

## >> EU<sup>1)</sup>-VHM-NC-MASCHINEN-REIBAHLEN, GERADE AUSFÜHRUNG, ÄHNLICH DIN 8093

### Einsatzbereich:

Geradenutete Ausführung für alle E- und NE-Metalle. Verwendung in Grund- und Durchgangsbohrungen bei Einzel- und Serienfertigung.

## EU<sup>1)</sup>-SOLID CARBIDE NC-MACHINE REAMERS, STRAIGHT FLUTE TYPE, SIMILAR TO DIN 8093


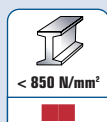

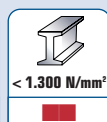

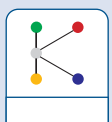
### Range of application:

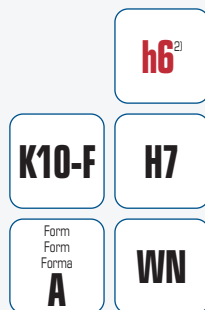
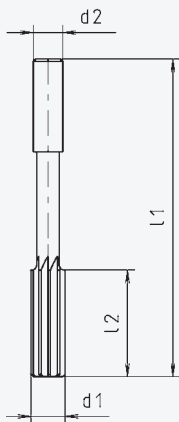
Ferrous and non-ferrous metals. Straight flute type suitable for blind and through-hole borings. Suitable for individual and mass production.

## ALESATORI A MACCHINA NC EU<sup>1)</sup> IN METALLO DURO INTEGRALE, TAGLIENTI DIRITTI, SIMILI DIN 8093

### Impiego:

Alesatori con taglienti diritti per tutti i materiali ferrosi e non ferrosi. Adatti per fori ciechi e passanti sia in lavorazioni singole che di serie.

 < 400 N/mm <sup>2</sup>	 < 850 N/mm <sup>2</sup>	 < 1.100 N/mm <sup>2</sup>	 < 1.300 N/mm <sup>2</sup>	 > 45 HRC	<b>INOX</b> < 850 N/mm <sup>2</sup>	<b>INOX</b> > 850 N/mm <sup>2</sup>	GRAUUGUSS CAST IRON GHISA GRIGIA	<b>Ti</b>	<b>Cu, Ms</b>	<b>Al</b>	
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blank | bright | lucida

d1 <sub>H7</sub> mm	d2 <sub>h6</sub> mm	l1 mm	l2 mm	Z	Code 5200 Art.-Nr.	€
3,00	3,00	61	15	4	0 5200003001 00	32,12
3,20	4,00	65	16	6	0 5200003201 00	40,99
3,50	4,00	70	18	6	0 5200003501 00	38,64
4,00	4,00	75	19	6	0 5200004001 00	37,80
4,50	5,00	80	21	6	0 5200004501 00	49,06
5,00	5,00	86	23	6	0 5200005001 00	51,49
5,50	6,00	93	26	6	0 5200005501 00	57,88
6,00	6,00	93	26	6	0 5200006001 00	62,70
6,50	6,00	101	28	6	0 5200006501 00	68,32
7,00	8,00	109	31	6	0 5200007001 00	69,91
7,50	8,00	109	31	6	0 5200007501 00	76,35
8,00	8,00	117	33	6	0 5200008001 00	73,16
8,50	8,00	117	33	6	0 5200008501 00	81,93
9,00	10,00	125	36	6	0 5200009001 00	84,42
9,50	10,00	125	36	6	0 5200009501 00	97,28
10,00	10,00	133	38	6	0 5200010001 00	90,83

Zwischendurchmesser auf Anfrage.

Intermediate dimensions upon request.

Diametri intermedi a richiesta.

Ausführungen für andere Passungen als H7 siehe Seite II/17.

Versions different to H7 see on page II/20.

Esecuzioni con altre tolleranze vedi pagina II/23.

<sup>1)</sup> Ausführung in extrem ungleicher Teilung.  
Execution in extremely non-uniform pitch.  
Esecuzione con divisione molto irregolare.

<sup>2)</sup> ganzzahliger Schaftdurchmesser  
nominal shank  
diam. codolo nominale



## >> EU<sup>1)</sup>-HM-NC-MASCHINEN-REIBAHLEN, LINKSSPIRALE, ÄHNLICH DIN 8093

### Einsatzbereich:

Spiralgenutete Ausführung, 8° Linksspirale, vorwiegend für Durchgangsbohrungen in alle E- und NE-Metalle geeignet, besonders für unterbrochene Schnitte wie Längsnuten, Querbohrungen usw.

## EU<sup>1)</sup>-TUNGSTEN CARBIDE NC-MACHINE REAMERS, LEFT HAND SPIRAL, SIMILAR TO DIN 8093

### Range of application:

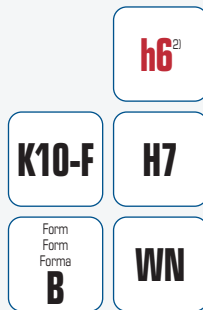
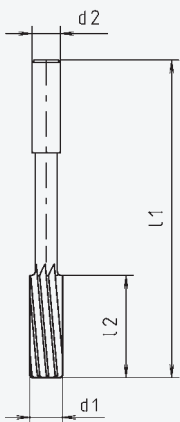
Ferrous and non-ferrous metals. Slow helix type 8° left hand spiral suitable for interrupted borings, slots and crossborings, etc.

## ALESATORI A MACCHINA NC EU<sup>1)</sup> PLACCHETTE METALLO DURO, ELICA SINISTRA, SIMILI DIN 8093

### Impiego:

Alesatori con taglianti elicoidali sinistri a 8° per fori passanti in tutti i materiali ferrosi e non ferrosi, particolarmente adatti per sezioni interrotte, quali scanalature longitudinali, fori trasversali ecc.

< 400 N/mm <sup>2</sup>	< 850 N/mm <sup>2</sup>	< 1.100 N/mm <sup>2</sup>	< 1.300 N/mm <sup>2</sup>	> 45 HRC	<b>INOX</b> < 850 N/mm <sup>2</sup>	<b>INOX</b> > 850 N/mm <sup>2</sup>	<b>GRAUGUSS CAST IRON GHISA GRIGIA</b>	<b>Ti</b>	<b>Cu, Ms</b>	<b>Al</b>	
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d1 <sub>H7</sub> mm	d2 <sub>h6</sub> mm	l1 mm	l2 mm	Z	Code 5210 Art.-Nr.	€
1,40	2,00	40	8	3	0 5210001401 00	29,74
1,50	2,00	40	8	3	0 5210001501 00	24,88
1,60	2,00	43	9	3	0 5210001601 00	31,39
1,80	2,00	46	10	3	0 5210001801 00	33,01
2,00	2,00	49	11	4	0 5210002001 00	28,91
2,20	3,00	53	12	4	0 5210002201 00	37,80
2,50	3,00	57	14	4	0 5210002501 00	33,84
2,80	3,00	61	15	4	0 5210002801 00	39,46
3,00	3,00	61	15	4	0 5210003001 00	32,12
3,20	4,00	65	16	6	0 5210003201 00	40,99
3,50	4,00	70	18	6	0 5210003501 00	38,64
4,00	4,00	75	19	6	0 5210004001 00	37,80
4,50	5,00	80	21	6	0 5210004501 00	49,06
5,00	5,00	86	23	6	0 5210005001 00	51,49
5,50	6,00	93	26	6	0 5210005501 00	57,88
6,00	6,00	93	26	6	0 5210006001 00	62,70
6,50	6,00	101	28	6	0 5210006501 00	68,32
7,00	8,00	109	31	6	0 5210007001 00	69,91
7,50	8,00	109	31	6	0 5210007501 00	76,35
8,00	8,00	117	33	6	0 5210008001 00	73,16
8,50	8,00	117	33	6	0 5210008501 00	81,93
9,00	10,00	125	36	6	0 5210009001 00	84,42
9,50	10,00	125	36	6	0 5210009501 00	97,28
10,00	10,00	133	38	6	0 5210010001 00	90,83
10,50	10,00	133	38	6	0 5210010501 00	103,70

<sup>1)</sup> Ausführung in extrem ungleicher Teilung.  
Execution in extremely non-uniform pitch.  
Esecuzione con divisione molto irregolare.

<sup>2)</sup> ganzzahliger Schaftdurchmesser  
nominal shank  
diam. codolo nominale

Ø 1,40–12,00 VHM I solid carbide I metallo duro integrale

Ø 12,50–20,00 nur VHM-Kopf I only solid carbide cutting part I parte taglianti metallo duro integrale

Ausführungen für andere Passungen als H7 siehe Seite II/17.

Versions different to H7 see on page II/20.

Esecuzioni con altre tolleranze vedi pagina II/23.

Fortsetzung auf Seite II/16 | Continued on page II/16 | Segue a pagina II/16

>> **EU<sup>11</sup>-HM-NC-MASCHINEN-REIBAHLEN, LINKSSPIRALE, ÄHNLICH DIN 8093**

**EU<sup>11</sup>-TUNGSTEN CARBIDE NC-MACHINE REAMERS, LEFT HAND SPIRAL, SIMILAR TO DIN 8093**

**ALESATORI A MACCHINA NC EU<sup>11</sup> PLACCHETTE METALLO DURO, ELICA SINISTRA, SIMILI DIN 8093**

Fortsetzung von Seite II/15 | Continued from page II/15 |  
Segue da pagina II/15

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d1 <sub>H7</sub> mm	d2 <sub>h6</sub> mm	l1 mm	l2 mm	Z	Code 5210 Art.-Nr.	€
11,00	10,00	142	41	6	0 5210011001 00	<b>106,10</b>
11,50	10,00	142	41	6	0 5210011501 00	<b>124,70</b>
12,00	10,00	142	41	6	0 5210012001 00	<b>109,30</b>
12,50	10,00	151	44	6	0 5210012501 00	<b>123,90</b>
13,00	10,00	151	44	8	0 5210013001 00	<b>123,90</b>
14,00	14,00	160	47	8	0 5210014001 00	<b>138,30</b>
15,00	14,00	162	50	8	0 5210015001 00	<b>156,00</b>
16,00	14,00	170	52	8	0 5210016001 00	<b>169,60</b>
17,00	14,00	175	54	6	0 5210017001 00	<b>200,20</b>
18,00	14,00	182	56	6	0 5210018001 00	<b>219,50</b>
19,00	16,00	189	58	6	0 5210019001 00	<b>238,00</b>
20,00	16,00	195	60	6	0 5210020001 00	<b>254,80</b>

