer sim. DIN 208	Ø 24 H7, straight, MT	234,15 €	15
404-25.00	25.00	404	HSS/E front reamer sim. DIN 208	Ø 25 H7, straight, MT	224,40 €	15
404-26.00	26.00	404	HSS/E front reamer sim. DIN 208	Ø 26 H7, straight, MT	250,80 €	15
404-27.00	27.00	404	HSS/E front reamer sim. DIN 208	Ø 27 H7, straight, MT	312,20 €	15
404-28.00	28.00	404	HSS/E front reamer sim. DIN 208	Ø 28 H7, straight, MT	275,85 €	15
404-29.00	29.00	404	HSS/E front reamer sim. DIN 208	Ø 29 H7, straight, MT	327,10 €	15
404-30.00	30.00	404	HSS/E front reamer sim. DIN 208	Ø 30 H7, straight, MT	283,25 €	15
404-31.00	31.00	404	HSS/E front reamer sim. DIN 208	Ø 31 H7, straight, MT	550,85 €	15
404-32.00	32.00	404	HSS/E front reamer sim. DIN 208	Ø 32 H7, straight, MT	367,85 €	15
405-03.00-D	3.00	405	HSS/E+TiN machine reamer DIN 212	Ø 3 H7, spiral, cyl.	51,10 €	01
405-03.50-D	3.50	405	HSS/E+TiN machine reamer DIN 212	Ø 3,5 H7, spiral, cyl.	53,85 €	01
405-04.00-D	4.00	405	HSS/E+TiN machine reamer DIN 212	Ø 4 H7, spiral, cyl.	51,20 €	01
405-04.50-D	4.50	405	HSS/E+TiN machine reamer DIN 212	Ø 4,5 H7, spiral, cyl.	52,75 €	01
405-05.00-D	5.00	405	HSS/E+TiN machine reamer DIN 212	Ø 5 H7, spiral, cyl.	51,60 €	01
405-05.50-D	5.50	405	HSS/E+TiN machine reamer DIN 212	Ø 5,5 H7, spiral, cyl.	54,70 €	01
405-06.00-D	6.00	405	HSS/E+TiN machine reamer DIN 212	Ø 6 H7, spiral, cyl.	56,00 €	01
405-06.50-D	6.50	405	HSS/E+TiN machine reamer DIN 212	Ø 6,5 H7, spiral, cyl.	60,85 €	01
405-07.00-D	7.00	405	HSS/E+TiN machine reamer DIN 212	Ø 7 H7, spiral, cyl.	60,90 €	01
405-08.00-D	8.00	405	HSS/E+TiN machine reamer DIN 212	Ø 8 H7, spiral, cyl.	60,50 €	01
405-09.00-D	9.00	405	HSS/E+TiN machine reamer DIN 212	Ø 9 H7, spiral, cyl.	66,75 €	01
405-10.00-D	10.00	405	HSS/E+TiN machine reamer DIN 212	Ø 10 H7, spiral, cyl.	67,20 €	01
405-11.00-D	11.00	405	HSS/E+TiN machine reamer DIN 212	Ø 11 H7, spiral, cyl.	79,50 €	01
405-12.00-D	12.00	405	HSS/E+TiN machine reamer DIN 212	Ø 12 H7, spiral, cyl.	84,75 €	01
405-13.00-D	13.00	405	HSS/E+TiN machine reamer DIN 212	Ø 13 H7, spiral, cyl.	101,20 €	01
405-14.00-D	14.00	405	HSS/E+TiN machine reamer DIN 212	Ø 14 H7, spiral, cyl.	102,75 €	01
405-15.00-D	15.00	405	HSS/E+TiN machine reamer DIN 212	Ø 15 H7, spiral, cyl.	108,55 €	01
405-16.00-D	16.00	405	HSS/E+TiN machine reamer DIN 212	Ø 16 H7, spiral, cyl.	110,00 €	01
405-17.00-D	17.00	405	HSS/E+TiN machine reamer DIN 212	Ø 17 H7, spiral, cyl.	132,30 €	01
405-18.00-D	18.00	405	HSS/E+TiN machine reamer DIN 212	Ø 18 H7, spiral, cyl.	134,25 €	01
405-19.00-D	19.00	405	HSS/E+TiN machine reamer DIN 212	Ø 19 H7, spiral, cyl.	148,05 €	01
405-20.00-D	20.00	405	HSS/E+TiN machine reamer DIN 212	Ø 20 H7, spiral, cyl.	144,10 €	01
406-12.00-315	12.00	406	HSS/E long machine reamer sim. DIN 208B	Ø 12 H7, spiral, OAL=315	213,25 €	01
406-13.00-245	13.00	406	HSS/E long machine reamer sim. DIN 208B	Ø 13 H7, spiral, OAL=245	106,80 €	01
406-14.00-245	14.00	406	HSS/E long machine reamer sim. DIN 208B	Ø 14 H7, spiral, OAL=245	106,80 €	01
406-14.00-315	14.00	406	HSS/E long machine reamer sim. DIN 208B	Ø 14 H7, spiral, OAL=315	230,85 €	01
406-15.00-260	15.00	406	HSS/E long machine reamer sim. DIN 208B	Ø 15 H7, spiral, OAL=260	115,60 €	01
406-16.00-260	16.00	406	HSS/E long machine reamer sim. DIN 208B	Ø 16 H7, spiral, OAL=260	124,30 €	01
406-16.00-350	16.00	406	HSS/E long machine reamer sim. DIN 208B	Ø 16 H7, spiral, OAL=350	372,95 €	01
406-18.00-260	18.00	406	HSS/E long machine reamer sim. DIN 208B	Ø 18 H7, spiral, OAL=260	133,25 €	01
406-18.00-350	18.00	406	HSS/E long machine reamer sim. DIN 208B	Ø 18 H7, spiral, OAL=350	390,60 €	01
406-20.00-270	20.00	406	HSS/E long machine reamer sim. DIN 208B	Ø 20 H7, spiral, OAL=270	142,30 €	01
406-20.00-350	20.00	406	HSS/E long machine reamer sim. DIN 208B	Ø 20 H7, spiral, OAL=350	417,25 €	01
406-22.00-280	22.00	406	HSS/E long machine reamer sim. DIN 208B	Ø 22 H7, spiral, OAL=280	159,90 €	01
406-24.00-300	24.00	406	HSS/E long machine reamer sim. DIN 208B	Ø 24 H7, spiral, OAL=300	213,25 €	01
406-25.00-320	25.00	406	HSS/E long machine reamer sim. DIN 208B	Ø 25 H7, spiral, OAL=320	257,70 €	01
406-26.00-330	26.00	406	HSS/E long machine reamer sim. DIN 208B	Ø 26 H7, spiral, OAL=330	301,90 €	01
406-28.00-310	28.00	406	HSS/E long machine reamer sim. DIN 208B	Ø 28 H7, spiral, OAL=310	301,90 €	01
406-30.00-350	30.00	406	HSS/E long machine reamer sim. DIN 208B	Ø 30 H7, spiral, OAL=350	310,80 €	01
406-32.00-375	32.00	406	HSS/E long machine reamer sim. DIN 208B	Ø 32 H7, spiral, OAL=375	364,15 €	01





article code	Ø/size	cat.-no.	description 1	description 2	gross 2023	PG
407-07.70-C	7.70	407A/C	HSS/E machine reamer DIN 212 H7	Ø 7.7 H7, straight flutes	39,05 €	01
407-07.80-C	7.80	407A/C	HSS/E machine reamer DIN 212 H7	Ø 7.8 H7, straight flutes	39,05 €	01
407-07.90-C	7.90	407A/C	HSS/E machine reamer DIN 212 H7	Ø 7.9 H7, straight flutes	39,05 €	01
407-08.00-C	8.00	407A/C	HSS/E machine reamer DIN 212 H7	Ø 8 H7, straight flutes	31,95 €	01
407-08.10-C	8.10	407A/C	HSS/E machine reamer DIN 212 H7	Ø 8.1 H7, straight flutes	44,65 €	01
407-08.20-C	8.20	407A/C	HSS/E machine reamer DIN 212 H7	Ø 8.2 H7, straight flutes	44,65 €	01
407-08.30-C	8.30	407A/C	HSS/E machine reamer DIN 212 H7	Ø 8.3 H7, straight flutes	44,65 €	01
407-08.40-C	8.40	407A/C	HSS/E machine reamer DIN 212 H7	Ø 8.4 H7, straight flutes	44,65 €	01
407-08.50-C	8.50	407A/C	HSS/E machine reamer DIN 212 H7	Ø 8.5 H7, straight flutes	43,10 €	01
407-08.60-C	8.60	407A/C	HSS/E machine reamer DIN 212 H7	Ø 8.6 H7, straight flutes	44,65 €	01
407-08.70-C	8.70	407A/C	HSS/E machine reamer DIN 212 H7	Ø 8.7 H7, straight flutes	44,65 €	01
407-08.80-C	8.80	407A/C	HSS/E machine reamer DIN 212 H7	Ø 8.8 H7, straight flutes	44,65 €	01
407-08.90-C	8.90	407A/C	HSS/E machine reamer DIN 212 H7	Ø 8.9 H7, straight flutes	44,65 €	01
407-09.00-C	9.00	407A/C	HSS/E machine reamer DIN 212 H7	Ø 9 H7, straight flutes	38,95 €	01
407-09.10-C	9.10	407A/C	HSS/E machine reamer DIN 212 H7	Ø 9.1 H7, straight flutes	44,65 €	01
407-09.20-C	9.20	407A/C	HSS/E machine reamer DIN 212 H7	Ø 9.2 H7, straight flutes	44,65 €	01
407-09.30-C	9.30	407A/C	HSS/E machine reamer DIN 212 H7	Ø 9.3 H7, straight flutes	44,65 €	01
407-09.40-C	9.40	407A/C	HSS/E machine reamer DIN 212 H7	Ø 9.4 H7, straight flutes	44,65 €	01
407-09.50-C	9.50	407A/C	HSS/E machine reamer DIN 212 H7	Ø 9.5 H7, straight flutes	44,65 €	01
407-09.60-C	9.60	407A/C	HSS/E machine reamer DIN 212 H7	Ø 9.6 H7, straight flutes	44,65 €	01
407-09.70-C	9.70	407A/C	HSS/E machine reamer DIN 212 H7	Ø 9.7 H7, straight flutes	44,65 €	01
407-09.80-C	9.80	407A/C	HSS/E machine reamer DIN 212 H7	Ø 9.8 H7, straight flutes	44,65 €	01
407-09.90-C	9.90	407A/C	HSS/E machine reamer DIN 212 H7	Ø 9.9 H7, straight flutes	44,65 €	01
407-10.00-C	10.00	407A/C	HSS/E machine reamer DIN 212 H7	Ø 10 H7, straight flutes	38,30 €	01
407-10.10-C	10.10	407A/C	HSS/E machine reamer DIN 212 H7	Ø 10.1 H7, straight flutes	63,45 €	01
407-10.20-C	10.20	407A/C	HSS/E machine reamer DIN 212 H7	Ø 10.2 H7, straight flutes	63,45 €	01
407-10.30-C	10.30	407A/C	HSS/E machine reamer DIN 212 H7	Ø 10.3 H7, straight flutes	63,45 €	01
407-10.40-C	10.40	407A/C	HSS/E machine reamer DIN 212 H7	Ø 10.4 H7, straight flutes	63,45 €	01
407-10.50-C	10.50	407A/C	HSS/E machine reamer DIN 212 H7	Ø 10.5 H7, straight flutes	51,70 €	01
407-10.60-C	10.60	407A/C	HSS/E machine reamer DIN 212 H7	Ø 10.6 H7, straight flutes	63,45 €	01
407-10.70-C	10.70	407A/C	HSS/E machine reamer DIN 212 H7	Ø 10.7 H7, straight flutes	63,45 €	01
407-10.80-C	10.80	407A/C	HSS/E machine reamer DIN 212 H7	Ø 10.8 H7, straight flutes	63,45 €	01
407-10.90-C	10.90	407A/C	HSS/E machine reamer DIN 212 H7	Ø 10.9 H7, straight flutes	63,45 €	01
407-11.00-C	11.00	407A/C	HSS/E machine reamer DIN 212 H7	Ø 11 H7, straight flutes	52,85 €	01
407-11.10-C	11.10	407A/C	HSS/E machine reamer DIN 212 H7	Ø 11.1 H7, straight flutes	66,50 €	01
407-11.20-C	11.20	407A/C	HSS/E machine reamer DIN 212 H7	Ø 11.2 H7, straight flutes	66,50 €	01
407-11.30-C	11.30	407A/C	HSS/E machine reamer DIN 212 H7	Ø 11.3 H7, straight flutes	66,50 €	01
407-11.40-C	11.40	407A/C	HSS/E machine reamer DIN 212 H7	Ø 11.4 H7, straight flutes	66,50 €	01
407-11.50-C	11.50	407A/C	HSS/E machine reamer DIN 212 H7	Ø 11.5 H7, straight flutes	66,50 €	01
407-11.60-C	11.60	407A/C	HSS/E machine reamer DIN 212 H7	Ø 11.6 H7, straight flutes	66,50 €	01
407-11.70-C	11.70	407A/C	HSS/E machine reamer DIN 212 H7	Ø 11.7 H7, straight flutes	66,50 €	01
407-11.80-C	11.80	407A/C	HSS/E machine reamer DIN 212 H7	Ø 11.8 H7, straight flutes	66,50 €	01
407-11.90-C	11.90	407A/C	HSS/E machine reamer DIN 212 H7	Ø 11.9 H7, straight flutes	66,50 €	01
407-12.00-C	12.00	407A/C	HSS/E machine reamer DIN 212 H7	Ø 12 H7, straight flutes	55,85 €	01
407-13.00-C	13.00	407A/C	HSS/E machine reamer DIN 212 H7	Ø 13 H7, straight flutes	62,25 €	01
407-14.00-C	14.00	407A/C	HSS/E machine reamer DIN 212 H7	Ø 14 H7, straight flutes	62,50 €	01
407-15.00-C	15.00	407A/C	HSS/E machine reamer DIN 212 H7	Ø 15 H7, straight flutes	66,60 €	01
407-16.00-C	16.00	407A/C	HSS/E machine reamer DIN 212 H7	Ø 16 H7, straight flutes	72,60 €	01
407-17.00-C	17.00	407A/C	HSS/E machine reamer DIN 212 H7	Ø 17 H7, straight flutes	86,45 €	01
407-18.00-C	18.00	407A/C	HSS/E machine reamer DIN 212 H7	Ø 18 H7, straight flutes	86,70 €	01
407-19.00-C	19.00	407A/C	HSS/E machine reamer DIN 212 H7	Ø 19 H7, straight flutes	101,60 €	01
407-20.00-C	20.00	407A/C	HSS/E machine reamer DIN 212 H7	Ø 20 H7, straight flutes	93,60 €	01
407A-1	Set	407A/C	Set HSS/E machine reamer DIN 212 (19)	Ø 1.0 - 10.0 H7, straight	620,80 €	01
407A-2	Set	407A/C	Set HSS/E machine reamer DIN 212 (50)	Ø 1.0 - 5.9 H7, straight	1.582,10 €	01
407A-3	Set	407A/C	Set HSS/E machine reamer DIN 212 (41)	Ø 6.0 - 10.0 H7, straight	1.692,15 €	01
407A-4	Set	407A/C	Set HSS/E machine reamer DIN 212 (51)	Ø 1.0 - 6.0 H7, straight	1.608,60 €	01
407A-5	Set	407A/C	Set HSS/E machine reamer DIN 212 (7)	Ø 3.0 - 12.0 H7, straight	259,15 €	01
407-01.00-B	1.00	407B/D	HSS/E machine reamer DIN 212 H7	Ø 1 H7, spiral flutes	31,30 €	01
407-01.10-B	1.10	407B/D	HSS/E machine reamer DIN 212 H7	Ø 1.1 H7, spiral flutes	32,30 €	01
407-01.20-B	1.20	407B/D	HSS/E machine reamer DIN 212 H7	Ø 1.2 H7, spiral flutes	30,45 €	01
407-01.30-B	1.30	407B/D	HSS/E machine reamer DIN 212 H7	Ø 1.3 H7, spiral flutes	29,20 €	01
407-01.40-B	1.40	407B/D	HSS/E machine reamer DIN 212 H7	Ø 1.4 H7, spiral flutes	29,20 €	01
407-01.50-B	1.50	407B/D	HSS/E machine reamer DIN 212 H7	Ø 1.5 H7, spiral flutes	24,85 €	01
407-01.60-B	1.60	407B/D	HSS/E machine reamer DIN 212 H7	Ø 1.6 H7, spiral flutes	28,50 €	01
407-01.70-B	1.70	407B/D	HSS/E machine reamer DIN 212 H7	Ø 1.7 H7, spiral flutes	29,20 €	01
407-01.80-B	1.80	407B/D	HSS/E machine reamer DIN 212 H7	Ø 1.8 H7, spiral flutes	28,10 €	01
407-01.90-B	1.90	407B/D	HSS/E machine reamer DIN 212 H7	Ø 1.9 H7, spiral flutes	25,40 €	01
407-02.00-B	2.00	407B/D	HSS/E machine reamer DIN 212 H7	Ø 2 H7, spiral flutes	23,15 €	01
407-02.10-B	2.10	407B/D	HSS/E machine reamer DIN 212 H7	Ø 2.1 H7, spiral flutes	30,70 €	01
407-02.20-B	2.20	407B/D	HSS/E machine reamer DIN 212 H7	Ø 2.2 H7, spiral flutes	28,50 €	01
407-02.30-B	2.30	407B/D	HSS/E machine reamer DIN 212 H7	Ø 2.3 H7, spiral flutes	25,40 €	01
407-02.40-B	2.40	407B/D	HSS/E machine reamer DIN 212 H7	Ø 2.4 H7, spiral flutes	25,40 €	01
407-02.50-B	2.50	407B/D	HSS/E machine reamer DIN 212 H7	Ø 2.5 H7, spiral flutes	23,20 €	01
407-02.60-B	2.60	407B/D	HSS/E machine reamer DIN 212 H7	Ø 2.6 H7, spiral flutes	32,30 €	01





article code	Ø/size	cat.-no.	description 1	description 2	gross 2023	PG
407-10.10-D	10.10	407B/D	HSS/E machine reamer DIN 212 H7	Ø 10.1 H7, spiral flutes	49,00 €	01
407-10.20-D	10.20	407B/D	HSS/E machine reamer DIN 212 H7	Ø 10.2 H7, spiral flutes	49,00 €	01
407-10.30-D	10.30	407B/D	HSS/E machine reamer DIN 212 H7	Ø 10.3 H7, spiral flutes	49,00 €	01
407-10.40-D	10.40	407B/D	HSS/E machine reamer DIN 212 H7	Ø 10.4 H7, spiral flutes	49,00 €	01
407-10.50-D	10.50	407B/D	HSS/E machine reamer DIN 212 H7	Ø 10.5 H7, spiral flutes	43,95 €	01
407-10.60-D	10.60	407B/D	HSS/E machine reamer DIN 212 H7	Ø 10.6 H7, spiral flutes	49,00 €	01
407-10.70-D	10.70	407B/D	HSS/E machine reamer DIN 212 H7	Ø 10.7 H7, spiral flutes	49,00 €	01
407-10.80-D	10.80	407B/D	HSS/E machine reamer DIN 212 H7	Ø 10.8 H7, spiral flutes	49,00 €	01
407-10.90-D	10.90	407B/D	HSS/E machine reamer DIN 212 H7	Ø 10.9 H7, spiral flutes	49,00 €	01
407-11.00-D	11.00	407B/D	HSS/E machine reamer DIN 212 H7	Ø 11 H7, spiral flutes	43,95 €	01
407-11.10-D	11.10	407B/D	HSS/E machine reamer DIN 212 H7	Ø 11.1 H7, spiral flutes	51,55 €	01
407-11.20-D	11.20	407B/D	HSS/E machine reamer DIN 212 H7	Ø 11.2 H7, spiral flutes	51,55 €	01
407-11.30-D	11.30	407B/D	HSS/E machine reamer DIN 212 H7	Ø 11.3 H7, spiral flutes	51,55 €	01
407-11.40-D	11.40	407B/D	HSS/E machine reamer DIN 212 H7	Ø 11.4 H7, spiral flutes	51,55 €	01
407-11.50-D	11.50	407B/D	HSS/E machine reamer DIN 212 H7	Ø 11.5 H7, spiral flutes	51,55 €	01
407-11.60-D	11.60	407B/D	HSS/E machine reamer DIN 212 H7	Ø 11.6 H7, spiral flutes	51,55 €	01
407-11.70-D	11.70	407B/D	HSS/E machine reamer DIN 212 H7	Ø 11.7 H7, spiral flutes	51,55 €	01
407-11.80-D	11.80	407B/D	HSS/E machine reamer DIN 212 H7	Ø 11.8 H7, spiral flutes	51,55 €	01
407-11.90-D	11.90	407B/D	HSS/E machine reamer DIN 212 H7	Ø 11.9 H7, spiral flutes	51,55 €	01
407-12.00-D	12.00	407B/D	HSS/E machine reamer DIN 212 H7	Ø 12 H7, spiral flutes	49,15 €	01
407-13.00-D	13.00	407B/D	HSS/E machine reamer DIN 212 H7	Ø 13 H7, spiral flutes	58,35 €	01
407-14.00-D	14.00	407B/D	HSS/E machine reamer DIN 212 H7	Ø 14 H7, spiral flutes	59,90 €	01
407-15.00-D	15.00	407B/D	HSS/E machine reamer DIN 212 H7	Ø 15 H7, spiral flutes	65,70 €	01
407-16.00-D	16.00	407B/D	HSS/E machine reamer DIN 212 H7	Ø 16 H7, spiral flutes	67,15 €	01
407-17.00-D	17.00	407B/D	HSS/E machine reamer DIN 212 H7	Ø 17 H7, spiral flutes	79,80 €	01
407-18.00-D	18.00	407B/D	HSS/E machine reamer DIN 212 H7	Ø 18 H7, spiral flutes	81,75 €	01
407-19.00-D	19.00	407B/D	HSS/E machine reamer DIN 212 H7	Ø 19 H7, spiral flutes	95,55 €	01
407-20.00-D	20.00	407B/D	HSS/E machine reamer DIN 212 H7	Ø 20 H7, spiral flutes	91,60 €	01
407B-1	Set	407B/D	Set HSS/E machine reamer DIN 212 (19)	Ø 1.0 - 10.0 H7, spiral	538,05 €	01
407B-2	Set	407B/D	Set HSS/E machine reamer DIN 212 (50)	Ø 1.0 - 5.9 H7, spiral	1.374,05 €	01
407B-3	Set	407B/D	Set HSS/E machine reamer DIN 212 (41)	Ø 6.0 - 10.0 H7, spiral	1.368,60 €	01
407B-4	Set	407B/D	Set HSS/E machine reamer DIN 212 (51)	Ø 1.0 - 6.0 H7, spiral	1.396,95 €	01
407B-5	Set	407B/D	Set HSS/E machine reamer DIN 212 (7)	Ø 3.0 - 12.0 H7, spiral	233,15 €	01
408-02.00-065	2.00	408	HSS/E long machine reamer sim. DIN 212	Ø 2 H7, spiral, OAL=65	83,65 €	01
408-02.50-075	2.50	408	HSS/E long machine reamer sim. DIN 212	Ø 2,5 H7, spiral, OAL=75	83,65 €	01
408-03.00-090	3.00	408	HSS/E long machine reamer sim. DIN 212	Ø 3 H7, spiral, OAL=90	64,05 €	01
408-03.50-090	3.50	408	HSS/E long machine reamer sim. DIN 212	Ø 3,5 H7, spiral, OAL=90	94,20 €	01
408-04.00-105	4.00	408	HSS/E long machine reamer sim. DIN 212	Ø 4 H7, spiral, OAL=105	64,05 €	01
408-04.50-105	4.50	408	HSS/E long machine reamer sim. DIN 212	Ø 4,5 H7, spiral, OAL=105	97,90 €	01
408-05.00-115	5.00	408	HSS/E long machine reamer sim. DIN 212	Ø 5 H7, spiral, OAL=115	67,65 €	01
408-05.50-115	5.50	408	HSS/E long machine reamer sim. DIN 212	Ø 5,5 H7, spiral, OAL=115	103,10 €	01
408-06.00-130	6.00	408	HSS/E long machine reamer sim. DIN 212	Ø 6 H7, spiral, OAL=130	69,50 €	01
408-06.00-250	6.00	408	HSS/E long machine reamer sim. DIN 212	Ø 6 H7, spiral, OAL=250	163,55 €	01
408-06.50-130	6.50	408	HSS/E long machine reamer sim. DIN 212	Ø 6,5 H7, spiral, OAL=130	106,80 €	01
408-07.00-140	7.00	408	HSS/E long machine reamer sim. DIN 212	Ø 7 H7, spiral, OAL=140	74,70 €	01
408-07.50-140	7.50	408	HSS/E long machine reamer sim. DIN 212	Ø 7,5 H7, spiral, OAL=140	108,35 €	01
408-08.00-160	8.00	408	HSS/E long machine reamer sim. DIN 212	Ø 8 H7, spiral, OAL=160	72,95 €	01
408-08.00-250	8.00	408	HSS/E long machine reamer sim. DIN 212	Ø 8 H7, spiral, OAL=250	167,00 €	01
408-08.50-160	8.50	408	HSS/E long machine reamer sim. DIN 212	Ø 8,5 H7, spiral, OAL=160	111,85 €	01
408-09.00-175	9.00	408	HSS/E long machine reamer sim. DIN 212	Ø 9 H7, spiral, OAL=175	83,65 €	01
408-09.50-175	9.50	408	HSS/E long machine reamer sim. DIN 212	Ø 9,5 H7, spiral, OAL=175	115,60 €	01
408-10.00-190	10.00	408	HSS/E long machine reamer sim. DIN 212	Ø 10 H7, spiral, OAL=190	83,65 €	01
408-10.00-250	10.00	408	HSS/E long machine reamer sim. DIN 212	Ø 10 H7, spiral, OAL=250	168,75 €	01
408-11.00-200	11.00	408	HSS/E long machine reamer sim. DIN 212	Ø 11 H7, spiral, OAL=200	94,20 €	01
408-12.00-210	12.00	408	HSS/E long machine reamer sim. DIN 212	Ø 12 H7, spiral, OAL=210	94,20 €	01
409-02.00-E	2.00	409	HSS/E machine reamer DIN 212 H7	Ø 2 H7, 45° helical flutes	25,55 €	01
409-02.50-E	2.50	409	HSS/E machine reamer DIN 212 H7	Ø 2.5 H7, 45° helical flutes	27,45 €	01
409-03.00-E	3.00	409	HSS/E machine reamer DIN 212 H7	Ø 3 H7, 45° helical flutes	30,45 €	01
409-03.20-E	3.20	409	HSS/E machine reamer DIN 212 H7	Ø 3.2 H7, 45° helical flutes	36,15 €	01
409-03.50-E	3.50	409	HSS/E machine reamer DIN 212 H7	Ø 3.5 H7, 45° helical flutes	36,15 €	01
409-04.00-E	4.00	409	HSS/E machine reamer DIN 212 H7	Ø 4 H7, 45° helical flutes	29,75 €	01
409-04.50-E	4.50	409	HSS/E machine reamer DIN 212 H7	Ø 4.5 H7, 45° helical flutes	35,05 €	01
409-05.00-E	5.00	409	HSS/E machine reamer DIN 212 H7	Ø 5 H7, 45° helical flutes	32,80 €	01
409-06.00-E	6.00	409	HSS/E machine reamer DIN 212 H7	Ø 6 H7, 45° helical flutes	31,00 €	01
409-07.00-E	7.00	409	HSS/E machine reamer DIN 212 H7	Ø 7 H7, 45° helical flutes	37,35 €	01
409-08.00-E	8.00	409	HSS/E machine reamer DIN 212 H7	Ø 8 H7, 45° helical flutes	32,45 €	01
409-09.00-E	9.00	409	HSS/E machine reamer DIN 212 H7	Ø 9 H7, 45° helical flutes	49,50 €	01
409-10.00-E	10.00	409	HSS/E machine reamer DIN 212 H7	Ø 10 H7, 45° helical flutes	43,50 €	01
409-11.00-E	11.00	409	HSS/E machine reamer DIN 212 H7	Ø 11 H7, 45° helical flutes	56,20 €	01
409-12.00-E	12.00	409	HSS/E machine reamer DIN 212 H7	Ø 12 H7, 45° helical flutes	53,60 €	01
409-13.00-E	13.00	409	HSS/E machine reamer DIN 212 H7	Ø 13 H7, 45° helical flutes	76,65 €	01
409-14.00-E	14.00	409	HSS/E machine reamer DIN 212 H7	Ø 14 H7, 45° helical flutes	72,30 €	01
409-15.00-E	15.00	409	HSS/E machine reamer DIN 212 H7	Ø 15 H7, 45° helical flutes	73,65 €	01
409-16.00-E	16.00	409	HSS/E machine reamer DIN 212 H7	Ø 16 H7, 45° helical flutes	76,10 €	01



article code	Ø/size	cat.-no.	description 1	description 2	gross 2023	PG
409-17.00-E	17.00	409	HSS/E machine reamer DIN 212 H7	Ø 17 H7, 45° helical flutes	112,85 €	01
409-18.00-E	18.00	409	HSS/E machine reamer DIN 212 H7	Ø 18 H7, 45° helical flutes	103,95 €	01
409-19.00-E	19.00	409	HSS/E machine reamer DIN 212 H7	Ø 19 H7, 45° helical flutes	120,45 €	01
409-20.00-E	20.00	409	HSS/E machine reamer DIN 212 H7	Ø 20 H7, 45° helical flutes	114,05 €	01
410-03.00	3.00	410	HSS/E front reamer sim. DIN 212	Ø 3 H7, straight, cyl.	42,40 €	01
410-03.50	3.50	410	HSS/E front reamer sim. DIN 212	Ø 3.5 H7, straight, cyl.	44,05 €	01
410-04.00	4.00	410	HSS/E front reamer sim. DIN 212	Ø 4 H7, straight, cyl.	42,40 €	01
410-04.50	4.50	410	HSS/E front reamer sim. DIN 212	Ø 4.5 H7, straight, cyl.	47,90 €	01
410-05.00	5.00	410	HSS/E front reamer sim. DIN 212	Ø 5 H7, straight, cyl.	44,90 €	01
410-06.00	6.00	410	HSS/E front reamer sim. DIN 212	Ø 6 H7, straight, cyl.	46,10 €	01
410-07.00	7.00	410	HSS/E front reamer sim. DIN 212	Ø 7 H7, straight, cyl.	59,80 €	01
410-08.00	8.00	410	HSS/E front reamer sim. DIN 212	Ø 8 H7, straight, cyl.	58,45 €	01
410-09.00	9.00	410	HSS/E front reamer sim. DIN 212	Ø 9 H7, straight, cyl.	84,00 €	01
410-10.00	10.00	410	HSS/E front reamer sim. DIN 212	Ø 10 H7, straight, cyl.	78,95 €	01
410-11.00	11.00	410	HSS/E front reamer sim. DIN 212	Ø 11 H7, straight, cyl.	100,90 €	01
410-12.00	12.00	410	HSS/E front reamer sim. DIN 212	Ø 12 H7, straight, cyl.	95,65 €	01
411-01.50-A	1.50	411A	HSS/E short stub reamer DIN 8089, cyl., form A	Ø 1.5 H7, straight flutes	25,30 €	17
411-02.00-A	2.00	411A	HSS/E short stub reamer DIN 8089, cyl., form A	Ø 2 H7, straight flutes	23,35 €	17
411-02.50-A	2.50	411A	HSS/E short stub reamer DIN 8089, cyl., form A	Ø 2.5 H7, straight flutes	23,35 €	17
411-03.00-A	3.00	411A	HSS/E short stub reamer DIN 8089, cyl., form A	Ø 3 H7, straight flutes	23,35 €	17
411-03.50-A	3.50	411A	HSS/E short stub reamer DIN 8089, cyl., form A	Ø 3.5 H7, straight flutes	24,35 €	17
411-04.00-A	4.00	411A	HSS/E short stub reamer DIN 8089, cyl., form A	Ø 4 H7, straight flutes	22,85 €	17
411-04.50-A	4.50	411A	HSS/E short stub reamer DIN 8089, cyl., form A	Ø 4.5 H7, straight flutes	25,55 €	17
411-05.00-A	5.00	411A	HSS/E short stub reamer DIN 8089, cyl., form A	Ø 5 H7, straight flutes	24,35 €	17
411-05.50-A	5.50	411A	HSS/E short stub reamer DIN 8089, cyl., form A	Ø 5.5 H7, straight flutes	29,00 €	17
411-06.00-A	6.00	411A	HSS/E short stub reamer DIN 8089, cyl., form A	Ø 6 H7, straight flutes	24,35 €	17
411-06.50-A	6.50	411A	HSS/E short stub reamer DIN 8089, cyl., form A	Ø 6.5 H7, straight flutes	29,90 €	17
411-07.00-A	7.00	411A	HSS/E short stub reamer DIN 8089, cyl., form A	Ø 7 H7, straight flutes	29,90 €	17
411-07.50-A	7.50	411A	HSS/E short stub reamer DIN 8089, cyl., form A	Ø 7.5 H7, straight flutes	35,15 €	17
411-08.00-A	8.00	411A	HSS/E short stub reamer DIN 8089, cyl., form A	Ø 8 H7, straight flutes	29,90 €	17
411-08.50-A	8.50	411A	HSS/E short stub reamer DIN 8089, cyl., form A	Ø 8.5 H7, straight flutes	37,90 €	17
411-09.00-A	9.00	411A	HSS/E short stub reamer DIN 8089, cyl., form A	Ø 9 H7, straight flutes	35,90 €	17
411-09.50-A	9.50	411A	HSS/E short stub reamer DIN 8089, cyl., form A	Ø 9.5 H7, straight flutes	39,95 €	17
411-10.00-A	10.00	411A	HSS/E short stub reamer DIN 8089, cyl., form A	Ø 10 H7, straight flutes	36,15 €	17
411-11.00-A	11.00	411A	HSS/E short stub reamer DIN 8089, cyl., form A	Ø 11 H7, straight flutes	50,25 €	17
411-12.00-A	12.00	411A	HSS/E short stub reamer DIN 8089, cyl., form A	Ø 12 H7, straight flutes	52,60 €	17
411-13.00-A	13.00	411A	HSS/E short stub reamer DIN 8089, cyl., form A	Ø 13 H7, straight flutes	59,55 €	17
411-14.00-A	14.00	411A	HSS/E short stub reamer DIN 8089, cyl., form A	Ø 14 H7, straight flutes	60,35 €	17
411-15.00-A	15.00	411A	HSS/E short stub reamer DIN 8089, cyl., form A	Ø 15 H7, straight flutes	61,30 €	17
411-16.00-A	16.00	411A	HSS/E short stub reamer DIN 8089, cyl., form A	Ø 16 H7, straight flutes	64,50 €	17
411-17.00-A	17.00	411A	HSS/E short stub reamer DIN 8089, cyl., form A	Ø 17 H7, straight flutes	69,95 €	17
411-18.00-A	18.00	411A	HSS/E short stub reamer DIN 8089, cyl., form A	Ø 18 H7, straight flutes	79,60 €	17
411-19.00-A	19.00	411A	HSS/E short stub reamer DIN 8089, cyl., form A	Ø 19 H7, straight flutes	90,00 €	17
411-20.00-A	20.00	411A	HSS/E short stub reamer DIN 8089, cyl., form A	Ø 20 H7, straight flutes	86,40 €	17
411-01.50-B	1.50	411B	HSS/E short stub reamer DIN 8089, cyl., form B	Ø 1.5 H7, lefthand spiral	25,30 €	17
411-02.00-B	2.00	411B	HSS/E short stub reamer DIN 8089, cyl., form B	Ø 2 H7, lefthand spiral	23,35 €	17
411-02.50-B	2.50	411B	HSS/E short stub reamer DIN 8089, cyl., form B	Ø 2.5 H7, lefthand spiral	23,35 €	17
411-03.00-B	3.00	411B	HSS/E short stub reamer DIN 8089, cyl., form B	Ø 3 H7, lefthand spiral	23,35 €	17
411-03.50-B	3.50	411B	HSS/E short stub reamer DIN 8089, cyl., form B	Ø 3.5 H7, lefthand spiral	24,35 €	17
411-04.00-B	4.00	411B	HSS/E short stub reamer DIN 8089, cyl., form B	Ø 4 H7, lefthand spiral	22,85 €	17
411-04.50-B	4.50	411B	HSS/E short stub reamer DIN 8089, cyl., form B	Ø 4.5 H7, lefthand spiral	25,55 €	17
411-05.00-B	5.00	411B	HSS/E short stub reamer DIN 8089, cyl., form B	Ø 5 H7, lefthand spiral	24,35 €	17
411-05.50-B	5.50	411B	HSS/E short stub reamer DIN 8089, cyl., form B	Ø 5.5 H7, lefthand spiral	29,00 €	17
411-06.00-B	6.00	411B	HSS/E short stub reamer DIN 8089, cyl., form B	Ø 6 H7, lefthand spiral	24,35 €	17
411-06.50-B	6.50	411B	HSS/E short stub reamer DIN 8089, cyl., form B	Ø 6.5 H7, lefthand spiral	29,90 €	17
411-07.00-B	7.00	411B	HSS/E short stub reamer DIN 8089, cyl., form B	Ø 7 H7, lefthand spiral	29,90 €	17
411-07.50-B	7.50	411B	HSS/E short stub reamer DIN 8089, cyl., form B	Ø 7.5 H7, lefthand spiral	35,15 €	17
411-08.00-B	8.00	411B	HSS/E short stub reamer DIN 8089, cyl., form B	Ø 8 H7, lefthand spiral	29,90 €	17
411-08.50-B	8.50	411B	HSS/E short stub reamer DIN 8089, cyl., form B	Ø 8.5 H7, lefthand spiral	37,90 €	17
411-09.00-B	9.00	411B	HSS/E short stub reamer DIN 8089, cyl., form B	Ø 9 H7, lefthand spiral	35,90 €	17
411-09.50-B	9.50	411B	HSS/E short stub reamer DIN 8089, cyl., form B	Ø 9.5 H7, lefthand spiral	39,95 €	17
411-10.00-B	10.00	411B	HSS/E short stub reamer DIN 8089, cyl., form B	Ø 10 H7, lefthand spiral	36,15 €	17
411-11.00-B	11.00	411B	HSS/E short stub reamer DIN 8089, cyl., form B	Ø 11 H7, lefthand spiral	50,25 €	17
411-12.00-B	12.00	411B	HSS/E short stub reamer DIN 8089, cyl., form B	Ø 12 H7, lefthand spiral	52,60 €	17
411-13.00-B	13.00	411B	HSS/E short stub reamer DIN 8089, cyl., form B	Ø 13 H7, lefthand spiral	59,55 €	17
411-14.00-B	14.00	411B	HSS/E short stub reamer DIN 8089, cyl., form B	Ø 14 H7, lefthand spiral	60,35 €	17
411-15.00-B	15.00	411B	HSS/E short stub reamer DIN 8089, cyl., form B	Ø 15 H7, lefthand spiral	61,30 €	17
411-16.00-B	16.00	411B	HSS/E short stub reamer DIN 8089, cyl., form B	Ø 16 H7, lefthand spiral	64,50 €	17
411-17.00-B	17.00	411B	HSS/E short stub reamer DIN 8089, cyl., form B	Ø 17 H7, lefthand spiral	69,95 €	17
411-18.00-B	18.00	411B	HSS/E short stub reamer DIN 8089, cyl., form B	Ø 18 H7, lefthand spiral	79,60 €	17
411-19.00-B	19.00	411B	HSS/E short stub reamer DIN 8089, cyl., form B	Ø 19 H7, lefthand spiral	90,00 €	17
411-20.00-B	20.00	411B	HSS/E short stub reamer DIN 8089, cyl., form B	Ø 20 H7, lefthand spiral	86,40 €	17
412-25.00-A	25.00	412A	HSS/E shell reamer DIN 219, form A	Ø 25 H7, straight flutes	150,45 €	01
412-26.00-A	26.00	412A	HSS/E shell reamer DIN 219, form A	Ø 26 H7, straight flutes	156,60 €	01



article code	Ø/size	cat.-no.	description 1	description 2	gross 2023	PG
412-27.00-A	27.00	412A	HSS/E shell reamer DIN 219, form A	Ø 27 H7, straight flutes	190,15 €	01
412-28.00-A	28.00	412A	HSS/E shell reamer DIN 219, form A	Ø 28 H7, straight flutes	162,85 €	01
412-29.00-A	29.00	412A	HSS/E shell reamer DIN 219, form A	Ø 29 H7, straight flutes	200,15 €	01
412-30.00-A	30.00	412A	HSS/E shell reamer DIN 219, form A	Ø 30 H7, straight flutes	159,15 €	01
412-31.00-A	31.00	412A	HSS/E shell reamer DIN 219, form A	Ø 31 H7, straight flutes	205,10 €	01
412-32.00-A	32.00	412A	HSS/E shell reamer DIN 219, form A	Ø 32 H7, straight flutes	177,70 €	01
412-33.00-A	33.00	412A	HSS/E shell reamer DIN 219, form A	Ø 33 H7, straight flutes	193,90 €	01
412-34.00-A	34.00	412A	HSS/E shell reamer DIN 219, form A	Ø 34 H7, straight flutes	193,90 €	01
412-35.00-A	35.00	412A	HSS/E shell reamer DIN 219, form A	Ø 35 H7, straight flutes	193,90 €	01
412-36.00-A	36.00	412A	HSS/E shell reamer DIN 219, form A	Ø 36 H7, straight flutes	203,85 €	01
412-37.00-A	37.00	412A	HSS/E shell reamer DIN 219, form A	Ø 37 H7, straight flutes	238,65 €	01
412-38.00-A	38.00	412A	HSS/E shell reamer DIN 219, form A	Ø 38 H7, straight flutes	238,65 €	01
412-39.00-A	39.00	412A	HSS/E shell reamer DIN 219, form A	Ø 39 H7, straight flutes	265,95 €	01
412-40.00-A	40.00	412A	HSS/E shell reamer DIN 219, form A	Ø 40 H7, straight flutes	195,25 €	01
412-41.00-A	41.00	412A	HSS/E shell reamer DIN 219, form A	Ø 41 H7, straight flutes	244,90 €	01
412-42.00-A	42.00	412A	HSS/E shell reamer DIN 219, form A	Ø 42 H7, straight flutes	202,55 €	01
412-43.00-A	43.00	412A	HSS/E shell reamer DIN 219, form A	Ø 43 H7, straight flutes	331,85 €	01
412-44.00-A	44.00	412A	HSS/E shell reamer DIN 219, form A	Ø 44 H7, straight flutes	274,65 €	01
412-45.00-A	45.00	412A	HSS/E shell reamer DIN 219, form A	Ø 45 H7, straight flutes	274,65 €	01
412-46.00-A	46.00	412A	HSS/E shell reamer DIN 219, form A	Ø 46 H7, straight flutes	274,65 €	01
412-47.00-A	47.00	412A	HSS/E shell reamer DIN 219, form A	Ø 47 H7, straight flutes	274,65 €	01
412-48.00-A	48.00	412A	HSS/E shell reamer DIN 219, form A	Ø 48 H7, straight flutes	263,40 €	01
412-49.00-A	49.00	412A	HSS/E shell reamer DIN 219, form A	Ø 49 H7, straight flutes	316,85 €	01
412-50.00-A	50.00	412A	HSS/E shell reamer DIN 219, form A	Ø 50 H7, straight flutes	263,40 €	01
412-52.00-A	52.00	412A	HSS/E shell reamer DIN 219, form A	Ø 52 H7, straight flutes	355,30 €	01
412-55.00-A	55.00	412A	HSS/E shell reamer DIN 219, form A	Ø 55 H7, straight flutes	342,85 €	01
412-56.00-A	56.00	412A	HSS/E shell reamer DIN 219, form A	Ø 56 H7, straight flutes	484,40 €	01
412-58.00-A	58.00	412A	HSS/E shell reamer DIN 219, form A	Ø 58 H7, straight flutes	361,55 €	01
412-60.00-A	60.00	412A	HSS/E shell reamer DIN 219, form A	Ø 60 H7, straight flutes	361,55 €	01
412-62.00-A	62.00	412A	HSS/E shell reamer DIN 219, form A	Ø 62 H7, straight flutes	487,00 €	01
412-65.00-A	65.00	412A	HSS/E shell reamer DIN 219, form A	Ø 65 H7, straight flutes	496,85 €	01
412-68.00-A	68.00	412A	HSS/E shell reamer DIN 219, form A	Ø 68 H7, straight flutes	580,15 €	01
412-70.00-A	70.00	412A	HSS/E shell reamer DIN 219, form A	Ø 70 H7, straight flutes	552,80 €	01
412-72.00-A	72.00	412A	HSS/E shell reamer DIN 219, form A	Ø 72 H7, straight flutes	739,10 €	01
412-75.00-A	75.00	412A	HSS/E shell reamer DIN 219, form A	Ø 75 H7, straight flutes	739,10 €	01
412-78.00-A	78.00	412A	HSS/E shell reamer DIN 219, form A	Ø 78 H7, straight flutes	843,35 €	01
412-80.00-A	80.00	412A	HSS/E shell reamer DIN 219, form A	Ø 80 H7, straight flutes	843,35 €	01
412-82.00-A	82.00	412A	HSS/E shell reamer DIN 219, form A	Ø 82 H7, straight flutes	1.012,25 €	01
412-85.00-A	85.00	412A	HSS/E shell reamer DIN 219, form A	Ø 85 H7, straight flutes	1.012,25 €	01
412-88.00-A	88.00	412A	HSS/E shell reamer DIN 219, form A	Ø 88 H7, straight flutes	1.049,55 €	01
412-90.00-A	90.00	412A	HSS/E shell reamer DIN 219, form A	Ø 90 H7, straight flutes	1.049,55 €	01
412-92.00-A	92.00	412A	HSS/E shell reamer DIN 219, form A	Ø 92 H7, straight flutes	1.348,75 €	01
412-95.00-A	95.00	412A	HSS/E shell reamer DIN 219, form A	Ø 95 H7, straight flutes	1.348,75 €	01
412-98.00-A	98.00	412A	HSS/E shell reamer DIN 219, form A	Ø 98 H7, straight flutes	1.441,95 €	01
412-100.00-A	100.00	412A	HSS/E shell reamer DIN 219, form A	Ø 100 H7, straight flutes	1.441,95 €	01
412-25.00-B	25.00	412B	HSS/E shell reamer DIN 219, form B	Ø 25 H7, spiral flutes	150,45 €	01
412-26.00-B	26.00	412B	HSS/E shell reamer DIN 219, form B	Ø 26 H7, spiral flutes	156,60 €	01
412-27.00-B	27.00	412B	HSS/E shell reamer DIN 219, form B	Ø 27 H7, spiral flutes	190,15 €	01
412-28.00-B	28.00	412B	HSS/E shell reamer DIN 219, form B	Ø 28 H7, spiral flutes	162,85 €	01
412-29.00-B	29.00	412B	HSS/E shell reamer DIN 219, form B	Ø 29 H7, spiral flutes	200,15 €	01
412-30.00-B	30.00	412B	HSS/E shell reamer DIN 219, form B	Ø 30 H7, spiral flutes	159,15 €	01
412-31.00-B	31.00	412B	HSS/E shell reamer DIN 219, form B	Ø 31 H7, spiral flutes	205,10 €	01
412-32.00-B	32.00	412B	HSS/E shell reamer DIN 219, form B	Ø 32 H7, spiral flutes	177,70 €	01
412-33.00-B	33.00	412B	HSS/E shell reamer DIN 219, form B	Ø 33 H7, spiral flutes	193,90 €	01
412-34.00-B	34.00	412B	HSS/E shell reamer DIN 219, form B	Ø 34 H7, spiral flutes	193,90 €	01
412-35.00-B	35.00	412B	HSS/E shell reamer DIN 219, form B	Ø 35 H7, spiral flutes	193,90 €	01
412-36.00-B	36.00	412B	HSS/E shell reamer DIN 219, form B	Ø 36 H7, spiral flutes	203,85 €	01
412-37.00-B	37.00	412B	HSS/E shell reamer DIN 219, form B	Ø 37 H7, spiral flutes	238,65 €	01
412-38.00-B	38.00	412B	HSS/E shell reamer DIN 219, form B	Ø 38 H7, spiral flutes	211,25 €	01
412-39.00-B	39.00	412B	HSS/E shell reamer DIN 219, form B	Ø 39 H7, spiral flutes	265,95 €	01
412-40.00-B	40.00	412B	HSS/E shell reamer DIN 219, form B	Ø 40 H7, spiral flutes	195,25 €	01
412-41.00-B	41.00	412B	HSS/E shell reamer DIN 219, form B	Ø 41 H7, spiral flutes	244,90 €	01
412-42.00-B	42.00	412B	HSS/E shell reamer DIN 219, form B	Ø 42 H7, spiral flutes	202,55 €	01
412-43.00-B	43.00	412B	HSS/E shell reamer DIN 219, form B	Ø 43 H7, spiral flutes	331,85 €	01
412-44.00-B	44.00	412B	HSS/E shell reamer DIN 219, form B	Ø 44 H7, spiral flutes	274,65 €	01
412-45.00-B	45.00	412B	HSS/E shell reamer DIN 219, form B	Ø 45 H7, spiral flutes	274,65 €	01
412-46.00-B	46.00	412B	HSS/E shell reamer DIN 219, form B	Ø 46 H7, spiral flutes	274,65 €	01
412-47.00-B	47.00	412B	HSS/E shell reamer DIN 219, form B	Ø 47 H7, spiral flutes	274,65 €	01
412-48.00-B	48.00	412B	HSS/E shell reamer DIN 219, form B	Ø 48 H7, spiral flutes	263,40 €	01
412-49.00-B	49.00	412B	HSS/E shell reamer DIN 219, form B	Ø 49 H7, spiral flutes	316,85 €	01
412-50.00-B	50.00	412B	HSS/E shell reamer DIN 219, form B	Ø 50 H7, spiral flutes	263,40 €	01
412-52.00-B	52.00	412B	HSS/E shell reamer DIN 219, form B	Ø 52 H7, spiral flutes	355,30 €	01
412-55.00-B	55.00	412B	HSS/E shell reamer DIN 219, form B	Ø 55 H7, spiral flutes	342,85 €	01
412-56.00-B	56.00	412B	HSS/E shell reamer DIN 219, form B	Ø 56 H7, spiral flutes	484,40 €	01

article code	Ø/size	cat.-no.	description 1	description 2	gross 2023	PG
412-58.00-B	58.00	412B	HSS/E shell reamer DIN 219, form B	Ø 58 H7, spiral flutes	361,55 €	01
412-60.00-B	60.00	412B	HSS/E shell reamer DIN 219, form B	Ø 60 H7, spiral flutes	361,55 €	01
412-62.00-B	62.00	412B	HSS/E shell reamer DIN 219, form B	Ø 62 H7, spiral flutes	487,00 €	01
412-65.00-B	65.00	412B	HSS/E shell reamer DIN 219, form B	Ø 65 H7, spiral flutes	496,85 €	01
412-68.00-B	68.00	412B	HSS/E shell reamer DIN 219, form B	Ø 68 H7, spiral flutes	580,15 €	01
412-70.00-B	70.00	412B	HSS/E shell reamer DIN 219, form B	Ø 70 H7, spiral flutes	552,80 €	01
412-72.00-B	72.00	412B	HSS/E shell reamer DIN 219, form B	Ø 72 H7, spiral flutes	739,10 €	01
412-75.00-B	75.00	412B	HSS/E shell reamer DIN 219, form B	Ø 75 H7, spiral flutes	739,10 €	01
412-78.00-B	78.00	412B	HSS/E shell reamer DIN 219, form B	Ø 78 H7, spiral flutes	843,35 €	01
412-80.00-B	80.00	412B	HSS/E shell reamer DIN 219, form B	Ø 80 H7, spiral flutes	843,35 €	01
412-82.00-B	82.00	412B	HSS/E shell reamer DIN 219, form B	Ø 82 H7, spiral flutes	1.012,25 €	01
412-85.00-B	85.00	412B	HSS/E shell reamer DIN 219, form B	Ø 85 H7, spiral flutes	1.012,25 €	01
412-88.00-B	88.00	412B	HSS/E shell reamer DIN 219, form B	Ø 88 H7, spiral flutes	1.049,55 €	01
412-90.00-B	90.00	412B	HSS/E shell reamer DIN 219, form B	Ø 90 H7, spiral flutes	1.049,55 €	01
412-92.00-B	92.00	412B	HSS/E shell reamer DIN 219, form B	Ø 92 H7, spiral flutes	1.348,75 €	01
412-95.00-B	95.00	412B	HSS/E shell reamer DIN 219, form B	Ø 95 H7, spiral flutes	1.348,75 €	01
412-98.00-B	98.00	412B	HSS/E shell reamer DIN 219, form B	Ø 98 H7, spiral flutes	1.441,95 €	01
412-100.00-B	100.00	412B	HSS/E shell reamer DIN 219, form B	Ø 100 H7, spiral flutes	1.441,95 €	01
413-25.00-C	25.00	413	HSS/E shell reamer DIN 219, form C	Ø 25 H7, 45° helical flutes	169,05 €	01
413-26.00-C	26.00	413	HSS/E shell reamer DIN 219, form C	Ø 26 H7, 45° helical flutes	169,05 €	01
413-27.00-C	27.00	413	HSS/E shell reamer DIN 219, form C	Ø 27 H7, 45° helical flutes	213,75 €	01
413-28.00-C	28.00	413	HSS/E shell reamer DIN 219, form C	Ø 28 H7, 45° helical flutes	171,55 €	01
413-29.00-C	29.00	413	HSS/E shell reamer DIN 219, form C	Ø 29 H7, 45° helical flutes	239,80 €	01
413-30.00-C	30.00	413	HSS/E shell reamer DIN 219, form C	Ø 30 H7, 45° helical flutes	171,55 €	01
413-31.00-C	31.00	413	HSS/E shell reamer DIN 219, form C	Ø 31 H7, 45° helical flutes	217,50 €	01
413-32.00-C	32.00	413	HSS/E shell reamer DIN 219, form C	Ø 32 H7, 45° helical flutes	183,95 €	01
413-33.00-C	33.00	413	HSS/E shell reamer DIN 219, form C	Ø 33 H7, 45° helical flutes	186,35 €	01
413-34.00-C	34.00	413	HSS/E shell reamer DIN 219, form C	Ø 34 H7, 45° helical flutes	196,40 €	01
413-35.00-C	35.00	413	HSS/E shell reamer DIN 219, form C	Ø 35 H7, 45° helical flutes	196,40 €	01
413-36.00-C	36.00	413	HSS/E shell reamer DIN 219, form C	Ø 36 H7, 45° helical flutes	228,70 €	01
413-37.00-C	37.00	413	HSS/E shell reamer DIN 219, form C	Ø 37 H7, 45° helical flutes	249,80 €	01
413-38.00-C	38.00	413	HSS/E shell reamer DIN 219, form C	Ø 38 H7, 45° helical flutes	228,70 €	01
413-39.00-C	39.00	413	HSS/E shell reamer DIN 219, form C	Ø 39 H7, 45° helical flutes	278,40 €	01
413-40.00-C	40.00	413	HSS/E shell reamer DIN 219, form C	Ø 40 H7, 45° helical flutes	229,95 €	01
413-41.00-C	41.00	413	HSS/E shell reamer DIN 219, form C	Ø 41 H7, 45° helical flutes	260,90 €	01
413-42.00-C	42.00	413	HSS/E shell reamer DIN 219, form C	Ø 42 H7, 45° helical flutes	216,25 €	01
413-43.00-C	43.00	413	HSS/E shell reamer DIN 219, form C	Ø 43 H7, 45° helical flutes	361,55 €	01
413-44.00-C	44.00	413	HSS/E shell reamer DIN 219, form C	Ø 44 H7, 45° helical flutes	299,45 €	01
413-45.00-C	45.00	413	HSS/E shell reamer DIN 219, form C	Ø 45 H7, 45° helical flutes	260,90 €	01
413-46.00-C	46.00	413	HSS/E shell reamer DIN 219, form C	Ø 46 H7, 45° helical flutes	299,45 €	01
413-47.00-C	47.00	413	HSS/E shell reamer DIN 219, form C	Ø 47 H7, 45° helical flutes	299,45 €	01
413-48.00-C	48.00	413	HSS/E shell reamer DIN 219, form C	Ø 48 H7, 45° helical flutes	306,95 €	01
413-49.00-C	49.00	413	HSS/E shell reamer DIN 219, form C	Ø 49 H7, 45° helical flutes	370,20 €	01
413-50.00-C	50.00	413	HSS/E shell reamer DIN 219, form C	Ø 50 H7, 45° helical flutes	313,05 €	01
413-52.00-C	52.00	413	HSS/E shell reamer DIN 219, form C	Ø 52 H7, 45° helical flutes	392,60 €	01
413-55.00-C	55.00	413	HSS/E shell reamer DIN 219, form C	Ø 55 H7, 45° helical flutes	392,60 €	01
413-56.00-C	56.00	413	HSS/E shell reamer DIN 219, form C	Ø 56 H7, 45° helical flutes	578,80 €	01
413-58.00-C	58.00	413	HSS/E shell reamer DIN 219, form C	Ø 58 H7, 45° helical flutes	472,00 €	01
413-60.00-C	60.00	413	HSS/E shell reamer DIN 219, form C	Ø 60 H7, 45° helical flutes	407,50 €	01
413-62.00-C	62.00	413	HSS/E shell reamer DIN 219, form C	Ø 62 H7, 45° helical flutes	515,50 €	01
413-65.00-C	65.00	413	HSS/E shell reamer DIN 219, form C	Ø 65 H7, 45° helical flutes	515,50 €	01
413-68.00-C	68.00	413	HSS/E shell reamer DIN 219, form C	Ø 68 H7, 45° helical flutes	561,45 €	01
413-70.00-C	70.00	413	HSS/E shell reamer DIN 219, form C	Ø 70 H7, 45° helical flutes	561,45 €	01
413-72.00-C	72.00	413	HSS/E shell reamer DIN 219, form C	Ø 72 H7, 45° helical flutes	703,00 €	01
413-75.00-C	75.00	413	HSS/E shell reamer DIN 219, form C	Ø 75 H7, 45° helical flutes	703,00 €	01
413-78.00-C	78.00	413	HSS/E shell reamer DIN 219, form C	Ø 78 H7, 45° helical flutes	912,90 €	01
413-80.00-C	80.00	413	HSS/E shell reamer DIN 219, form C	Ø 80 H7, 45° helical flutes	710,50 €	01
413-82.00-C	82.00	413	HSS/E shell reamer DIN 219, form C	Ø 82 H7, 45° helical flutes	1.011,05 €	01
413-85.00-C	85.00	413	HSS/E shell reamer DIN 219, form C	Ø 85 H7, 45° helical flutes	894,20 €	01
413-88.00-C	88.00	413	HSS/E shell reamer DIN 219, form C	Ø 88 H7, 45° helical flutes	1.254,40 €	01
413-90.00-C	90.00	413	HSS/E shell reamer DIN 219, form C	Ø 90 H7, 45° helical flutes	1.092,90 €	01
413-92.00-C	92.00	413	HSS/E shell reamer DIN 219, form C	Ø 92 H7, 45° helical flutes	1.589,65 €	01
413-95.00-C	95.00	413	HSS/E shell reamer DIN 219, form C	Ø 95 H7, 45° helical flutes	1.212,20 €	01
413-98.00-C	98.00	413	HSS/E shell reamer DIN 219, form C	Ø 98 H7, 45° helical flutes	1.589,65 €	01
413-100.00-C	100.00	413	HSS/E shell reamer DIN 219, form C	Ø 100 H7, 45° helical flutes	1.235,75 €	01
421-06.40-MK1	6.40	421	HSS bridge reamer DIN 311, MT	Ø 6.4, MT1, 25° spiral	74,10 €	21
421-07.40-MK1	7.40	421	HSS bridge reamer DIN 311, MT	Ø 7.4, MT1, 25° spiral	78,10 €	21
421-08.00-MK1	8.00	421	HSS bridge reamer DIN 311, MT	Ø 8.0, MT1, 25° spiral	85,90 €	21
421-08.40-MK1	8.40	421	HSS bridge reamer DIN 311, MT	Ø 8.4, MT1, 25° spiral	78,10 €	21
421-09.00-MK1	9.00	421	HSS bridge reamer DIN 311, MT	Ø 9.0, MT1, 25° spiral	85,90 €	21
421-09.50-MK1	9.50	421	HSS bridge reamer DIN 311, MT	Ø 9.5, MT1, 25° spiral	78,10 €	21
421-10.00-MK1	10.00	421	HSS bridge reamer DIN 311, MT	Ø 10, MT1, 25° spiral	78,10 €	21
421-11.00-MK1	11.00	421	HSS bridge reamer DIN 311, MT	Ø 11, MT1, 25° spiral	78,10 €	21
421-12.00-MK2	12.00	421	HSS bridge reamer DIN 311, MT	Ø 12, MT2, 25° spiral	82,15 €	21



article code	Ø/size	cat.-no.	description 1	description 2	gross 2023	PG
421-13.00-MK1	13.00	421	HSS bridge reamer DIN 311, MT	Ø 13, MT1, 25° spiral	90,90 €	21
421-13.00-MK2	13.00	421	HSS bridge reamer DIN 311, MT	Ø 13, MT2, 25° spiral	83,25 €	21
421-14.00-MK2	14.00	421	HSS bridge reamer DIN 311, MT	Ø 14, MT2, 25° spiral	83,85 €	21
421-15.00-MK2	15.00	421	HSS bridge reamer DIN 311, MT	Ø 15, MT2, 25° spiral	87,85 €	21
421-16.00-MK2	16.00	421	HSS bridge reamer DIN 311, MT	Ø 16, MT2, 25° spiral	94,15 €	21
421-17.00-MK2	17.00	421	HSS bridge reamer DIN 311, MT	Ø 17, MT2, 25° spiral	108,55 €	21
421-17.00-MK3	17.00	421	HSS bridge reamer DIN 311, MT	Ø 17, MT3, 25° spiral	109,65 €	21
421-18.00-MK3	18.00	421	HSS bridge reamer DIN 311, MT	Ø 18, MT3, 25° spiral	119,15 €	21
421-19.00-MK3	19.00	421	HSS bridge reamer DIN 311, MT	Ø 19, MT3, 25° spiral	132,60 €	21
421-20.00-MK3	20.00	421	HSS bridge reamer DIN 311, MT	Ø 20, MT3, 25° spiral	133,30 €	21
421-21.00-MK2	21.00	421	HSS bridge reamer DIN 311, MT	Ø 21, MT2, 25° spiral	153,85 €	21
421-21.00-MK3	21.00	421	HSS bridge reamer DIN 311, MT	Ø 21, MT3, 25° spiral	139,50 €	21
421-22.00-MK3	22.00	421	HSS bridge reamer DIN 311, MT	Ø 22, MT3, 25° spiral	145,75 €	21
421-23.00-MK3	23.00	421	HSS bridge reamer DIN 311, MT	Ø 23, MT3, 25° spiral	154,75 €	21
421-24.00-MK3	24.00	421	HSS bridge reamer DIN 311, MT	Ø 24, MT3, 25° spiral	166,45 €	21
421-25.00-MK3	25.00	421	HSS bridge reamer DIN 311, MT	Ø 25, MT3, 25° spiral	167,60 €	21
421-26.00-MK3	26.00	421	HSS bridge reamer DIN 311, MT	Ø 26, MT3, 25° spiral	184,25 €	21
421-27.00-MK3	27.00	421	HSS bridge reamer DIN 311, MT	Ø 27, MT3, 25° spiral	204,55 €	21
421-28.00-MK3	28.00	421	HSS bridge reamer DIN 311, MT	Ø 28, MT3, 25° spiral	204,55 €	21
421-29.00-MK3	29.00	421	HSS bridge reamer DIN 311, MT	Ø 29, MT3, 25° spiral	278,60 €	21
421-30.00-MK3	30.00	421	HSS bridge reamer DIN 311, MT	Ø 30, MT3, 25° spiral	237,10 €	21
421-31.00-MK3	31.00	421	HSS bridge reamer DIN 311, MT	Ø 31, MT3, 25° spiral	271,00 €	21
421-32.00-MK4	32.00	421	HSS bridge reamer DIN 311, MT	Ø 32, MT4, 25° spiral	302,50 €	21
421-33.00-MK4	33.00	421	HSS bridge reamer DIN 311, MT	Ø 33, MT4, 25° spiral	344,15 €	21
421-34.00-MK4	34.00	421	HSS bridge reamer DIN 311, MT	Ø 34, MT4, 25° spiral	359,25 €	21
421-35.00-MK4	35.00	421	HSS bridge reamer DIN 311, MT	Ø 35, MT4, 25° spiral	405,85 €	21
421-36.00-MK4	36.00	421	HSS bridge reamer DIN 311, MT	Ø 36, MT4, 25° spiral	405,85 €	21
421-37.00-MK4	37.00	421	HSS bridge reamer DIN 311, MT	Ø 37, MT4, 25° spiral	405,85 €	21
421-38.00-MK4	38.00	421	HSS bridge reamer DIN 311, MT	Ø 38, MT4, 25° spiral	445,00 €	21
421-39.00-MK4	39.00	421	HSS bridge reamer DIN 311, MT	Ø 39, MT4, 25° spiral	445,00 €	21
421-40.00-MK4	40.00	421	HSS bridge reamer DIN 311, MT	Ø 40, MT4, 25° spiral	445,00 €	21
501-01.00-A	1.00	501A	HSS taper reamer 1:50 DIN 9, cyl., form A	nom.-Ø 1mm, straight	46,80 €	19
501-01.50-A	1.50	501A	HSS taper reamer 1:50 DIN 9, cyl., form A	nom.-Ø 1.5mm, straight	46,25 €	19
501-01.60-A	1.60	501A	HSS taper reamer 1:50 DIN 9, cyl., form A	nom.-Ø 1.6mm, straight	46,25 €	19
501-02.00-A	2.00	501A	HSS taper reamer 1:50 DIN 9, cyl., form A	nom.-Ø 2mm, straight	43,50 €	19
501-02.50-A	2.50	501A	HSS taper reamer 1:50 DIN 9, cyl., form A	nom.-Ø 2.5mm, straight	43,50 €	19
501-03.00-A	3.00	501A	HSS taper reamer 1:50 DIN 9, cyl., form A	nom.-Ø 3mm, straight	37,85 €	19
501-03.50-A	3.50	501A	HSS taper reamer 1:50 DIN 9, cyl., form A	nom.-Ø 3.5mm, straight	44,30 €	19
501-04.00-A	4.00	501A	HSS taper reamer 1:50 DIN 9, cyl., form A	nom.-Ø 4mm, straight	42,10 €	19
501-04.50-A	4.50	501A	HSS taper reamer 1:50 DIN 9, cyl., form A	nom.-Ø 4.5mm, straight	50,15 €	19
501-05.00-A	5.00	501A	HSS taper reamer 1:50 DIN 9, cyl., form A	nom.-Ø 5mm, straight	46,15 €	19
501-05.50-A	5.50	501A	HSS taper reamer 1:50 DIN 9, cyl., form A	nom.-Ø 5.5mm, straight	69,20 €	19
501-06.00-A	6.00	501A	HSS taper reamer 1:50 DIN 9, cyl., form A	nom.-Ø 6mm, straight	57,70 €	19
501-06.50-A	6.50	501A	HSS taper reamer 1:50 DIN 9, cyl., form A	nom.-Ø 6.5mm, straight	65,50 €	19
501-07.00-A	7.00	501A	HSS taper reamer 1:50 DIN 9, cyl., form A	nom.-Ø 7mm, straight	83,25 €	19
501-08.00-A	8.00	501A	HSS taper reamer 1:50 DIN 9, cyl., form A	nom.-Ø 8mm, straight	84,30 €	19
501-09.00-A	9.00	501A	HSS taper reamer 1:50 DIN 9, cyl., form A	nom.-Ø 9mm, straight	115,65 €	19
501-10.00-A	10.00	501A	HSS taper reamer 1:50 DIN 9, cyl., form A	nom.-Ø 10mm, straight	108,70 €	19
501-12.00-A	12.00	501A	HSS taper reamer 1:50 DIN 9, cyl., form A	nom.-Ø 12mm, straight	135,50 €	19
501-13.00-A	13.00	501A	HSS taper reamer 1:50 DIN 9, cyl., form A	nom.-Ø 13mm, straight	152,30 €	19
501-14.00-A	14.00	501A	HSS taper reamer 1:50 DIN 9, cyl., form A	nom.-Ø 14mm, straight	160,00 €	19
501-16.00-A	16.00	501A	HSS taper reamer 1:50 DIN 9, cyl., form A	nom.-Ø 16mm, straight	190,60 €	19
501-20.00-A	20.00	501A	HSS taper reamer 1:50 DIN 9, cyl., form A	nom.-Ø 20mm, straight	262,20 €	19
501-25.00-A	25.00	501A	HSS taper reamer 1:50 DIN 9, cyl., form A	nom.-Ø 25mm, straight	432,30 €	19
501-30.00-A	30.00	501A	HSS taper reamer 1:50 DIN 9, cyl., form A	nom.-Ø 30mm, straight	562,55 €	19
501-40.00-A	40.00	501A	HSS taper reamer 1:50 DIN 9, cyl., form A	nom.-Ø 40mm, straight	932,05 €	19
501-50.00-A	50.00	501A	HSS taper reamer 1:50 DIN 9, cyl., form A	nom.-Ø 50mm, straight	1.442,30 €	19
501-01.50-B	1.50	501B	HSS taper reamer 1:50 DIN 9, cyl., form B	nom.-Ø 1.5mm, spiral	46,25 €	19
501-01.60-B	1.60	501B	HSS taper reamer 1:50 DIN 9, cyl., form B	nom.-Ø 1.6mm, spiral	46,25 €	19
501-02.00-B	2.00	501B	HSS taper reamer 1:50 DIN 9, cyl., form B	nom.-Ø 2mm, spiral	43,50 €	19
501-02.50-B	2.50	501B	HSS taper reamer 1:50 DIN 9, cyl., form B	nom.-Ø 2.5mm, spiral	43,50 €	19
501-03.00-B	3.00	501B	HSS taper reamer 1:50 DIN 9, cyl., form B	nom.-Ø 3mm, spiral	37,85 €	19
501-03.50-B	3.50	501B	HSS taper reamer 1:50 DIN 9, cyl., form B	nom.-Ø 3.5mm, spiral	44,30 €	19
501-04.00-B	4.00	501B	HSS taper reamer 1:50 DIN 9, cyl., form B	nom.-Ø 4mm, spiral	42,10 €	19
501-04.50-B	4.50	501B	HSS taper reamer 1:50 DIN 9, cyl., form B	nom.-Ø 4.5mm, spiral	50,15 €	19
501-05.00-B	5.00	501B	HSS taper reamer 1:50 DIN 9, cyl., form B	nom.-Ø 5mm, spiral	46,15 €	19
501-05.50-B	5.50	501B	HSS taper reamer 1:50 DIN 9, cyl., form B	nom.-Ø 5.5mm, spiral	69,20 €	19
501-06.00-B	6.00	501B	HSS taper reamer 1:50 DIN 9, cyl., form B	nom.-Ø 6mm, spiral	57,70 €	19
501-06.50-B	6.50	501B	HSS taper reamer 1:50 DIN 9, cyl., form B	nom.-Ø 6.5mm, spiral	65,50 €	19
501-07.00-B	7.00	501B	HSS taper reamer 1:50 DIN 9, cyl., form B	nom.-Ø 7mm, spiral	83,25 €	19
501-08.00-B	8.00	501B	HSS taper reamer 1:50 DIN 9, cyl., form B	nom.-Ø 8mm, spiral	84,30 €	19
501-09.00-B	9.00	501B	HSS taper reamer 1:50 DIN 9, cyl., form B	nom.-Ø 9mm, spiral	115,65 €	19
501-10.00-B	10.00	501B	HSS taper reamer 1:50 DIN 9, cyl., form B	nom.-Ø 10mm, spiral	108,70 €	19
501-12.00-B	12.00	501B	HSS taper reamer 1:50 DIN 9, cyl., form B	nom.-Ø 12mm, spiral	135,50 €	19



article code	Ø/size	cat.-no.	description 1	description 2	gross 2023	PG
501-13.00-B	13.00	501B	HSS taper reamer 1:50 DIN 9, cyl., form B	nom.-Ø 13mm, spiral	147,90 €	19
501-14.00-B	14.00	501B	HSS taper reamer 1:50 DIN 9, cyl., form B	nom.-Ø 14mm, spiral	155,35 €	19
501-16.00-B	16.00	501B	HSS taper reamer 1:50 DIN 9, cyl., form B	nom.-Ø 16mm, spiral	185,15 €	19
501-20.00-B	20.00	501B	HSS taper reamer 1:50 DIN 9, cyl., form B	nom.-Ø 20mm, spiral	254,70 €	19
501-25.00-B	25.00	501B	HSS taper reamer 1:50 DIN 9, cyl., form B	nom.-Ø 25mm, spiral	424,00 €	19
501-30.00-B	30.00	501B	HSS taper reamer 1:50 DIN 9, cyl., form B	nom.-Ø 30mm, spiral	551,80 €	19
501-40.00-B	40.00	501B	HSS taper reamer 1:50 DIN 9, cyl., form B	nom.-Ø 40mm, spiral	914,20 €	19
501-50.00-B	50.00	501B	HSS taper reamer 1:50 DIN 9, cyl., form B	nom.-Ø 50mm, spiral	1.414,50 €	19
502-08.00-A	8.00	502A	HSS taper reamer 1:50 sim. DIN 9, MT, form A	nom.-Ø 8mm, straight	228,90 €	19
502-10.00-A	10.00	502A	HSS taper reamer 1:50 sim. DIN 9, MT, form A	nom.-Ø 10mm, straight	242,70 €	19
502-12.00-A	12.00	502A	HSS taper reamer 1:50 sim. DIN 9, MT, form A	nom.-Ø 12mm, straight	358,50 €	19
502-13.00-A	13.00	502A	HSS taper reamer 1:50 sim. DIN 9, MT, form A	nom.-Ø 13mm, straight	364,05 €	19
502-14.00-A	14.00	502A	HSS taper reamer 1:50 sim. DIN 9, MT, form A	nom.-Ø 14mm, straight	442,45 €	19
502-16.00-A	16.00	502A	HSS taper reamer 1:50 sim. DIN 9, MT, form A	nom.-Ø 16mm, straight	615,20 €	19
502-20.00-A	20.00	502A	HSS taper reamer 1:50 sim. DIN 9, MT, form A	nom.-Ø 20mm, straight	922,55 €	19
502-25.00-A	25.00	502A	HSS taper reamer 1:50 sim. DIN 9, MT, form A	nom.-Ø 25mm, straight	1.410,00 €	19
502-30.00-A	30.00	502A	HSS taper reamer 1:50 sim. DIN 9, MT, form A	nom.-Ø 30mm, straight	1.818,00 €	19
502-40.00-A	40.00	502A	HSS taper reamer 1:50 sim. DIN 9, MT, form A	nom.-Ø 40mm, straight	2.514,75 €	19
502-50.00-A	50.00	502A	HSS taper reamer 1:50 sim. DIN 9, MT, form A	nom.-Ø 50mm, straight	3.062,00 €	19
502-08.00-B	8.00	502B	HSS taper reamer 1:50 sim. DIN 9, MT, form B	nom.-Ø 8mm, spiral	228,90 €	19
502-10.00-B	10.00	502B	HSS taper reamer 1:50 sim. DIN 9, MT, form B	nom.-Ø 10mm, spiral	242,70 €	19
502-12.00-B	12.00	502B	HSS taper reamer 1:50 sim. DIN 9, MT, form B	nom.-Ø 12mm, spiral	358,50 €	19
502-13.00-B	13.00	502B	HSS taper reamer 1:50 sim. DIN 9, MT, form B	nom.-Ø 13mm, spiral	364,05 €	19
502-14.00-B	14.00	502B	HSS taper reamer 1:50 sim. DIN 9, MT, form B	nom.-Ø 14mm, spiral	442,45 €	19
502-16.00-B	16.00	502B	HSS taper reamer 1:50 sim. DIN 9, MT, form B	nom.-Ø 16mm, spiral	615,20 €	19
502-20.00-B	20.00	502B	HSS taper reamer 1:50 sim. DIN 9, MT, form B	nom.-Ø 20mm, spiral	922,55 €	19
502-25.00-B	25.00	502B	HSS taper reamer 1:50 sim. DIN 9, MT, form B	nom.-Ø 25mm, spiral	1.410,00 €	19
502-30.00-B	30.00	502B	HSS taper reamer 1:50 sim. DIN 9, MT, form B	nom.-Ø 30mm, spiral	1.818,00 €	19
502-40.00-B	40.00	502B	HSS taper reamer 1:50 sim. DIN 9, MT, form B	nom.-Ø 40mm, spiral	2.514,75 €	19
502-50.00-B	50.00	502B	HSS taper reamer 1:50 sim. DIN 9, MT, form B	nom.-Ø 50mm, spiral	3.062,00 €	19
503-01.50	1.50	503	HSS/E taper reamer 1:50 DIN 2179, cyl.	nom.-Ø 1.5mm, 45° helical	36,30 €	19
503-02.00	2.00	503	HSS/E taper reamer 1:50 DIN 2179, cyl.	nom.-Ø 2mm, 45° helical	37,00 €	19
503-02.50	2.50	503	HSS/E taper reamer 1:50 DIN 2179, cyl.	nom.-Ø 2.5mm, 45° helical	44,10 €	19
503-03.00	3.00	503	HSS/E taper reamer 1:50 DIN 2179, cyl.	nom.-Ø 3mm, 45° helical	40,65 €	19
503-04.00	4.00	503	HSS/E taper reamer 1:50 DIN 2179, cyl.	nom.-Ø 4mm, 45° helical	40,65 €	19
503-05.00	5.00	503	HSS/E taper reamer 1:50 DIN 2179, cyl.	nom.-Ø 5mm, 45° helical	44,55 €	19
503-06.00	6.00	503	HSS/E taper reamer 1:50 DIN 2179, cyl.	nom.-Ø 6mm, 45° helical	50,85 €	19
503-06.50	6.50	503	HSS/E taper reamer 1:50 DIN 2179, cyl.	nom.-Ø 6.5mm, 45° helical	64,40 €	19
503-08.00	8.00	503	HSS/E taper reamer 1:50 DIN 2179, cyl.	nom.-Ø 8mm, 45° helical	75,90 €	19
503-10.00	10.00	503	HSS/E taper reamer 1:50 DIN 2179, cyl.	nom.-Ø 10mm, 45° helical	97,45 €	19
503-12.00	12.00	503	HSS/E taper reamer 1:50 DIN 2179, cyl.	nom.-Ø 12mm, 45° helical	122,70 €	19
503-13.00	13.00	503	HSS/E taper reamer 1:50 DIN 2179, cyl.	nom.-Ø 13mm, 45° helical	223,40 €	19
503-14.00	14.00	503	HSS/E taper reamer 1:50 DIN 2179, cyl.	nom.-Ø 14mm, 45° helical	268,50 €	19
503-16.00	16.00	503	HSS/E taper reamer 1:50 DIN 2179, cyl.	nom.-Ø 16mm, 45° helical	415,20 €	19
503-20.00	20.00	503	HSS/E taper reamer 1:50 DIN 2179, cyl.	nom.-Ø 20mm, 45° helical	558,15 €	19
503-25.00	25.00	503	HSS/E taper reamer 1:50 DIN 2179, cyl.	nom.-Ø 25mm, 45° helical	805,10 €	19
504-04.00	4.00	504	HSS taper reamer 1:50 DIN 2180, MT	nom.-Ø 4mm, 45° helical	103,15 €	19
504-05.00	5.00	504	HSS taper reamer 1:50 DIN 2180, MT	nom.-Ø 5mm, 45° helical	103,15 €	19
504-06.00	6.00	504	HSS taper reamer 1:50 DIN 2180, MT	nom.-Ø 6mm, 45° helical	100,65 €	19
504-06.50	6.50	504	HSS taper reamer 1:50 DIN 2180, MT	nom.-Ø 6.5mm, 45° helical	172,75 €	19
504-08.00	8.00	504	HSS taper reamer 1:50 DIN 2180, MT	nom.-Ø 8mm, 45° helical	135,75 €	19
504-10.00	10.00	504	HSS taper reamer 1:50 DIN 2180, MT	nom.-Ø 10mm, 45° helical	131,85 €	19
504-12.00	12.00	504	HSS taper reamer 1:50 DIN 2180, MT	nom.-Ø 12mm, 45° helical	165,40 €	19
504-13.00	13.00	504	HSS taper reamer 1:50 DIN 2180, MT	nom.-Ø 13mm, 45° helical	180,80 €	19
504-14.00	14.00	504	HSS taper reamer 1:50 DIN 2180, MT	nom.-Ø 14mm, 45° helical	180,80 €	19
504-16.00	16.00	504	HSS taper reamer 1:50 DIN 2180, MT	nom.-Ø 16mm, 45° helical	222,15 €	19
504-20.00	20.00	504	HSS taper reamer 1:50 DIN 2180, MT	nom.-Ø 20mm, 45° helical	342,15 €	19
504-25.00	25.00	504	HSS taper reamer 1:50 DIN 2180, MT	nom.-Ø 25mm, 45° helical	516,40 €	19
504-30.00	30.00	504	HSS taper reamer 1:50 DIN 2180, MT	nom.-Ø 30mm, 45° helical	795,20 €	19
504-40.00	40.00	504	HSS taper reamer 1:50 DIN 2180, MT	nom.-Ø 40mm, 45° helical	1.266,35 €	19
504-50.00	50.00	504	HSS taper reamer 1:50 DIN 2180, MT	nom.-Ø 50mm, 45° helical	1.845,75 €	19
505-0310-A	3x10	505A	HSS taper reamer 1:10, cyl., form A	Ø 3x10mm, straight flutes	78,30 €	19
505-0515-A	5x15	505A	HSS taper reamer 1:10, cyl., form A	Ø 5x15mm, straight flutes	106,45 €	19
505-1025-A	10x25	505A	HSS taper reamer 1:10, cyl., form A	Ø 10x25mm, straight flutes	217,45 €	19
505-1535-A	15x35	505A	HSS taper reamer 1:10, cyl., form A	Ø 15x35mm, straight flutes	381,15 €	19
505-2345-A	23x45	505A	HSS taper reamer 1:10, cyl., form A	Ø 23x45mm, straight flutes	521,80 €	19
505-3055-A	30x55	505A	HSS taper reamer 1:10, cyl., form A	Ø 30x55mm, straight flutes	823,45 €	19
505-3765-A	37x65	505A	HSS taper reamer 1:10, cyl., form A	Ø 37x65mm, straight flutes	1.529,10 €	19
505-4575-A	45x75	505A	HSS taper reamer 1:10, cyl., form A	Ø 45x75mm, straight flutes	2.135,10 €	19
505-0310-B	3x10	505B	HSS taper reamer 1:10, cyl., form B	Ø 3x10mm, spiral flutes	78,30 €	19
505-0515-B	5x15	505B	HSS taper reamer 1:10, cyl., form B	Ø 5x15mm, spiral flutes	106,45 €	19
505-1025-B	10x25	505B	HSS taper reamer 1:10, cyl., form B	Ø 10x25mm, spiral flutes	217,45 €	19
505-1535-B	15x35	505B	HSS taper reamer 1:10, cyl., form B	Ø 15x35mm, spiral flutes	381,15 €	19
505-2345-B	23x45	505B	HSS taper reamer 1:10, cyl., form B	Ø 23x45mm, spiral flutes	521,80 €	19

article code	Ø/size	cat.-no.	description 1	description 2	gross 2023	PG
505-3055-B	30x55	505B	HSS taper reamer 1:10, cyl., form B	Ø 30x55mm, spiral flutes	823,45 €	19
505-3765-B	37x65	505B	HSS taper reamer 1:10, cyl., form B	Ø 37x65mm, spiral flutes	1.529,10 €	19
505-4575-B	45x75	505B	HSS taper reamer 1:10, cyl., form B	Ø 45x75mm, spiral flutes	2.135,10 €	19
506-0515-A	5x15	506A	HSS taper reamer 1:10, MT, form A	Ø 5x15mm, straight flutes	268,70 €	19
506-1025-A	10x25	506A	HSS taper reamer 1:10, MT, form A	Ø 5x15mm, straight flutes	591,35 €	19
506-1535-A	15x35	506A	HSS taper reamer 1:10, MT, form A	Ø 5x15mm, straight flutes	1.072,75 €	19
506-2345-A	23x45	506A	HSS taper reamer 1:10, MT, form A	Ø 5x15mm, straight flutes	1.329,50 €	19
506-3055-A	30x55	506A	HSS taper reamer 1:10, MT, form A	Ø 5x15mm, straight flutes	2.362,05 €	19
506-3765-A	37x65	506A	HSS taper reamer 1:10, MT, form A	Ø 5x15mm, straight flutes	3.575,40 €	19
506-4575-A	45x75	506A	HSS taper reamer 1:10, MT, form A	Ø 5x15mm, straight flutes	4.641,50 €	19
506-0515-B	5x15	506B	HSS taper reamer 1:10, MT, form B	Ø 5x15mm, spiral flutes	268,70 €	19
506-1025-B	10x25	506B	HSS taper reamer 1:10, MT, form B	Ø 10x25mm, spiral flutes	591,35 €	19
506-1535-B	15x35	506B	HSS taper reamer 1:10, MT, form B	Ø 15x35mm, spiral flutes	1.072,75 €	19
506-2345-B	23x45	506B	HSS taper reamer 1:10, MT, form B	Ø 23x45mm, spiral flutes	1.329,50 €	19
506-3055-B	30x55	506B	HSS taper reamer 1:10, MT, form B	Ø 30x55mm, spiral flutes	2.362,05 €	19
506-3765-B	37x65	506B	HSS taper reamer 1:10, MT, form B	Ø 37x65mm, spiral flutes	3.575,40 €	19
506-4575-B	45x75	506B	HSS taper reamer 1:10, MT, form B	Ø 45x75mm, spiral flutes	4.641,50 €	19
509-1/16-AN	1/16	509A	HSS NPT taper reamer 1:16, cyl., form A	Ø 1/16", straight flutes	153,85 €	19
509-1/8-AN	1/8	509A	HSS NPT taper reamer 1:16, cyl., form A	Ø 1/8", straight flutes	168,00 €	19
509-1/4-AN	1/4	509A	HSS NPT taper reamer 1:16, cyl., form A	Ø 1/4", straight flutes	196,45 €	19
509-3/8-AN	3/8	509A	HSS NPT taper reamer 1:16, cyl., form A	Ø 3/8", straight flutes	222,35 €	19
509-1/2-AN	1/2	509A	HSS NPT taper reamer 1:16, cyl., form A	Ø 1/2", straight flutes	299,80 €	19
509-3/4-AN	3/4	509A	HSS NPT taper reamer 1:16, cyl., form A	Ø 3/4", straight flutes	359,15 €	19
509-1-AN	1	509A	HSS NPT taper reamer 1:16, cyl., form A	Ø 1", straight flutes	475,45 €	19
509-1 1/4-AN	1 1/4	509A	HSS NPT taper reamer 1:16, cyl., form A	Ø 1 1/4", straight flutes	653,65 €	19
509-1 1/2-AN	1 1/2	509A	HSS NPT taper reamer 1:16, cyl., form A	Ø 1 1/2", straight flutes	936,50 €	19
509-2-AN	2	509A	HSS NPT taper reamer 1:16, cyl., form A	Ø 2", straight flutes	1.561,55 €	19
509-1/16-BN	1/16	509B	HSS NPT taper reamer 1:16, cyl., form B	Ø 1/16", spiral flutes	153,85 €	19
509-1/8-BN	1/8	509B	HSS NPT taper reamer 1:16, cyl., form B	Ø 1/8", spiral flutes	168,00 €	19
509-1/4-BN	1/4	509B	HSS NPT taper reamer 1:16, cyl., form B	Ø 1/4", spiral flutes	196,45 €	19
509-3/8-BN	3/8	509B	HSS NPT taper reamer 1:16, cyl., form B	Ø 3/8", spiral flutes	222,35 €	19
509-1/2-BN	1/2	509B	HSS NPT taper reamer 1:16, cyl., form B	Ø 1/2", spiral flutes	299,80 €	19
509-3/4-BN	3/4	509B	HSS NPT taper reamer 1:16, cyl., form B	Ø 3/4", spiral flutes	359,15 €	19
509-1-BN	1	509B	HSS NPT taper reamer 1:16, cyl., form B	Ø 1", spiral flutes	475,45 €	19
509-1 1/4-BN	1 1/4	509B	HSS NPT taper reamer 1:16, cyl., form B	Ø 1 1/4", spiral flutes	653,65 €	19
509-1 1/2-BN	1 1/2	509B	HSS NPT taper reamer 1:16, cyl., form B	Ø 1 1/2", spiral flutes	936,50 €	19
509-2-BN	2	509B	HSS NPT taper reamer 1:16, cyl., form B	Ø 2", spiral flutes	1.561,55 €	19
510-02.00-B	2.00	510	HSS taper reamer 1:20, cyl., form B	Ø 2x5mm, spiral flutes	78,85 €	19
510-02.50-B	2.50	510	HSS taper reamer 1:20, cyl., form B	Ø 2.5x5.5mm, spiral flutes	79,50 €	19
510-03.00-B	3.00	510	HSS taper reamer 1:20, cyl., form B	Ø 3x7mm, spiral flutes	92,85 €	19
510-03.50-B	3.50	510	HSS taper reamer 1:20, cyl., form B	Ø 3.5x7.5mm, spiral flutes	93,05 €	19
510-04.00-B	4.00	510	HSS taper reamer 1:20, cyl., form B	Ø 4x8mm, spiral flutes	98,05 €	19
510-04.50-B	4.50	510	HSS taper reamer 1:20, cyl., form B	Ø 4.5x9mm, spiral flutes	104,45 €	19
510-05.00-B	5.00	510	HSS taper reamer 1:20, cyl., form B	Ø 5x9.5mm, spiral flutes	116,30 €	19
510-05.50-B	5.50	510	HSS taper reamer 1:20, cyl., form B	Ø 5.5x10mm, spiral flutes	128,05 €	19
510-06.00-B	6.00	510	HSS taper reamer 1:20, cyl., form B	Ø 6x11mm, spiral flutes	133,25 €	19
510-07.00-B	7.00	510	HSS taper reamer 1:20, cyl., form B	Ø 7x12mm, spiral flutes	151,45 €	19
510-08.00-B	8.00	510	HSS taper reamer 1:20, cyl., form B	Ø 8x14mm, spiral flutes	175,00 €	19
510-09.00-B	9.00	510	HSS taper reamer 1:20, cyl., form B	Ø 9x15mm, spiral flutes	202,30 €	19
510-10.00-B	10.00	510	HSS taper reamer 1:20, cyl., form B	Ø 10x16mm, spiral flutes	251,90 €	19
513-7/0	7/0	513	HSS taper reamer 1:48, cyl., form A	no. 7/0, straight flutes	58,50 €	19
513-6/0	6/0	513	HSS taper reamer 1:48, cyl., form A	no. 6/0, straight flutes	57,40 €	19
513-5/0	5/0	513	HSS taper reamer 1:48, cyl., form A	no. 5/0, straight flutes	55,35 €	19
513-4/0	4/0	513	HSS taper reamer 1:48, cyl., form A	no. 4/0, straight flutes	55,35 €	19
513-3/0	3/0	513	HSS taper reamer 1:48, cyl., form A	no. 3/0, straight flutes	55,35 €	19
513-2/0	2/0	513	HSS taper reamer 1:48, cyl., form A	no. 2/0, straight flutes	55,35 €	19
513-0	0	513	HSS taper reamer 1:48, cyl., form A	no. 0, straight flutes	57,40 €	19
513-1	1	513	HSS taper reamer 1:48, cyl., form A	no. 1, straight flutes	57,40 €	19
513-2	2	513	HSS taper reamer 1:48, cyl., form A	no. 2, straight flutes	59,50 €	19
513-3	3	513	HSS taper reamer 1:48, cyl., form A	no. 3, straight flutes	62,75 €	19
513-4	4	513	HSS taper reamer 1:48, cyl., form A	no. 4, straight flutes	62,75 €	19
513-5	5	513	HSS taper reamer 1:48, cyl., form A	no. 5, straight flutes	84,35 €	19
513-6	6	513	HSS taper reamer 1:48, cyl., form A	no. 6, straight flutes	100,85 €	19
513-7	7	513	HSS taper reamer 1:48, cyl., form A	no. 7, straight flutes	120,90 €	19
513-8	8	513	HSS taper reamer 1:48, cyl., form A	no. 8, straight flutes	156,60 €	19
513-9	9	513	HSS taper reamer 1:48, cyl., form A	no. 9, straight flutes	292,75 €	19
513-10	10	513	HSS taper reamer 1:48, cyl., form A	no. 10, straight flutes	362,05 €	19
514-01.50	1.50	514	HSS taper reamer 1:100, cyl., form A	nom.-Ø 1.5mm, straight	37,60 €	19
514-01.75	1.75	514	HSS taper reamer 1:100, cyl., form A	nom.-Ø 1.75mm, straight	43,30 €	19
514-02.00	2.00	514	HSS taper reamer 1:100, cyl., form A	nom.-Ø 2mm, straight	42,60 €	19
514-02.25	2.25	514	HSS taper reamer 1:100, cyl., form A	nom.-Ø 2.25mm, straight	42,60 €	19
514-02.50	2.50	514	HSS taper reamer 1:100, cyl., form A	nom.-Ø 2.5mm, straight	43,30 €	19
514-03.00	3.00	514	HSS taper reamer 1:100, cyl., form A	nom.-Ø 3mm, straight	45,55 €	19
514-03.50	3.50	514	HSS taper reamer 1:100, cyl., form A	nom.-Ø 3.5mm, straight	48,20 €	19



article code	Ø/size	cat.-no.	description 1	description 2	gross 2023	PG
514-04.00	4.00	514	HSS taper reamer 1:100, cyl., form A	nom.-Ø 4mm, straight	55,35 €	19
514-04.50	4.50	514	HSS taper reamer 1:100, cyl., form A	nom.-Ø 4.5mm, straight	58,40 €	19
514-05.00	5.00	514	HSS taper reamer 1:100, cyl., form A	nom.-Ø 5mm, straight	57,20 €	19
514-05.50	5.50	514	HSS taper reamer 1:100, cyl., form A	nom.-Ø 5.5mm, straight	68,35 €	19
514-06.00	6.00	514	HSS taper reamer 1:100, cyl., form A	nom.-Ø 6mm, straight	67,15 €	19
514-07.00	7.00	514	HSS taper reamer 1:100, cyl., form A	nom.-Ø 7mm, straight	77,85 €	19
514-08.00	8.00	514	HSS taper reamer 1:100, cyl., form A	nom.-Ø 8mm, straight	107,35 €	19
514-09.00	9.00	514	HSS taper reamer 1:100, cyl., form A	nom.-Ø 9mm, straight	140,75 €	19
514-10.00	10.00	514	HSS taper reamer 1:100, cyl., form A	nom.-Ø 10mm, straight	156,45 €	19
514-11.00	11.00	514	HSS taper reamer 1:100, cyl., form A	nom.-Ø 11mm, straight	198,90 €	19
514-12.50	12.50	514	HSS taper reamer 1:100, cyl., form A	nom.-Ø 12.5mm, straight	228,55 €	19
514-14.00	14.00	514	HSS taper reamer 1:100, cyl., form A	nom.-Ø 14mm, straight	232,15 €	19
514-16.00	16.00	514	HSS taper reamer 1:100, cyl., form A	nom.-Ø 16mm, straight	271,85 €	19
514-18.00	18.00	514	HSS taper reamer 1:100, cyl., form A	nom.-Ø 18mm, straight	351,45 €	19
514-20.00	20.00	514	HSS taper reamer 1:100, cyl., form A	nom.-Ø 20mm, straight	369,95 €	19
516-0-A	0	516A	HSS taper reamer DIN 204, form A, finishing	for MT 0, straight flutes	61,50 €	19
516-1-A	1	516A	HSS taper reamer DIN 204, form A, finishing	for MT 1, straight flutes	65,95 €	19
516-2-A	2	516A	HSS taper reamer DIN 204, form A, finishing	for MT 2, straight flutes	95,80 €	19
516-3-A	3	516A	HSS taper reamer DIN 204, form A, finishing	for MT 3, straight flutes	131,25 €	19
516-4-A	4	516A	HSS taper reamer DIN 204, form A, finishing	for MT 4, straight flutes	223,65 €	19
516-5-A	5	516A	HSS taper reamer DIN 204, form A, finishing	for MT 5, straight flutes	442,50 €	19
516-6-A	6	516A	HSS taper reamer DIN 204, form A, finishing	for MT 6, straight flutes	1.161,00 €	19
516-0-B	0	516B	HSS taper reamer DIN 204, form B, finishing	for MT 0, spiral flutes	61,50 €	19
516-1-B	1	516B	HSS taper reamer DIN 204, form B, finishing	for MT 1, spiral flutes	65,95 €	19
516-2-B	2	516B	HSS taper reamer DIN 204, form B, finishing	for MT 2, spiral flutes	95,80 €	19
516-3-B	3	516B	HSS taper reamer DIN 204, form B, finishing	for MT 3, spiral flutes	131,25 €	19
516-4-B	4	516B	HSS taper reamer DIN 204, form B, finishing	for MT 4, spiral flutes	223,65 €	19
516-5-B	5	516B	HSS taper reamer DIN 204, form B, finishing	for MT 5, spiral flutes	442,50 €	19
516-6-B	6	516B	HSS taper reamer DIN 204, form B, finishing	for MT 6, spiral flutes	1.161,00 €	19
516-0-W	0	516W	HSS taper reamer DIN 204, form W, roughing	for MT 0, straight flutes	69,20 €	19
516-1-W	1	516W	HSS taper reamer DIN 204, form W, roughing	for MT 1, straight flutes	78,20 €	19
516-2-W	2	516W	HSS taper reamer DIN 204, form W, roughing	for MT 2, straight flutes	115,90 €	19
516-3-W	3	516W	HSS taper reamer DIN 204, form W, roughing	for MT 3, straight flutes	158,75 €	19
516-4-W	4	516W	HSS taper reamer DIN 204, form W, roughing	for MT 4, straight flutes	246,90 €	19
516-5-W	5	516W	HSS taper reamer DIN 204, form W, roughing	for MT 5, straight flutes	496,20 €	19
516-6-W	6	516W	HSS taper reamer DIN 204, form W, roughing	for MT 6, straight flutes	1.368,00 €	19
517-0-D	0	517	HSS taper reamer DIN 1895, MT, form D	for MK 0, 45° helical flutes	97,00 €	19
517-1-D	1	517	HSS taper reamer DIN 1895, MT, form D	for MK 1, 45° helical flutes	97,00 €	19
517-2-D	2	517	HSS taper reamer DIN 1895, MT, form D	for MK 2, 45° helical flutes	127,65 €	19
517-3-D	3	517	HSS taper reamer DIN 1895, MT, form D	for MK 3, 45° helical flutes	175,50 €	19
517-4-D	4	517	HSS taper reamer DIN 1895, MT, form D	for MK 4, 45° helical flutes	280,45 €	19
517-5-D	5	517	HSS taper reamer DIN 1895, MT, form D	for MK 5, 45° helical flutes	657,70 €	19
517-6-D	6	517	HSS taper reamer DIN 1895, MT, form D	for MK 6, 45° helical flutes	1.823,70 €	19
518-0-C	0	518C	HSS taper reamer DIN 1895, MT, form C	for MK 0, spiral flutes	105,55 €	19
518-1-C	1	518C	HSS taper reamer DIN 1895, MT, form C	for MK 1, spiral flutes	111,05 €	19
518-2-C	2	518C	HSS taper reamer DIN 1895, MT, form C	for MK 2, spiral flutes	143,00 €	19
518-3-C	3	518C	HSS taper reamer DIN 1895, MT, form C	for MK 3, spiral flutes	177,95 €	19
518-4-C	4	518C	HSS taper reamer DIN 1895, MT, form C	for MK 4, spiral flutes	309,75 €	19
518-5-C	5	518C	HSS taper reamer DIN 1895, MT, form C	for MK 5, spiral flutes	624,55 €	19
518-6-C	6	518C	HSS taper reamer DIN 1895, MT, form C	for MK 6, spiral flutes	1.558,20 €	19
518-0-E	0	518E	HSS taper reamer DIN 1895, MT, form E	for MK 0, straight flutes	105,55 €	19
518-1-E	1	518E	HSS taper reamer DIN 1895, MT, form E	for MK 1, straight flutes	111,05 €	19
518-2-E	2	518E	HSS taper reamer DIN 1895, MT, form E	for MK 2, straight flutes	143,00 €	19
518-3-E	3	518E	HSS taper reamer DIN 1895, MT, form E	for MK 3, straight flutes	177,95 €	19
518-4-E	4	518E	HSS taper reamer DIN 1895, MT, form E	for MK 4, straight flutes	309,75 €	19
518-5-E	5	518E	HSS taper reamer DIN 1895, MT, form E	for MK 5, straight flutes	624,55 €	19
518-6-E	6	518E	HSS taper reamer DIN 1895, MT, form E	for MK 6, straight flutes	1.558,20 €	19
600-10.00-A	10.00	600	Carbide-tipped hand reamer sim. DIN 206A	Ø 10 H7, straight flutes	186,65 €	03
600-11.00-A	11.00	600	Carbide-tipped hand reamer sim. DIN 206A	Ø 11 H7, straight flutes	194,75 €	03
600-12.00-A	12.00	600	Carbide-tipped hand reamer sim. DIN 206A	Ø 12 H7, straight flutes	201,80 €	03
600-13.00-A	13.00	600	Carbide-tipped hand reamer sim. DIN 206A	Ø 13 H7, straight flutes	246,65 €	03
600-14.00-A	14.00	600	Carbide-tipped hand reamer sim. DIN 206A	Ø 14 H7, straight flutes	266,15 €	03
600-15.00-A	15.00	600	Carbide-tipped hand reamer sim. DIN 206A	Ø 15 H7, straight flutes	275,05 €	03
600-16.00-A	16.00	600	Carbide-tipped hand reamer sim. DIN 206A	Ø 16 H7, straight flutes	267,30 €	03
600-17.00-A	17.00	600	Carbide-tipped hand reamer sim. DIN 206A	Ø 17 H7, straight flutes	373,15 €	03
600-18.00-A	18.00	600	Carbide-tipped hand reamer sim. DIN 206A	Ø 18 H7, straight flutes	411,10 €	03
600-19.00-A	19.00	600	Carbide-tipped hand reamer sim. DIN 206A	Ø 19 H7, straight flutes	413,10 €	03
600-20.00-A	20.00	600	Carbide-tipped hand reamer sim. DIN 206A	Ø 20 H7, straight flutes	413,10 €	03
6010-01.50-A	1.50	6010	Solid carbide hand reamer sim. DIN 206A	Ø 1.5 H7, straight	60,90 €	05
6010-02.00-A	2.00	6010	Solid carbide hand reamer sim. DIN 206A	Ø 2 H7, straight	73,65 €	05
6010-02.50-A	2.50	6010	Solid carbide hand reamer sim. DIN 206A	Ø 2.5 H7, straight	82,70 €	05
6010-03.00-A	3.00	6010	Solid carbide hand reamer sim. DIN 206A	Ø 3 H7, straight	82,70 €	05
6010-03.50-A	3.50	6010	Solid carbide hand reamer sim. DIN 206A	Ø 3.5 H7, straight	97,30 €	05
6010-04.00-A	4.00	6010	Solid carbide hand reamer sim. DIN 206A	Ø 4 H7, straight	97,30 €	05



article code	Ø/size	cat.-no.	description 1	description 2	gross 2023	PG
6010-04.50-A	4.50	6010	Solid carbide hand reamer sim. DIN 206A	Ø 4.5 H7, straight	127,25 €	05
6010-05.00-A	5.00	6010	Solid carbide hand reamer sim. DIN 206A	Ø 5 H7, straight	133,45 €	05
6010-06.00-A	6.00	6010	Solid carbide hand reamer sim. DIN 206A	Ø 6 H7, straight	155,35 €	05
6010-07.00-A	7.00	6010	Solid carbide hand reamer sim. DIN 206A	Ø 7 H7, straight	176,75 €	05
6010-08.00-A	8.00	6010	Solid carbide hand reamer sim. DIN 206A	Ø 8 H7, straight	187,70 €	05
6010-09.00-A	9.00	6010	Solid carbide hand reamer sim. DIN 206A	Ø 9 H7, straight	226,60 €	05
6011-01.00-A	1.00	6011A	Solid carbide machine reamer sim. DIN 8093A	Ø 1 H7, straight, cyl.	48,60 €	05
6011-01.20-A	1.20	6011A	Solid carbide machine reamer sim. DIN 8093A	Ø 1.2 H7, straight, cyl.	48,60 €	05
6011-01.40-A	1.40	6011A	Solid carbide machine reamer sim. DIN 8093A	Ø 1.4 H7, straight, cyl.	48,60 €	05
6011-01.50-A	1.50	6011A	Solid carbide machine reamer sim. DIN 8093A	Ø 1.5 H7, straight, cyl.	43,60 €	05
6011-01.60-A	1.60	6011A	Solid carbide machine reamer sim. DIN 8093A	Ø 1.6 H7, straight, cyl.	44,80 €	05
6011-01.80-A	1.80	6011A	Solid carbide machine reamer sim. DIN 8093A	Ø 1.8 H7, straight, cyl.	51,10 €	05
6011-02.00-A	2.00	6011A	Solid carbide machine reamer sim. DIN 8093A	Ø 2 H7, straight, cyl.	42,45 €	05
6011-02.20-A	2.20	6011A	Solid carbide machine reamer sim. DIN 8093A	Ø 2.2 H7, straight, cyl.	54,85 €	05
6011-02.50-A	2.50	6011A	Solid carbide machine reamer sim. DIN 8093A	Ø 2.5 H7, straight, cyl.	48,60 €	05
6011-02.80-A	2.80	6011A	Solid carbide machine reamer sim. DIN 8093A	Ø 2.8 H7, straight, cyl.	52,30 €	05
6011-03.00-A	3.00	6011A	Solid carbide machine reamer sim. DIN 8093A	Ø 3 H7, straight, cyl.	53,45 €	05
6011-03.20-A	3.20	6011A	Solid carbide machine reamer sim. DIN 8093A	Ø 3.2 H7, straight, cyl.	61,00 €	05
6011-03.50-A	3.50	6011A	Solid carbide machine reamer sim. DIN 8093A	Ø 3.5 H7, straight, cyl.	59,75 €	05
6011-04.00-A	4.00	6011A	Solid carbide machine reamer sim. DIN 8093A	Ø 4 H7, straight, cyl.	59,75 €	05
6011-04.50-A	4.50	6011A	Solid carbide machine reamer sim. DIN 8093A	Ø 4.5 H7, straight, cyl.	71,00 €	05
6011-05.00-A	5.00	6011A	Solid carbide machine reamer sim. DIN 8093A	Ø 5 H7, straight, cyl.	71,00 €	05
6011-05.50-A	5.50	6011A	Solid carbide machine reamer sim. DIN 8093A	Ø 5.5 H7, straight, cyl.	88,35 €	05
6011-06.00-A	6.00	6011A	Solid carbide machine reamer sim. DIN 8093A	Ø 6 H7, straight, cyl.	80,85 €	05
6011-06.50-A	6.50	6011A	Solid carbide machine reamer sim. DIN 8093A	Ø 6.5 H7, straight, cyl.	106,85 €	05
6011-07.00-A	7.00	6011A	Solid carbide machine reamer sim. DIN 8093A	Ø 7 H7, straight, cyl.	109,40 €	05
6011-07.50-A	7.50	6011A	Solid carbide machine reamer sim. DIN 8093A	Ø 7.5 H7, straight, cyl.	114,35 €	05
6011-08.00-A	8.00	6011A	Solid carbide machine reamer sim. DIN 8093A	Ø 8 H7, straight, cyl.	114,35 €	05
6011-08.50-A	8.50	6011A	Solid carbide machine reamer sim. DIN 8093A	Ø 8.5 H7, straight, cyl.	123,05 €	05
6011-09.00-A	9.00	6011A	Solid carbide machine reamer sim. DIN 8093A	Ø 9 H7, straight, cyl.	128,05 €	05
6011-09.50-A	9.50	6011A	Solid carbide machine reamer sim. DIN 8093A	Ø 9.5 H7, straight, cyl.	149,05 €	05
6011-10.00-A	10.00	6011A	Solid carbide machine reamer sim. DIN 8093A	Ø 10 H7, straight, cyl.	145,50 €	05
6011-10.50-A	10.50	6011A	Solid carbide machine reamer sim. DIN 8093A	Ø 10.5 H7, straight, cyl.	165,30 €	05
6011-11.00-A	11.00	6011A	Solid carbide machine reamer sim. DIN 8093A	Ø 11 H7, straight, cyl.	167,80 €	05
6011-11.50-A	11.50	6011A	Solid carbide machine reamer sim. DIN 8093A	Ø 11.5 H7, straight, cyl.	236,65 €	05
6011-12.00-A	12.00	6011A	Solid carbide machine reamer sim. DIN 8093A	Ø 12 H7, straight, cyl.	171,05 €	05
6011-13.00-A	13.00	6011A	Solid carbide machine reamer sim. DIN 8093A	Ø 13 H7, straight, cyl.	197,60 €	05
6011-14.00-A	14.00	6011A	Solid carbide machine reamer sim. DIN 8093A	Ø 14 H7, straight, cyl.	212,70 €	05
6011-15.00-A	15.00	6011A	Solid carbide machine reamer sim. DIN 8093A	Ø 15 H7, straight, cyl.	243,35 €	05
6011-16.00-A	16.00	6011A	Solid carbide machine reamer sim. DIN 8093A	Ø 16 H7, straight, cyl.	264,70 €	05
6011-17.00-A	17.00	6011A	Solid carbide machine reamer sim. DIN 8093A	Ø 17 H7, straight, cyl.	316,80 €	05
6011-18.00-A	18.00	6011A	Solid carbide machine reamer sim. DIN 8093A	Ø 18 H7, straight, cyl.	356,55 €	05
6011-19.00-A	19.00	6011A	Solid carbide machine reamer sim. DIN 8093A	Ø 19 H7, straight, cyl.	412,40 €	05
6011-20.00-A	20.00	6011A	Solid carbide machine reamer sim. DIN 8093A	Ø 20 H7, straight, cyl.	443,45 €	05
6011-01.00-B	1.00	6011B	Solid carbide machine reamer sim. DIN 8093B	Ø 1 H7, spiral, cyl.	48,60 €	05
6011-01.20-B	1.20	6011B	Solid carbide machine reamer sim. DIN 8093B	Ø 1.2 H7, spiral, cyl.	48,60 €	05
6011-01.40-B	1.40	6011B	Solid carbide machine reamer sim. DIN 8093B	Ø 1.4 H7, spiral, cyl.	48,60 €	05
6011-01.50-B	1.50	6011B	Solid carbide machine reamer sim. DIN 8093B	Ø 1.5 H7, spiral, cyl.	43,60 €	05
6011-01.60-B	1.60	6011B	Solid carbide machine reamer sim. DIN 8093B	Ø 1.6 H7, spiral, cyl.	44,80 €	05
6011-01.80-B	1.80	6011B	Solid carbide machine reamer sim. DIN 8093B	Ø 1.8 H7, spiral, cyl.	51,10 €	05
6011-02.00-B	2.00	6011B	Solid carbide machine reamer sim. DIN 8093B	Ø 2 H7, spiral, cyl.	42,45 €	05
6011-02.20-B	2.20	6011B	Solid carbide machine reamer sim. DIN 8093B	Ø 2.2 H7, spiral, cyl.	54,85 €	05
6011-02.50-B	2.50	6011B	Solid carbide machine reamer sim. DIN 8093B	Ø 2.5 H7, spiral, cyl.	48,60 €	05
6011-02.80-B	2.80	6011B	Solid carbide machine reamer sim. DIN 8093B	Ø 2.8 H7, spiral, cyl.	52,30 €	05
6011-03.00-B	3.00	6011B	Solid carbide machine reamer sim. DIN 8093B	Ø 3 H7, spiral, cyl.	53,45 €	05
6011-03.20-B	3.20	6011B	Solid carbide machine reamer sim. DIN 8093B	Ø 3.2 H7, spiral, cyl.	61,00 €	05
6011-03.50-B	3.50	6011B	Solid carbide machine reamer sim. DIN 8093B	Ø 3.5 H7, spiral, cyl.	59,75 €	05
6011-04.00-B	4.00	6011B	Solid carbide machine reamer sim. DIN 8093B	Ø 4 H7, spiral, cyl.	59,75 €	05
6011-04.50-B	4.50	6011B	Solid carbide machine reamer sim. DIN 8093B	Ø 4.5 H7, spiral, cyl.	71,00 €	05
6011-05.00-B	5.00	6011B	Solid carbide machine reamer sim. DIN 8093B	Ø 5 H7, spiral, cyl.	71,00 €	05
6011-05.50-B	5.50	6011B	Solid carbide machine reamer sim. DIN 8093B	Ø 5.5 H7, spiral, cyl.	88,35 €	05
6011-06.00-B	6.00	6011B	Solid carbide machine reamer sim. DIN 8093B	Ø 6 H7, spiral, cyl.	80,85 €	05
6011-06.50-B	6.50	6011B	Solid carbide machine reamer sim. DIN 8093B	Ø 6.5 H7, spiral, cyl.	106,85 €	05
6011-07.00-B	7.00	6011B	Solid carbide machine reamer sim. DIN 8093B	Ø 7 H7, spiral, cyl.	109,40 €	05
6011-07.50-B	7.50	6011B	Solid carbide machine reamer sim. DIN 8093B	Ø 7.5 H7, spiral, cyl.	114,35 €	05
6011-08.00-B	8.00	6011B	Solid carbide machine reamer sim. DIN 8093B	Ø 8 H7, spiral, cyl.	114,35 €	05
6011-08.50-B	8.50	6011B	Solid carbide machine reamer sim. DIN 8093B	Ø 8.5 H7, spiral, cyl.	123,05 €	05
6011-09.00-B	9.00	6011B	Solid carbide machine reamer sim. DIN 8093B	Ø 9 H7, spiral, cyl.	128,05 €	05
6011-09.50-B	9.50	6011B	Solid carbide machine reamer sim. DIN 8093B	Ø 9.5 H7, spiral, cyl.	149,05 €	05
6011-10.00-B	10.00	6011B	Solid carbide machine reamer sim. DIN 8093B	Ø 10 H7, spiral, cyl.	145,50 €	05
6011-10.50-B	10.50	6011B	Solid carbide machine reamer sim. DIN 8093B	Ø 10.5 H7, spiral, cyl.	165,30 €	05
6011-11.00-B	11.00	6011B	Solid carbide machine reamer sim. DIN 8093B	Ø 11 H7, spiral, cyl.	167,80 €	05
6011-11.50-B	11.50	6011B	Solid carbide machine reamer sim. DIN 8093B	Ø 11.5 H7, spiral, cyl.	236,65 €	05
6011-12.00-B	12.00	6011B	Solid carbide machine reamer sim. DIN 8093B	Ø 12 H7, spiral, cyl.	171,05 €	05

article code	Ø/size	cat.-no.	description 1	description 2	gross 2023	PG
6011-13.00-B	13.00	6011B	Solid carbide machine reamer sim. DIN 8093B	Ø 13 H7, spiral, cyl.	197,60 €	05
6011-14.00-B	14.00	6011B	Solid carbide machine reamer sim. DIN 8093B	Ø 14 H7, spiral, cyl.	212,70 €	05
6011-15.00-B	15.00	6011B	Solid carbide machine reamer sim. DIN 8093B	Ø 15 H7, spiral, cyl.	243,35 €	05
6011-16.00-B	16.00	6011B	Solid carbide machine reamer sim. DIN 8093B	Ø 16 H7, spiral, cyl.	264,70 €	05
6011-17.00-B	17.00	6011B	Solid carbide machine reamer sim. DIN 8093B	Ø 17 H7, spiral, cyl.	316,80 €	05
6011-18.00-B	18.00	6011B	Solid carbide machine reamer sim. DIN 8093B	Ø 18 H7, spiral, cyl.	356,55 €	05
6011-19.00-B	19.00	6011B	Solid carbide machine reamer sim. DIN 8093B	Ø 19 H7, spiral, cyl.	412,40 €	05
6011-20.00-B	20.00	6011B	Solid carbide machine reamer sim. DIN 8093B	Ø 20 H7, spiral, cyl.	443,45 €	05
6012-02.00-A	2.00	6012A	Solid carbide short stub reamer sim. DIN 8089	Ø 2 H7, straight, cyl.	63,90 €	18
6012-02.50-A	2.50	6012A	Solid carbide short stub reamer sim. DIN 8089	Ø 2.5 H7, straight, cyl.	63,90 €	18
6012-03.00-A	3.00	6012A	Solid carbide short stub reamer sim. DIN 8089	Ø 3 H7, straight, cyl.	57,55 €	18
6012-03.20-A	3.20	6012A	Solid carbide short stub reamer sim. DIN 8089	Ø 3.2 H7, straight, cyl.	65,05 €	18
6012-03.50-A	3.50	6012A	Solid carbide short stub reamer sim. DIN 8089	Ø 3.5 H7, straight, cyl.	65,05 €	18
6012-04.00-A	4.00	6012A	Solid carbide short stub reamer sim. DIN 8089	Ø 4 H7, straight, cyl.	67,50 €	18
6012-04.50-A	4.50	6012A	Solid carbide short stub reamer sim. DIN 8089	Ø 4.5 H7, straight, cyl.	80,00 €	18
6012-05.00-A	5.00	6012A	Solid carbide short stub reamer sim. DIN 8089	Ø 5 H7, straight, cyl.	83,85 €	18
6012-05.50-A	5.50	6012A	Solid carbide short stub reamer sim. DIN 8089	Ø 5.5 H7, straight, cyl.	88,80 €	18
6012-06.00-A	6.00	6012A	Solid carbide short stub reamer sim. DIN 8089	Ø 6 H7, straight, cyl.	87,40 €	18
6012-06.50-A	6.50	6012A	Solid carbide short stub reamer sim. DIN 8089	Ø 6.5 H7, straight, cyl.	93,70 €	18
6012-07.00-A	7.00	6012A	Solid carbide short stub reamer sim. DIN 8089	Ø 7 H7, straight, cyl.	104,90 €	18
6012-07.50-A	7.50	6012A	Solid carbide short stub reamer sim. DIN 8089	Ø 7.5 H7, straight, cyl.	112,40 €	18
6012-08.00-A	8.00	6012A	Solid carbide short stub reamer sim. DIN 8089	Ø 8 H7, straight, cyl.	112,40 €	18
6012-08.50-A	8.50	6012A	Solid carbide short stub reamer sim. DIN 8089	Ø 8.5 H7, straight, cyl.	126,25 €	18
6012-09.00-A	9.00	6012A	Solid carbide short stub reamer sim. DIN 8089	Ø 9 H7, straight, cyl.	126,25 €	18
6012-09.50-A	9.50	6012A	Solid carbide short stub reamer sim. DIN 8089	Ø 9.5 H7, straight, cyl.	132,45 €	18
6012-10.00-A	10.00	6012A	Solid carbide short stub reamer sim. DIN 8089	Ø 10 H7, straight, cyl.	132,45 €	18
6012-11.00-A	11.00	6012A	Solid carbide short stub reamer sim. DIN 8089	Ø 11 H7, straight, cyl.	168,50 €	18
6012-12.00-A	12.00	6012A	Solid carbide short stub reamer sim. DIN 8089	Ø 12 H7, straight, cyl.	186,00 €	18
6012-13.00-A	13.00	6012A	Solid carbide short stub reamer sim. DIN 8089	Ø 13 H7, straight, cyl.	247,15 €	18
6012-14.00-A	14.00	6012A	Solid carbide short stub reamer sim. DIN 8089	Ø 14 H7, straight, cyl.	278,40 €	18
6012-15.00-A	15.00	6012A	Solid carbide short stub reamer sim. DIN 8089	Ø 15 H7, straight, cyl.	309,60 €	18
6012-16.00-A	16.00	6012A	Solid carbide short stub reamer sim. DIN 8089	Ø 16 H7, straight, cyl.	384,50 €	18
6012-17.00-A	17.00	6012A	Solid carbide short stub reamer sim. DIN 8089	Ø 17 H7, straight, cyl.	424,35 €	18
6012-18.00-A	18.00	6012A	Solid carbide short stub reamer sim. DIN 8089	Ø 18 H7, straight, cyl.	455,50 €	18
6012-19.00-A	19.00	6012A	Solid carbide short stub reamer sim. DIN 8089	Ø 19 H7, straight, cyl.	479,25 €	18
6012-20.00-A	20.00	6012A	Solid carbide short stub reamer sim. DIN 8089	Ø 20 H7, straight, cyl.	549,15 €	18
6012-02.00-B	2.00	6012B	Solid carbide short stub reamer sim. DIN 8089	Ø 2 H7, spiral, cyl.	63,90 €	18
6012-02.50-B	2.50	6012B	Solid carbide short stub reamer sim. DIN 8089	Ø 2.5 H7, spiral, cyl.	63,90 €	18
6012-03.00-B	3.00	6012B	Solid carbide short stub reamer sim. DIN 8089	Ø 3 H7, spiral, cyl.	57,55 €	18
6012-03.20-B	3.20	6012B	Solid carbide short stub reamer sim. DIN 8089	Ø 3.2 H7, spiral, cyl.	65,05 €	18
6012-03.50-B	3.50	6012B	Solid carbide short stub reamer sim. DIN 8089	Ø 3.5 H7, spiral, cyl.	65,05 €	18
6012-04.00-B	4.00	6012B	Solid carbide short stub reamer sim. DIN 8089	Ø 4 H7, spiral, cyl.	67,50 €	18
6012-04.50-B	4.50	6012B	Solid carbide short stub reamer sim. DIN 8089	Ø 4.5 H7, spiral, cyl.	80,00 €	18
6012-05.00-B	5.00	6012B	Solid carbide short stub reamer sim. DIN 8089	Ø 5 H7, spiral, cyl.	83,85 €	18
6012-05.50-B	5.50	6012B	Solid carbide short stub reamer sim. DIN 8089	Ø 5.5 H7, spiral, cyl.	88,80 €	18
6012-06.00-B	6.00	6012B	Solid carbide short stub reamer sim. DIN 8089	Ø 6 H7, spiral, cyl.	87,40 €	18
6012-06.50-B	6.50	6012B	Solid carbide short stub reamer sim. DIN 8089	Ø 6.5 H7, spiral, cyl.	93,70 €	18
6012-07.00-B	7.00	6012B	Solid carbide short stub reamer sim. DIN 8089	Ø 7 H7, spiral, cyl.	104,90 €	18
6012-07.50-B	7.50	6012B	Solid carbide short stub reamer sim. DIN 8089	Ø 7.5 H7, spiral, cyl.	112,40 €	18
6012-08.00-B	8.00	6012B	Solid carbide short stub reamer sim. DIN 8089	Ø 8 H7, spiral, cyl.	112,40 €	18
6012-08.50-B	8.50	6012B	Solid carbide short stub reamer sim. DIN 8089	Ø 8.5 H7, spiral, cyl.	126,25 €	18
6012-09.00-B	9.00	6012B	Solid carbide short stub reamer sim. DIN 8089	Ø 9 H7, spiral, cyl.	126,25 €	18
6012-09.50-B	9.50	6012B	Solid carbide short stub reamer sim. DIN 8089	Ø 9.5 H7, spiral, cyl.	132,45 €	18
6012-10.00-B	10.00	6012B	Solid carbide short stub reamer sim. DIN 8089	Ø 10 H7, spiral, cyl.	132,45 €	18
6012-11.00-B	11.00	6012B	Solid carbide short stub reamer sim. DIN 8089	Ø 11 H7, spiral, cyl.	168,50 €	18
6012-12.00-B	12.00	6012B	Solid carbide short stub reamer sim. DIN 8089	Ø 12 H7, spiral, cyl.	186,00 €	18
6012-13.00-B	13.00	6012B	Solid carbide short stub reamer sim. DIN 8089	Ø 13 H7, spiral, cyl.	247,15 €	18
6012-14.00-B	14.00	6012B	Solid carbide short stub reamer sim. DIN 8089	Ø 14 H7, spiral, cyl.	278,40 €	18
6012-15.00-B	15.00	6012B	Solid carbide short stub reamer sim. DIN 8089	Ø 15 H7, spiral, cyl.	309,60 €	18
6012-16.00-B	16.00	6012B	Solid carbide short stub reamer sim. DIN 8089	Ø 16 H7, spiral, cyl.	384,50 €	18
6012-17.00-B	17.00	6012B	Solid carbide short stub reamer sim. DIN 8089	Ø 17 H7, spiral, cyl.	424,35 €	18
6012-18.00-B	18.00	6012B	Solid carbide short stub reamer sim. DIN 8089	Ø 18 H7, spiral, cyl.	455,50 €	18
6012-19.00-B	19.00	6012B	Solid carbide short stub reamer sim. DIN 8089	Ø 19 H7, spiral, cyl.	479,25 €	18
6012-20.00-B	20.00	6012B	Solid carbide short stub reamer sim. DIN 8089	Ø 20 H7, spiral, cyl.	549,15 €	18
6013-05.00-A	5.00	6013A	Solid carbide machine reamer sim. DIN 8094A	Ø 5 H7, straight, MT	131,45 €	05
6013-06.00-A	6.00	6013A	Solid carbide machine reamer sim. DIN 8094A	Ø 6 H7, straight, MT	131,45 €	05
6013-07.00-A	7.00	6013A	Solid carbide machine reamer sim. DIN 8094A	Ø 7 H7, straight, MT	157,75 €	05
6013-08.00-A	8.00	6013A	Solid carbide machine reamer sim. DIN 8094A	Ø 8 H7, straight, MT	149,05 €	05
6013-09.00-A	9.00	6013A	Solid carbide machine reamer sim. DIN 8094A	Ø 9 H7, straight, MT	185,30 €	05
6013-10.00-A	10.00	6013A	Solid carbide machine reamer sim. DIN 8094A	Ø 10 H7, straight, MT	173,45 €	05
6013-11.00-A	11.00	6013A	Solid carbide machine reamer sim. DIN 8094A	Ø 11 H7, straight, MT	196,80 €	05
6013-12.00-A	12.00	6013A	Solid carbide machine reamer sim. DIN 8094A	Ø 12 H7, straight, MT	207,85 €	05
6013-13.00-A	13.00	6013A	Solid carbide machine reamer sim. DIN 8094A	Ø 13 H7, straight, MT	228,30 €	05
6013-14.00-A	14.00	6013A	Solid carbide machine reamer sim. DIN 8094A	Ø 14 H7, straight, MT	268,40 €	05



article code	Ø/size	cat.-no.	description 1	description 2	gross 2023	PG
6013-15.00-A	15.00	6013A	Solid carbide machine reamer sim. DIN 8094A	Ø 15 H7, straight, MT	288,85 €	05
6013-16.00-A	16.00	6013A	Solid carbide machine reamer sim. DIN 8094A	Ø 16 H7, straight, MT	313,25 €	05
6013-17.00-A	17.00	6013A	Solid carbide machine reamer sim. DIN 8094A	Ø 17 H7, straight, MT	403,35 €	05
6013-18.00-A	18.00	6013A	Solid carbide machine reamer sim. DIN 8094A	Ø 18 H7, straight, MT	456,10 €	05
6013-19.00-A	19.00	6013A	Solid carbide machine reamer sim. DIN 8094A	Ø 19 H7, straight, MT	539,35 €	05
6013-20.00-A	20.00	6013A	Solid carbide machine reamer sim. DIN 8094A	Ø 20 H7, straight, MT	567,70 €	05
6013-05.00-B	5.00	6013B	Solid carbide machine reamer sim. DIN 8094B	Ø 5 H7, spiral, MT	131,45 €	05
6013-06.00-B	6.00	6013B	Solid carbide machine reamer sim. DIN 8094B	Ø 6 H7, spiral, MT	131,45 €	05
6013-07.00-B	7.00	6013B	Solid carbide machine reamer sim. DIN 8094B	Ø 7 H7, spiral, MT	157,75 €	05
6013-08.00-B	8.00	6013B	Solid carbide machine reamer sim. DIN 8094B	Ø 8 H7, spiral, MT	149,05 €	05
6013-09.00-B	9.00	6013B	Solid carbide machine reamer sim. DIN 8094B	Ø 9 H7, spiral, MT	185,30 €	05
6013-10.00-B	10.00	6013B	Solid carbide machine reamer sim. DIN 8094B	Ø 10 H7, spiral, MT	173,45 €	05
6013-11.00-B	11.00	6013B	Solid carbide machine reamer sim. DIN 8094B	Ø 11 H7, spiral, MT	196,80 €	05
6013-12.00-B	12.00	6013B	Solid carbide machine reamer sim. DIN 8094B	Ø 12 H7, spiral, MT	207,85 €	05
6013-13.00-B	13.00	6013B	Solid carbide machine reamer sim. DIN 8094B	Ø 13 H7, spiral, MT	228,30 €	05
6013-14.00-B	14.00	6013B	Solid carbide machine reamer sim. DIN 8094B	Ø 14 H7, spiral, MT	268,40 €	05
6013-15.00-B	15.00	6013B	Solid carbide machine reamer sim. DIN 8094B	Ø 15 H7, spiral, MT	288,85 €	05
6013-16.00-B	16.00	6013B	Solid carbide machine reamer sim. DIN 8094B	Ø 16 H7, spiral, MT	313,25 €	05
6013-17.00-B	17.00	6013B	Solid carbide machine reamer sim. DIN 8094B	Ø 17 H7, spiral, MT	403,35 €	05
6013-18.00-B	18.00	6013B	Solid carbide machine reamer sim. DIN 8094B	Ø 18 H7, spiral, MT	456,10 €	05
6013-19.00-B	19.00	6013B	Solid carbide machine reamer sim. DIN 8094B	Ø 19 H7, spiral, MT	539,35 €	05
6013-20.00-B	20.00	6013B	Solid carbide machine reamer sim. DIN 8094B	Ø 20 H7, spiral, MT	567,70 €	05
601-05.00-A	5.00	601A	Carbide-tipped machine reamer DIN 8093A, cyl.	Ø 5 H7, straight flutes	80,40 €	03
601-06.00-A	6.00	601A	Carbide-tipped machine reamer DIN 8093A, cyl.	Ø 6 H7, straight flutes	80,40 €	03
601-07.00-A	7.00	601A	Carbide-tipped machine reamer DIN 8093A, cyl.	Ø 7 H7, straight flutes	87,90 €	03
601-08.00-A	8.00	601A	Carbide-tipped machine reamer DIN 8093A, cyl.	Ø 8 H7, straight flutes	81,60 €	03
601-09.00-A	9.00	601A	Carbide-tipped machine reamer DIN 8093A, cyl.	Ø 9 H7, straight flutes	98,00 €	03
601-10.00-A	10.00	601A	Carbide-tipped machine reamer DIN 8093A, cyl.	Ø 10 H7, straight flutes	105,40 €	03
601-11.00-A	11.00	601A	Carbide-tipped machine reamer DIN 8093A, cyl.	Ø 11 H7, straight flutes	131,80 €	03
601-12.00-A	12.00	601A	Carbide-tipped machine reamer DIN 8093A, cyl.	Ø 12 H7, straight flutes	131,80 €	03
601-13.00-A	13.00	601A	Carbide-tipped machine reamer DIN 8093A, cyl.	Ø 13 H7, straight flutes	134,35 €	03
601-14.00-A	14.00	601A	Carbide-tipped machine reamer DIN 8093A, cyl.	Ø 14 H7, straight flutes	146,90 €	03
601-15.00-A	15.00	601A	Carbide-tipped machine reamer DIN 8093A, cyl.	Ø 15 H7, straight flutes	159,40 €	03
601-16.00-A	16.00	601A	Carbide-tipped machine reamer DIN 8093A, cyl.	Ø 16 H7, straight flutes	159,40 €	03
601-17.00-A	17.00	601A	Carbide-tipped machine reamer DIN 8093A, cyl.	Ø 17 H7, straight flutes	204,50 €	03
601-18.00-A	18.00	601A	Carbide-tipped machine reamer DIN 8093A, cyl.	Ø 18 H7, straight flutes	190,80 €	03
601-19.00-A	19.00	601A	Carbide-tipped machine reamer DIN 8093A, cyl.	Ø 19 H7, straight flutes	237,15 €	03
601-20.00-A	20.00	601A	Carbide-tipped machine reamer DIN 8093A, cyl.	Ø 20 H7, straight flutes	214,55 €	03
601-06.00-B	6.00	601B	Carbide-tipped machine reamer DIN 8093B, cyl.	Ø 6 H7, spiral flutes	76,70 €	03
601-07.00-B	7.00	601B	Carbide-tipped machine reamer DIN 8093B, cyl.	Ø 7 H7, spiral flutes	85,40 €	03
601-08.00-B	8.00	601B	Carbide-tipped machine reamer DIN 8093B, cyl.	Ø 8 H7, spiral flutes	79,15 €	03
601-09.00-B	9.00	601B	Carbide-tipped machine reamer DIN 8093B, cyl.	Ø 9 H7, spiral flutes	94,15 €	03
601-10.00-B	10.00	601B	Carbide-tipped machine reamer DIN 8093B, cyl.	Ø 10 H7, spiral flutes	105,40 €	03
601-11.00-B	11.00	601B	Carbide-tipped machine reamer DIN 8093B, cyl.	Ø 11 H7, spiral flutes	131,80 €	03
601-12.00-B	12.00	601B	Carbide-tipped machine reamer DIN 8093B, cyl.	Ø 12 H7, spiral flutes	114,30 €	03
601-13.00-B	13.00	601B	Carbide-tipped machine reamer DIN 8093B, cyl.	Ø 13 H7, spiral flutes	116,70 €	03
601-14.00-B	14.00	601B	Carbide-tipped machine reamer DIN 8093B, cyl.	Ø 14 H7, spiral flutes	125,55 €	03
601-15.00-B	15.00	601B	Carbide-tipped machine reamer DIN 8093B, cyl.	Ø 15 H7, spiral flutes	136,80 €	03
601-16.00-B	16.00	601B	Carbide-tipped machine reamer DIN 8093B, cyl.	Ø 16 H7, spiral flutes	136,80 €	03
601-17.00-B	17.00	601B	Carbide-tipped machine reamer DIN 8093B, cyl.	Ø 17 H7, spiral flutes	175,65 €	03
601-18.00-B	18.00	601B	Carbide-tipped machine reamer DIN 8093B, cyl.	Ø 18 H7, spiral flutes	163,05 €	03
601-19.00-B	19.00	601B	Carbide-tipped machine reamer DIN 8093B, cyl.	Ø 19 H7, spiral flutes	203,30 €	03
601-20.00-B	20.00	601B	Carbide-tipped machine reamer DIN 8093B, cyl.	Ø 20 H7, spiral flutes	184,45 €	03
602-05.00-A	5.00	602A	Carbide-tipped machine reamer DIN 8050A, cyl.	Ø 5 H7, straight flutes	67,55 €	03
602-06.00-A	6.00	602A	Carbide-tipped machine reamer DIN 8050A, cyl.	Ø 6 H7, straight flutes	67,55 €	03
602-07.00-A	7.00	602A	Carbide-tipped machine reamer DIN 8050A, cyl.	Ø 7 H7, straight flutes	67,55 €	03
602-08.00-A	8.00	602A	Carbide-tipped machine reamer DIN 8050A, cyl.	Ø 8 H7, straight flutes	67,55 €	03
602-09.00-A	9.00	602A	Carbide-tipped machine reamer DIN 8050A, cyl.	Ø 9 H7, straight flutes	75,80 €	03
602-10.00-A	10.00	602A	Carbide-tipped machine reamer DIN 8050A, cyl.	Ø 10 H7, straight flutes	83,30 €	03
602-11.00-A	11.00	602A	Carbide-tipped machine reamer DIN 8050A, cyl.	Ø 11 H7, straight flutes	112,95 €	03
602-12.00-A	12.00	602A	Carbide-tipped machine reamer DIN 8050A, cyl.	Ø 12 H7, straight flutes	117,55 €	03
602-13.00-A	13.00	602A	Carbide-tipped machine reamer DIN 8050A, cyl.	Ø 13 H7, straight flutes	123,25 €	03
602-14.00-A	14.00	602A	Carbide-tipped machine reamer DIN 8050A, cyl.	Ø 14 H7, straight flutes	116,60 €	03
602-15.00-A	15.00	602A	Carbide-tipped machine reamer DIN 8050A, cyl.	Ø 15 H7, straight flutes	127,85 €	03
602-16.00-A	16.00	602A	Carbide-tipped machine reamer DIN 8050A, cyl.	Ø 16 H7, straight flutes	136,05 €	03
602-17.00-A	17.00	602A	Carbide-tipped machine reamer DIN 8050A, cyl.	Ø 17 H7, straight flutes	167,45 €	03
602-18.00-A	18.00	602A	Carbide-tipped machine reamer DIN 8050A, cyl.	Ø 18 H7, straight flutes	164,70 €	03
602-19.00-A	19.00	602A	Carbide-tipped machine reamer DIN 8050A, cyl.	Ø 19 H7, straight flutes	176,65 €	03
602-20.00-A	20.00	602A	Carbide-tipped machine reamer DIN 8050A, cyl.	Ø 20 H7, straight flutes	168,40 €	03
602-06.00-B	6.00	602B	Carbide-tipped machine reamer DIN 8050B, cyl.	Ø 6 H7, spiral flutes	70,30 €	03
602-07.00-B	7.00	602B	Carbide-tipped machine reamer DIN 8050B, cyl.	Ø 7 H7, spiral flutes	70,30 €	03
602-08.00-B	8.00	602B	Carbide-tipped machine reamer DIN 8050B, cyl.	Ø 8 H7, spiral flutes	70,30 €	03
602-09.00-B	9.00	602B	Carbide-tipped machine reamer DIN 8050B, cyl.	Ø 9 H7, spiral flutes	78,80 €	03
602-10.00-B	10.00	602B	Carbide-tipped machine reamer DIN 8050B, cyl.	Ø 10 H7, spiral flutes	86,55 €	03



article code	Ø/size	cat.-no.	description 1	description 2	gross 2023	PG
602-11.00-B	11.00	602B	Carbide-tipped machine reamer DIN 8050B, cyl.	Ø 11 H7, spiral flutes	117,30 €	03
602-12.00-B	12.00	602B	Carbide-tipped machine reamer DIN 8050B, cyl.	Ø 12 H7, spiral flutes	122,05 €	03
602-13.00-B	13.00	602B	Carbide-tipped machine reamer DIN 8050B, cyl.	Ø 13 H7, spiral flutes	128,00 €	03
602-14.00-B	14.00	602B	Carbide-tipped machine reamer DIN 8050B, cyl.	Ø 14 H7, spiral flutes	121,10 €	03
602-15.00-B	15.00	602B	Carbide-tipped machine reamer DIN 8050B, cyl.	Ø 15 H7, spiral flutes	132,75 €	03
602-16.00-B	16.00	602B	Carbide-tipped machine reamer DIN 8050B, cyl.	Ø 16 H7, spiral flutes	141,15 €	03
602-17.00-B	17.00	602B	Carbide-tipped machine reamer DIN 8050B, cyl.	Ø 17 H7, spiral flutes	173,95 €	03
602-18.00-B	18.00	602B	Carbide-tipped machine reamer DIN 8050B, cyl.	Ø 18 H7, spiral flutes	171,05 €	03
602-19.00-B	19.00	602B	Carbide-tipped machine reamer DIN 8050B, cyl.	Ø 19 H7, spiral flutes	183,55 €	03
602-20.00-B	20.00	602B	Carbide-tipped machine reamer DIN 8050B, cyl.	Ø 20 H7, spiral flutes	174,90 €	03
603-05.00-A	5.00	603A	Carbide-tipped machine reamer DIN 8094A, MT	Ø 5 H7, straight flutes	94,50 €	03
603-06.00-A	6.00	603A	Carbide-tipped machine reamer DIN 8094A, MT	Ø 6 H7, straight flutes	94,50 €	03
603-07.00-A	7.00	603A	Carbide-tipped machine reamer DIN 8094A, MT	Ø 7 H7, straight flutes	110,55 €	03
603-08.00-A	8.00	603A	Carbide-tipped machine reamer DIN 8094A, MT	Ø 8 H7, straight flutes	94,50 €	03
603-09.00-A	9.00	603A	Carbide-tipped machine reamer DIN 8094A, MT	Ø 9 H7, straight flutes	101,90 €	03
603-10.00-A	10.00	603A	Carbide-tipped machine reamer DIN 8094A, MT	Ø 10 H7, straight flutes	101,90 €	03
603-11.00-A	11.00	603A	Carbide-tipped machine reamer DIN 8094A, MT	Ø 11 H7, straight flutes	108,80 €	03
603-12.00-A	12.00	603A	Carbide-tipped machine reamer DIN 8094A, MT	Ø 12 H7, straight flutes	103,00 €	03
603-13.00-A	13.00	603A	Carbide-tipped machine reamer DIN 8094A, MT	Ø 13 H7, straight flutes	108,80 €	03
603-14.00-A	14.00	603A	Carbide-tipped machine reamer DIN 8094A, MT	Ø 14 H7, straight flutes	119,25 €	03
603-15.00-A	15.00	603A	Carbide-tipped machine reamer DIN 8094A, MT	Ø 15 H7, straight flutes	131,95 €	03
603-16.00-A	16.00	603A	Carbide-tipped machine reamer DIN 8094A, MT	Ø 16 H7, straight flutes	137,70 €	03
603-17.00-A	17.00	603A	Carbide-tipped machine reamer DIN 8094A, MT	Ø 17 H7, straight flutes	148,90 €	03
603-18.00-A	18.00	603A	Carbide-tipped machine reamer DIN 8094A, MT	Ø 18 H7, straight flutes	140,75 €	03
603-19.00-A	19.00	603A	Carbide-tipped machine reamer DIN 8094A, MT	Ø 19 H7, straight flutes	167,45 €	03
603-20.00-A	20.00	603A	Carbide-tipped machine reamer DIN 8094A, MT	Ø 20 H7, straight flutes	160,45 €	03
603-21.00-A	21.00	603A	Carbide-tipped machine reamer DIN 8094A, MT	Ø 21 H7, straight flutes	183,40 €	03
603-22.00-A	22.00	603A	Carbide-tipped machine reamer DIN 8094A, MT	Ø 22 H7, straight flutes	183,40 €	03
603-23.00-A	23.00	603A	Carbide-tipped machine reamer DIN 8094A, MT	Ø 23 H7, straight flutes	226,75 €	03
603-24.00-A	24.00	603A	Carbide-tipped machine reamer DIN 8094A, MT	Ø 24 H7, straight flutes	238,70 €	03
603-25.00-A	25.00	603A	Carbide-tipped machine reamer DIN 8094A, MT	Ø 25 H7, straight flutes	226,75 €	03
603-26.00-A	26.00	603A	Carbide-tipped machine reamer DIN 8094A, MT	Ø 26 H7, straight flutes	250,30 €	03
603-27.00-A	27.00	603A	Carbide-tipped machine reamer DIN 8094A, MT	Ø 27 H7, straight flutes	309,00 €	03
603-28.00-A	28.00	603A	Carbide-tipped machine reamer DIN 8094A, MT	Ø 28 H7, straight flutes	293,50 €	03
603-29.00-A	29.00	603A	Carbide-tipped machine reamer DIN 8094A, MT	Ø 29 H7, straight flutes	311,65 €	03
603-30.00-A	30.00	603A	Carbide-tipped machine reamer DIN 8094A, MT	Ø 30 H7, straight flutes	296,00 €	03
603-31.00-A	31.00	603A	Carbide-tipped machine reamer DIN 8094A, MT	Ø 31 H7, straight flutes	355,95 €	03
603-32.00-A	32.00	603A	Carbide-tipped machine reamer DIN 8094A, MT	Ø 32 H7, straight flutes	338,15 €	03
603-34.00-A	34.00	603A	Carbide-tipped machine reamer DIN 8094A, MT	Ø 34 H7, straight flutes	391,50 €	03
603-35.00-A	35.00	603A	Carbide-tipped machine reamer DIN 8094A, MT	Ø 35 H7, straight flutes	391,50 €	03
603-36.00-A	36.00	603A	Carbide-tipped machine reamer DIN 8094A, MT	Ø 36 H7, straight flutes	437,25 €	03
603-38.00-A	38.00	603A	Carbide-tipped machine reamer DIN 8094A, MT	Ø 38 H7, straight flutes	437,25 €	03
603-40.00-A	40.00	603A	Carbide-tipped machine reamer DIN 8094A, MT	Ø 40 H7, straight flutes	456,75 €	03
603-06.00-B	6.00	603B	Carbide-tipped machine reamer DIN 8094B, MT	Ø 6 H7, spiral flutes	97,95 €	03
603-07.00-B	7.00	603B	Carbide-tipped machine reamer DIN 8094B, MT	Ø 7 H7, spiral flutes	117,45 €	03
603-08.00-B	8.00	603B	Carbide-tipped machine reamer DIN 8094B, MT	Ø 8 H7, spiral flutes	107,20 €	03
603-09.00-B	9.00	603B	Carbide-tipped machine reamer DIN 8094B, MT	Ø 9 H7, spiral flutes	110,00 €	03
603-10.00-B	10.00	603B	Carbide-tipped machine reamer DIN 8094B, MT	Ø 10 H7, spiral flutes	102,75 €	03
603-11.00-B	11.00	603B	Carbide-tipped machine reamer DIN 8094B, MT	Ø 11 H7, spiral flutes	114,55 €	03
603-12.00-B	12.00	603B	Carbide-tipped machine reamer DIN 8094B, MT	Ø 12 H7, spiral flutes	104,95 €	03
603-13.00-B	13.00	603B	Carbide-tipped machine reamer DIN 8094B, MT	Ø 13 H7, spiral flutes	111,45 €	03
603-14.00-B	14.00	603B	Carbide-tipped machine reamer DIN 8094B, MT	Ø 14 H7, spiral flutes	121,35 €	03
603-15.00-B	15.00	603B	Carbide-tipped machine reamer DIN 8094B, MT	Ø 15 H7, spiral flutes	133,30 €	03
603-16.00-B	16.00	603B	Carbide-tipped machine reamer DIN 8094B, MT	Ø 16 H7, spiral flutes	137,70 €	03
603-17.00-B	17.00	603B	Carbide-tipped machine reamer DIN 8094B, MT	Ø 17 H7, spiral flutes	149,45 €	03
603-18.00-B	18.00	603B	Carbide-tipped machine reamer DIN 8094B, MT	Ø 18 H7, spiral flutes	140,65 €	03
603-19.00-B	19.00	603B	Carbide-tipped machine reamer DIN 8094B, MT	Ø 19 H7, spiral flutes	168,05 €	03
603-20.00-B	20.00	603B	Carbide-tipped machine reamer DIN 8094B, MT	Ø 20 H7, spiral flutes	159,15 €	03
603-21.00-B	21.00	603B	Carbide-tipped machine reamer DIN 8094B, MT	Ø 21 H7, spiral flutes	213,00 €	03
603-22.00-B	22.00	603B	Carbide-tipped machine reamer DIN 8094B, MT	Ø 22 H7, spiral flutes	179,45 €	03
603-23.00-B	23.00	603B	Carbide-tipped machine reamer DIN 8094B, MT	Ø 23 H7, spiral flutes	234,90 €	03
603-24.00-B	24.00	603B	Carbide-tipped machine reamer DIN 8094B, MT	Ø 24 H7, spiral flutes	234,90 €	03
603-25.00-B	25.00	603B	Carbide-tipped machine reamer DIN 8094B, MT	Ø 25 H7, spiral flutes	234,90 €	03
603-26.00-B	26.00	603B	Carbide-tipped machine reamer DIN 8094B, MT	Ø 26 H7, spiral flutes	244,10 €	03
603-27.00-B	27.00	603B	Carbide-tipped machine reamer DIN 8094B, MT	Ø 27 H7, spiral flutes	304,65 €	03
603-28.00-B	28.00	603B	Carbide-tipped machine reamer DIN 8094B, MT	Ø 28 H7, spiral flutes	304,65 €	03
603-29.00-B	29.00	603B	Carbide-tipped machine reamer DIN 8094B, MT	Ø 29 H7, spiral flutes	325,05 €	03
603-30.00-B	30.00	603B	Carbide-tipped machine reamer DIN 8094B, MT	Ø 30 H7, spiral flutes	288,90 €	03
603-31.00-B	31.00	603B	Carbide-tipped machine reamer DIN 8094B, MT	Ø 31 H7, spiral flutes	370,80 €	03
603-32.00-B	32.00	603B	Carbide-tipped machine reamer DIN 8094B, MT	Ø 32 H7, spiral flutes	329,65 €	03
603-34.00-B	34.00	603B	Carbide-tipped machine reamer DIN 8094B, MT	Ø 34 H7, spiral flutes	381,70 €	03
603-35.00-B	35.00	603B	Carbide-tipped machine reamer DIN 8094B, MT	Ø 35 H7, spiral flutes	391,25 €	03
603-36.00-B	36.00	603B	Carbide-tipped machine reamer DIN 8094B, MT	Ø 36 H7, spiral flutes	426,65 €	03
603-38.00-B	38.00	603B	Carbide-tipped machine reamer DIN 8094B, MT	Ø 38 H7, spiral flutes	426,65 €	03

article code	Ø/size	cat.-no.	description 1	description 2	gross 2023	PG
603-40.00-B	40.00	603B	Carbide-tipped machine reamer DIN 8094B, MT	Ø 40 H7, spiral flutes	441,15 €	03
604-05.00-A	5.00	604A	Carbide-tipped machine reamer DIN 8051A, MT	Ø 5 H7, straight flutes	112,50 €	03
604-06.00-A	6.00	604A	Carbide-tipped machine reamer DIN 8051A, MT	Ø 6 H7, straight flutes	111,15 €	03
604-07.00-A	7.00	604A	Carbide-tipped machine reamer DIN 8051A, MT	Ø 7 H7, straight flutes	113,80 €	03
604-08.00-A	8.00	604A	Carbide-tipped machine reamer DIN 8051A, MT	Ø 8 H7, straight flutes	107,25 €	03
604-09.00-A	9.00	604A	Carbide-tipped machine reamer DIN 8051A, MT	Ø 9 H7, straight flutes	113,80 €	03
604-10.00-A	10.00	604A	Carbide-tipped machine reamer DIN 8051A, MT	Ø 10 H7, straight flutes	95,75 €	03
604-11.00-A	11.00	604A	Carbide-tipped machine reamer DIN 8051A, MT	Ø 11 H7, straight flutes	130,60 €	03
604-12.00-A	12.00	604A	Carbide-tipped machine reamer DIN 8051A, MT	Ø 12 H7, straight flutes	113,80 €	03
604-13.00-A	13.00	604A	Carbide-tipped machine reamer DIN 8051A, MT	Ø 13 H7, straight flutes	122,75 €	03
604-14.00-A	14.00	604A	Carbide-tipped machine reamer DIN 8051A, MT	Ø 14 H7, straight flutes	125,35 €	03
604-15.00-A	15.00	604A	Carbide-tipped machine reamer DIN 8051A, MT	Ø 15 H7, straight flutes	139,60 €	03
604-16.00-A	16.00	604A	Carbide-tipped machine reamer DIN 8051A, MT	Ø 16 H7, straight flutes	118,90 €	03
604-17.00-A	17.00	604A	Carbide-tipped machine reamer DIN 8051A, MT	Ø 17 H7, straight flutes	131,85 €	03
604-18.00-A	18.00	604A	Carbide-tipped machine reamer DIN 8051A, MT	Ø 18 H7, straight flutes	126,65 €	03
604-19.00-A	19.00	604A	Carbide-tipped machine reamer DIN 8051A, MT	Ø 19 H7, straight flutes	134,45 €	03
604-20.00-A	20.00	604A	Carbide-tipped machine reamer DIN 8051A, MT	Ø 20 H7, straight flutes	129,15 €	03
604-21.00-A	21.00	604A	Carbide-tipped machine reamer DIN 8051A, MT	Ø 21 H7, straight flutes	140,85 €	03
604-22.00-A	22.00	604A	Carbide-tipped machine reamer DIN 8051A, MT	Ø 22 H7, straight flutes	140,85 €	03
604-23.00-A	23.00	604A	Carbide-tipped machine reamer DIN 8051A, MT	Ø 23 H7, straight flutes	175,70 €	03
604-24.00-A	24.00	604A	Carbide-tipped machine reamer DIN 8051A, MT	Ø 24 H7, straight flutes	182,20 €	03
604-25.00-A	25.00	604A	Carbide-tipped machine reamer DIN 8051A, MT	Ø 25 H7, straight flutes	182,20 €	03
604-26.00-A	26.00	604A	Carbide-tipped machine reamer DIN 8051A, MT	Ø 26 H7, straight flutes	197,60 €	03
604-27.00-A	27.00	604A	Carbide-tipped machine reamer DIN 8051A, MT	Ø 27 H7, straight flutes	233,80 €	03
604-28.00-A	28.00	604A	Carbide-tipped machine reamer DIN 8051A, MT	Ø 28 H7, straight flutes	224,80 €	03
604-29.00-A	29.00	604A	Carbide-tipped machine reamer DIN 8051A, MT	Ø 29 H7, straight flutes	233,80 €	03
604-30.00-A	30.00	604A	Carbide-tipped machine reamer DIN 8051A, MT	Ø 30 H7, straight flutes	233,80 €	03
604-31.00-A	31.00	604A	Carbide-tipped machine reamer DIN 8051A, MT	Ø 31 H7, straight flutes	255,70 €	03
604-32.00-A	32.00	604A	Carbide-tipped machine reamer DIN 8051A, MT	Ø 32 H7, straight flutes	255,70 €	03
604-34.00-A	34.00	604A	Carbide-tipped machine reamer DIN 8051A, MT	Ø 34 H7, straight flutes	303,50 €	03
604-35.00-A	35.00	604A	Carbide-tipped machine reamer DIN 8051A, MT	Ø 35 H7, straight flutes	303,50 €	03
604-36.00-A	36.00	604A	Carbide-tipped machine reamer DIN 8051A, MT	Ø 36 H7, straight flutes	333,15 €	03
604-38.00-A	38.00	604A	Carbide-tipped machine reamer DIN 8051A, MT	Ø 38 H7, straight flutes	333,15 €	03
604-40.00-A	40.00	604A	Carbide-tipped machine reamer DIN 8051A, MT	Ø 40 H7, straight flutes	351,25 €	03
604-06.00-B	6.00	604B	Carbide-tipped machine reamer DIN 8051B, MT	Ø 6 H7, spiral flutes	111,15 €	03
604-07.00-B	7.00	604B	Carbide-tipped machine reamer DIN 8051B, MT	Ø 7 H7, spiral flutes	116,30 €	03
604-08.00-B	8.00	604B	Carbide-tipped machine reamer DIN 8051B, MT	Ø 8 H7, spiral flutes	107,25 €	03
604-09.00-B	9.00	604B	Carbide-tipped machine reamer DIN 8051B, MT	Ø 9 H7, spiral flutes	115,00 €	03
604-10.00-B	10.00	604B	Carbide-tipped machine reamer DIN 8051B, MT	Ø 10 H7, spiral flutes	113,80 €	03
604-11.00-B	11.00	604B	Carbide-tipped machine reamer DIN 8051B, MT	Ø 11 H7, spiral flutes	111,15 €	03
604-12.00-B	12.00	604B	Carbide-tipped machine reamer DIN 8051B, MT	Ø 12 H7, spiral flutes	113,80 €	03
604-13.00-B	13.00	604B	Carbide-tipped machine reamer DIN 8051B, MT	Ø 13 H7, spiral flutes	107,25 €	03
604-14.00-B	14.00	604B	Carbide-tipped machine reamer DIN 8051B, MT	Ø 14 H7, spiral flutes	125,35 €	03
604-15.00-B	15.00	604B	Carbide-tipped machine reamer DIN 8051B, MT	Ø 15 H7, spiral flutes	121,55 €	03
604-16.00-B	16.00	604B	Carbide-tipped machine reamer DIN 8051B, MT	Ø 16 H7, spiral flutes	118,90 €	03
604-17.00-B	17.00	604B	Carbide-tipped machine reamer DIN 8051B, MT	Ø 17 H7, spiral flutes	132,30 €	03
604-18.00-B	18.00	604B	Carbide-tipped machine reamer DIN 8051B, MT	Ø 18 H7, spiral flutes	126,65 €	03
604-19.00-B	19.00	604B	Carbide-tipped machine reamer DIN 8051B, MT	Ø 19 H7, spiral flutes	131,85 €	03
604-20.00-B	20.00	604B	Carbide-tipped machine reamer DIN 8051B, MT	Ø 20 H7, spiral flutes	129,15 €	03
604-21.00-B	21.00	604B	Carbide-tipped machine reamer DIN 8051B, MT	Ø 21 H7, spiral flutes	140,85 €	03
604-22.00-B	22.00	604B	Carbide-tipped machine reamer DIN 8051B, MT	Ø 22 H7, spiral flutes	140,85 €	03
604-23.00-B	23.00	604B	Carbide-tipped machine reamer DIN 8051B, MT	Ø 23 H7, spiral flutes	175,70 €	03
604-24.00-B	24.00	604B	Carbide-tipped machine reamer DIN 8051B, MT	Ø 24 H7, spiral flutes	182,20 €	03
604-25.00-B	25.00	604B	Carbide-tipped machine reamer DIN 8051B, MT	Ø 25 H7, spiral flutes	182,20 €	03
604-26.00-B	26.00	604B	Carbide-tipped machine reamer DIN 8051B, MT	Ø 26 H7, spiral flutes	197,60 €	03
604-27.00-B	27.00	604B	Carbide-tipped machine reamer DIN 8051B, MT	Ø 27 H7, spiral flutes	233,80 €	03
604-28.00-B	28.00	604B	Carbide-tipped machine reamer DIN 8051B, MT	Ø 28 H7, spiral flutes	224,80 €	03
604-29.00-B	29.00	604B	Carbide-tipped machine reamer DIN 8051B, MT	Ø 29 H7, spiral flutes	233,80 €	03
604-30.00-B	30.00	604B	Carbide-tipped machine reamer DIN 8051B, MT	Ø 30 H7, spiral flutes	233,80 €	03
604-31.00-B	31.00	604B	Carbide-tipped machine reamer DIN 8051B, MT	Ø 31 H7, spiral flutes	255,70 €	03
604-32.00-B	32.00	604B	Carbide-tipped machine reamer DIN 8051B, MT	Ø 32 H7, spiral flutes	255,70 €	03
604-34.00-B	34.00	604B	Carbide-tipped machine reamer DIN 8051B, MT	Ø 34 H7, spiral flutes	303,50 €	03
604-35.00-B	35.00	604B	Carbide-tipped machine reamer DIN 8051B, MT	Ø 35 H7, spiral flutes	303,50 €	03
604-36.00-B	36.00	604B	Carbide-tipped machine reamer DIN 8051B, MT	Ø 36 H7, spiral flutes	333,15 €	03
604-38.00-B	38.00	604B	Carbide-tipped machine reamer DIN 8051B, MT	Ø 38 H7, spiral flutes	333,15 €	03
604-40.00-B	40.00	604B	Carbide-tipped machine reamer DIN 8051B, MT	Ø 40 H7, spiral flutes	351,25 €	03
6050-01.50-B	1.50	6050	Solid carbide taper reamer 1:50 sim. to DIN 9	nom.-Ø 1.5mm, spiral	196,80 €	05
6050-02.00-B	2.00	6050	Solid carbide taper reamer 1:50 sim. to DIN 9	nom.-Ø 2mm, spiral	201,70 €	05
6050-03.00-B	3.00	6050	Solid carbide taper reamer 1:50 sim. to DIN 9	nom.-Ø 3mm, spiral	237,25 €	05
6050-04.00-B	4.00	6050	Solid carbide taper reamer 1:50 sim. to DIN 9	nom.-Ø 4mm, spiral	258,60 €	05
6050-05.00-B	5.00	6050	Solid carbide taper reamer 1:50 sim. to DIN 9	nom.-Ø 5mm, spiral	300,75 €	05
6050-06.00-B	6.00	6050	Solid carbide taper reamer 1:50 sim. to DIN 9	nom.-Ø 6mm, spiral	405,45 €	05
6050-08.00-B	8.00	6050	Solid carbide taper reamer 1:50 sim. to DIN 9	nom.-Ø 8mm, spiral	505,10 €	05
606-30.00	30.00	606	Carbide-tipped shell reamer DIN 8054	Ø 30 H7, straight flutes	189,95 €	03



article code	Ø/size	cat.-no.	description 1	description 2	gross 2023	PG
606-31.00	31.00	606	Carbide-tipped shell reamer DIN 8054	Ø 31 H7, straight flutes	219,30 €	03
606-32.00	32.00	606	Carbide-tipped shell reamer DIN 8054	Ø 32 H7, straight flutes	219,30 €	03
606-33.00	33.00	606	Carbide-tipped shell reamer DIN 8054	Ø 33 H7, straight flutes	219,30 €	03
606-34.00	34.00	606	Carbide-tipped shell reamer DIN 8054	Ø 34 H7, straight flutes	219,30 €	03
606-35.00	35.00	606	Carbide-tipped shell reamer DIN 8054	Ø 35 H7, straight flutes	219,30 €	03
606-36.00	36.00	606	Carbide-tipped shell reamer DIN 8054	Ø 36 H7, straight flutes	241,45 €	03
606-37.00	37.00	606	Carbide-tipped shell reamer DIN 8054	Ø 37 H7, straight flutes	244,05 €	03
606-38.00	38.00	606	Carbide-tipped shell reamer DIN 8054	Ø 38 H7, straight flutes	241,45 €	03
606-39.00	39.00	606	Carbide-tipped shell reamer DIN 8054	Ø 39 H7, straight flutes	241,45 €	03
606-40.00	40.00	606	Carbide-tipped shell reamer DIN 8054	Ø 40 H7, straight flutes	222,40 €	03
606-41.00	41.00	606	Carbide-tipped shell reamer DIN 8054	Ø 41 H7, straight flutes	222,40 €	03
606-42.00	42.00	606	Carbide-tipped shell reamer DIN 8054	Ø 42 H7, straight flutes	222,40 €	03
606-43.00	43.00	606	Carbide-tipped shell reamer DIN 8054	Ø 43 H7, straight flutes	255,50 €	03
606-44.00	44.00	606	Carbide-tipped shell reamer DIN 8054	Ø 44 H7, straight flutes	255,50 €	03
606-45.00	45.00	606	Carbide-tipped shell reamer DIN 8054	Ø 45 H7, straight flutes	255,50 €	03
606-46.00	46.00	606	Carbide-tipped shell reamer DIN 8054	Ø 46 H7, straight flutes	255,50 €	03
606-47.00	47.00	606	Carbide-tipped shell reamer DIN 8054	Ø 47 H7, straight flutes	255,50 €	03
606-48.00	48.00	606	Carbide-tipped shell reamer DIN 8054	Ø 48 H7, straight flutes	255,50 €	03
606-49.00	49.00	606	Carbide-tipped shell reamer DIN 8054	Ø 49 H7, straight flutes	255,50 €	03
606-50.00	50.00	606	Carbide-tipped shell reamer DIN 8054	Ø 50 H7, straight flutes	255,50 €	03
606-52.00	52.00	606	Carbide-tipped shell reamer DIN 8054	Ø 52 H7, straight flutes	281,65 €	03
606-54.00	54.00	606	Carbide-tipped shell reamer DIN 8054	Ø 54 H7, straight flutes	281,65 €	03
606-55.00	55.00	606	Carbide-tipped shell reamer DIN 8054	Ø 55 H7, straight flutes	281,65 €	03
606-58.00	58.00	606	Carbide-tipped shell reamer DIN 8054	Ø 58 H7, straight flutes	351,35 €	03
606-60.00	60.00	606	Carbide-tipped shell reamer DIN 8054	Ø 60 H7, straight flutes	351,35 €	03
606-62.00	62.00	606	Carbide-tipped shell reamer DIN 8054	Ø 62 H7, straight flutes	427,85 €	03
606-65.00	65.00	606	Carbide-tipped shell reamer DIN 8054	Ø 65 H7, straight flutes	427,85 €	03
606-68.00	68.00	606	Carbide-tipped shell reamer DIN 8054	Ø 68 H7, straight flutes	427,85 €	03
606-70.00	70.00	606	Carbide-tipped shell reamer DIN 8054	Ø 70 H7, straight flutes	427,85 €	03
606-72.00	72.00	606	Carbide-tipped shell reamer DIN 8054	Ø 72 H7, straight flutes	470,05 €	03
606-75.00	75.00	606	Carbide-tipped shell reamer DIN 8054	Ø 75 H7, straight flutes	470,05 €	03
607-10.00	10.00	607	Carbide-tipped core drill DIN 8043	Ø 10.0 h8, 3 flutes	169,40 €	03
607-11.00	11.00	607	Carbide-tipped core drill DIN 8043	Ø 11.0 h8, 3 flutes	169,40 €	03
607-12.00	12.00	607	Carbide-tipped core drill DIN 8043	Ø 12.0 h8, 3 flutes	169,40 €	03
607-13.00	13.00	607	Carbide-tipped core drill DIN 8043	Ø 13.0 h8, 3 flutes	173,35 €	03
607-14.00	14.00	607	Carbide-tipped core drill DIN 8043	Ø 14.0 h8, 3 flutes	173,35 €	03
607-15.00	15.00	607	Carbide-tipped core drill DIN 8043	Ø 15.0 h8, 3 flutes	192,40 €	03
607-16.00	16.00	607	Carbide-tipped core drill DIN 8043	Ø 16.0 h8, 3 flutes	194,35 €	03
607-17.00	17.00	607	Carbide-tipped core drill DIN 8043	Ø 17.0 h8, 3 flutes	194,35 €	03
607-18.00	18.00	607	Carbide-tipped core drill DIN 8043	Ø 18.0 h8, 3 flutes	217,40 €	03
607-19.00	19.00	607	Carbide-tipped core drill DIN 8043	Ø 19.0 h8, 3 flutes	225,20 €	03
607-20.00	20.00	607	Carbide-tipped core drill DIN 8043	Ø 20.0 h8, 3 flutes	225,20 €	03
607-21.00	21.00	607	Carbide-tipped core drill DIN 8043	Ø 21.0 h8, 3 flutes	242,50 €	03
607-22.00	22.00	607	Carbide-tipped core drill DIN 8043	Ø 22.0 h8, 3 flutes	242,50 €	03
607-23.00	23.00	607	Carbide-tipped core drill DIN 8043	Ø 23.0 h8, 3 flutes	259,70 €	03
607-24.00	24.00	607	Carbide-tipped core drill DIN 8043	Ø 24.0 h8, 3 flutes	263,70 €	03
607-25.00	25.00	607	Carbide-tipped core drill DIN 8043	Ø 25.0 h8, 3 flutes	269,35 €	03
607-26.00	26.00	607	Carbide-tipped core drill DIN 8043	Ø 26.0 h8, 3 flutes	277,20 €	03
607-27.00	27.00	607	Carbide-tipped core drill DIN 8043	Ø 27.0 h8, 3 flutes	350,05 €	03
607-28.00	28.00	607	Carbide-tipped core drill DIN 8043	Ø 28.0 h8, 3 flutes	356,70 €	03
607-29.00	29.00	607	Carbide-tipped core drill DIN 8043	Ø 29.0 h8, 3 flutes	365,55 €	03
607-30.00	30.00	607	Carbide-tipped core drill DIN 8043	Ø 30.0 h8, 3 flutes	371,30 €	03
607-31.00	31.00	607	Carbide-tipped core drill DIN 8043	Ø 31.0 h8, 3 flutes	385,65 €	03
607-32.00	32.00	607	Carbide-tipped core drill DIN 8043	Ø 32.0 h8, 3 flutes	400,05 €	03
607-33.00	33.00	607	Carbide-tipped core drill DIN 8043	Ø 33.0 h8, 3 flutes	498,20 €	03
607-34.00	34.00	607	Carbide-tipped core drill DIN 8043	Ø 34.0 h8, 3 flutes	451,10 €	03
607-35.00	35.00	607	Carbide-tipped core drill DIN 8043	Ø 35.0 h8, 3 flutes	468,30 €	03
607-36.00	36.00	607	Carbide-tipped core drill DIN 8043	Ø 36.0 h8, 3 flutes	524,90 €	03
607-37.00	37.00	607	Carbide-tipped core drill DIN 8043	Ø 37.0 h8, 3 flutes	569,20 €	03
607-38.00	38.00	607	Carbide-tipped core drill DIN 8043	Ø 38.0 h8, 3 flutes	653,80 €	03
607-39.00	39.00	607	Carbide-tipped core drill DIN 8043	Ø 39.0 h8, 3 flutes	653,80 €	03
607-40.00	40.00	607	Carbide-tipped core drill DIN 8043	Ø 40.0 h8, 3 flutes	653,80 €	03
608-30.00	30.00	608	Carbide-tipped core drill DIN 8022	Ø 30.0 h8	296,30 €	03
608-31.00	31.00	608	Carbide-tipped core drill DIN 8022	Ø 31.0 h8	296,30 €	03
608-32.00	32.00	608	Carbide-tipped core drill DIN 8022	Ø 32.0 h8	296,30 €	03
608-33.00	33.00	608	Carbide-tipped core drill DIN 8022	Ø 33.0 h8	434,60 €	03
608-34.00	34.00	608	Carbide-tipped core drill DIN 8022	Ø 34.0 h8	374,25 €	03
608-35.00	35.00	608	Carbide-tipped core drill DIN 8022	Ø 35.0 h8	382,95 €	03
608-36.00	36.00	608	Carbide-tipped core drill DIN 8022	Ø 36.0 h8	559,55 €	03
608-37.00	37.00	608	Carbide-tipped core drill DIN 8022	Ø 37.0 h8	590,35 €	03
608-38.00	38.00	608	Carbide-tipped core drill DIN 8022	Ø 38.0 h8	398,20 €	03
608-40.00	40.00	608	Carbide-tipped core drill DIN 8022	Ø 40.0 h8	398,20 €	03
608-42.00	42.00	608	Carbide-tipped core drill DIN 8022	Ø 42.0 h8	398,20 €	03
608-44.00	44.00	608	Carbide-tipped core drill DIN 8022	Ø 44.0 h8	398,20 €	03



article code	Ø/size	cat.-no.	description 1	description 2	gross 2023	PG
608-45.00	45.00	608	Carbide-tipped core drill DIN 8022	Ø 45.0 h8	398,20 €	03
608-46.00	46.00	608	Carbide-tipped core drill DIN 8022	Ø 46.0 h8	644,15 €	03
608-47.00	47.00	608	Carbide-tipped core drill DIN 8022	Ø 47.0 h8	479,15 €	03
608-48.00	48.00	608	Carbide-tipped core drill DIN 8022	Ø 48.0 h8	479,15 €	03
608-50.00	50.00	608	Carbide-tipped core drill DIN 8022	Ø 50.0 h8	479,15 €	03
608-52.00	52.00	608	Carbide-tipped core drill DIN 8022	Ø 52.0 h8	479,15 €	03
608-54.00	54.00	608	Carbide-tipped core drill DIN 8022	Ø 54.0 h8	653,80 €	03
608-55.00	55.00	608	Carbide-tipped core drill DIN 8022	Ø 55.0 h8	653,80 €	03
608-58.00	58.00	608	Carbide-tipped core drill DIN 8022	Ø 58.0 h8	653,80 €	03
608-60.00	60.00	608	Carbide-tipped core drill DIN 8022	Ø 60.0 h8	717,20 €	03
608-62.00	62.00	608	Carbide-tipped core drill DIN 8022	Ø 62.0 h8	717,20 €	03
608-65.00	65.00	608	Carbide-tipped core drill DIN 8022	Ø 65.0 h8	738,65 €	03
608-68.00	68.00	608	Carbide-tipped core drill DIN 8022	Ø 68.0 h8	801,95 €	03
608-70.00	70.00	608	Carbide-tipped core drill DIN 8022	Ø 70.0 h8	801,95 €	03
608-72.00	72.00	608	Carbide-tipped core drill DIN 8022	Ø 72.0 h8	801,95 €	03
608-75.00	75.00	608	Carbide-tipped core drill DIN 8022	Ø 75.0 h8	801,95 €	03
609-08.00	8.00	609	Carbide-tipped expandable machine reamer, MT	Ø 8.0 H7, straight, MT	171,00 €	04
609-09.00	9.00	609	Carbide-tipped expandable machine reamer, MT	Ø 9.0 H7, straight, MT	182,00 €	04
609-10.00	10.00	609	Carbide-tipped expandable machine reamer, MT	Ø 10.0 H7, straight, MT	179,70 €	04
609-11.00	11.00	609	Carbide-tipped expandable machine reamer, MT	Ø 11.0 H7, straight, MT	195,60 €	04
609-12.00	12.00	609	Carbide-tipped expandable machine reamer, MT	Ø 12.0 H7, straight, MT	179,70 €	04
609-13.00	13.00	609	Carbide-tipped expandable machine reamer, MT	Ø 13.0 H7, straight, MT	226,10 €	04
609-14.00	14.00	609	Carbide-tipped expandable machine reamer, MT	Ø 14.0 H7, straight, MT	215,20 €	04
609-15.00	15.00	609	Carbide-tipped expandable machine reamer, MT	Ø 15.0 H7, straight, MT	254,50 €	04
609-16.00	16.00	609	Carbide-tipped expandable machine reamer, MT	Ø 16.0 H7, straight, MT	261,00 €	04
609-17.00	17.00	609	Carbide-tipped expandable machine reamer, MT	Ø 17.0 H7, straight, MT	276,60 €	04
609-18.00	18.00	609	Carbide-tipped expandable machine reamer, MT	Ø 18.0 H7, straight, MT	267,80 €	04
609-19.00	19.00	609	Carbide-tipped expandable machine reamer, MT	Ø 19.0 H7, straight, MT	283,10 €	04
609-20.00	20.00	609	Carbide-tipped expandable machine reamer, MT	Ø 20.0 H7, straight, MT	270,00 €	04
609-21.00	21.00	609	Carbide-tipped expandable machine reamer, MT	Ø 21.0 H7, straight, MT	330,70 €	04
609-22.00	22.00	609	Carbide-tipped expandable machine reamer, MT	Ø 22.0 H7, straight, MT	285,10 €	04
609-23.00	23.00	609	Carbide-tipped expandable machine reamer, MT	Ø 23.0 H7, straight, MT	394,40 €	04
609-24.00	24.00	609	Carbide-tipped expandable machine reamer, MT	Ø 24.0 H7, straight, MT	346,80 €	04
609-25.00	25.00	609	Carbide-tipped expandable machine reamer, MT	Ø 25.0 H7, straight, MT	346,80 €	04
609-26.00	26.00	609	Carbide-tipped expandable machine reamer, MT	Ø 26.0 H7, straight, MT	388,30 €	04
609-27.00	27.00	609	Carbide-tipped expandable machine reamer, MT	Ø 27.0 H7, straight, MT	455,80 €	04
609-28.00	28.00	609	Carbide-tipped expandable machine reamer, MT	Ø 28.0 H7, straight, MT	408,30 €	04
609-30.00	30.00	609	Carbide-tipped expandable machine reamer, MT	Ø 30.0 H7, straight, MT	421,10 €	04
609-32.00	32.00	609	Carbide-tipped expandable machine reamer, MT	Ø 32.0 H7, straight, MT	482,50 €	04
609-34.00	34.00	609	Carbide-tipped expandable machine reamer, MT	Ø 34.0 H7, straight, MT	579,50 €	04
609-35.00	35.00	609	Carbide-tipped expandable machine reamer, MT	Ø 35.0 H7, straight, MT	579,50 €	04
609-36.00	36.00	609	Carbide-tipped expandable machine reamer, MT	Ø 36.0 H7, straight, MT	594,80 €	04
609-38.00	38.00	609	Carbide-tipped expandable machine reamer, MT	Ø 38.0 H7, straight, MT	610,10 €	04
609-40.00	40.00	609	Carbide-tipped expandable machine reamer, MT	Ø 40.0 H7, straight, MT	612,20 €	04
610-08.00	8.00	610	Carbide-tipped expandable machine reamer, cyl.	Ø 8.0 H7, straight, MT	142,90 €	04
610-09.00	9.00	610	Carbide-tipped expandable machine reamer, cyl.	Ø 9.0 H7, straight, cyl.	158,30 €	04
610-10.00	10.00	610	Carbide-tipped expandable machine reamer, cyl.	Ø 10.0 H7, straight, cyl.	151,50 €	04
610-11.00	11.00	610	Carbide-tipped expandable machine reamer, cyl.	Ø 11.0 H7, straight, cyl.	164,70 €	04
610-12.00	12.00	610	Carbide-tipped expandable machine reamer, cyl.	Ø 12.0 H7, straight, cyl.	158,30 €	04
610-13.00	13.00	610	Carbide-tipped expandable machine reamer, cyl.	Ø 13.0 H7, straight, cyl.	210,80 €	04
610-14.00	14.00	610	Carbide-tipped expandable machine reamer, cyl.	Ø 14.0 H7, straight, cyl.	215,20 €	04
610-15.00	15.00	610	Carbide-tipped expandable machine reamer, cyl.	Ø 15.0 H7, straight, cyl.	245,70 €	04
610-16.00	16.00	610	Carbide-tipped expandable machine reamer, cyl.	Ø 16.0 H7, straight, cyl.	254,50 €	04
610-17.00	17.00	610	Carbide-tipped expandable machine reamer, cyl.	Ø 17.0 H7, straight, cyl.	310,40 €	04
610-18.00	18.00	610	Carbide-tipped expandable machine reamer, cyl.	Ø 18.0 H7, straight, cyl.	267,80 €	04
610-19.00	19.00	610	Carbide-tipped expandable machine reamer, cyl.	Ø 19.0 H7, straight, cyl.	328,50 €	04
610-20.00	20.00	610	Carbide-tipped expandable machine reamer, cyl.	Ø 20.0 H7, straight, cyl.	283,10 €	04
611-05.00	5.00	611	Carbide-tipped reamer with rough-cutting step	Ø 5.0 H7, spiral flutes	431,80 €	03
611-06.00	6.00	611	Carbide-tipped reamer with rough-cutting step	Ø 6.0 H7, spiral flutes	448,60 €	03
611-07.00	7.00	611	Carbide-tipped reamer with rough-cutting step	Ø 7.0 H7, spiral flutes	448,60 €	03
611-08.00	8.00	611	Carbide-tipped reamer with rough-cutting step	Ø 8.0 H7, spiral flutes	443,10 €	03
611-09.00	9.00	611	Carbide-tipped reamer with rough-cutting step	Ø 9.0 H7, spiral flutes	451,20 €	03
611-10.00	10.00	611	Carbide-tipped reamer with rough-cutting step	Ø 10.0 H7, spiral flutes	459,70 €	03
611-11.00	11.00	611	Carbide-tipped reamer with rough-cutting step	Ø 11.0 H7, spiral flutes	485,20 €	03
611-12.00	12.00	611	Carbide-tipped reamer with rough-cutting step	Ø 12.0 H7, spiral flutes	468,90 €	03
611-14.00	14.00	611	Carbide-tipped reamer with rough-cutting step	Ø 14.0 H7, spiral flutes	476,70 €	03
611-15.00	15.00	611	Carbide-tipped reamer with rough-cutting step	Ø 15.0 H7, spiral flutes	482,80 €	03
611-16.00	16.00	611	Carbide-tipped reamer with rough-cutting step	Ø 16.0 H7, spiral flutes	485,20 €	03
611-18.00	18.00	611	Carbide-tipped reamer with rough-cutting step	Ø 18.0 H7, spiral flutes	496,70 €	03
611-19.00	19.00	611	Carbide-tipped reamer with rough-cutting step	Ø 19.0 H7, spiral flutes	516,10 €	03
611-20.00	20.00	611	Carbide-tipped reamer with rough-cutting step	Ø 20.0 H7, spiral flutes	499,30 €	03
611-22.00	22.00	611	Carbide-tipped reamer with rough-cutting step	Ø 22.0 H7, spiral flutes	541,40 €	03
611-24.00	24.00	611	Carbide-tipped reamer with rough-cutting step	Ø 24.0 H7, spiral flutes	569,70 €	03
611-25.00	25.00	611	Carbide-tipped reamer with rough-cutting step	Ø 25.0 H7, spiral flutes	584,30 €	03

article code	Ø/size	cat.-no.	description 1	description 2	gross 2023	PG
611-30.00	30.00	611	Carbide-tipped reamer with rough-cutting step	Ø 30.0 H7, spiral flutes	727,90 €	03
611-35.00	35.00	611	Carbide-tipped reamer with rough-cutting step	Ø 35.0 H7, spiral flutes	992,70 €	03
611-40.00	40.00	611	Carbide-tipped reamer with rough-cutting step	Ø 40.0 H7, spiral flutes	1.010,20 €	03
701-07.80-N	7.80	701	HSS core drill DIN 343, MT	Ø 7.8 h8, 3 flutes	58,55 €	07
701-08.00-N	8.00	701	HSS core drill DIN 343, MT	Ø 8 h8, 3 flutes	58,55 €	07
701-08.80-N	8.80	701	HSS core drill DIN 343, MT	Ø 8.8 h8, 3 flutes	61,45 €	07
701-09.00-N	9.00	701	HSS core drill DIN 343, MT	Ø 9 h8, 3 flutes	61,45 €	07
701-09.80-N	9.80	701	HSS core drill DIN 343, MT	Ø 9.8 h8, 3 flutes	61,45 €	07
701-10.00-N	10.00	701	HSS core drill DIN 343, MT	Ø 10 h8, 3 flutes	61,45 €	07
701-10.75-N	10.75	701	HSS core drill DIN 343, MT	Ø 10.75 h8, 3 flutes	61,45 €	07
701-11.00-N	11.00	701	HSS core drill DIN 343, MT	Ø 11 h8, 3 flutes	61,45 €	07
701-11.75-N	11.75	701	HSS core drill DIN 343, MT	Ø 11.75 h8, 3 flutes	61,45 €	07
701-12.00-N	12.00	701	HSS core drill DIN 343, MT	Ø 12 h8, 3 flutes	61,45 €	07
701-12.75-N	12.75	701	HSS core drill DIN 343, MT	Ø 12.75 h8, 3 flutes	71,20 €	07
701-13.00-N	13.00	701	HSS core drill DIN 343, MT	Ø 13 h8, 3 flutes	71,20 €	07
701-13.75-N	13.75	701	HSS core drill DIN 343, MT	Ø 13.75 h8, 3 flutes	71,75 €	07
701-14.00-N	14.00	701	HSS core drill DIN 343, MT	Ø 14 h8, 3 flutes	71,75 €	07
701-14.75-N	14.75	701	HSS core drill DIN 343, MT	Ø 14.75 h8, 3 flutes	77,85 €	07
701-15.00-N	15.00	701	HSS core drill DIN 343, MT	Ø 15 h8, 3 flutes	77,85 €	07
701-15.75-N	15.75	701	HSS core drill DIN 343, MT	Ø 15.75 h8, 3 flutes	81,50 €	07
701-16.00-N	16.00	701	HSS core drill DIN 343, MT	Ø 16 h8, 3 flutes	81,50 €	07
701-16.75-N	16.75	701	HSS core drill DIN 343, MT	Ø 16.75 h8, 3 flutes	84,40 €	07
701-17.00-N	17.00	701	HSS core drill DIN 343, MT	Ø 17 h8, 3 flutes	84,40 €	07
701-17.75-N	17.75	701	HSS core drill DIN 343, MT	Ø 17.75 h8, 3 flutes	92,10 €	07
701-18.00-N	18.00	701	HSS core drill DIN 343, MT	Ø 18 h8, 3 flutes	92,10 €	07
701-18.70-N	18.70	701	HSS core drill DIN 343, MT	Ø 18.7 h8, 3 flutes	98,15 €	07
701-19.00-N	19.00	701	HSS core drill DIN 343, MT	Ø 19 h8, 3 flutes	98,15 €	07
701-19.70-N	19.70	701	HSS core drill DIN 343, MT	Ø 19.7 h8, 3 flutes	98,55 €	07
701-20.00-N	20.00	701	HSS core drill DIN 343, MT	Ø 20 h8, 3 flutes	98,55 €	07
701-20.70-N	20.70	701	HSS core drill DIN 343, MT	Ø 20.7 h8, 3 flutes	112,50 €	07
701-21.00-N	21.00	701	HSS core drill DIN 343, MT	Ø 21 h8, 3 flutes	112,50 €	07
701-21.70-N	21.70	701	HSS core drill DIN 343, MT	Ø 21.7 h8, 3 flutes	114,25 €	07
701-22.00-N	22.00	701	HSS core drill DIN 343, MT	Ø 22 h8, 3 flutes	114,25 €	07
701-22.70-N	22.70	701	HSS core drill DIN 343, MT	Ø 22.7 h8, 3 flutes	130,30 €	07
701-23.00-N	23.00	701	HSS core drill DIN 343, MT	Ø 23 h8, 3 flutes	130,30 €	07
701-23.70-N	23.70	701	HSS core drill DIN 343, MT	Ø 23.7 h8, 3 flutes	134,30 €	07
701-24.00-N	24.00	701	HSS core drill DIN 343, MT	Ø 24 h8, 3 flutes	134,30 €	07
701-24.70-N	24.70	701	HSS core drill DIN 343, MT	Ø 24.7 h8, 3 flutes	143,50 €	07
701-25.00-N	25.00	701	HSS core drill DIN 343, MT	Ø 25 h8, 3 flutes	143,50 €	07
701-25.70-N	25.70	701	HSS core drill DIN 343, MT	Ø 25.7 h8, 3 flutes	151,00 €	07
701-26.00-N	26.00	701	HSS core drill DIN 343, MT	Ø 26 h8, 3 flutes	151,00 €	07
701-26.70-N	26.70	701	HSS core drill DIN 343, MT	Ø 26.7 h8, 3 flutes	172,75 €	07
701-27.00-N	27.00	701	HSS core drill DIN 343, MT	Ø 27 h8, 3 flutes	172,75 €	07
701-27.70-N	27.70	701	HSS core drill DIN 343, MT	Ø 27.7 h8, 3 flutes	173,35 €	07
701-28.00-N	28.00	701	HSS core drill DIN 343, MT	Ø 28 h8, 3 flutes	173,35 €	07
701-28.70-N	28.70	701	HSS core drill DIN 343, MT	Ø 28.7 h8, 3 flutes	191,95 €	07
701-29.00-N	29.00	701	HSS core drill DIN 343, MT	Ø 29 h8, 3 flutes	191,95 €	07
701-29.70-N	29.70	701	HSS core drill DIN 343, MT	Ø 29.7 h8, 3 flutes	198,85 €	07
701-30.00-N	30.00	701	HSS core drill DIN 343, MT	Ø 30 h8, 3 flutes	198,85 €	07
701-30.60-N	30.60	701	HSS core drill DIN 343, MT	Ø 30.6 h8, 3 flutes	235,85 €	07
701-31.00-N	31.00	701	HSS core drill DIN 343, MT	Ø 31 h8, 3 flutes	235,85 €	07
701-31.60-N	31.60	701	HSS core drill DIN 343, MT	Ø 31.6 h8, 3 flutes	253,45 €	07
701-32.00-N	32.00	701	HSS core drill DIN 343, MT	Ø 32 h8, 3 flutes	253,45 €	07
701-32.60-N	32.60	701	HSS core drill DIN 343, MT	Ø 32.6 h8, 3 flutes	269,95 €	07
701-33.00-N	33.00	701	HSS core drill DIN 343, MT	Ø 33 h8, 3 flutes	269,95 €	07
701-33.60-N	33.60	701	HSS core drill DIN 343, MT	Ø 33.6 h8, 3 flutes	281,75 €	07
701-34.00-N	34.00	701	HSS core drill DIN 343, MT	Ø 34 h8, 3 flutes	281,75 €	07
701-34.60-N	34.60	701	HSS core drill DIN 343, MT	Ø 34.6 h8, 3 flutes	291,20 €	07
701-35.00-N	35.00	701	HSS core drill DIN 343, MT	Ø 35 h8, 3 flutes	291,20 €	07
701-35.60-N	35.60	701	HSS core drill DIN 343, MT	Ø 35.6 h8, 3 flutes	315,65 €	07
701-36.00-N	36.00	701	HSS core drill DIN 343, MT	Ø 36 h8, 3 flutes	315,65 €	07
701-36.60-N	36.60	701	HSS core drill DIN 343, MT	Ø 36.6 h8, 3 flutes	339,15 €	07
701-37.00-N	37.00	701	HSS core drill DIN 343, MT	Ø 37 h8, 3 flutes	339,15 €	07
701-37.60-N	37.60	701	HSS core drill DIN 343, MT	Ø 37.6 h8, 3 flutes	346,85 €	07
701-38.00-N	38.00	701	HSS core drill DIN 343, MT	Ø 38 h8, 3 flutes	346,85 €	07
701-38.60-N	38.60	701	HSS core drill DIN 343, MT	Ø 38.6 h8, 3 flutes	367,75 €	07
701-39.00-N	39.00	701	HSS core drill DIN 343, MT	Ø 39 h8, 3 flutes	367,75 €	07
701-39.60-N	39.60	701	HSS core drill DIN 343, MT	Ø 39.6 h8, 3 flutes	371,30 €	07
701-40.00-N	40.00	701	HSS core drill DIN 343, MT	Ø 40 h8, 3 flutes	371,30 €	07
701-40.60-N	40.60	701	HSS core drill DIN 343, MT	Ø 40.6 h8, 3 flutes	464,85 €	07
701-41.00-N	41.00	701	HSS core drill DIN 343, MT	Ø 41 h8, 3 flutes	464,85 €	07
701-41.60-N	41.60	701	HSS core drill DIN 343, MT	Ø 41.6 h8, 3 flutes	479,20 €	07
701-42.00-N	42.00	701	HSS core drill DIN 343, MT	Ø 42 h8, 3 flutes	479,20 €	07
701-42.60-N	42.60	701	HSS core drill DIN 343, MT	Ø 42.6 h8, 3 flutes	545,15 €	07



article code	Ø/size	cat.-no.	description 1	description 2	gross 2023	PG
701-43.00-N	43.00	701	HSS core drill DIN 343, MT	Ø 43 h8, 3 flutes	545,15 €	07
701-43.60-N	43.60	701	HSS core drill DIN 343, MT	Ø 43.6 h8, 3 flutes	562,95 €	07
701-44.00-N	44.00	701	HSS core drill DIN 343, MT	Ø 44 h8, 3 flutes	562,95 €	07
701-44.60-N	44.60	701	HSS core drill DIN 343, MT	Ø 44.6 h8, 3 flutes	568,35 €	07
701-45.00-N	45.00	701	HSS core drill DIN 343, MT	Ø 45 h8, 3 flutes	568,35 €	07
701-45.60-N	45.60	701	HSS core drill DIN 343, MT	Ø 45.6 h8, 3 flutes	608,95 €	07
701-46.00-N	46.00	701	HSS core drill DIN 343, MT	Ø 46 h8, 3 flutes	608,95 €	07
701-46.60-N	46.60	701	HSS core drill DIN 343, MT	Ø 46.6 h8, 3 flutes	686,55 €	07
701-47.00-N	47.00	701	HSS core drill DIN 343, MT	Ø 47 h8, 3 flutes	686,55 €	07
701-47.60-N	47.60	701	HSS core drill DIN 343, MT	Ø 47.6 h8, 3 flutes	705,80 €	07
701-48.00-N	48.00	701	HSS core drill DIN 343, MT	Ø 48 h8, 3 flutes	705,80 €	07
701-48.60-N	48.60	701	HSS core drill DIN 343, MT	Ø 48.6 h8, 3 flutes	745,95 €	07
701-49.00-N	49.00	701	HSS core drill DIN 343, MT	Ø 49 h8, 3 flutes	745,95 €	07
701-49.60-N	49.60	701	HSS core drill DIN 343, MT	Ø 49.6 h8, 3 flutes	748,85 €	07
701-50.00-N	50.00	701	HSS core drill DIN 343, MT	Ø 50 h8, 3 flutes	748,85 €	07
7010-03.00-B	3.00	7010	CERMET NC reamer sim. to DIN 8093B	Ø 3.0 H7, spiral flutes	88,10 €	06
7010-03.50-B	3.50	7010	CERMET NC reamer sim. to DIN 8093B	Ø 3.5 H7, spiral flutes	95,65 €	06
7010-04.00-B	4.00	7010	CERMET NC reamer sim. to DIN 8093B	Ø 4.0 H7, spiral flutes	97,95 €	06
7010-04.50-B	4.50	7010	CERMET NC reamer sim. to DIN 8093B	Ø 4.5 H7, spiral flutes	117,00 €	06
7010-05.00-B	5.00	7010	CERMET NC reamer sim. to DIN 8093B	Ø 5.0 H7, spiral flutes	123,25 €	06
7010-05.50-B	5.50	7010	CERMET NC reamer sim. to DIN 8093B	Ø 5.5 H7, spiral flutes	137,25 €	06
7010-06.00-B	6.00	7010	CERMET NC reamer sim. to DIN 8093B	Ø 6.0 H7, spiral flutes	139,45 €	06
7010-06.50-B	6.50	7010	CERMET NC reamer sim. to DIN 8093B	Ø 6.5 H7, spiral flutes	157,90 €	06
7010-07.00-B	7.00	7010	CERMET NC reamer sim. to DIN 8093B	Ø 7.0 H7, spiral flutes	159,60 €	06
7010-07.50-B	7.50	7010	CERMET NC reamer sim. to DIN 8093B	Ø 7.5 H7, spiral flutes	170,60 €	06
7010-08.00-B	8.00	7010	CERMET NC reamer sim. to DIN 8093B	Ø 8.0 H7, spiral flutes	167,50 €	06
7010-08.50-B	8.50	7010	CERMET NC reamer sim. to DIN 8093B	Ø 8.5 H7, spiral flutes	179,85 €	06
7010-09.00-B	9.00	7010	CERMET NC reamer sim. to DIN 8093B	Ø 9.0 H7, spiral flutes	184,70 €	06
7010-09.50-B	9.50	7010	CERMET NC reamer sim. to DIN 8093B	Ø 9.5 H7, spiral flutes	211,90 €	06
7010-10.00-B	10.00	7010	CERMET NC reamer sim. to DIN 8093B	Ø 10.0 H7, spiral flutes	201,70 €	06
7010-11.00-B	11.00	7010	CERMET NC reamer sim. to DIN 8093B	Ø 11.0 H7, spiral flutes	227,25 €	06
7010-12.00-B	12.00	7010	CERMET NC reamer sim. to DIN 8093B	Ø 12.0 H7, spiral flutes	234,00 €	06
702-07.80-N	7.80	702	HSS core drill DIN 1864, long exec., MT	Ø 7.8 h8, 3 flutes	103,00 €	07
702-08.00-N	8.00	702	HSS core drill DIN 1864, long exec., MT	Ø 8 h8, 3 flutes	103,00 €	07
702-08.80-N	8.80	702	HSS core drill DIN 1864, long exec., MT	Ø 8.8 h8, 3 flutes	110,45 €	07
702-09.00-N	9.00	702	HSS core drill DIN 1864, long exec., MT	Ø 9 h8, 3 flutes	110,45 €	07
702-09.80-N	9.80	702	HSS core drill DIN 1864, long exec., MT	Ø 9.8 h8, 3 flutes	110,45 €	07
702-10.00-N	10.00	702	HSS core drill DIN 1864, long exec., MT	Ø 10 h8, 3 flutes	110,45 €	07
702-10.75-N	10.75	702	HSS core drill DIN 1864, long exec., MT	Ø 10.75 h8, 3 flutes	105,35 €	07
702-11.00-N	11.00	702	HSS core drill DIN 1864, long exec., MT	Ø 11 h8, 3 flutes	105,35 €	07
702-11.75-N	11.75	702	HSS core drill DIN 1864, long exec., MT	Ø 11.75 h8, 3 flutes	110,45 €	07
702-12.00-N	12.00	702	HSS core drill DIN 1864, long exec., MT	Ø 12 h8, 3 flutes	110,45 €	07
702-12.75-N	12.75	702	HSS core drill DIN 1864, long exec., MT	Ø 12.75 h8, 3 flutes	120,20 €	07
702-13.00-N	13.00	702	HSS core drill DIN 1864, long exec., MT	Ø 13 h8, 3 flutes	120,20 €	07
702-13.75-N	13.75	702	HSS core drill DIN 1864, long exec., MT	Ø 13.75 h8, 3 flutes	120,20 €	07
702-14.00-N	14.00	702	HSS core drill DIN 1864, long exec., MT	Ø 14 h8, 3 flutes	125,95 €	07
702-14.75-N	14.75	702	HSS core drill DIN 1864, long exec., MT	Ø 14.75 h8, 3 flutes	132,90 €	07
702-15.00-N	15.00	702	HSS core drill DIN 1864, long exec., MT	Ø 15 h8, 3 flutes	132,90 €	07
702-15.75-N	15.75	702	HSS core drill DIN 1864, long exec., MT	Ø 15.75 h8, 3 flutes	139,60 €	07
702-16.00-N	16.00	702	HSS core drill DIN 1864, long exec., MT	Ø 16 h8, 3 flutes	139,60 €	07
702-16.75-N	16.75	702	HSS core drill DIN 1864, long exec., MT	Ø 16.75 h8, 3 flutes	156,45 €	07
702-17.00-N	17.00	702	HSS core drill DIN 1864, long exec., MT	Ø 17 h8, 3 flutes	156,45 €	07
702-17.75-N	17.75	702	HSS core drill DIN 1864, long exec., MT	Ø 17.75 h8, 3 flutes	168,60 €	07
702-18.00-N	18.00	702	HSS core drill DIN 1864, long exec., MT	Ø 18 h8, 3 flutes	168,60 €	07
702-18.70-N	18.70	702	HSS core drill DIN 1864, long exec., MT	Ø 18.7 h8, 3 flutes	183,40 €	07
702-19.00-N	19.00	702	HSS core drill DIN 1864, long exec., MT	Ø 19 h8, 3 flutes	183,40 €	07
702-19.70-N	19.70	702	HSS core drill DIN 1864, long exec., MT	Ø 19.7 h8, 3 flutes	189,00 €	07
702-20.00-N	20.00	702	HSS core drill DIN 1864, long exec., MT	Ø 20 h8, 3 flutes	189,00 €	07
702-20.70-N	20.70	702	HSS core drill DIN 1864, long exec., MT	Ø 20.7 h8, 3 flutes	221,45 €	07
702-21.00-N	21.00	702	HSS core drill DIN 1864, long exec., MT	Ø 21 h8, 3 flutes	221,45 €	07
702-21.70-N	21.70	702	HSS core drill DIN 1864, long exec., MT	Ø 21.7 h8, 3 flutes	223,90 €	07
702-22.00-N	22.00	702	HSS core drill DIN 1864, long exec., MT	Ø 22 h8, 3 flutes	223,90 €	07
702-22.70-N	22.70	702	HSS core drill DIN 1864, long exec., MT	Ø 22.7 h8, 3 flutes	259,65 €	07
702-23.00-N	23.00	702	HSS core drill DIN 1864, long exec., MT	Ø 23 h8, 3 flutes	259,65 €	07
702-23.70-N	23.70	702	HSS core drill DIN 1864, long exec., MT	Ø 23.7 h8, 3 flutes	269,80 €	07
702-24.00-N	24.00	702	HSS core drill DIN 1864, long exec., MT	Ø 24 h8, 3 flutes	269,80 €	07
702-24.70-N	24.70	702	HSS core drill DIN 1864, long exec., MT	Ø 24.7 h8, 3 flutes	269,80 €	07
702-25.00-N	25.00	702	HSS core drill DIN 1864, long exec., MT	Ø 25 h8, 3 flutes	269,80 €	07
702-25.70-N	25.70	702	HSS core drill DIN 1864, long exec., MT	Ø 25.7 h8, 3 flutes	304,65 €	07
702-26.00-N	26.00	702	HSS core drill DIN 1864, long exec., MT	Ø 26 h8, 3 flutes	304,65 €	07
702-26.70-N	26.70	702	HSS core drill DIN 1864, long exec., MT	Ø 26.7 h8, 3 flutes	341,70 €	07
702-27.00-N	27.00	702	HSS core drill DIN 1864, long exec., MT	Ø 27 h8, 3 flutes	341,70 €	07
702-27.70-N	27.70	702	HSS core drill DIN 1864, long exec., MT	Ø 27.7 h8, 3 flutes	341,70 €	07
702-28.00-N	28.00	702	HSS core drill DIN 1864, long exec., MT	Ø 28 h8, 3 flutes	341,70 €	07



article code	Ø/size	cat.-no.	description 1	description 2	gross 2023	PG
702-28.70-N	28.70	702	HSS core drill DIN 1864, long exec., MT	Ø 28.7 h8, 3 flutes	380,00 €	07
702-29.00-N	29.00	702	HSS core drill DIN 1864, long exec., MT	Ø 29 h8, 3 flutes	380,00 €	07
702-29.70-N	29.70	702	HSS core drill DIN 1864, long exec., MT	Ø 29.7 h8, 3 flutes	380,00 €	07
702-30.00-N	30.00	702	HSS core drill DIN 1864, long exec., MT	Ø 30 h8, 3 flutes	380,00 €	07
702-30.60-N	30.60	702	HSS core drill DIN 1864, long exec., MT	Ø 30.6 h8, 3 flutes	412,55 €	07
702-31.00-N	31.00	702	HSS core drill DIN 1864, long exec., MT	Ø 31 h8, 3 flutes	412,55 €	07
703-02.80-N	2.80	703	HSS core drill DIN 344, cyl.	Ø 2.8 h8, 3 flutes	74,85 €	07
703-03.00-N	3.00	703	HSS core drill DIN 344, cyl.	Ø 3.0 h8, 3 flutes	74,85 €	07
703-03.80-N	3.80	703	HSS core drill DIN 344, cyl.	Ø 3.8 h8, 3 flutes	74,85 €	07
703-04.00-N	4.00	703	HSS core drill DIN 344, cyl.	Ø 4.0 h8, 3 flutes	74,85 €	07
703-04.80-N	4.80	703	HSS core drill DIN 344, cyl.	Ø 4.8 h8, 3 flutes	31,65 €	07
703-05.00-N	5.00	703	HSS core drill DIN 344, cyl.	Ø 5.0 h8, 3 flutes	31,65 €	07
703-05.80-N	5.80	703	HSS core drill DIN 344, cyl.	Ø 5.8 h8, 3 flutes	32,30 €	07
703-06.00-N	6.00	703	HSS core drill DIN 344, cyl.	Ø 6.0 h8, 3 flutes	32,30 €	07
703-06.30-N	6.30	703	HSS core drill DIN 344, cyl.	Ø 6.3 h8, 3 flutes	43,40 €	07
703-06.50-N	6.50	703	HSS core drill DIN 344, cyl.	Ø 6.5 h8, 3 flutes	43,40 €	07
703-06.80-N	6.80	703	HSS core drill DIN 344, cyl.	Ø 6.8 h8, 3 flutes	36,80 €	07
703-07.00-N	7.00	703	HSS core drill DIN 344, cyl.	Ø 7.0 h8, 3 flutes	36,80 €	07
703-07.80-N	7.80	703	HSS core drill DIN 344, cyl.	Ø 7.8 h8, 3 flutes	41,25 €	07
703-08.00-N	8.00	703	HSS core drill DIN 344, cyl.	Ø 8.0 h8, 3 flutes	41,25 €	07
703-08.80-N	8.80	703	HSS core drill DIN 344, cyl.	Ø 8.8 h8, 3 flutes	44,95 €	07
703-09.00-N	9.00	703	HSS core drill DIN 344, cyl.	Ø 9.0 h8, 3 flutes	44,95 €	07
703-09.80-N	9.80	703	HSS core drill DIN 344, cyl.	Ø 9.8 h8, 3 flutes	45,80 €	07
703-10.00-N	10.00	703	HSS core drill DIN 344, cyl.	Ø 10.0 h8, 3 flutes	45,80 €	07
703-10.75-N	10.75	703	HSS core drill DIN 344, cyl.	Ø 10.75 h8, 3 flutes	59,20 €	07
703-11.00-N	11.00	703	HSS core drill DIN 344, cyl.	Ø 11.0 h8, 3 flutes	59,20 €	07
703-11.75-N	11.75	703	HSS core drill DIN 344, cyl.	Ø 11.75 h8, 3 flutes	59,20 €	07
703-12.00-N	12.00	703	HSS core drill DIN 344, cyl.	Ø 12.0 h8, 3 flutes	59,20 €	07
703-12.75-N	12.75	703	HSS core drill DIN 344, cyl.	Ø 12.75 h8, 3 flutes	74,85 €	07
703-13.00-N	13.00	703	HSS core drill DIN 344, cyl.	Ø 13.0 h8, 3 flutes	74,85 €	07
703-13.75-N	13.75	703	HSS core drill DIN 344, cyl.	Ø 13.75 h8, 3 flutes	83,25 €	07
703-14.00-N	14.00	703	HSS core drill DIN 344, cyl.	Ø 14.0 h8, 3 flutes	83,25 €	07
703-14.75-N	14.75	703	HSS core drill DIN 344, cyl.	Ø 14.75 h8, 3 flutes	93,10 €	07
703-15.00-N	15.00	703	HSS core drill DIN 344, cyl.	Ø 15.0 h8, 3 flutes	93,10 €	07
703-15.75-N	15.75	703	HSS core drill DIN 344, cyl.	Ø 15.75 h8, 3 flutes	100,80 €	07
703-16.00-N	16.00	703	HSS core drill DIN 344, cyl.	Ø 16.0 h8, 3 flutes	100,80 €	07
703-16.75-N	16.75	703	HSS core drill DIN 344, cyl.	Ø 16.75 h8, 3 flutes	120,90 €	07
703-17.00-N	17.00	703	HSS core drill DIN 344, cyl.	Ø 17.0 h8, 3 flutes	120,90 €	07
703-17.75-N	17.75	703	HSS core drill DIN 344, cyl.	Ø 17.75 h8, 3 flutes	134,90 €	07
703-18.00-N	18.00	703	HSS core drill DIN 344, cyl.	Ø 18.0 h8, 3 flutes	134,90 €	07
703-18.70-N	18.70	703	HSS core drill DIN 344, cyl.	Ø 18.7 h8, 3 flutes	149,40 €	07
703-19.00-N	19.00	703	HSS core drill DIN 344, cyl.	Ø 19.0 h8, 3 flutes	149,40 €	07
703-19.70-N	19.70	703	HSS core drill DIN 344, cyl.	Ø 19.7 h8, 3 flutes	155,55 €	07
703-20.00-N	20.00	703	HSS core drill DIN 344, cyl.	Ø 20.0 h8, 3 flutes	155,55 €	07
704-23.70	23.70	704	HSS shell core drill DIN 222	Ø 23.7 h8, 4 flutes	203,80 €	07
704-24.00	24.00	704	HSS shell core drill DIN 222	Ø 24.0 h8, 4 flutes	203,80 €	07
704-24.70	24.70	704	HSS shell core drill DIN 222	Ø 24.7 h8, 4 flutes	186,75 €	07
704-25.00	25.00	704	HSS shell core drill DIN 222	Ø 25.0 h8, 4 flutes	186,75 €	07
704-25.70	25.70	704	HSS shell core drill DIN 222	Ø 25.7 h8, 4 flutes	186,75 €	07
704-26.00	26.00	704	HSS shell core drill DIN 222	Ø 26.0 h8, 4 flutes	186,75 €	07
704-26.70	26.70	704	HSS shell core drill DIN 222	Ø 26.7 h8, 4 flutes	267,80 €	07
704-27.00	27.00	704	HSS shell core drill DIN 222	Ø 27.0 h8, 4 flutes	267,80 €	07
704-27.70	27.70	704	HSS shell core drill DIN 222	Ø 27.7 h8, 4 flutes	226,50 €	07
704-28.00	28.00	704	HSS shell core drill DIN 222	Ø 28.0 h8, 4 flutes	226,50 €	07
704-28.70	28.70	704	HSS shell core drill DIN 222	Ø 28.7 h8, 4 flutes	265,85 €	07
704-29.00	29.00	704	HSS shell core drill DIN 222	Ø 29.0 h8, 4 flutes	265,85 €	07
704-29.70	29.70	704	HSS shell core drill DIN 222	Ø 29.7 h8, 4 flutes	195,30 €	07
704-30.00	30.00	704	HSS shell core drill DIN 222	Ø 30.0 h8, 4 flutes	195,30 €	07
704-30.60	30.60	704	HSS shell core drill DIN 222	Ø 30.6 h8, 4 flutes	217,05 €	07
704-31.00	31.00	704	HSS shell core drill DIN 222	Ø 31.0 h8, 4 flutes	217,05 €	07
704-31.60	31.60	704	HSS shell core drill DIN 222	Ø 31.6 h8, 4 flutes	217,05 €	07
704-32.00	32.00	704	HSS shell core drill DIN 222	Ø 32.0 h8, 4 flutes	217,05 €	07
704-32.60	32.60	704	HSS shell core drill DIN 222	Ø 32.6 h8, 4 flutes	226,50 €	07
704-33.00	33.00	704	HSS shell core drill DIN 222	Ø 33.0 h8, 4 flutes	226,50 €	07
704-33.60	33.60	704	HSS shell core drill DIN 222	Ø 33.6 h8, 4 flutes	226,50 €	07
704-34.00	34.00	704	HSS shell core drill DIN 222	Ø 34.0 h8, 4 flutes	226,50 €	07
704-34.60	34.60	704	HSS shell core drill DIN 222	Ø 34.6 h8, 4 flutes	217,05 €	07
704-35.00	35.00	704	HSS shell core drill DIN 222	Ø 35.0 h8, 4 flutes	217,05 €	07
704-35.60	35.60	704	HSS shell core drill DIN 222	Ø 35.6 h8, 4 flutes	217,05 €	07
704-36.00	36.00	704	HSS shell core drill DIN 222	Ø 36.0 h8, 4 flutes	217,05 €	07
704-36.60	36.60	704	HSS shell core drill DIN 222	Ø 36.6 h8, 4 flutes	242,35 €	07
704-37.00	37.00	704	HSS shell core drill DIN 222	Ø 37.0 h8, 4 flutes	242,35 €	07
704-37.60	37.60	704	HSS shell core drill DIN 222	Ø 37.6 h8, 4 flutes	228,20 €	07
704-38.00	38.00	704	HSS shell core drill DIN 222	Ø 38.0 h8, 4 flutes	228,20 €	07

article code	Ø/size	cat.-no.	description 1	description 2	gross 2023	PG
704-38.60	38.60	704	HSS shell core drill DIN 222	Ø 38.6 h8, 4 flutes	255,60 €	07
704-39.00	39.00	704	HSS shell core drill DIN 222	Ø 39.0 h8, 4 flutes	255,60 €	07
704-39.60	39.60	704	HSS shell core drill DIN 222	Ø 39.6 h8, 4 flutes	221,65 €	07
704-40.00	40.00	704	HSS shell core drill DIN 222	Ø 40.0 h8, 4 flutes	221,65 €	07
704-41.60	41.60	704	HSS shell core drill DIN 222	Ø 41.6 h8, 4 flutes	226,50 €	07
704-42.00	42.00	704	HSS shell core drill DIN 222	Ø 42.0 h8, 4 flutes	226,50 €	07
704-43.60	43.60	704	HSS shell core drill DIN 222	Ø 43.6 h8, 4 flutes	242,35 €	07
704-44.00	44.00	704	HSS shell core drill DIN 222	Ø 44.0 h8, 4 flutes	242,35 €	07
704-44.60	44.60	704	HSS shell core drill DIN 222	Ø 44.6 h8, 4 flutes	242,35 €	07
704-45.00	45.00	704	HSS shell core drill DIN 222	Ø 45.0 h8, 4 flutes	242,35 €	07
704-45.60	45.60	704	HSS shell core drill DIN 222	Ø 45.6 h8, 4 flutes	299,85 €	07
704-46.00	46.00	704	HSS shell core drill DIN 222	Ø 46.0 h8, 4 flutes	299,85 €	07
704-46.60	46.60	704	HSS shell core drill DIN 222	Ø 46.6 h8, 4 flutes	318,80 €	07
704-47.00	47.00	704	HSS shell core drill DIN 222	Ø 47.0 h8, 4 flutes	318,80 €	07
704-47.60	47.60	704	HSS shell core drill DIN 222	Ø 47.6 h8, 4 flutes	318,80 €	07
704-48.00	48.00	704	HSS shell core drill DIN 222	Ø 48.0 h8, 4 flutes	318,80 €	07
704-49.60	49.60	704	HSS shell core drill DIN 222	Ø 49.6 h8, 4 flutes	299,85 €	07
704-50.00	50.00	704	HSS shell core drill DIN 222	Ø 50.0 h8, 4 flutes	299,85 €	07
704-50.50	50.50	704	HSS shell core drill DIN 222	Ø 50.5 h8, 4 flutes	299,85 €	07
704-51.00	51.00	704	HSS shell core drill DIN 222	Ø 51.0 h8, 4 flutes	299,85 €	07
704-51.50	51.50	704	HSS shell core drill DIN 222	Ø 51.5 h8, 4 flutes	299,85 €	07
704-52.00	52.00	704	HSS shell core drill DIN 222	Ø 52.0 h8, 4 flutes	299,85 €	07
704-53.50	53.50	704	HSS shell core drill DIN 222	Ø 53.5 h8, 4 flutes	330,95 €	07
704-54.00	54.00	704	HSS shell core drill DIN 222	Ø 54.0 h8, 4 flutes	330,95 €	07
704-54.50	54.50	704	HSS shell core drill DIN 222	Ø 54.5 h8, 4 flutes	330,95 €	07
704-55.00	55.00	704	HSS shell core drill DIN 222	Ø 55.0 h8, 4 flutes	330,95 €	07
704-57.50	57.50	704	HSS shell core drill DIN 222	Ø 57.5 h8, 4 flutes	358,25 €	07
704-58.00	58.00	704	HSS shell core drill DIN 222	Ø 58.0 h8, 4 flutes	358,25 €	07
704-59.50	59.50	704	HSS shell core drill DIN 222	Ø 59.5 h8, 4 flutes	358,25 €	07
704-60.00	60.00	704	HSS shell core drill DIN 222	Ø 60.0 h8, 4 flutes	358,25 €	07
704-61.50	61.50	704	HSS shell core drill DIN 222	Ø 61.5 h8, 4 flutes	388,30 €	07
704-62.00	62.00	704	HSS shell core drill DIN 222	Ø 62.0 h8, 4 flutes	388,30 €	07
704-63.50	63.50	704	HSS shell core drill DIN 222	Ø 63.5 h8, 4 flutes	443,15 €	07
704-64.00	64.00	704	HSS shell core drill DIN 222	Ø 64.0 h8, 4 flutes	443,15 €	07
704-64.50	64.50	704	HSS shell core drill DIN 222	Ø 64.5 h8, 4 flutes	458,05 €	07
704-65.00	65.00	704	HSS shell core drill DIN 222	Ø 65.0 h8, 4 flutes	458,05 €	07
704-67.50	67.50	704	HSS shell core drill DIN 222	Ø 67.5 h8, 4 flutes	654,35 €	07
704-68.00	68.00	704	HSS shell core drill DIN 222	Ø 68.0 h8, 4 flutes	654,35 €	07
704-69.50	69.50	704	HSS shell core drill DIN 222	Ø 69.5 h8, 4 flutes	569,40 €	07
704-70.00	70.00	704	HSS shell core drill DIN 222	Ø 70.0 h8, 4 flutes	569,40 €	07
704-71.50	71.50	704	HSS shell core drill DIN 222	Ø 71.5 h8, 4 flutes	642,90 €	07
704-72.00	72.00	704	HSS shell core drill DIN 222	Ø 72.0 h8, 4 flutes	642,90 €	07
704-73.50	73.50	704	HSS shell core drill DIN 222	Ø 73.5 h8, 4 flutes	885,30 €	07
704-74.00	74.00	704	HSS shell core drill DIN 222	Ø 74.0 h8, 4 flutes	885,30 €	07
704-74.50	74.50	704	HSS shell core drill DIN 222	Ø 74.5 h8, 4 flutes	885,30 €	07
704-75.00	75.00	704	HSS shell core drill DIN 222	Ø 75.0 h8, 4 flutes	885,30 €	07
704-77.50	77.50	704	HSS shell core drill DIN 222	Ø 77.5 h8, 6 flutes	886,00 €	07
704-78.00	78.00	704	HSS shell core drill DIN 222	Ø 78.0 h8, 6 flutes	886,00 €	07
704-79.50	79.50	704	HSS shell core drill DIN 222	Ø 79.5 h8, 6 flutes	886,00 €	07
704-80.00	80.00	704	HSS shell core drill DIN 222	Ø 80.0 h8, 6 flutes	886,00 €	07
704-81.50	81.50	704	HSS shell core drill DIN 222	Ø 81.5 h8, 6 flutes	950,20 €	07
704-82.00	82.00	704	HSS shell core drill DIN 222	Ø 82.0 h8, 6 flutes	950,20 €	07
704-84.50	84.50	704	HSS shell core drill DIN 222	Ø 84.5 h8, 6 flutes	991,60 €	07
704-85.00	85.00	704	HSS shell core drill DIN 222	Ø 85.0 h8, 6 flutes	991,60 €	07
704-87.50	87.50	704	HSS shell core drill DIN 222	Ø 87.5 h8, 6 flutes	1.097,10 €	07
704-88.00	88.00	704	HSS shell core drill DIN 222	Ø 88.0 h8, 6 flutes	1.097,10 €	07
704-89.50	89.50	704	HSS shell core drill DIN 222	Ø 89.5 h8, 6 flutes	1.097,10 €	07
704-90.00	90.00	704	HSS shell core drill DIN 222	Ø 90.0 h8, 6 flutes	1.097,10 €	07
704-91.50	91.50	704	HSS shell core drill DIN 222	Ø 91.5 h8, 6 flutes	1.434,45 €	07
704-92.00	92.00	704	HSS shell core drill DIN 222	Ø 92.0 h8, 6 flutes	1.434,45 €	07
704-94.50	94.50	704	HSS shell core drill DIN 222	Ø 94.5 h8, 6 flutes	1.434,45 €	07
704-95.00	95.00	704	HSS shell core drill DIN 222	Ø 95.0 h8, 6 flutes	1.434,45 €	07
704-97.50	97.50	704	HSS shell core drill DIN 222	Ø 97.5 h8, 6 flutes	1.434,45 €	07
704-98.00	98.00	704	HSS shell core drill DIN 222	Ø 98.0 h8, 6 flutes	1.434,45 €	07
704-99.50	99.50	704	HSS shell core drill DIN 222	Ø 99.5 h8, 6 flutes	1.434,45 €	07
704-100.00	100.00	704	HSS shell core drill DIN 222	Ø 100.0 h8, 6 flutes	1.434,45 €	07
705-06.00-A	6.00	705	HSS countersink 60° DIN 334, form A	nom.-Ø 6, cyl. shank	29,25 €	08
705-08.00-A	8.00	705	HSS countersink 60° DIN 334, form A	nom.-Ø 8, cyl. shank	22,20 €	08
705-10.00-A	10.00	705	HSS countersink 60° DIN 334, form A	nom.-Ø 10, cyl. shank	28,10 €	08
705-12.50-A	12.50	705	HSS countersink 60° DIN 334, form A	nom.-Ø 12.5, cyl. shank	25,65 €	08
705-16.00-A	16.00	705	HSS countersink 60° DIN 334, form A	nom.-Ø 16, cyl. shank	36,15 €	08
705-20.00-A	20.00	705	HSS countersink 60° DIN 334, form A	nom.-Ø 20, cyl. shank	42,05 €	08
705-25.00-A	25.00	705	HSS countersink 60° DIN 334, form A	nom.-Ø 25, cyl. shank	64,15 €	08
705-31.50-A	31.50	705	HSS countersink 60° DIN 334, form A	nom.-Ø 31.5, cyl. shank	80,50 €	08



article code	Ø/size	cat.-no.	description 1	description 2	gross 2023	PG
706-25.00-B	25.00	706	HSS countersink 60° DIN 334, form A	nom.-Ø 25, MT- shank	89,90 €	08
706-31.50-B	31.50	706	HSS countersink 60° DIN 334, form A	nom.-Ø 31.5, MT- shank	112,00 €	08
706-40.00-B	40.00	706	HSS countersink 60° DIN 334, form A	nom.-Ø 40, MT- shank	165,60 €	08
706-50.00-B	50.00	706	HSS countersink 60° DIN 334, form A	nom.-Ø 50, MT- shank	249,60 €	08
706-63.00-B	63.00	706	HSS countersink 60° DIN 334, form A	nom.-Ø 63, MT- shank	403,40 €	08
706-80.00-B	80.00	706	HSS countersink 60° DIN 334, form A	nom.-Ø 80, MT- shank	848,85 €	08
707-06.00-A	6.00	707	HSS countersink 90° DIN 335, form A	nom.-Ø 6, cyl. shank	29,25 €	08
707-08.00-A	8.00	707	HSS countersink 90° DIN 335, form A	nom.-Ø 8, cyl. shank	22,20 €	08
707-10.00-A	10.00	707	HSS countersink 90° DIN 335, form A	nom.-Ø 10, cyl. shank	28,10 €	08
707-12.50-A	12.50	707	HSS countersink 90° DIN 335, form A	nom.-Ø 12.5, cyl. shank	20,05 €	08
707-16.00-A	16.00	707	HSS countersink 90° DIN 335, form A	nom.-Ø 16, cyl. shank	27,85 €	08
707-20.00-A	20.00	707	HSS countersink 90° DIN 335, form A	nom.-Ø 20, cyl. shank	33,60 €	08
707-25.00-A	25.00	707	HSS countersink 90° DIN 335, form A	nom.-Ø 25, cyl. shank	46,65 €	08
707-31.50-A	31.50	707	HSS countersink 90° DIN 335, form A	nom.-Ø 31.5, cyl. shank	60,75 €	08
708-25.00-B	25.00	708	HSS countersink 90° DIN 335, form B	nom.-Ø 25, MT- shank	71,20 €	08
708-31.50-B	31.50	708	HSS countersink 90° DIN 335, form B	nom.-Ø 31.5, MT- shank	85,35 €	08
708-40.00-B	40.00	708	HSS countersink 90° DIN 335, form B	nom.-Ø 40, MT- shank	133,00 €	08
708-50.00-B	50.00	708	HSS countersink 90° DIN 335, form B	nom.-Ø 50, MT- shank	191,55 €	08
708-63.00-B	63.00	708	HSS countersink 90° DIN 335, form B	nom.-Ø 63, MT- shank	390,60 €	08
708-80.00-B	80.00	708	HSS countersink 90° DIN 335, form B	nom.-Ø 80, MT- shank	577,20 €	08
711-M3	M3	711	HSS/E counterbore DIN 373, through hole fine	M 3 (6.0x3.2), cyl. shank	23,35 €	08
711-M3-N	M3	711	HSS/E counterbore DIN 373, through hole fine	M 3 (6.5x3.2), cyl. shank	23,70 €	08
711-M4	M4	711	HSS/E counterbore DIN 373, through hole fine	M4, cyl. shank	22,60 €	08
711-M5	M5	711	HSS/E counterbore DIN 373, through hole fine	M5, cyl. shank	25,70 €	08
711-M6	M6	711	HSS/E counterbore DIN 373, through hole fine	M6, cyl. shank	28,10 €	08
711-M8	M8	711	HSS/E counterbore DIN 373, through hole fine	M8, cyl. shank	36,85 €	08
711-M10	M10	711	HSS/E counterbore DIN 373, through hole fine	M10, cyl. shank	44,05 €	08
711-M12	M12	711	HSS/E counterbore DIN 373, through hole fine	M12, cyl. shank	52,70 €	08
711/1	Set	711	Set HSS/E counterb. DIN 373, through hole fine	M3 - M10, cyl. shank	179,85 €	08
712-M3	M3	712	HSS/E counterbore DIN 373, through hole middle	M 3 (6.0x3.4), cyl. shank	23,35 €	08
712-M3-N	M3	712	HSS/E counterbore DIN 373, through hole middle	M 3 (6.5x3.4), cyl. shank	23,35 €	08
712-M4	M4	712	HSS/E counterbore DIN 373, through hole middle	M4, cyl. shank	22,60 €	08
712-M5	M5	712	HSS/E counterbore DIN 373, through hole middle	M5, cyl. shank	25,70 €	08
712-M6	M6	712	HSS/E counterbore DIN 373, through hole middle	M6, cyl. shank	28,10 €	08
712-M8	M8	712	HSS/E counterbore DIN 373, through hole middle	M8, cyl. shank	36,85 €	08
712-M10	M10	712	HSS/E counterbore DIN 373, through hole middle	M10, cyl. shank	44,05 €	08
712-M12	M12	712	HSS/E counterbore DIN 373, through hole middle	M12, cyl. shank	52,70 €	08
712/1	Set	712	Set HSS/E counterbore, through hole middle	M3 - M10, cyl. shank	179,85 €	08
713-M3	M3	713	HSS/E counterbore DIN 373, core-removing hole	M3 (6.0x2.5), cyl. shank	26,20 €	08
713-M3-N	M3	713	HSS/E counterbore DIN 373, core-removing hole	M3 (6.5x2.5), cyl. shank	26,20 €	08
713-M4	M4	713	HSS/E counterbore DIN 373, core-removing hole	M4, cyl. shank	25,45 €	08
713-M5	M5	713	HSS/E counterbore DIN 373, core-removing hole	M5, cyl. shank	28,70 €	08
713-M6	M6	713	HSS/E counterbore DIN 373, core-removing hole	M6, cyl. shank	31,20 €	08
713-M8	M8	713	HSS/E counterbore DIN 373, core-removing hole	M8, cyl. shank	41,05 €	08
713-M10	M10	713	HSS/E counterbore DIN 373, core-removing hole	M10, cyl. shank	49,20 €	08
713-M12	M12	713	HSS/E counterbore DIN 373, core-removing hole	M12, cyl. shank	58,95 €	08
713/1	Set	713	Set HSS/E counterbore, core-removing hole	M3 - M10, cyl. shank	201,05 €	08
714-M3	M3	714	HSS/E+TiN counterb. DIN 373, through hole fine	M3 (6.0x3.2), cyl. shank	33,50 €	08
714-M3-N	M3	714	HSS/E+TiN counterb. DIN 373, through hole fine	M3 (6.5x3.2), cyl. shank	33,50 €	08
714-M4	M4	714	HSS/E+TiN counterb. DIN 373, through hole fine	M4, cyl. shank	35,05 €	08
714-M5	M5	714	HSS/E+TiN counterb. DIN 373, through hole fine	M5, cyl. shank	39,45 €	08
714-M6	M6	714	HSS/E+TiN counterb. DIN 373, through hole fine	M6, cyl. shank	42,95 €	08
714-M8	M8	714	HSS/E+TiN counterb. DIN 373, through hole fine	M8, cyl. shank	61,15 €	08
714-M10	M10	714	HSS/E+TiN counterb. DIN 373, through hole fine	M10, cyl. shank	74,05 €	08
714-M12	M12	714	HSS/E+TiN counterb. DIN 373, through hole fine	M12, cyl. shank	85,55 €	08
714/1	Set	714	Set HSS/E+TiN counterbore, through hole fine	M3 - M10, cyl. shank	285,60 €	08
715-M3	M3	715	HSS/E+TiN coounterb. DIN 373, through hole mid.	M3 (6,0x3,4), cyl. shank	33,50 €	08
715-M3-N	M3	715	HSS/E+TiN coounterb. DIN 373, through hole mid.	M3 (6,5x3,4), cyl. shank	33,50 €	08
715-M4	M4	715	HSS/E+TiN coounterb. DIN 373, through hole mid.	M4, cyl. shank	35,05 €	08
715-M5	M5	715	HSS/E+TiN coounterb. DIN 373, through hole mid.	M5, cyl. shank	39,45 €	08
715-M6	M6	715	HSS/E+TiN coounterb. DIN 373, through hole mid.	M6, cyl. shank	42,95 €	08
715-M8	M8	715	HSS/E+TiN coounterb. DIN 373, through hole mid.	M8, cyl. shank	61,15 €	08
715-M10	M10	715	HSS/E+TiN coounterb. DIN 373, through hole mid.	M10, cyl. shank	74,05 €	08
715-M12	M12	715	HSS/E+TiN coounterb. DIN 373, through hole mid.	M12, cyl. shank	85,55 €	08
715/1	Set	715	Set HSS/E+TiN counterbore, through hole middle	M3 - M10, cyl. shank	285,60 €	08
730-M2	M2	730	HSS counterbore DIN 373, through hole fine	M2, cyl. shank	25,95 €	08
730-M3	M3	730	HSS counterbore DIN 373, through hole fine	M3 (6.0x3.2), cyl. shank	17,20 €	08
730-M4	M4	730	HSS counterbore DIN 373, through hole fine	M4, cyl. shank	15,25 €	08
730-M5	M5	730	HSS counterbore DIN 373, through hole fine	M5, cyl. shank	16,60 €	08
730-M6	M6	730	HSS counterbore DIN 373, through hole fine	M6, cyl. shank	17,70 €	08
730-M8	M8	730	HSS counterbore DIN 373, through hole fine	M8, cyl. shank	28,70 €	08
730-M10	M10	730	HSS counterbore DIN 373, through hole fine	M10, cyl. shank	34,45 €	08
730-M12	M12	730	HSS counterbore DIN 373, through hole fine	M12, cyl. shank	38,00 €	08
730/1	Set	730	Set HSS counterb. DIN 373, through hole fine	M3 - M10, cyl. shank	141,55 €	08



article code	Ø/size	cat.-no.	description 1	description 2	gross 2023	PG
730/2	Set	730	Set HSS counterb. DIN 373, through hole middle	M3 - M10, cyl. shank	141,55 €	08
730/3	Set	730	Set HSS counterb. DIN 373, core-removing hole	M3 - M10, cyl. shank	155,00 €	08
731-M2	M2	731	HSS counterbore DIN 373, through hole middle	M2 (4.3x2.4), cyl. shank	43,15 €	08
731-M3	M3	731	HSS counterbore DIN 373, through hole middle	M3 (6.0x3.4), cyl. shank	17,20 €	08
731-M4	M4	731	HSS counterbore DIN 373, through hole middle	M4, cyl. shank	15,25 €	08
731-M5	M5	731	HSS counterbore DIN 373, through hole middle	M5, cyl. shank	16,60 €	08
731-M6	M6	731	HSS counterbore DIN 373, through hole middle	M6, cyl. shank	17,70 €	08
731-M8	M8	731	HSS counterbore DIN 373, through hole middle	M8, cyl. shank	28,70 €	08
731-M10	M10	731	HSS counterbore DIN 373, through hole middle	M10, cyl. shank	34,45 €	08
731-M12	M12	731	HSS counterbore DIN 373, through hole middle	M12, cyl. shank	37,05 €	08
732-M2	M2	732	HSS counterbore DIN 373, core-removing hole	M2 (4.3x1.6), cyl. shank	43,15 €	08
732-M3	M3	732	HSS counterbore DIN 373, core-removing hole	M3 (6.0x2.5), cyl. shank	19,95 €	08
732-M4	M4	732	HSS counterbore DIN 373, core-removing hole	M4, cyl. shank	19,25 €	08
732-M5	M5	732	HSS counterbore DIN 373, core-removing hole	M5, cyl. shank	20,20 €	08
732-M6	M6	732	HSS counterbore DIN 373, core-removing hole	M6, cyl. shank	21,35 €	08
732-M8	M8	732	HSS counterbore DIN 373, core-removing hole	M8, cyl. shank	30,75 €	08
732-M10	M10	732	HSS counterbore DIN 373, core-removing hole	M10, cyl. shank	37,15 €	08
735-M10-MK	M10	735	HSS counterbore MT-shank, through hole fine	M10, with fix pilot	47,90 €	08
735-M12-MK	M12	735	HSS counterbore MT-shank, through hole fine	M12, with fix pilot	50,75 €	08
735-M14-MK	M14	735	HSS counterbore MT-shank, through hole fine	M14, with fix pilot	59,90 €	08
735-M16-MK	M16	735	HSS counterbore MT-shank, through hole fine	M16, with fix pilot	67,50 €	08
735-M18-MK	M18	735	HSS counterbore MT-shank, through hole fine	M18, with fix pilot	78,80 €	08
735-M20-MK	M20	735	HSS counterbore MT-shank, through hole fine	M20, with fix pilot	93,20 €	08
735-M22-MK	M22	735	HSS counterbore MT-shank, through hole fine	M22, with fix pilot	125,80 €	08
735-M24-MK	M24	735	HSS counterbore MT-shank, through hole fine	M24, with fix pilot	132,15 €	08
736-M10-MK	M10	736	HSS counterbore MT-shank, through hole middle	M10, with fix pilot	46,60 €	08
736-M12-MK	M12	736	HSS counterbore MT-shank, through hole middle	M12, with fix pilot	49,30 €	08
736-M14-MK	M14	736	HSS counterbore MT-shank, through hole middle	M14, with fix pilot	58,25 €	08
736-M16-MK	M16	736	HSS counterbore MT-shank, through hole middle	M16, with fix pilot	65,55 €	08
736-M18-MK	M18	736	HSS counterbore MT-shank, through hole middle	M18, with fix pilot	77,30 €	08
736-M20-MK	M20	736	HSS counterbore MT-shank, through hole middle	M20, with fix pilot	90,65 €	08
736-M22-MK	M22	736	HSS counterbore MT-shank, through hole middle	M22, with fix pilot	122,15 €	08
736-M24-MK	M24	736	HSS counterbore MT-shank, through hole middle	M24, with fix pilot	128,40 €	08
755-31.50-D	31.50	755	Carbide-tipped countersink 60°, MT, 3 flutes	nom.-Ø 31.5	287,20 €	09
755-40.00-D	40.00	755	Carbide-tipped countersink 60°, MT, 3 flutes	nom.-Ø 40.0	394,10 €	09
756-25.00-D	25.00	756	Carbide-tipped countersink 90°, MT, 3 flutes	nom.-Ø 25.0	212,35 €	09
756-31.00-D	31.00	756	Carbide-tipped countersink 90°, MT, 3 flutes	nom.-Ø 31.0	228,50 €	09
756-40.00-D	40.00	756	Carbide-tipped countersink 90°, MT, 3 flutes	nom.-Ø 40.0	295,25 €	09
756-50.00-D	50.00	756	Carbide-tipped countersink 90°, MT, 3 flutes	nom.-Ø 50.0	376,80 €	09
760-04.30-C	4.30	760	HSS countersink 90° DIN 335, 3 flutes, form C	Ø 4.3, cyl. shank	9,95 €	08
760-05.00-C	5.00	760	HSS countersink 90° DIN 335, 3 flutes, form C	Ø 5.0, cyl. shank	9,95 €	08
760-05.30-C	5.30	760	HSS countersink 90° DIN 335, 3 flutes, form C	Ø 5.3, cyl. shank	10,05 €	08
760-05.80-C	5.80	760	HSS countersink 90° DIN 335, 3 flutes, form C	Ø 5.8, cyl. shank	10,45 €	08
760-06.00-C	6.00	760	HSS countersink 90° DIN 335, 3 flutes, form C	Ø 6.0, cyl. shank	10,05 €	08
760-06.30-C	6.30	760	HSS countersink 90° DIN 335, 3 flutes, form C	Ø 6.3, cyl. shank	10,05 €	08
760-07.00-C	7.00	760	HSS countersink 90° DIN 335, 3 flutes, form C	Ø 7.0, cyl. shank	11,00 €	08
760-07.30-C	7.30	760	HSS countersink 90° DIN 335, 3 flutes, form C	Ø 7.3, cyl. shank	11,00 €	08
760-08.00-C	8.00	760	HSS countersink 90° DIN 335, 3 flutes, form C	Ø 8.0, cyl. shank	11,00 €	08
760-08.30-C	8.30	760	HSS countersink 90° DIN 335, 3 flutes, form C	Ø 8.3, cyl. shank	11,20 €	08
760-09.40-C	9.40	760	HSS countersink 90° DIN 335, 3 flutes, form C	Ø 9.4, cyl. shank	13,25 €	08
760-10.00-C	10.00	760	HSS countersink 90° DIN 335, 3 flutes, form C	Ø 10.0, cyl. shank	13,25 €	08
760-10.40-C	10.40	760	HSS countersink 90° DIN 335, 3 flutes, form C	Ø 10.4, cyl. shank	13,50 €	08
760-11.50-C	11.50	760	HSS countersink 90° DIN 335, 3 flutes, form C	Ø 11.5, cyl. shank	14,35 €	08
760-12.40-C	12.40	760	HSS countersink 90° DIN 335, 3 flutes, form C	Ø 12.4, cyl. shank	14,35 €	08
760-13.40-C	13.40	760	HSS countersink 90° DIN 335, 3 flutes, form C	Ø 13.4, cyl. shank	15,40 €	08
760-15.00-C	15.00	760	HSS countersink 90° DIN 335, 3 flutes, form C	Ø 15.0, cyl. shank	16,70 €	08
760-16.50-C	16.50	760	HSS countersink 90° DIN 335, 3 flutes, form C	Ø 16.5, cyl. shank-Ø 10	17,60 €	08
760-19.00-C	19.00	760	HSS countersink 90° DIN 335, 3 flutes, form C	Ø 19.0, cyl. shank	24,45 €	08
760-20.50-C	20.50	760	HSS countersink 90° DIN 335, 3 flutes, form C	Ø 20.5, cyl. shank	24,45 €	08
760-20.50-C-8	20.50	760	HSS countersink 90° DIN 335, 3 flutes, form C	Ø 20.5, cyl. shank-Ø 8	29,00 €	08
760-23.00-C	23.00	760	HSS countersink 90° DIN 335, 3 flutes, form C	Ø 23.0, cyl. shank	32,20 €	08
760-25.00-C	25.00	760	HSS countersink 90° DIN 335, 3 flutes, form C	Ø 25.0, cyl. shank	33,75 €	08
760-25.00-C-8	25.00	760	HSS countersink 90° DIN 335, 3 flutes, form C	Ø 25.0, cyl. shank-Ø 8	49,75 €	08
760-26.00-C	26.00	760	HSS countersink 90° DIN 335, 3 flutes, form C	Ø 26.0, cyl. shank	48,35 €	08
760-28.00-C	28.00	760	HSS countersink 90° DIN 335, 3 flutes, form C	Ø 28.0, cyl. shank	48,05 €	08
760-30.00-C	30.00	760	HSS countersink 90° DIN 335, 3 flutes, form C	Ø 30.0, cyl. shank	50,60 €	08
760-31.00-C	31.00	760	HSS countersink 90° DIN 335, 3 flutes, form C	Ø 31.0, cyl. shank	50,60 €	08
760-40.00-C	40.00	760	HSS countersink 90° DIN 335, 3 flutes, form C	Ø 40.0, cyl. shank	86,60 €	08
760/1-6 - 19	Set	760	Set HSS countersink 90° DIN 335, form C	Ø 6 - 19 in box	108,70 €	08
760/1-6 - 25	Set	760	Set HSS countersink 90° DIN 335, form C	Ø 6 - 25 in box	141,55 €	08
760/1-6.3 - 20.5	Set	760	Set HSS countersink 90° DIN 335, form C	Ø 6.3 - 20.5 in box	110,20 €	08
760/1-6.3 - 25	Set	760	Set HSS countersink 90° DIN 335, form C	Ø 6.3 - 25 in box	142,90 €	08
760/2-6 - 19	Set	760	Set HSS+TiN countersink 90° DIN 335, form C	Ø 6 - 19 in box	185,60 €	08
760/2-6 - 25	Set	760	Set HSS+TiN countersink 90° DIN 335, form C	Ø 6 - 25 in box	244,85 €	08

article code	Ø/size	cat.-no.	description 1	description 2	gross 2023	PG
760/2-6.3 - 20.5	Set	760	Set HSS+TiN countersink 90° DIN 335, form C	Ø 6.3 - 20.5 in box	186,80 €	08
760/2-6.3 - 25	Set	760	Set HSS+TiN countersink 90° DIN 335, form C	Ø 6.3 - 25 in box	246,20 €	08
760/3-1	Set	760	Set HSS countersink 90° DIN 335, form C	Ø 6.3 - 25 in wooden block	178,75 €	08
760/3-1 TIN	Set	760	Set HSS+TiN countersink 90° DIN 335, form C	Ø 6.3 - 25 in wooden block	316,90 €	08
760/3-2	Set	760	Set HSS countersink 90° DIN 335, form C	Ø 5 - 23 in wooden block	157,35 €	08
760/3-2 TIN	Set	760	Set HSS+TiN countersink 90° DIN 335, form C	Ø 5 - 23 in wooden block	276,90 €	08
760/4-12.40	12.40	760	HSS deburring tool 90°, with plastic handle	Ø 12.4mm, 3 flutes	28,85 €	08
760/4-16.50	16.50	760	HSS deburring tool 90°, with plastic handle	Ø 16.5mm, 3 flutes	32,55 €	08
760/4-20.50	20.50	760	HSS deburring tool 90°, with plastic handle	Ø 20.5mm, 3 flutes	40,65 €	08
760/4-25.00	25.00	760	HSS deburring tool 90°, with plastic handle	Ø 25mm, 3 flutes	51,35 €	08
761-06.30-C	6.30	761	HSS countersink 82°, 3 flutes	Ø 6.3, cyl. shank	15,85 €	08
761-08.30-C	8.30	761	HSS countersink 82°, 3 flutes	Ø 8.3, cyl. shank	18,05 €	08
761-10.40-C	10.40	761	HSS countersink 82°, 3 flutes	Ø 10.4, cyl. shank	19,85 €	08
761-12.40-C	12.40	761	HSS countersink 82°, 3 flutes	Ø 12.4, cyl. shank	22,55 €	08
761-16.50-C	16.50	761	HSS countersink 82°, 3 flutes	Ø 16.5, cyl. shank	30,00 €	08
761-20.50-C	20.50	761	HSS countersink 82°, 3 flutes	Ø 20.5, cyl. shank	44,55 €	08
761-25.00-C	25.00	761	HSS countersink 82°, 3 flutes	Ø 25.0, cyl. shank	49,40 €	08
762-06.30-C	6.30	762	HSS countersink 60°, DIN 334, form C, 3 flutes	Ø 6.3, cyl. shank	10,65 €	08
762-08.00-C	8.00	762	HSS countersink 60°, DIN 334, form C, 3 flutes	Ø 8.0, cyl. shank	11,00 €	08
762-10.00-C	10.00	762	HSS countersink 60°, DIN 334, form C, 3 flutes	Ø 10.0, cyl. shank	13,70 €	08
762-12.50-C	12.50	762	HSS countersink 60°, DIN 334, form C, 3 flutes	Ø 12.5, cyl. shank	14,60 €	08
762-16.00-C	16.00	762	HSS countersink 60°, DIN 334, form C, 3 flutes	Ø 16.0, cyl. shank	17,70 €	08
762-20.00-C	20.00	762	HSS countersink 60°, DIN 334, form C, 3 flutes	Ø 20.0, cyl. shank	24,95 €	08
762-25.00-C	25.00	762	HSS countersink 60°, DIN 334, form C, 3 flutes	Ø 25.0, cyl. shank	34,05 €	08
762-30.00-C	30.00	762	HSS countersink 60°, DIN 334, form C, 3 flutes	Ø 30.0, cyl. shank	64,35 €	08
763-25.00-D	25.00	763	HSS countersink 60°, DIN 334, form D, 3 flutes	Ø 25.0, MT-shank	48,20 €	08
763-31.50-D	31.50	763	HSS countersink 60°, DIN 334, form D, 3 flutes	Ø 31.5, MT-shank	60,25 €	08
763-40.00-D	40.00	763	HSS countersink 60°, DIN 334, form D, 3 flutes	Ø 40.0, MT-shank	93,45 €	08
763-50.00-D	50.00	763	HSS countersink 60°, DIN 334, form D, 3 flutes	Ø 50.0, MT-shank	123,15 €	08
763-63.00-D	63.00	763	HSS countersink 60°, DIN 334, form D, 3 flutes	Ø 63.0, MT-shank	237,35 €	08
763-80.00-D	80.00	763	HSS countersink 60°, DIN 334, form D, 3 flutes	Ø 80.0, MT-shank	413,90 €	08
764-06.00-C	6.00	764	HSS/E countersink 90°, sim. DIN 335C extem UE	Ø 6.0, cyl. shank	14,35 €	08
764-06.30-C	6.30	764	HSS/E countersink 90°, sim. DIN 335C extem UE	Ø 6.3, cyl. shank	14,35 €	08
764-08.00-C	8.00	764	HSS/E countersink 90°, sim. DIN 335C extem UE	Ø 8.0, cyl. shank	16,10 €	08
764-08.30-C	8.30	764	HSS/E countersink 90°, sim. DIN 335C extem UE	Ø 8.3, cyl. shank	16,45 €	08
764-10.00-C	10.00	764	HSS/E countersink 90°, sim. DIN 335C extem UE	Ø 10.0, cyl. shank	19,10 €	08
764-10.40-C	10.40	764	HSS/E countersink 90°, sim. DIN 335C extem UE	Ø 10.4, cyl. shank	19,65 €	08
764-11.50-C	11.50	764	HSS/E countersink 90°, sim. DIN 335C extem UE	Ø 11.5, cyl. shank	20,95 €	08
764-12.40-C	12.40	764	HSS/E countersink 90°, sim. DIN 335C extem UE	Ø 12.4, cyl. shank	20,95 €	08
764-15.00-C	15.00	764	HSS/E countersink 90°, sim. DIN 335C extem UE	Ø 15.0, cyl. shank	24,05 €	08
764-16.50-C	16.50	764	HSS/E countersink 90°, sim. DIN 335C extem UE	Ø 16.5, cyl. shank	25,65 €	08
764-19.00-C	19.00	764	HSS/E countersink 90°, sim. DIN 335C extem UE	Ø 19.0, cyl. shank	35,55 €	08
764-20.50-C	20.50	764	HSS/E countersink 90°, sim. DIN 335C extem UE	Ø 20.5, cyl. shank	35,55 €	08
764-25.00-C	25.00	764	HSS/E countersink 90°, sim. DIN 335C extem UE	Ø 25.0, cyl. shank	48,80 €	08
764-31.00-C	31.00	764	HSS/E countersink 90°, sim. DIN 335C extem UE	Ø 31.0, cyl. shank	73,50 €	08
764-40.00-C	40.00	764	HSS/E countersink 90°, sim. DIN 335C extem UE	Ø 40.0, cyl. shank	133,35 €	08
765-16.50-D	16.50	765	HSS countersink 90° DIN 335, 3 flutes, form D	Ø 16.5, MT-shank	45,20 €	08
765-20.50-D	20.50	765	HSS countersink 90° DIN 335, 3 flutes, form D	Ø 20.5, MT-shank	52,05 €	08
765-25.00-D	25.00	765	HSS countersink 90° DIN 335, 3 flutes, form D	Ø 25.0, MT-shank	53,10 €	08
765-30.00-D	30.00	765	HSS countersink 90° DIN 335, 3 flutes, form D	Ø 30.0, MT-shank	58,15 €	08
765-31.00-D	31.00	765	HSS countersink 90° DIN 335, 3 flutes, form D	Ø 31.0, MT-shank	58,15 €	08
765-34.00-D	34.00	765	HSS countersink 90° DIN 335, 3 flutes, form D	Ø 34.0, MT-shank	63,40 €	08
765-37.00-D	37.00	765	HSS countersink 90° DIN 335, 3 flutes, form D	Ø 37.0, MT-shank	67,75 €	08
765-40.00-D	40.00	765	HSS countersink 90° DIN 335, 3 flutes, form D	Ø 40.0, MT-shank	85,25 €	08
765-50.00-D	50.00	765	HSS countersink 90° DIN 335, 3 flutes, form D	Ø 50.0, MT-shank	106,85 €	08
765-63.00-D	63.00	765	HSS countersink 90° DIN 335, 3 flutes, form D	Ø 63.0, MT-shank	174,60 €	08
765-80.00-D	80.00	765	HSS countersink 90° DIN 335, 3 flutes, form D	Ø 80.0, MT-shank	295,80 €	08
765-100.00-D	100.00	765	HSS countersink 90° DIN 335, 3 flutes, form D	Ø 100.0, MT-shank	679,30 €	08
768-10.00-A	10.00	768	HSS/E countersink + debur.tool 90°, cyl., form A	Ø 10 inclined drill hole	12,80 €	08
768-14.00-A	14.00	768	HSS/E countersink + debur.tool 90°, cyl., form A	Ø 14 inclined drill hole	17,30 €	08
768-21.00-A	21.00	768	HSS/E countersink + debur.tool 90°, cyl., form A	Ø 21 inclined drill hole	27,10 €	08
768-28.00-A	28.00	768	HSS/E countersink + debur.tool 90°, cyl., form A	Ø 28 inclined drill hole	62,00 €	08
768-35.00-A	35.00	768	HSS/E countersink + debur.tool 90°, cyl., form A	Ø 35 inclined drill hole	90,80 €	08
768/A	Set	768	Set HSS/E countersink + debur.tool 90°, cyl., A	Ø 10, 14, 21, 28 in box	141,15 €	08
770-06.30-C	6.30	770	HSS+TiN countersink 60° DIN 334C, 3 flutes	Ø 6,3, cyl. shank	18,85 €	08
770-08.00-C	8.00	770	HSS+TiN countersink 60° DIN 334C, 3 flutes	Ø 8,0, cyl. shank	20,85 €	08
770-10.00-C	10.00	770	HSS+TiN countersink 60° DIN 334C, 3 flutes	Ø 10,0, cyl. shank	25,25 €	08
770-12.50-C	12.50	770	HSS+TiN countersink 60° DIN 334C, 3 flutes	Ø 12,5, cyl. shank	28,70 €	08
770-16.00-C	16.00	770	HSS+TiN countersink 60° DIN 334C, 3 flutes	Ø 16,0, cyl. shank	32,30 €	08
770-20.00-C	20.00	770	HSS+TiN countersink 60° DIN 334C, 3 flutes	Ø 20,0, cyl. shank	45,45 €	08
770-25.00-C	25.00	770	HSS+TiN countersink 60° DIN 334C, 3 flutes	Ø 25,0, cyl. shank	60,85 €	08
771-08.00-C	8.00	771	Carbide-tipped countersink 60°, cyl., 3 flutes	nom.-Ø 8.0	134,95 €	09
771-10.00-C	10.00	771	Carbide-tipped countersink 60°, cyl., 3 flutes	nom.-Ø 10.0	136,35 €	09
771-12.50-C	12.50	771	Carbide-tipped countersink 60°, cyl., 3 flutes	nom.-Ø 12.5	138,20 €	09



article code	Ø/size	cat.-no.	description 1	description 2	gross 2023	PG
771-16.00-C	16.00	771	Carbide-tipped countersink 60°, cyl., 3 flutes	nom.-Ø 16.0	196,05 €	09
771-20.00-C	20.00	771	Carbide-tipped countersink 60°, cyl., 3 flutes	nom.-Ø 20.0	225,85 €	09
771-25.00-C	25.00	771	Carbide-tipped countersink 60°, cyl., 3 flutes	nom.-Ø 25.0	253,85 €	09
772-08.00-A	8.00	772	HSS countersink 75°, 3 flutes, form A	Ø 8.0, cyl. shank	18,05 €	08
772-10.40-A	10.40	772	HSS countersink 75°, 3 flutes, form A	Ø 10.4, cyl. shank	24,75 €	08
772-12.50-A	12.50	772	HSS countersink 75°, 3 flutes, form A	Ø 12.0, cyl. shank	22,55 €	08
772-15.00-A	15.00	772	HSS countersink 75°, 3 flutes, form A	Ø 15.0, cyl. shank	30,00 €	08
772-16.50-A	16.50	772	HSS countersink 75°, 3 flutes, form A	Ø 16.5, cyl. shank	37,50 €	08
772-20.00-A	20.00	772	HSS countersink 75°, 3 flutes, form A	Ø 20.0, cyl. shank	44,55 €	08
772-25.00-A	25.00	772	HSS countersink 75°, 3 flutes, form A	Ø 25.0, cyl. shank	49,40 €	08
774-06.00-C	6.00	774	HSS countersink 80°, 3 flutes, form C	Ø 6.0, cyl. shank	15,85 €	08
774-08.00-C	8.00	774	HSS countersink 80°, 3 flutes, form C	Ø 8.0, cyl. shank	18,05 €	08
774-10.00-C	10.00	774	HSS countersink 80°, 3 flutes, form C	Ø 10.0, cyl. shank	30,50 €	08
774-13.40-C	13.40	774	HSS countersink 80°, 3 flutes, form C	Ø 13.4, cyl. shank	22,55 €	08
774-16.50-C	16.50	774	HSS countersink 80°, 3 flutes, form C	Ø 16.5, cyl. shank	30,00 €	08
774-20.50-C	20.50	774	HSS countersink 80°, 3 flutes, form C	Ø 20.5, cyl. shank	44,55 €	08
776-04.30-C	4.30	776	HSS+TiN countersink 90° DIN 335C, 3 flutes	Ø 4,3, cyl. shank	18,10 €	08
776-05.00-C	5.00	776	HSS+TiN countersink 90° DIN 335C, 3 flutes	Ø 5,0, cyl. shank	18,10 €	08
776-05.30-C	5.30	776	HSS+TiN countersink 90° DIN 335C, 3 flutes	Ø 5,3, cyl. shank	18,10 €	08
776-06.00-C	6.00	776	HSS+TiN countersink 90° DIN 335C, 3 flutes	Ø 6,0, cyl. shank	18,40 €	08
776-06.30-C	6.30	776	HSS+TiN countersink 90° DIN 335C, 3 flutes	Ø 6,3, cyl. shank	18,40 €	08
776-07.00-C	7.00	776	HSS+TiN countersink 90° DIN 335C, 3 flutes	Ø 7,0, cyl. shank	20,85 €	08
776-07.30-C	7.30	776	HSS+TiN countersink 90° DIN 335C, 3 flutes	Ø 7,3, cyl. shank	20,85 €	08
776-08.00-C	8.00	776	HSS+TiN countersink 90° DIN 335C, 3 flutes	Ø 8,0, cyl. shank	20,85 €	08
776-08.30-C	8.30	776	HSS+TiN countersink 90° DIN 335C, 3 flutes	Ø 8,3, cyl. shank	21,15 €	08
776-10.00-C	10.00	776	HSS+TiN countersink 90° DIN 335C, 3 flutes	Ø 10,0, cyl. shank	24,85 €	08
776-10.40-C	10.40	776	HSS+TiN countersink 90° DIN 335C, 3 flutes	Ø 10,4, cyl. shank	25,10 €	08
776-11.50-C	11.50	776	HSS+TiN countersink 90° DIN 335C, 3 flutes	Ø 11,5, cyl. shank	26,85 €	08
776-12.40-C	12.40	776	HSS+TiN countersink 90° DIN 335C, 3 flutes	Ø 12,4, cyl. shank	26,85 €	08
776-15.00-C	15.00	776	HSS+TiN countersink 90° DIN 335C, 3 flutes	Ø 15,0, cyl. shank	31,30 €	08
776-16.50-C	16.50	776	HSS+TiN countersink 90° DIN 335C, 3 flutes	Ø 16,5, cyl. shank	32,20 €	08
776-19.00-C	19.00	776	HSS+TiN countersink 90° DIN 335C, 3 flutes	Ø 19,0, cyl. shank	45,00 €	08
776-20.50-C	20.50	776	HSS+TiN countersink 90° DIN 335C, 3 flutes	Ø 20,5, cyl. shank	45,00 €	08
776-23.00-C	23.00	776	HSS+TiN countersink 90° DIN 335C, 3 flutes	Ø 23,0, cyl. shank	58,15 €	08
776-25.00-C	25.00	776	HSS+TiN countersink 90° DIN 335C, 3 flutes	Ø 25,0, cyl. shank	60,50 €	08
776-31.00-C	31.00	776	HSS+TiN countersink 90° DIN 335C, 3 flutes	Ø 31,0, cyl. shank	82,50 €	08
776-40.00-C	40.00	776	HSS+TiN countersink 90° DIN 335C, 3 flutes	Ø 40,0, cyl. shank	162,75 €	08
777-30.00-D	30.00	777	HSS+TiN countersink 90° DIN 335D, 3 flutes	Ø 30,0, MT-shank	104,90 €	08
777-31.00-D	31.00	777	HSS+TiN countersink 90° DIN 335D, 3 flutes	Ø 31,0, MT-shank	106,60 €	08
777-34.00-D	34.00	777	HSS+TiN countersink 90° DIN 335D, 3 flutes	Ø 34,0, MT-shank	154,35 €	08
777-37.00-D	37.00	777	HSS+TiN countersink 90° DIN 335D, 3 flutes	Ø 37,0, MT-shank	159,10 €	08
777-40.00-D	40.00	777	HSS+TiN countersink 90° DIN 335D, 3 flutes	Ø 40,0, MT-shank	186,65 €	08
777-50.00-D	50.00	777	HSS+TiN countersink 90° DIN 335D, 3 flutes	Ø 50,0, MT-shank	217,90 €	08
778-06.00-C	6.00	778	Carbide-tipped countersink 90°, cyl., 3 flutes	nom.-Ø 6.0	119,50 €	09
778-06.30-C	6.30	778	Carbide-tipped countersink 90°, cyl., 3 flutes	nom.-Ø 6.3	120,20 €	09
778-08.00-C	8.00	778	Carbide-tipped countersink 90°, cyl., 3 flutes	nom.-Ø 8.0	121,50 €	09
778-08.30-C	8.30	778	Carbide-tipped countersink 90°, cyl., 3 flutes	nom.-Ø 8.3	121,60 €	09
778-10.00-C	10.00	778	Carbide-tipped countersink 90°, cyl., 3 flutes	nom.-Ø 10.0	112,10 €	09
778-10.40-C	10.40	778	Carbide-tipped countersink 90°, cyl., 3 flutes	nom.-Ø 10.4	112,10 €	09
778-11.50-C	11.50	778	Carbide-tipped countersink 90°, cyl., 3 flutes	nom.-Ø 11.5	115,90 €	09
778-12.40-C	12.40	778	Carbide-tipped countersink 90°, cyl., 3 flutes	nom.-Ø 12.4	113,90 €	09
778-15.00-C	15.00	778	Carbide-tipped countersink 90°, cyl., 3 flutes	nom.-Ø 15.0	140,05 €	09
778-16.50-C	16.50	778	Carbide-tipped countersink 90°, cyl., 3 flutes	nom.-Ø 16.5	143,70 €	09
778-20.50-C	20.50	778	Carbide-tipped countersink 90°, cyl., 3 flutes	nom.-Ø 20.5	173,55 €	09
778-25.00-C	25.00	778	Carbide-tipped countersink 90°, cyl., 3 flutes	nom.-Ø 25.0	199,75 €	09
778-31.00-C	31.00	778	Carbide-tipped countersink 90°, cyl., 3 flutes	nom.-Ø 31.0	294,85 €	09
779-06.30-C	6.30	779	HSS countersink 100°, form C, 3 flutes	Ø 6.3, cyl. shank	15,85 €	08
779-08.00-C	8.00	779	HSS countersink 100°, form C, 3 flutes	Ø 8.0, cyl. shank	17,70 €	08
779-10.40-C	10.40	779	HSS countersink 100°, form C, 3 flutes	Ø 10.4, cyl. shank	19,70 €	08
779-12.40-C	12.40	779	HSS countersink 100°, form C, 3 flutes	Ø 12.4, cyl. shank	22,35 €	08
779-16.50-C	16.50	779	HSS countersink 100°, form C, 3 flutes	Ø 16.5, cyl. shank	29,95 €	08
779-20.50-C	20.50	779	HSS countersink 100°, form C, 3 flutes	Ø 20.5, cyl. shank	44,30 €	08
779-25.00-C	25.00	779	HSS countersink 100°, form C, 3 flutes	Ø 25.0, cyl. shank	49,30 €	08
780-06.30-C	6.30	780	HSS countersink 120°, form C, 3 flutes	Ø 6.3, cyl. shank	15,85 €	08
780-08.00-C	8.00	780	HSS countersink 120°, form C, 3 flutes	Ø 8.0, cyl. shank	17,70 €	08
780-12.50-C	12.50	780	HSS countersink 120°, form C, 3 flutes	Ø 12.5, cyl. shank	22,35 €	08
780-14.40-C	14.40	780	HSS countersink 120°, form C, 3 flutes	Ø 14.4, cyl. shank	28,95 €	08
780-16.00-C	16.00	780	HSS countersink 120°, form C, 3 flutes	Ø 16.0, cyl. shank	29,95 €	08
780-20.00-C	20.00	780	HSS countersink 120°, form C, 3 flutes	Ø 20.0, cyl. shank	44,30 €	08
780-25.00-C	25.00	780	HSS countersink 120°, form C, 3 flutes	Ø 25.0, cyl. shank	49,30 €	08
781-25.00-D	25.00	781	HSS countersink 120°. form D. 3 flutes	Ø 25.0, MT-shank	55,50 €	08
781-31.50-D	31.50	781	HSS countersink 120°. form D. 3 flutes	Ø 31.5, MT-shank	68,60 €	08
781-40.00-D	40.00	781	HSS countersink 120°. form D. 3 flutes	Ø 40.0, MT-shank	106,85 €	08
781-50.00-D	50.00	781	HSS countersink 120°. form D. 3 flutes	Ø 50.0, MT-shank	140,75 €	08



article code	Ø/size	cat.-no.	description 1	description 2	gross 2023	PG
781-63.00-D	63.00	781	HSS countersink 120°. form D. 3 flutes	Ø 63.0, MT-shank	291,45 €	08
784-10.00-A	10.00	784	HSS/E+TiN countersink + debur.tool 90°, form A	Ø 10 inclined drill hole, cyl.	24,85 €	08
784-14.00-A	14.00	784	HSS/E+TiN countersink + debur.tool 90°, form A	Ø 14 inclined drill hole, cyl.	32,75 €	08
784-21.00-A	21.00	784	HSS/E+TiN countersink + debur.tool 90°, form A	Ø 21 inclined drill hole, cyl.	54,30 €	08
784-28.00-A	28.00	784	HSS/E+TiN countersink + debur.tool 90°, form A	Ø 28 inclined drill hole, cyl.	101,70 €	08
784-35.00-A	35.00	784	HSS/E+TiN countersink + debur.tool 90°, form A	Ø 35 inclined drill hole, cyl.	159,15 €	08
786-05.00-A	5.00	786	HSS/E countersink 90°, cyl., 1 flute, form A	Ø 05.0, cyl. shank	12,70 €	08
786-10.00-A	10.00	786	HSS/E countersink 90°, cyl., 1 flute, form A	Ø 10.0, cyl. shank	13,50 €	08
786-15.00-A	15.00	786	HSS/E countersink 90°, cyl., 1 flute, form A	Ø 15.0, cyl. shank	18,50 €	08
786-20.00-A	20.00	786	HSS/E countersink 90°, cyl., 1 flute, form A	Ø 20.0, cyl. shank	26,30 €	08
786-25.00-A	25.00	786	HSS/E countersink 90°, cyl., 1 flute, form A	Ø 25.0, cyl. shank	39,95 €	08
786-30.00-A	30.00	786	HSS/E countersink 90°, cyl., 1 flute, form A	Ø 30.0, cyl. shank	65,65 €	08
786-40.00-A	40.00	786	HSS/E countersink 90°, cyl., 1 flute, form A	Ø 40.0, cyl. shank	87,45 €	08
786-50.00-A	50.00	786	HSS/E countersink 90°, cyl., 1 flute, form A	Ø 50.0, cyl. shank	130,60 €	08
795-06.30-C	6.30	795	HSS countersink 90°, long, 3 flutes	Ø 6.3, cyl. shank 100mm	31,85 €	08
795-08.30-C	8.30	795	HSS countersink 90°, long, 3 flutes	Ø 8.3, cyl. shank 100mm	33,35 €	08
795-10.40-C	10.40	795	HSS countersink 90°, long, 3 flutes	Ø 10.4, cyl. shank 100mm	36,25 €	08
795-12.40-C	12.40	795	HSS countersink 90°, long, 3 flutes	Ø 12.4, cyl. shank 100mm	37,50 €	08
795-16.50-C	16.50	795	HSS countersink 90°, long, 3 flutes	Ø 16.5, cyl. shank 100mm	46,30 €	08
795-20.50-C	20.50	795	HSS countersink 90°, long, 3 flutes	Ø 20.5, cyl. shank 100mm	65,10 €	08
795-25.00-C	25.00	795	HSS countersink 90°, long, 3 flutes	Ø 25, cyl. shank 100mm	89,50 €	08
795-31.00-C	31.00	795	HSS countersink 90°, long, 3 flutes	Ø 31, cyl. shank 100mm	153,00 €	08
796-06.30-C	6.30	796	HSS countersink 90°, extra long, 3 flutes	Ø 6.3, cyl. shank 150mm	39,10 €	08
796-08.30-C	8.30	796	HSS countersink 90°, extra long, 3 flutes	Ø 8.3, cyl. shank 150mm	40,60 €	08
796-10.40-C	10.40	796	HSS countersink 90°, extra long, 3 flutes	Ø 10.4, cyl. shank 150mm	44,90 €	08
796-12.40-C	12.40	796	HSS countersink 90°, extra long, 3 flutes	Ø 12.4, cyl. shank 150mm	49,20 €	08
796-16.50-C	16.50	796	HSS countersink 90°, extra long, 3 flutes	Ø 16.5, cyl. shank 150mm	60,70 €	08
796-20.50-C	20.50	796	HSS countersink 90°, extra long, 3 flutes	Ø 20.5, cyl. shank 150mm	83,80 €	08
796-25.00-C	25.00	796	HSS countersink 90°, extra long, 3 flutes	Ø 25, cyl. shank 150mm	115,50 €	08
796-31.00-C	31.00	796	HSS countersink 90°, extra long, 3 flutes	Ø 31, cyl. shank 150mm	199,15 €	08
797-100	Set	797	Set HSS 100mm long countersink 90° DIN 335C	Ø 6.3,20.5 mm, in box	267,80 €	08
797-150	Set	797	Set HSS 150mm long countersink 90° DIN 335C	Ø 6.3,20.5 mm, in box	335,05 €	08
NC399-00.90	0.90	NC399	HSS/E NC machine reamer DIN 212 1/100	Ø 0.90, +0.003/0, spiral	24,85 €	01/1
NC399-00.91	0.91	NC399	HSS/E NC machine reamer DIN 212 1/100	Ø 0.91, +0.003/0, spiral	24,85 €	01/1
NC399-00.92	0.92	NC399	HSS/E NC machine reamer DIN 212 1/100	Ø 0.92, +0.003/0, spiral	24,85 €	01/1
NC399-00.93	0.93	NC399	HSS/E NC machine reamer DIN 212 1/100	Ø 0.93, +0.003/0, spiral	24,85 €	01/1
NC399-00.94	0.94	NC399	HSS/E NC machine reamer DIN 212 1/100	Ø 0.94, +0.003/0, spiral	24,85 €	01/1
NC399-00.95	0.95	NC399	HSS/E NC machine reamer DIN 212 1/100	Ø 0.95, +0.003/0, spiral	24,85 €	01/1
NC399-00.96	0.96	NC399	HSS/E NC machine reamer DIN 212 1/100	Ø 0.96, +0.003/0, spiral	24,85 €	01/1
NC399-00.97	0.97	NC399	HSS/E NC machine reamer DIN 212 1/100	Ø 0.97, +0.003/0, spiral	24,85 €	01/1
NC399-00.98	0.98	NC399	HSS/E NC machine reamer DIN 212 1/100	Ø 0.98, +0.003/0, spiral	24,85 €	01/1
NC399-00.99	0.99	NC399	HSS/E NC machine reamer DIN 212 1/100	Ø 0.99, +0.003/0, spiral	24,85 €	01/1
NC399-01.00	1.00	NC399	HSS/E NC machine reamer DIN 212 1/100	Ø 1.00, +0.003/0, spiral	24,85 €	01/1
NC399-01.01	1.01	NC399	HSS/E NC machine reamer DIN 212 1/100	Ø 1.01, +0.003/0, spiral	24,85 €	01/1
NC399-01.02	1.02	NC399	HSS/E NC machine reamer DIN 212 1/100	Ø 1.02, +0.003/0, spiral	24,85 €	01/1
NC399-01.03	1.03	NC399	HSS/E NC machine reamer DIN 212 1/100	Ø 1.03, +0.003/0, spiral	24,85 €	01/1
NC399-01.04	1.04	NC399	HSS/E NC machine reamer DIN 212 1/100	Ø 1.04, +0.003/0, spiral	24,85 €	01/1
NC399-01.05	1.05	NC399	HSS/E NC machine reamer DIN 212 1/100	Ø 1.05, +0.003/0, spiral	24,85 €	01/1
NC399-01.06	1.06	NC399	HSS/E NC machine reamer DIN 212 1/100	Ø 1.06, +0.003/0, spiral	24,85 €	01/1
NC399-01.07	1.07	NC399	HSS/E NC machine reamer DIN 212 1/100	Ø 1.07, +0.003/0, spiral	24,85 €	01/1
NC399-01.08	1.08	NC399	HSS/E NC machine reamer DIN 212 1/100	Ø 1.08, +0.003/0, spiral	24,85 €	01/1
NC399-01.09	1.09	NC399	HSS/E NC machine reamer DIN 212 1/100	Ø 1.09, +0.003/0, spiral	24,85 €	01/1
NC399-01.10	1.10	NC399	HSS/E NC machine reamer DIN 212 1/100	Ø 1.10, +0.003/0, spiral	24,85 €	01/1
NC399-01.11	1.11	NC399	HSS/E NC machine reamer DIN 212 1/100	Ø 1.11, +0.003/0, spiral	24,85 €	01/1
NC399-01.12	1.12	NC399	HSS/E NC machine reamer DIN 212 1/100	Ø 1.12, +0.003/0, spiral	24,85 €	01/1
NC399-01.13	1.13	NC399	HSS/E NC machine reamer DIN 212 1/100	Ø 1.13, +0.003/0, spiral	24,85 €	01/1
NC399-01.14	1.14	NC399	HSS/E NC machine reamer DIN 212 1/100	Ø 1.14, +0.003/0, spiral	24,85 €	01/1
NC399-01.15	1.15	NC399	HSS/E NC machine reamer DIN 212 1/100	Ø 1.15, +0.003/0, spiral	24,85 €	01/1
NC399-01.16	1.16	NC399	HSS/E NC machine reamer DIN 212 1/100	Ø 1.16, +0.003/0, spiral	24,85 €	01/1
NC399-01.17	1.17	NC399	HSS/E NC machine reamer DIN 212 1/100	Ø 1.17, +0.003/0, spiral	24,85 €	01/1
NC399-01.18	1.18	NC399	HSS/E NC machine reamer DIN 212 1/100	Ø 1.18, +0.003/0, spiral	24,85 €	01/1
NC399-01.19	1.19	NC399	HSS/E NC machine reamer DIN 212 1/100	Ø 1.19, +0.003/0, spiral	24,85 €	01/1
NC399-01.20	1.20	NC399	HSS/E NC machine reamer DIN 212 1/100	Ø 1.20, +0.003/0, spiral	24,85 €	01/1
NC399-01.21	1.21	NC399	HSS/E NC machine reamer DIN 212 1/100	Ø 1.21, +0.003/0, spiral	24,85 €	01/1
NC399-01.22	1.22	NC399	HSS/E NC machine reamer DIN 212 1/100	Ø 1.22, +0.003/0, spiral	24,85 €	01/1
NC399-01.23	1.23	NC399	HSS/E NC machine reamer DIN 212 1/100	Ø 1.23, +0.003/0, spiral	24,85 €	01/1
NC399-01.24	1.24	NC399	HSS/E NC machine reamer DIN 212 1/100	Ø 1.24, +0.003/0, spiral	24,85 €	01/1
NC399-01.25	1.25	NC399	HSS/E NC machine reamer DIN 212 1/100	Ø 1.25, +0.003/0, spiral	24,85 €	01/1
NC399-01.26	1.26	NC399	HSS/E NC machine reamer DIN 212 1/100	Ø 1.26, +0.003/0, spiral	24,85 €	01/1
NC399-01.27	1.27	NC399	HSS/E NC machine reamer DIN 212 1/100	Ø 1.27, +0.003/0, spiral	24,85 €	01/1
NC399-01.28	1.28	NC399	HSS/E NC machine reamer DIN 212 1/100	Ø 1.28, +0.003/0, spiral	24,85 €	01/1
NC399-01.29	1.29	NC399	HSS/E NC machine reamer DIN 212 1/100	Ø 1.29, +0.003/0, spiral	24,85 €	01/1
NC399-01.30	1.30	NC399	HSS/E NC machine reamer DIN 212 1/100	Ø 1.30, +0.003/0, spiral	24,85 €	01/1
NC399-01.31	1.31	NC399	HSS/E NC machine reamer DIN 212 1/100	Ø 1.31, +0.003/0, spiral	24,85 €	01/1























































article code	Ø/size	cat.-no.	description 1	description 2	gross 2023	PG
NC407-19.00-D-TIN	19.00	NC407TIN	HSS/E+TiN NC machine reamer DIN 212	Ø 19 H7, spiral, NC-shank	159,95 €	01/2
NC407-20.00-D-TIN	20.00	NC407TIN	HSS/E+TiN NC machine reamer DIN 212	Ø 20 H7, spiral, NC-shank	156,05 €	01/2
NC6011-01.00-B	1.00	NC6011	Solid carb. NC mach.reamer H7 sim. DIN 8093	Ø 1 H7, spiral	48,10 €	05
NC6011-01.20-B	1.20	NC6011	Solid carb. NC mach.reamer H7 sim. DIN 8093	Ø 1.2 H7, spiral	48,10 €	05
NC6011-01.40-B	1.40	NC6011	Solid carb. NC mach.reamer H7 sim. DIN 8093	Ø 1.4 H7, spiral	48,10 €	05
NC6011-01.50-B	1.50	NC6011	Solid carb. NC mach.reamer H7 sim. DIN 8093	Ø 1.5 H7, spiral	43,15 €	05
NC6011-01.60-B	1.60	NC6011	Solid carb. NC mach.reamer H7 sim. DIN 8093	Ø 1.6 H7, spiral	44,50 €	05
NC6011-01.80-B	1.80	NC6011	Solid carb. NC mach.reamer H7 sim. DIN 8093	Ø 1.8 H7, spiral	50,65 €	05
NC6011-02.00-B	2.00	NC6011	Solid carb. NC mach.reamer H7 sim. DIN 8093	Ø 2 H7, spiral	41,95 €	05
NC6011-02.20-B	2.20	NC6011	Solid carb. NC mach.reamer H7 sim. DIN 8093	Ø 2.2 H7, spiral	54,25 €	05
NC6011-02.50-B	2.50	NC6011	Solid carb. NC mach.reamer H7 sim. DIN 8093	Ø 2.5 H7, spiral	48,10 €	05
NC6011-02.80-B	2.80	NC6011	Solid carb. NC mach.reamer H7 sim. DIN 8093	Ø 2.8 H7, spiral	51,85 €	05
NC6011-03.00-B	3.00	NC6011	Solid carb. NC mach.reamer H7 sim. DIN 8093	Ø 3 H7, spiral	53,00 €	05
NC6011-03.20-B	3.20	NC6011	Solid carb. NC mach.reamer H7 sim. DIN 8093	Ø 3.2 H7, spiral	60,35 €	05
NC6011-03.50-B	3.50	NC6011	Solid carb. NC mach.reamer H7 sim. DIN 8093	Ø 3.5 H7, spiral	59,10 €	05
NC6011-04.00-B	4.00	NC6011	Solid carb. NC mach.reamer H7 sim. DIN 8093	Ø 4 H7, spiral	59,10 €	05
NC6011-04.50-B	4.50	NC6011	Solid carb. NC mach.reamer H7 sim. DIN 8093	Ø 4.5 H7, spiral	70,25 €	05
NC6011-05.00-B	5.00	NC6011	Solid carb. NC mach.reamer H7 sim. DIN 8093	Ø 5 H7, spiral	70,25 €	05
NC6011-05.50-B	5.50	NC6011	Solid carb. NC mach.reamer H7 sim. DIN 8093	Ø 5.5 H7, spiral	87,45 €	05
NC6011-06.00-B	6.00	NC6011	Solid carb. NC mach.reamer H7 sim. DIN 8093	Ø 6 H7, spiral	80,10 €	05
NC6011-06.50-B	6.50	NC6011	Solid carb. NC mach.reamer H7 sim. DIN 8093	Ø 6.5 H7, spiral	105,95 €	05
NC6011-07.00-B	7.00	NC6011	Solid carb. NC mach.reamer H7 sim. DIN 8093	Ø 7 H7, spiral	108,35 €	05
NC6011-07.50-B	7.50	NC6011	Solid carb. NC mach.reamer H7 sim. DIN 8093	Ø 7.5 H7, spiral	113,25 €	05
NC6011-08.00-B	8.00	NC6011	Solid carb. NC mach.reamer H7 sim. DIN 8093	Ø 8 H7, spiral	113,25 €	05
NC6011-08.50-B	8.50	NC6011	Solid carb. NC mach.reamer H7 sim. DIN 8093	Ø 8.5 H7, spiral	121,90 €	05
NC6011-09.00-B	9.00	NC6011	Solid carb. NC mach.reamer H7 sim. DIN 8093	Ø 9 H7, spiral	126,80 €	05
NC6011-09.50-B	9.50	NC6011	Solid carb. NC mach.reamer H7 sim. DIN 8093	Ø 9.5 H7, spiral	147,65 €	05
NC6011-10.00-B	10.00	NC6011	Solid carb. NC mach.reamer H7 sim. DIN 8093	Ø 10 H7, spiral	144,00 €	05
NC6011-10.50-B	10.50	NC6011	Solid carb. NC mach.reamer H7 sim. DIN 8093	Ø 10.5 H7, spiral	163,75 €	05
NC6011-11.00-B	11.00	NC6011	Solid carb. NC mach.reamer H7 sim. DIN 8093	Ø 11 H7, spiral	166,05 €	05
NC6011-11.50-B	11.50	NC6011	Solid carb. NC mach.reamer H7 sim. DIN 8093	Ø 11.5 H7, spiral	234,25 €	05
NC6011-12.00-B	12.00	NC6011	Solid carb. NC mach.reamer H7 sim. DIN 8093	Ø 12 H7, spiral	176,10 €	05
NC6011-13.00-B	13.00	NC6011	Solid carb. NC mach.reamer H7 sim. DIN 8093	Ø 13 H7, spiral	230,15 €	05
NC6011-14.00-B	14.00	NC6011	Solid carb. NC mach.reamer H7 sim. DIN 8093	Ø 14 H7, spiral	241,70 €	05
NC6011-15.00-B	15.00	NC6011	Solid carb. NC mach.reamer H7 sim. DIN 8093	Ø 15 H7, spiral	278,85 €	05
NC6011-16.00-B	16.00	NC6011	Solid carb. NC mach.reamer H7 sim. DIN 8093	Ø 16 H7, spiral	282,90 €	05
NC6011-17.00-B	17.00	NC6011	Solid carb. NC mach.reamer H7 sim. DIN 8093	Ø 17 H7, spiral	313,65 €	05
NC6011-18.00-B	18.00	NC6011	Solid carb. NC mach.reamer H7 sim. DIN 8093	Ø 18 H7, spiral	353,05 €	05
NC6011-19.00-B	19.00	NC6011	Solid carb. NC mach.reamer H7 sim. DIN 8093	Ø 19 H7, spiral	408,40 €	05
NC6011-20.00-B	20.00	NC6011	Solid carb. NC mach.reamer H7 sim. DIN 8093	Ø 20 H7, spiral	439,10 €	05
NC6011KS-04.00-B	4.00	NC6011IK	Solid carbide NC machine reamer with coolant	Ø 4 H7, coolant blades	121,55 €	10
NC6011KS-04.50-B	4.50	NC6011IK	Solid carbide NC machine reamer with coolant	Ø 4.5 H7, coolant blades	126,65 €	10
NC6011KS-05.00-B	5.00	NC6011IK	Solid carbide NC machine reamer with coolant	Ø 5 H7, coolant blades	116,30 €	10
NC6011KS-05.50-B	5.50	NC6011IK	Solid carbide NC machine reamer with coolant	Ø 5.5 H7, coolant blades	127,90 €	10
NC6011KS-06.00-B	6.00	NC6011IK	Solid carbide NC machine reamer with coolant	Ø 6 H7, coolant blades	120,15 €	10
NC6011KS-06.50-B	6.50	NC6011IK	Solid carbide NC machine reamer with coolant	Ø 6.5 H7, coolant blades	130,60 €	10
NC6011KS-07.00-B	7.00	NC6011IK	Solid carbide NC machine reamer with coolant	Ø 7 H7, coolant blades	135,75 €	10
NC6011KS-08.00-B	8.00	NC6011IK	Solid carbide NC machine reamer with coolant	Ø 8 H7, coolant blades	131,85 €	10
NC6011KS-09.00-B	9.00	NC6011IK	Solid carbide NC machine reamer with coolant	Ø 9 H7, coolant blades	153,75 €	10
NC6011KS-10.00-B	10.00	NC6011IK	Solid carbide NC machine reamer with coolant	Ø 10 H7, coolant blades	189,95 €	10
NC6011KS-11.00-B	11.00	NC6011IK	Solid carbide NC machine reamer with coolant	Ø 11 H7, coolant blades	245,35 €	10
NC6011KS-12.00-B	12.00	NC6011IK	Solid carbide NC machine reamer with coolant	Ø 12 H7, coolant blades	263,55 €	10
NC6011KS-13.00-B	13.00	NC6011IK	Solid carbide NC machine reamer with coolant	Ø 13 H7, coolant blades	281,55 €	10
NC6011KS-14.00-B	14.00	NC6011IK	Solid carbide NC machine reamer with coolant	Ø 14 H7, coolant blades	306,10 €	10
NC6011KS-15.00-B	15.00	NC6011IK	Solid carbide NC machine reamer with coolant	Ø 15 H7, coolant blades	306,10 €	10
NC6011KS-16.00-B	16.00	NC6011IK	Solid carbide NC machine reamer with coolant	Ø 16 H7, coolant blades	351,25 €	10
NC6011KS-17.00-B	17.00	NC6011IK	Solid carbide NC machine reamer with coolant	Ø 17 H7, coolant blades	391,20 €	10
NC6011KS-18.00-B	18.00	NC6011IK	Solid carbide NC machine reamer with coolant	Ø 18 H7, coolant blades	435,15 €	10
NC6011KS-19.00-B	19.00	NC6011IK	Solid carbide NC machine reamer with coolant	Ø 19 H7, coolant blades	462,30 €	10
NC6011KS-20.00-B	20.00	NC6011IK	Solid carbide NC machine reamer with coolant	Ø 20 H7, coolant blades	516,40 €	10
NC6011KZ-04.00-B	4.00	NC6011IK	Solid carbide NC machine reamer with coolant	Ø 4 H7, coolant center	121,55 €	10
NC6011KZ-04.50-B	4.50	NC6011IK	Solid carbide NC machine reamer with coolant	Ø 4.5 H7, coolant center	126,65 €	10
NC6011KZ-05.00-B	5.00	NC6011IK	Solid carbide NC machine reamer with coolant	Ø 5 H7, coolant center	116,30 €	10
NC6011KZ-05.50-B	5.50	NC6011IK	Solid carbide NC machine reamer with coolant	Ø 5.5 H7, coolant center	127,90 €	10
NC6011KZ-06.00-B	6.00	NC6011IK	Solid carbide NC machine reamer with coolant	Ø 6 H7, coolant center	120,15 €	10
NC6011KZ-06.50-B	6.50	NC6011IK	Solid carbide NC machine reamer with coolant	Ø 6.5 H7, coolant center	130,60 €	10
NC6011KZ-07.00-B	7.00	NC6011IK	Solid carbide NC machine reamer with coolant	Ø 7 H7, coolant center	135,75 €	10
NC6011KZ-08.00-B	8.00	NC6011IK	Solid carbide NC machine reamer with coolant	Ø 8 H7, coolant center	131,85 €	10
NC6011KZ-09.00-B	9.00	NC6011IK	Solid carbide NC machine reamer with coolant	Ø 9 H7, coolant center	153,75 €	10
NC6011KZ-10.00-B	10.00	NC6011IK	Solid carbide NC machine reamer with coolant	Ø 10 H7, coolant center	189,95 €	10
NC6011KZ-11.00-B	11.00	NC6011IK	Solid carbide NC machine reamer with coolant	Ø 11 H7, coolant center	245,35 €	10
NC6011KZ-12.00-B	12.00	NC6011IK	Solid carbide NC machine reamer with coolant	Ø 12 H7, coolant center	263,55 €	10
NC6011KZ-13.00-B	13.00	NC6011IK	Solid carbide NC machine reamer with coolant	Ø 13 H7, coolant center	281,55 €	10
NC6011KZ-14.00-B	14.00	NC6011IK	Solid carbide NC machine reamer with coolant	Ø 14 H7, coolant center	306,10 €	10



article code	Ø/size	cat.-no.	description 1	description 2	gross 2023	PG
NC6011KZ-15.00-B	15.00	NC6011IK	Solid carbide NC machine reamer with coolant	Ø 15 H7, coolant center	306,10 €	10
NC6011KZ-16.00-B	16.00	NC6011IK	Solid carbide NC machine reamer with coolant	Ø 16 H7, coolant center	351,25 €	10
NC6011KZ-17.00-B	17.00	NC6011IK	Solid carbide NC machine reamer with coolant	Ø 17 H7, coolant center	391,20 €	10
NC6011KZ-18.00-B	18.00	NC6011IK	Solid carbide NC machine reamer with coolant	Ø 18 H7, coolant center	435,15 €	10
NC6011KZ-19.00-B	19.00	NC6011IK	Solid carbide NC machine reamer with coolant	Ø 19 H7, coolant center	462,30 €	10
NC6011KZ-20.00-B	20.00	NC6011IK	Solid carbide NC machine reamer with coolant	Ø 20 H7, coolant center	516,40 €	10
NC6111-01.00-B	1.00	NC6111	Solid carb. NC mach.reamer H7 DIN 8093-2	Ø 1 H7, spiral	60,10 €	05
NC6111-01.10-B	1.10	NC6111	Solid carb. NC mach.reamer H7 DIN 8093-2	Ø 1.1 H7, spiral	60,45 €	05
NC6111-01.20-B	1.20	NC6111	Solid carb. NC mach.reamer H7 DIN 8093-2	Ø 1.2 H7, spiral	60,45 €	05
NC6111-01.40-B	1.40	NC6111	Solid carb. NC mach.reamer H7 DIN 8093-2	Ø 1.4 H7, spiral	60,45 €	05
NC6111-01.50-B	1.50	NC6111	Solid carb. NC mach.reamer H7 DIN 8093-2	Ø 1.5 H7, spiral	60,45 €	05
NC6111-01.60-B	1.60	NC6111	Solid carb. NC mach.reamer H7 DIN 8093-2	Ø 1.6 H7, spiral	60,45 €	05
NC6111-01.80-B	1.80	NC6111	Solid carb. NC mach.reamer H7 DIN 8093-2	Ø 1.8 H7, spiral	60,45 €	05
NC6111-02.00-B	2.00	NC6111	Solid carb. NC mach.reamer H7 DIN 8093-2	Ø 2 H7, spiral	56,70 €	05
NC6111-02.20-B	2.20	NC6111	Solid carb. NC mach.reamer H7 DIN 8093-2	Ø 2.2 H7, spiral	55,80 €	05
NC6111-02.50-B	2.50	NC6111	Solid carb. NC mach.reamer H7 DIN 8093-2	Ø 2.5 H7, spiral	53,90 €	05
NC6111-02.80-B	2.80	NC6111	Solid carb. NC mach.reamer H7 DIN 8093-2	Ø 2.8 H7, spiral	59,70 €	05
NC6111-03.00-B	3.00	NC6111	Solid carb. NC mach.reamer H7 DIN 8093-2	Ø 3 H7, spiral	58,00 €	05
NC6111-03.20-B	3.20	NC6111	Solid carb. NC mach.reamer H7 DIN 8093-2	Ø 3.2 H7, spiral	60,45 €	05
NC6111-03.50-B	3.50	NC6111	Solid carb. NC mach.reamer H7 DIN 8093-2	Ø 3.5 H7, spiral	61,25 €	05
NC6111-04.00-B	4.00	NC6111	Solid carb. NC mach.reamer H7 DIN 8093-2	Ø 4 H7, spiral	59,10 €	05
NC6111-04.50-B	4.50	NC6111	Solid carb. NC mach.reamer H7 DIN 8093-2	Ø 4.5 H7, spiral	74,65 €	05
NC6111-05.00-B	5.00	NC6111	Solid carb. NC mach.reamer H7 DIN 8093-2	Ø 5 H7, spiral	80,40 €	05
NC6111-05.50-B	5.50	NC6111	Solid carb. NC mach.reamer H7 DIN 8093-2	Ø 5.5 H7, spiral	84,50 €	05
NC6111-06.00-B	6.00	NC6111	Solid carb. NC mach.reamer H7 DIN 8093-2	Ø 6 H7, spiral	80,30 €	05
NC6111-06.50-B	6.50	NC6111	Solid carb. NC mach.reamer H7 DIN 8093-2	Ø 6.5 H7, spiral	98,95 €	05
NC6111-07.00-B	7.00	NC6111	Solid carb. NC mach.reamer H7 DIN 8093-2	Ø 7 H7, spiral	105,10 €	05
NC6111-07.50-B	7.50	NC6111	Solid carb. NC mach.reamer H7 DIN 8093-2	Ø 7.5 H7, spiral	113,25 €	05
NC6111-08.00-B	8.00	NC6111	Solid carb. NC mach.reamer H7 DIN 8093-2	Ø 8 H7, spiral	113,25 €	05
NC6111-08.50-B	8.50	NC6111	Solid carb. NC mach.reamer H7 DIN 8093-2	Ø 8.5 H7, spiral	121,90 €	05
NC6111-09.00-B	9.00	NC6111	Solid carb. NC mach.reamer H7 DIN 8093-2	Ø 9 H7, spiral	126,80 €	05
NC6111-09.50-B	9.50	NC6111	Solid carb. NC mach.reamer H7 DIN 8093-2	Ø 9.5 H7, spiral	133,65 €	05
NC6111-10.00-B	10.00	NC6111	Solid carb. NC mach.reamer H7 DIN 8093-2	Ø 10 H7, spiral	144,00 €	05
NC6111-10.50-B	10.50	NC6111	Solid carb. NC mach.reamer H7 DIN 8093-2	Ø 10.5 H7, spiral	141,30 €	05
NC6111-11.00-B	11.00	NC6111	Solid carb. NC mach.reamer H7 DIN 8093-2	Ø 11 H7, spiral	166,05 €	05
NC6111-11.50-B	11.50	NC6111	Solid carb. NC mach.reamer H7 DIN 8093-2	Ø 11.5 H7, spiral	183,65 €	05
NC6111-12.00-B	12.00	NC6111	Solid carb. NC mach.reamer H7 DIN 8093-2	Ø 12 H7, spiral	176,10 €	05
NC6111-13.00-B	13.00	NC6111	Solid carb. NC mach.reamer H7 DIN 8093-2	Ø 13 H7, spiral	230,15 €	05
NC6111-14.00-B	14.00	NC6111	Solid carb. NC mach.reamer H7 DIN 8093-2	Ø 14 H7, spiral	245,20 €	05
NC6111-15.00-B	15.00	NC6111	Solid carb. NC mach.reamer H7 DIN 8093-2	Ø 15 H7, spiral	282,40 €	05
NC6111-16.00-B	16.00	NC6111	Solid carb. NC mach.reamer H7 DIN 8093-2	Ø 16 H7, spiral	286,40 €	05
NC6111-17.00-B	17.00	NC6111	Solid carb. NC mach.reamer H7 DIN 8093-2	Ø 17 H7, spiral	317,55 €	05
NC6111-18.00-B	18.00	NC6111	Solid carb. NC mach.reamer H7 DIN 8093-2	Ø 18 H7, spiral	356,95 €	05
NC6111-19.00-B	19.00	NC6111	Solid carb. NC mach.reamer H7 DIN 8093-2	Ø 19 H7, spiral	412,45 €	05
NC6111-20.00-B	20.00	NC6111	Solid carb. NC mach.reamer H7 DIN 8093-2	Ø 20 H7, spiral	443,15 €	05
NC6111IKS-04.00-B	4.00	NC6111IK	Solid carb. NC reamer DIN 8093-2 with coolant	Ø 4 H7, coolant blades	119,75 €	10
NC6111IKS-04.50-B	4.50	NC6111IK	Solid carb. NC reamer DIN 8093-2 with coolant	Ø 4.5 H7, coolant blades	132,65 €	10
NC6111IKS-05.00-B	5.00	NC6111IK	Solid carb. NC reamer DIN 8093-2 with coolant	Ø 5 H7, coolant blades	131,45 €	10
NC6111IKS-05.50-B	5.50	NC6111IK	Solid carb. NC reamer DIN 8093-2 with coolant	Ø 5.5 H7, coolant blades	126,10 €	10
NC6111IKS-06.00-B	6.00	NC6111IK	Solid carb. NC reamer DIN 8093-2 with coolant	Ø 6 H7, coolant blades	118,40 €	10
NC6111IKS-06.50-B	6.50	NC6111IK	Solid carb. NC reamer DIN 8093-2 with coolant	Ø 6.5 H7, coolant blades	128,70 €	10
NC6111IKS-07.00-B	7.00	NC6111IK	Solid carb. NC reamer DIN 8093-2 with coolant	Ø 7 H7, coolant blades	133,80 €	10
NC6111IKS-08.00-B	8.00	NC6111IK	Solid carb. NC reamer DIN 8093-2 with coolant	Ø 8 H7, coolant blades	129,95 €	10
NC6111IKS-09.00-B	9.00	NC6111IK	Solid carb. NC reamer DIN 8093-2 with coolant	Ø 9 H7, coolant blades	151,55 €	10
NC6111IKS-10.00-B	10.00	NC6111IK	Solid carb. NC reamer DIN 8093-2 with coolant	Ø 10 H7, coolant blades	187,25 €	10
NC6111IKS-11.00-B	11.00	NC6111IK	Solid carb. NC reamer DIN 8093-2 with coolant	Ø 11 H7, coolant blades	241,80 €	10
NC6111IKS-12.00-B	12.00	NC6111IK	Solid carb. NC reamer DIN 8093-2 with coolant	Ø 12 H7, coolant blades	259,75 €	10
NC6111IKS-13.00-B	13.00	NC6111IK	Solid carb. NC reamer DIN 8093-2 with coolant	Ø 13 H7, coolant blades	256,95 €	10
NC6111IKS-14.00-B	14.00	NC6111IK	Solid carb. NC reamer DIN 8093-2 with coolant	Ø 14 H7, coolant blades	301,75 €	10
NC6111IKS-15.00-B	15.00	NC6111IK	Solid carb. NC reamer DIN 8093-2 with coolant	Ø 15 H7, coolant blades	301,75 €	10
NC6111IKS-16.00-B	16.00	NC6111IK	Solid carb. NC reamer DIN 8093-2 with coolant	Ø 16 H7, coolant blades	346,20 €	10
NC6111IKS-17.00-B	17.00	NC6111IK	Solid carb. NC reamer DIN 8093-2 with coolant	Ø 17 H7, coolant blades	385,60 €	10
NC6111IKS-18.00-B	18.00	NC6111IK	Solid carb. NC reamer DIN 8093-2 with coolant	Ø 18 H7, coolant blades	428,95 €	10
NC6111IKS-19.00-B	19.00	NC6111IK	Solid carb. NC reamer DIN 8093-2 with coolant	Ø 19 H7, coolant blades	455,60 €	10
NC6111IKS-20.00-B	20.00	NC6111IK	Solid carb. NC reamer DIN 8093-2 with coolant	Ø 20 H7, coolant blades	508,95 €	10
NC6111IKZ-04.00-B	4.00	NC6111IK	Solid carb. NC reamer DIN 8093-2 with coolant	Ø 4 H7, coolant center	119,75 €	10
NC6111IKZ-04.50-B	4.50	NC6111IK	Solid carb. NC reamer DIN 8093-2 with coolant	Ø 4.5 H7, coolant center	132,65 €	10
NC6111IKZ-05.00-B	5.00	NC6111IK	Solid carb. NC reamer DIN 8093-2 with coolant	Ø 5 H7, coolant center	131,45 €	10
NC6111IKZ-05.50-B	5.50	NC6111IK	Solid carb. NC reamer DIN 8093-2 with coolant	Ø 5.5 H7, coolant center	126,10 €	10
NC6111IKZ-06.00-B	6.00	NC6111IK	Solid carb. NC reamer DIN 8093-2 with coolant	Ø 6 H7, coolant center	118,40 €	10
NC6111IKZ-06.50-B	6.50	NC6111IK	Solid carb. NC reamer DIN 8093-2 with coolant	Ø 6.5 H7, coolant center	128,70 €	10
NC6111IKZ-07.00-B	7.00	NC6111IK	Solid carb. NC reamer DIN 8093-2 with coolant	Ø 7 H7, coolant center	133,80 €	10
NC6111IKZ-08.00-B	8.00	NC6111IK	Solid carb. NC reamer DIN 8093-2 with coolant	Ø 8 H7, coolant center	129,95 €	10
NC6111IKZ-09.00-B	9.00	NC6111IK	Solid carb. NC reamer DIN 8093-2 with coolant	Ø 9 H7, coolant center	151,55 €	10

article code	Ø/size	cat.-no.	description 1	description 2	gross 2023	PG
NC6111KZ-10.00-B	10.00	NC6111IK	Solid carb. NC reamer DIN 8093-2 with coolant	Ø 10 H7, coolant center	187,25 €	10
NC6111KZ-11.00-B	11.00	NC6111IK	Solid carb. NC reamer DIN 8093-2 with coolant	Ø 11 H7, coolant center	241,80 €	10
NC6111KZ-12.00-B	12.00	NC6111IK	Solid carb. NC reamer DIN 8093-2 with coolant	Ø 12 H7, coolant center	259,75 €	10
NC6111KZ-13.00-B	13.00	NC6111IK	Solid carb. NC reamer DIN 8093-2 with coolant	Ø 13 H7, coolant center	256,95 €	10
NC6111KZ-14.00-B	14.00	NC6111IK	Solid carb. NC reamer DIN 8093-2 with coolant	Ø 14 H7, coolant center	301,75 €	10
NC6111KZ-15.00-B	15.00	NC6111IK	Solid carb. NC reamer DIN 8093-2 with coolant	Ø 15 H7, coolant center	301,75 €	10
NC6111KZ-16.00-B	16.00	NC6111IK	Solid carb. NC reamer DIN 8093-2 with coolant	Ø 16 H7, coolant center	346,20 €	10
NC6111KZ-17.00-B	17.00	NC6111IK	Solid carb. NC reamer DIN 8093-2 with coolant	Ø 17 H7, coolant center	385,60 €	10
NC6111KZ-18.00-B	18.00	NC6111IK	Solid carb. NC reamer DIN 8093-2 with coolant	Ø 18 H7, coolant center	428,95 €	10
NC6111KZ-19.00-B	19.00	NC6111IK	Solid carb. NC reamer DIN 8093-2 with coolant	Ø 19 H7, coolant center	455,60 €	10
NC6111KZ-20.00-B	20.00	NC6111IK	Solid carb. NC reamer DIN 8093-2 with coolant	Ø 20 H7, coolant center	508,95 €	10
NC6111T-01.00-B	1.00	NC6111T	Solid carb.+TiAlN NC reamer DIN 8093-2	Ø 1 H7, spiral	97,80 €	05
NC6111T-01.10-B	1.10	NC6111T	Solid carb.+TiAlN NC reamer DIN 8093-2	Ø 1.1 H7, spiral	98,15 €	05
NC6111T-01.20-B	1.20	NC6111T	Solid carb.+TiAlN NC reamer DIN 8093-2	Ø 1.2 H7, spiral	98,15 €	05
NC6111T-01.40-B	1.40	NC6111T	Solid carb.+TiAlN NC reamer DIN 8093-2	Ø 1.4 H7, spiral	98,15 €	05
NC6111T-01.50-B	1.50	NC6111T	Solid carb.+TiAlN NC reamer DIN 8093-2	Ø 1.5 H7, spiral	98,15 €	05
NC6111T-01.60-B	1.60	NC6111T	Solid carb.+TiAlN NC reamer DIN 8093-2	Ø 1.6 H7, spiral	98,15 €	05
NC6111T-01.80-B	1.80	NC6111T	Solid carb.+TiAlN NC reamer DIN 8093-2	Ø 1.8 H7, spiral	98,15 €	05
NC6111T-02.00-B	2.00	NC6111T	Solid carb.+TiAlN NC reamer DIN 8093-2	Ø 2 H7, spiral	94,40 €	05
NC6111T-02.20-B	2.20	NC6111T	Solid carb.+TiAlN NC reamer DIN 8093-2	Ø 2.2 H7, spiral	93,50 €	05
NC6111T-02.50-B	2.50	NC6111T	Solid carb.+TiAlN NC reamer DIN 8093-2	Ø 2.5 H7, spiral	91,60 €	05
NC6111T-02.80-B	2.80	NC6111T	Solid carb.+TiAlN NC reamer DIN 8093-2	Ø 2.8 H7, spiral	97,40 €	05
NC6111T-03.00-B	3.00	NC6111T	Solid carb.+TiAlN NC reamer DIN 8093-2	Ø 3 H7, spiral	95,70 €	05
NC6111T-03.20-B	3.20	NC6111T	Solid carb.+TiAlN NC reamer DIN 8093-2	Ø 3.2 H7, spiral	98,15 €	05
NC6111T-03.50-B	3.50	NC6111T	Solid carb.+TiAlN NC reamer DIN 8093-2	Ø 3.5 H7, spiral	98,95 €	05
NC6111T-04.00-B	4.00	NC6111T	Solid carb.+TiAlN NC reamer DIN 8093-2	Ø 4 H7, spiral	96,80 €	05
NC6111T-04.50-B	4.50	NC6111T	Solid carb.+TiAlN NC reamer DIN 8093-2	Ø 4.5 H7, spiral	113,25 €	05
NC6111T-05.00-B	5.00	NC6111T	Solid carb.+TiAlN NC reamer DIN 8093-2	Ø 5 H7, spiral	119,00 €	05
NC6111T-05.50-B	5.50	NC6111T	Solid carb.+TiAlN NC reamer DIN 8093-2	Ø 5.5 H7, spiral	123,10 €	05
NC6111T-06.00-B	6.00	NC6111T	Solid carb.+TiAlN NC reamer DIN 8093-2	Ø 6 H7, spiral	118,90 €	05
NC6111T-06.50-B	6.50	NC6111T	Solid carb.+TiAlN NC reamer DIN 8093-2	Ø 6.5 H7, spiral	142,60 €	05
NC6111T-07.00-B	7.00	NC6111T	Solid carb.+TiAlN NC reamer DIN 8093-2	Ø 7 H7, spiral	148,75 €	05
NC6111T-07.50-B	7.50	NC6111T	Solid carb.+TiAlN NC reamer DIN 8093-2	Ø 7.5 H7, spiral	156,90 €	05
NC6111T-08.00-B	8.00	NC6111T	Solid carb.+TiAlN NC reamer DIN 8093-2	Ø 8 H7, spiral	156,90 €	05
NC6111T-08.50-B	8.50	NC6111T	Solid carb.+TiAlN NC reamer DIN 8093-2	Ø 8.5 H7, spiral	167,55 €	05
NC6111T-09.00-B	9.00	NC6111T	Solid carb.+TiAlN NC reamer DIN 8093-2	Ø 9 H7, spiral	172,50 €	05
NC6111T-09.50-B	9.50	NC6111T	Solid carb.+TiAlN NC reamer DIN 8093-2	Ø 9.5 H7, spiral	179,30 €	05
NC6111T-10.00-B	10.00	NC6111T	Solid carb.+TiAlN NC reamer DIN 8093-2	Ø 10 H7, spiral	189,70 €	05
NC6111T-10.50-B	10.50	NC6111T	Solid carb.+TiAlN NC reamer DIN 8093-2	Ø 10.5 H7, spiral	189,85 €	05
NC6111T-11.00-B	11.00	NC6111T	Solid carb.+TiAlN NC reamer DIN 8093-2	Ø 11 H7, spiral	214,65 €	05
NC6111T-11.50-B	11.50	NC6111T	Solid carb.+TiAlN NC reamer DIN 8093-2	Ø 11.5 H7, spiral	232,20 €	05
NC6111T-12.00-B	12.00	NC6111T	Solid carb.+TiAlN NC reamer DIN 8093-2	Ø 12 H7, spiral	224,65 €	05
NC6111T-13.00-B	13.00	NC6111T	Solid carb.+TiAlN NC reamer DIN 8093-2	Ø 13 H7, spiral	290,45 €	05
NC6111T-14.00-B	14.00	NC6111T	Solid carb.+TiAlN NC reamer DIN 8093-2	Ø 14 H7, spiral	305,50 €	05
NC6111T-15.00-B	15.00	NC6111T	Solid carb.+TiAlN NC reamer DIN 8093-2	Ø 15 H7, spiral	342,70 €	05
NC6111T-16.00-B	16.00	NC6111T	Solid carb.+TiAlN NC reamer DIN 8093-2	Ø 16 H7, spiral	346,75 €	05
NC6111T-17.00-B	17.00	NC6111T	Solid carb.+TiAlN NC reamer DIN 8093-2	Ø 17 H7, spiral	393,35 €	05
NC6111T-18.00-B	18.00	NC6111T	Solid carb.+TiAlN NC reamer DIN 8093-2	Ø 18 H7, spiral	432,80 €	05
NC6111T-19.00-B	19.00	NC6111T	Solid carb.+TiAlN NC reamer DIN 8093-2	Ø 19 H7, spiral	488,30 €	05
NC6111T-20.00-B	20.00	NC6111T	Solid carb.+TiAlN NC reamer DIN 8093-2	Ø 20 H7, spiral	519,00 €	05
NC6199-00.90	0.90	NC6199	Solid carb. NC mach.reamer 1/100 DIN 8093-2	Ø 0.90, +0.003/0, spiral	69,00 €	05
NC6199-00.91	0.91	NC6199	Solid carb. NC mach.reamer 1/100 DIN 8093-2	Ø 0.91, +0.003/0, spiral	69,00 €	05
NC6199-00.92	0.92	NC6199	Solid carb. NC mach.reamer 1/100 DIN 8093-2	Ø 0.92, +0.003/0, spiral	69,00 €	05
NC6199-00.93	0.93	NC6199	Solid carb. NC mach.reamer 1/100 DIN 8093-2	Ø 0.93, +0.003/0, spiral	69,00 €	05
NC6199-00.94	0.94	NC6199	Solid carb. NC mach.reamer 1/100 DIN 8093-2	Ø 0.94, +0.003/0, spiral	69,00 €	05
NC6199-00.95	0.95	NC6199	Solid carb. NC mach.reamer 1/100 DIN 8093-2	Ø 0.95, +0.003/0, spiral	69,00 €	05
NC6199-00.96	0.96	NC6199	Solid carb. NC mach.reamer 1/100 DIN 8093-2	Ø 0.96, +0.003/0, spiral	69,00 €	05
NC6199-00.97	0.97	NC6199	Solid carb. NC mach.reamer 1/100 DIN 8093-2	Ø 0.97, +0.003/0, spiral	69,00 €	05
NC6199-00.98	0.98	NC6199	Solid carb. NC mach.reamer 1/100 DIN 8093-2	Ø 0.98, +0.003/0, spiral	69,00 €	05
NC6199-00.99	0.99	NC6199	Solid carb. NC mach.reamer 1/100 DIN 8093-2	Ø 0.99, +0.003/0, spiral	69,00 €	05
NC6199-01.00	1.00	NC6199	Solid carb. NC mach.reamer 1/100 DIN 8093-2	Ø 1.00, +0.003/0, spiral	69,00 €	05
NC6199-01.01	1.01	NC6199	Solid carb. NC mach.reamer 1/100 DIN 8093-2	Ø 1.01, +0.003/0, spiral	69,00 €	05
NC6199-01.02	1.02	NC6199	Solid carb. NC mach.reamer 1/100 DIN 8093-2	Ø 1.02, +0.003/0, spiral	69,00 €	05
NC6199-01.03	1.03	NC6199	Solid carb. NC mach.reamer 1/100 DIN 8093-2	Ø 1.03, +0.003/0, spiral	69,00 €	05
NC6199-01.04	1.04	NC6199	Solid carb. NC mach.reamer 1/100 DIN 8093-2	Ø 1.04, +0.003/0, spiral	69,00 €	05
NC6199-01.05	1.05	NC6199	Solid carb. NC mach.reamer 1/100 DIN 8093-2	Ø 1.05, +0.003/0, spiral	69,00 €	05
NC6199-01.06	1.06	NC6199	Solid carb. NC mach.reamer 1/100 DIN 8093-2	Ø 1.06, +0.003/0, spiral	69,00 €	05
NC6199-01.07	1.07	NC6199	Solid carb. NC mach.reamer 1/100 DIN 8093-2	Ø 1.07, +0.003/0, spiral	69,25 €	05
NC6199-01.08	1.08	NC6199	Solid carb. NC mach.reamer 1/100 DIN 8093-2	Ø 1.08, +0.003/0, spiral	69,25 €	05
NC6199-01.09	1.09	NC6199	Solid carb. NC mach.reamer 1/100 DIN 8093-2	Ø 1.09, +0.003/0, spiral	69,25 €	05
NC6199-01.10	1.10	NC6199	Solid carb. NC mach.reamer 1/100 DIN 8093-2	Ø 1.10, +0.003/0, spiral	69,25 €	05
NC6199-01.11	1.11	NC6199	Solid carb. NC mach.reamer 1/100 DIN 8093-2	Ø 1.11, +0.003/0, spiral	69,25 €	05
NC6199-01.12	1.12	NC6199	Solid carb. NC mach.reamer 1/100 DIN 8093-2	Ø 1.12, +0.003/0, spiral	69,25 €	05
NC6199-01.13	1.13	NC6199	Solid carb. NC mach.reamer 1/100 DIN 8093-2	Ø 1.13, +0.003/0, spiral	69,25 €	05























































































































article code	Ø/size	cat.-no.	description 1	description 2	gross 2023	PG
TS5025-06.50-A-S	6.50	TS5025	Solid carbide+PFB TS5025, coolant at blades	Ø 6.5 H7, straight, cyl.	135,95 €	13
TS5025-07.00-A-S	7.00	TS5025	Solid carbide+PFB TS5025, coolant at blades	Ø 7 H7, straight, cyl.	145,15 €	13
TS5025-07.50-A-S	7.50	TS5025	Solid carbide+PFB TS5025, coolant at blades	Ø 7.5 H7, straight, cyl.	152,05 €	13
TS5025-08.00-A-S	8.00	TS5025	Solid carbide+PFB TS5025, coolant at blades	Ø 8 H7, straight, cyl.	152,05 €	13
TS5025-08.50-A-S	8.50	TS5025	Solid carbide+PFB TS5025, coolant at blades	Ø 8.5 H7, straight, cyl.	165,40 €	13
TS5025-09.00-A-S	9.00	TS5025	Solid carbide+PFB TS5025, coolant at blades	Ø 9 H7, straight, cyl.	165,40 €	13
TS5025-09.50-A-S	9.50	TS5025	Solid carbide+PFB TS5025, coolant at blades	Ø 9.5 H7, straight, cyl.	193,50 €	13
TS5025-10.00-A-S	10.00	TS5025	Solid carbide+PFB TS5025, coolant at blades	Ø 10 H7, straight, cyl.	193,50 €	13
TS5025-10.50-A-S	10.50	TS5025	Solid carbide+PFB TS5025, coolant at blades	Ø 10.5 H7, straight, cyl.	253,50 €	13
TS5025-11.00-A-S	11.00	TS5025	Solid carbide+PFB TS5025, coolant at blades	Ø 11 H7, straight, cyl.	253,50 €	13
TS5025-11.50-A-S	11.50	TS5025	Solid carbide+PFB TS5025, coolant at blades	Ø 11.5 H7, straight, cyl.	270,25 €	13
TS5025-12.00-A-S	12.00	TS5025	Solid carbide+PFB TS5025, coolant at blades	Ø 12 H7, straight, cyl.	270,25 €	13
TS5025-13.00-A-S	13.00	TS5025	Solid carbide+PFB TS5025, coolant at blades	Ø 13 H7, straight, cyl.	298,90 €	13
TS5025-14.00-A-S	14.00	TS5025	Solid carbide+PFB TS5025, coolant at blades	Ø 14 H7, straight, cyl.	320,70 €	13
TS5025-15.00-A-S	15.00	TS5025	Solid carbide+PFB TS5025, coolant at blades	Ø 15 H7, straight, cyl.	325,60 €	13
TS5025-16.00-A-S	16.00	TS5025	Solid carbide+PFB TS5025, coolant at blades	Ø 16 H7, straight, cyl.	332,50 €	13
TS5025-17.00-A-S	17.00	TS5025	Solid carbide+PFB TS5025, coolant at blades	Ø 17 H7, straight, cyl.	350,85 €	13
TS5025-18.00-A-S	18.00	TS5025	Solid carbide+PFB TS5025, coolant at blades	Ø 18 H7, straight, cyl.	381,00 €	13
TS5025-19.00-A-S	19.00	TS5025	Solid carbide+PFB TS5025, coolant at blades	Ø 19 H7, straight, cyl.	396,25 €	13
TS5025-20.00-A-S	20.00	TS5025	Solid carbide+PFB TS5025, coolant at blades	Ø 20 H7, straight, cyl.	419,60 €	13
TS7010-04.00-A-C	4.00	TS7010	Cermet TS7010, coolant from center	Ø 4 H7, straight, cyl.	194,95 €	14
TS7010-04.50-A-C	4.50	TS7010	Cermet TS7010, coolant from center	Ø 4.5 H7, straight, cyl.	194,95 €	14
TS7010-05.00-A-C	5.00	TS7010	Cermet TS7010, coolant from center	Ø 5 H7, straight, cyl.	194,95 €	14
TS7010-05.50-A-C	5.50	TS7010	Cermet TS7010, coolant from center	Ø 5.5 H7, straight, cyl.	203,45 €	14
TS7010-06.00-A-C	6.00	TS7010	Cermet TS7010, coolant from center	Ø 6 H7, straight, cyl.	210,20 €	14
TS7010-06.50-A-C	6.50	TS7010	Cermet TS7010, coolant from center	Ø 6.5 H7, straight, cyl.	250,90 €	14
TS7010-07.00-A-C	7.00	TS7010	Cermet TS7010, coolant from center	Ø 7 H7, straight, cyl.	250,90 €	14
TS7010-07.50-A-C	7.50	TS7010	Cermet TS7010, coolant from center	Ø 7.5 H7, straight, cyl.	250,90 €	14
TS7010-08.00-A-C	8.00	TS7010	Cermet TS7010, coolant from center	Ø 8 H7, straight, cyl.	250,90 €	14
TS7010-08.50-A-C	8.50	TS7010	Cermet TS7010, coolant from center	Ø 8.5 H7, straight, cyl.	311,85 €	14
TS7010-09.00-A-C	9.00	TS7010	Cermet TS7010, coolant from center	Ø 9 H7, straight, cyl.	311,85 €	14
TS7010-09.50-A-C	9.50	TS7010	Cermet TS7010, coolant from center	Ø 9.5 H7, straight, cyl.	311,85 €	14
TS7010-10.00-A-C	10.00	TS7010	Cermet TS7010, coolant from center	Ø 10 H7, straight, cyl.	320,35 €	14
TS7010-10.50-A-C	10.50	TS7010	Cermet TS7010, coolant from center	Ø 10.5 H7, straight, cyl.	332,10 €	14
TS7010-11.00-A-C	11.00	TS7010	Cermet TS7010, coolant from center	Ø 11 H7, straight, cyl.	332,10 €	14
TS7010-11.50-A-C	11.50	TS7010	Cermet TS7010, coolant from center	Ø 11.5 H7, straight, cyl.	352,55 €	14
TS7010-12.00-A-C	12.00	TS7010	Cermet TS7010, coolant from center	Ø 12 H7, straight, cyl.	352,55 €	14
TS7010-04.00-B-S	4.00	TS7010	Cermet TS7010, coolant at blades	Ø 4 H7, spiral, cyl.	194,95 €	14
TS7010-04.50-B-S	4.50	TS7010	Cermet TS7010, coolant at blades	Ø 4.5 H7, spiral, cyl.	194,95 €	14
TS7010-05.00-B-S	5.00	TS7010	Cermet TS7010, coolant at blades	Ø 5 H7, spiral, cyl.	194,95 €	14
TS7010-05.50-B-S	5.50	TS7010	Cermet TS7010, coolant at blades	Ø 5.5 H7, spiral, cyl.	203,45 €	14
TS7010-06.00-B-S	6.00	TS7010	Cermet TS7010, coolant at blades	Ø 6 H7, spiral, cyl.	210,20 €	14
TS7010-06.50-B-S	6.50	TS7010	Cermet TS7010, coolant at blades	Ø 6.5 H7, spiral, cyl.	250,90 €	14
TS7010-07.00-B-S	7.00	TS7010	Cermet TS7010, coolant at blades	Ø 7 H7, spiral, cyl.	250,90 €	14
TS7010-07.50-B-S	7.50	TS7010	Cermet TS7010, coolant at blades	Ø 7.5 H7, spiral, cyl.	250,90 €	14
TS7010-08.00-B-S	8.00	TS7010	Cermet TS7010, coolant at blades	Ø 8 H7, spiral, cyl.	250,90 €	14
TS7010-08.50-B-S	8.50	TS7010	Cermet TS7010, coolant at blades	Ø 8.5 H7, spiral, cyl.	311,85 €	14
TS7010-09.00-B-S	9.00	TS7010	Cermet TS7010, coolant at blades	Ø 9 H7, spiral, cyl.	311,85 €	14
TS7010-09.50-B-S	9.50	TS7010	Cermet TS7010, coolant at blades	Ø 9.5 H7, spiral, cyl.	311,85 €	14
TS7010-10.00-B-S	10.00	TS7010	Cermet TS7010, coolant at blades	Ø 10 H7, spiral, cyl.	320,35 €	14
TS7010-10.50-B-S	10.50	TS7010	Cermet TS7010, coolant at blades	Ø 10.5 H7, spiral, cyl.	332,10 €	14
TS7010-11.00-B-S	11.00	TS7010	Cermet TS7010, coolant at blades	Ø 11 H7, spiral, cyl.	332,10 €	14
TS7010-11.50-B-S	11.50	TS7010	Cermet TS7010, coolant at blades	Ø 11.5 H7, spiral, cyl.	352,55 €	14
TS7010-12.00-B-S	12.00	TS7010	Cermet TS7010, coolant at blades	Ø 12 H7, spiral, cyl.	352,55 €	14
TS7525IKC-08.00-ZY	8.00	TS7525	Cermet-tipped TS7525, with coolant from center	Ø 8 H7, straight, cyl.	296,05 €	12
TS7525IKC-09.00-ZY	9.00	TS7525	Cermet-tipped TS7525, with coolant from center	Ø 9 H7, straight, cyl.	297,85 €	12
TS7525IKC-10.00-ZY	10.00	TS7525	Cermet-tipped TS7525, with coolant from center	Ø 10 H7, straight, cyl.	330,30 €	12
TS7525IKC-11.00-ZY	11.00	TS7525	Cermet-tipped TS7525, with coolant from center	Ø 11 H7, straight, cyl.	330,30 €	12
TS7525IKC-12.00-ZY	12.00	TS7525	Cermet-tipped TS7525, with coolant from center	Ø 12 H7, straight, cyl.	341,85 €	12
TS7525IKC-13.00-ZY	13.00	TS7525	Cermet-tipped TS7525, with coolant from center	Ø 13 H7, straight, cyl.	341,85 €	12
TS7525IKC-14.00-ZY	14.00	TS7525	Cermet-tipped TS7525, with coolant from center	Ø 14 H7, straight, cyl.	341,85 €	12
TS7525IKC-15.00-ZY	15.00	TS7525	Cermet-tipped TS7525, with coolant from center	Ø 15 H7, straight, cyl.	341,85 €	12
TS7525IKC-16.00-ZY	16.00	TS7525	Cermet-tipped TS7525, with coolant from center	Ø 16 H7, straight, cyl.	345,35 €	12
TS7525IKC-17.00-ZY	17.00	TS7525	Cermet-tipped TS7525, with coolant from center	Ø 17 H7, straight, cyl.	345,35 €	12
TS7525IKC-18.00-ZY	18.00	TS7525	Cermet-tipped TS7525, with coolant from center	Ø 18 H7, straight, cyl.	345,35 €	12
TS7525IKC-19.00-ZY	19.00	TS7525	Cermet-tipped TS7525, with coolant from center	Ø 19 H7, straight, cyl.	385,45 €	12
TS7525IKC-20.00-ZY	20.00	TS7525	Cermet-tipped TS7525, with coolant from center	Ø 20 H7, straight, cyl.	385,45 €	12
TS7525IKC-21.00-ZY	21.00	TS7525	Cermet-tipped TS7525, with coolant from center	Ø 21 H7, straight, cyl.	385,45 €	12
TS7525IKC-22.00-ZY	22.00	TS7525	Cermet-tipped TS7525, with coolant from center	Ø 22 H7, straight, cyl.	385,45 €	12
TS7525IKC-23.00-ZY	23.00	TS7525	Cermet-tipped TS7525, with coolant from center	Ø 23 H7, straight, cyl.	389,35 €	12
TS7525IKC-24.00-ZY	24.00	TS7525	Cermet-tipped TS7525, with coolant from center	Ø 24 H7, straight, cyl.	389,35 €	12
TS7525IKC-25.00-ZY	25.00	TS7525	Cermet-tipped TS7525, with coolant from center	Ø 25 H7, straight, cyl.	389,35 €	12
TS7525IKC-26.00-ZY	26.00	TS7525	Cermet-tipped TS7525, with coolant from center	Ø 26 H7, straight, cyl.	408,50 €	12
TS7525IKC-27.00-ZY	27.00	TS7525	Cermet-tipped TS7525, with coolant from center	Ø 27 H7, straight, cyl.	408,50 €	12







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