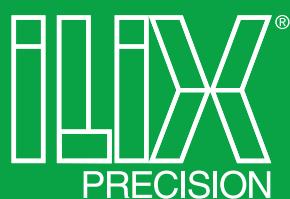


Alesatori

Reamers



DIN 212 A/C-B/D-E



Alesatori a macchina con attacco cilindrico, in HSS-Co per ottenere fori in tolleranza H7

Machine chucking reamers with straight shank, made of HSS-Co to produce holes with H7 tolerance



Forma / Form				A/C	E	B/D	B/D
Tipo / Type				Taglienti diritti straight	Taglienti 45° LH	Taglienti 7/8° LH	Taglienti 7/8° LH
Esecuzione elica Cutting direction							
Materiale / Material				HSS-Co	HSS-Co	HSS-Co	HSS-Co
Ø mm	l ₁ mm	l ₂ mm	d ₂ h9	6321	6325	6326	6326 TN
1,0•	37	5	1,0	●	●	●	●
1,1•	40	7	1,1	●	●	●	●
1,2•	40	7	1,2	●	●	●	●
1,3•	40	7	1,3	●	●	●	●
1,4	40	8	1,4	●	●	●	●
1,5	40	8	1,5	●	●	●	●
1/16"	43	9	1,588	-	-	●	●
1,6	43	9	1,6	●	●	●	●
1,7	43	9	1,7	●	●	●	●
1,8	46	10	1,8	●	●	●	●
1,9	46	10	1,9	●	●	●	●
2,0	49	11	2,0	●	●	●	●
2,1	49	11	2,1	●	●	●	●
2,2	53	12	2,2	●	●	●	●
2,3	53	12	2,3	●	●	●	●
3/32"	57	14	2,382	-	-	●	●
2,4	57	14	2,4	●	●	●	●
2,5	57	14	2,5	●	●	●	●
2,6	57	14	2,6	●	●	●	●
2,7	61	15	2,7	●	●	●	●
7/64"	61	15	2,779	-	-	●	●
2,8	61	15	2,8	●	●	●	●
2,9	61	15	2,9	●	●	●	●
3,0	61	15	3,0	●	●	●	●
3,1	65	16	3,1	●	●	●	●
1/8"	65	16	3,175	-	-	●	●
3,2	65	16	3,2	●	●	●	●
3,3	65	18	3,3	●	●	●	●
3,4	70	18	3,4	●	●	●	●
3,5	70	18	3,5	●	●	●	●
3,6	70	18	3,6	●	●	●	●
3,7	70	18	3,7	●	●	●	●
3,8	75	19	4,0	●	●	●	●
3,9	75	19	4,0	●	●	●	●
4,0	75	19	4,0	●	●	●	●
4,1	75	19	4,0	●	●	●	●
4,2	75	19	4,0	●	●	●	●
4,3	80	21	4,5	●	●	●	●

*ILIX Standard

● Utensile disponibile a magazzino / Items available ex stock

DIN 212 A/C-B/D-E



Alesatori a macchina con attacco cilindrico, in HSS-Co per ottenere fori in tolleranza H7

Machine chucking reamers with straight shank, made of HSS-Co to produce holes with H7 tolerance



Forma / Form				A/C	E	B/D	B/D
Tipo / Type				Taglienti diritti straight	Taglienti 45° LH	Taglienti 7/8° LH	Taglienti 7/8° LH
Esecuzione elica Cutting direction							
Materiale / Material				HSS-Co	HSS-Co	HSS-Co	HSS-Co
Ø mm	l ₁ mm	l ₂ mm	d ₂ h9	6321	6325	6326	6326 TN
4,4	80	21	4,5	●	●	●	●
4,5	80	21	4,5	●	●	●	●
4,6	80	21	4,5	●	●	●	●
4,7	80	21	4,5	●	●	●	●
3/16"	86	23	5,0	-	-	●	●
4,8	86	23	5,0	●	●	●	●
4,9	86	23	5,0	●	●	●	●
5,0	86	23	5,0	●	●	●	●
5,1	86	23	5,0	●	●	●	●
5,2	86	23	5,0	●	●	●	●
5,3	86	23	5,0	●	●	●	●
5,4	93	26	5,6	●	●	●	●
5,5	93	26	5,6	●	●	●	●
5,6	93	26	5,6	●	●	●	●
5,7	93	26	5,6	●	●	●	●
5,8	93	26	5,6	●	●	●	●
5,9	93	26	5,6	●	●	●	●
6,0	93	26	5,6	●	●	●	●
6,1	101	28	6,3	●	●	●	●
6,2	101	28	6,3	●	●	●	●
6,3	101	28	6,3	●	●	●	●
1/4"	101	28	6,3	-	-	●	●
6,4	101	28	6,3	●	●	●	●
6,5	101	28	6,300	●	●	●	●
6,6	101	28	6,300	●	●	●	●
6,7	101	28	6,300	●	●	●	●
6,8	109	31	7,1	●	●	●	●
6,9	109	31	7,1	●	●	●	●
7,0	109	31	7,1	●	●	●	●
7,1	109	31	7,1	●	●	●	●
7,2	109	31	7,1	●	●	●	●
7,3	109	31	7,1	●	●	●	●
7,4	109	31	7,1	●	●	●	●
7,5	109	31	7,1	●	●	●	●
7,6	117	33	8,0	●	●	●	●
7,7	117	33	8,0	●	●	●	●
7,8	117	33	8,0	●	●	●	●
7,9	117	33	8,0	●	●	●	●

● Utensile disponibile a magazzino / Items available ex stock

DIN 212 A/C-B/D-E



Alesatori a macchina con attacco cilindrico, in HSS-Co

per ottenere fori in tolleranza H7

Machine chucking reamers with straight shank, made of HSS-Co

to produce holes with H7 tolerance



Forma / Form				A/C	E	B/D	B/D
Tipo / Type				Taglienti diritti straight	Taglienti 45° LH	Taglienti 7/8° LH	Taglienti 7/8° LH
Esecuzione elica Cutting direction							
Materiale / Material				HSS-Co	HSS-Co	HSS-Co	HSS-Co
Ø mm	l ₁ mm	l ₂ mm	d ₂ h9	6321	6325	6326	6326 TN
5/16"	117	33	8,0	-	-	●	●
8,0	117	33	8,0	●	●	●	●
8,1	117	33	8,0	●	●	●	●
8,2	117	33	8,0	●	●	●	●
8,3	117	33	8,0	●	●	●	●
8,4	117	33	8,0	●	●	●	●
8,5	117	33	8,0	●	●	●	●
8,6	125	36	9,0	●	●	●	●
8,7	125	36	9,0	●	●	●	●
8,8	125	36	9,0	●	●	●	●
8,9	125	36	9,0	●	●	●	●
9,0	125	36	9,0	●	●	●	●
9,1	125	36	9,0	●	●	●	●
9,2	125	36	9,0	●	●	●	●
9,3	125	36	9,0	●	●	●	●
9,4	125	36	9,0	●	●	●	●
9,5	125	36	9,0	●	●	●	●
3/8"	133	38	10,0	-	-	●	●
9,6	133	38	10,0	●	●	●	●
9,7	133	38	10,0	●	●	●	●
9,8	133	38	10,0	●	●	●	●
9,9	133	38	10,0	●	●	●	●
10,0	133	38	10,0	●	●	●	●
10,1	133	38	10,0	●	●	●	●
10,2	133	38	10,0	●	●	●	●
10,3	133	38	10,0	●	●	●	●
10,4	133	38	10,0	●	●	●	●
10,5	133	38	10,0	●	●	●	●
10,6	133	38	10,0	●	●	●	●
10,7	142	41	10,0	●	●	●	●
10,8	142	41	10,0	●	●	●	●
10,9	142	41	10,0	●	●	●	●
11,0	142	41	10,0	●	●	●	●
11,5	142	41	10,0	●	●	●	●
12,0	151	44	10,0	●	●	●	●
12,5	151	44	10,0	●	●	●	●
1/2"	151	44	10,0	-	-	●	●
13,0	151	44	10,0	●	●	●	●

● Utensile disponibile a magazzino / Items available ex stock



Alesatori a macchina con attacco cilindrico, in HSS-Co per ottenere fori in tolleranza H7

Machine chucking reamers with straight shank, made of HSS-Co to produce holes with H7 tolerance



Forma / Form				A/C	E	B/D	B/D
Tipo / Type				Taglienti diritti straight	Taglienti 45° LH	Taglienti 7/8° LH	Taglienti 7/8° LH
Esecuzione elica Cutting direction							
Materiale / Material				HSS-Co	HSS-Co	HSS-Co	HSS-Co
Ø mm	l ₁ mm	l ₂ mm	d ₂ h9	6321	6325	6326	6326 TN
13,5	160	47	12,5	●	●	●	●
14,0	160	47	12,5	●	●	●	●
14,5	162	50	12,5	●	●	●	●
15,0	162	50	12,5	●	●	●	●
15,5	170	52	12,5	●	●	●	●
5/8"	170	52	12,5	-	-	●	●
16,0	170	52	12,5	●	●	●	●
16,5	175	54	14,0	●	●	●	●
17,0	175	54	14,0	●	●	●	●
17,5	182	56	14,0	●	●	●	●
18,0	182	56	14,0	●	●	●	●
18,5	189	58	16,0	●	●	●	●
19,0	189	58	16,0	●	●	●	●
3/4"	195	60	16,0	-	-	●	●
19,5	195	60	16,0	●	●	●	●
20,0	195	60	16,0	●	●	●	●

Diametro Diameter range	6321 N. taglienti No. of cutting lips	6325 N. taglienti No. of cutting lips	6326 N. taglienti No. of cutting lips	6326TN N. taglienti No. of cutting lips
0,6 mm - 2,4 mm	3	2	3	3
2,5 mm - 3,9 mm	5	3	5	5
4,0 mm - 13,5 mm	6	3	6	6
13,5 mm - 14,5 mm	8	3	8	8
15,0 mm - 20,0 mm	8	4	8	8

**ILIX Standard

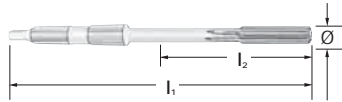
● Utensile disponibile a magazzino / Items available ex stock

DIN 208 A/B/C



Alesatori a macchina con attacco conico, in HSS-Co per ottenere fori in tolleranza H 7

Machine chucking reamers with Morse taper shank, made of HSS-Co to produce holes with H7 tolerance



Forma / Form				A	B	C
Tipo / Type				Taglienti dritti straight	Taglienti 7/8° LH	Taglienti 45° LH
Esecuzione elica Cutting direction						
Materiale / Material				HSS-Co	HSS-Co	HSS-Co
Ø mm	l ₁ mm	l ₂ mm	CM MT	6333	6337	6335
5,0	133	23	1	●	●	●
5,5	138	26	1	●	●	-
6,0	138	26	1	●	●	●
6,5	144	28	1	●	●	-
7,0	150	31	1	●	●	●
7,5	150	31	1	●	●	-
8,0	156	33	1	●	●	●
8,5	156	33	1	●	●	-
9,0	162	36	1	●	●	●
9,5	162	36	1	●	●	-
10,0	168	38	1	●	●	●
10,5	168	38	1	●	●	-
11,0	175	41	1	●	●	●
11,5	175	41	1	●	●	-
12,0	182	41	1	●	●	●
12,5	182	44	1	●	●	-
13,0	182	44	1	●	●	●
13,5	189	47	1	●	●	-
14,0	189	47	1	●	●	●
14,5	204	50	2	●	●	-

Forma / Form				A	B	C
Tipo / Type				Taglienti dritti straight	Taglienti 7/8° LH	Taglienti 45° LH
Esecuzione elica Cutting direction						
Materiale / Material				HSS-Co	HSS-Co	HSS-Co
Ø mm	l ₁ mm	l ₂ mm	CM MT	6333	6337	6335
15,0	204	50	2	●	●	●
15,5	210	52	2	●	●	-
16,0	210	52	2	●	●	●
16,5	214	54	2	●	●	-
17,0	214	54	2	●	●	●
17,5	219	56	2	●	●	-
18,0	219	56	2	●	●	●
18,5	223	58	2	●	●	-
19,0	223	58	2	●	●	●
19,5	228	60	2	●	●	-
20,0	228	60	2	●	●	●
20,5	232	62	2	●	●	-
21,0	232	62	2	●	●	●
21,5	237	64	2	●	●	-
22,0	237	64	2	●	●	●
22,5	241	66	2	●	●	-
23,0	241	66	2	●	●	●
23,5	241	66	2	●	●	-
24,0	268	68	3	●	●	●
24,5	268	68	3	●	●	-

Diametro Diameter range	6333 N. taglienti No. of cutting lips	6337 N. taglienti No. of cutting lips	6335 N. taglienti No. of cutting lips
5,0 mm - 14,0 mm	6	6	3
14,5 mm - 15,0 mm	8	8	3
15,5 mm - 24,5 mm	8	8	4
25,0 mm - 35,0 mm	10	10	4
36,0 mm - 40,0 mm	-	12	-

Per misure intermedie prezzi a richiesta / Deviating sizes prices upon request

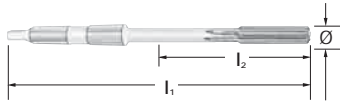
● Utensile disponibile a magazzino / Items available ex stock

DIN 208 A/B/C



Alesatori a macchina con attacco conico, in HSS-Co per ottenere fori in tolleranza H 7

Machine chucking reamers with Morse taper shank, made of HSS-Co to produce holes with H7 tolerance



Forma / Form				A	B	C
Tipo / Type				Taglienti diritti straight	Taglienti 7/8° LH	Taglienti 45° LH
Esecuzione elica Cutting direction						
Materiale / Material				HSS-Co	HSS-Co	HSS-Co
Ø mm	l ₁ mm	l ₂ mm	CM MT	6333	6337	6335
25,0	268	68	3	●	●	●
25,5	273	70	3	●	●	-
26,0	273	70	3	●	●	●
26,5	273	70	3	●	●	-
27,0	277	71	3	●	●	●
27,5	277	71	3	●	●	-
28,0	277	71	3	●	●	●
28,5	281	73	3	●	●	-
29,0	281	73	3	●	●	●
29,5	281	73	3	●	●	-
30,0	281	73	3	●	●	●
30,5	285	75	3	●	●	-
31,0	285	75	3	●	●	●
31,5	285	75	3	●	●	-
32,0	317	77	4	●	●	●
33,0	317	77	4	-	●	-
34,0	321	78	4	-	●	-
35,0	321	78	4	-	●	-
36,0	325	79	4	-	●	-
37,0	325	79	4	-	●	-

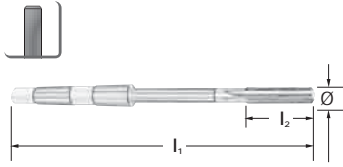
Forma / Form				A	B	C
Tipo / Type				Taglienti diritti straight	Taglienti 7/8° LH	Taglienti 45° LH
Esecuzione elica Cutting direction						
Materiale / Material				HSS-Co	HSS-Co	HSS-Co
Ø mm	l ₁ mm	l ₂ mm	CM MT	6333	6337	6335
38,0	329	81	4	-	●	-
39,0	329	81	4	-	●	-
40,0	329	81	4	-	●	-

Diametro Diameter range	6333 N. taglienti No. of cutting lips	6337 N. taglienti No. of cutting lips	6335 N. taglienti No. of cutting lips
5,0 mm - 14,0 mm	6	6	3
14,5 mm - 15,0 mm	8	8	3
15,5 mm - 24,5 mm	8	8	4
25,0 mm - 35,0 mm	10	10	4
36,0 mm - 40,0 mm	-	12	-

Per misure intermedie prezzi a richiesta / Deviating sizes prices upon request
 ● Utensile disponibile a magazzino / Items available ex stock



Alesatori ad espansione con attacco conico,
in HSS espansione max 0,01 mm del \emptyset
Expansion reamers with Morse taper shank
expandable up to max. 0,01 mm \emptyset



Forma / Form					ILIX NORM
Tipo / Type					Taglienti diritti straight
Esecuzione elica Cutting direction					
Materiale / Material					HSS-Co
\emptyset mm	l_1 mm	l_2 mm	CM MT	6307	
8	156	33	1	■	
11	175	41	1	■	
12	182	44	1	■	
14	189	44	1	■	
15	204	50	2	■	
16	210	52	2	■	
17	214	54	2	■	
18	219	56	2	■	
20	228	60	2	■	

Forma / Form					ILIX NORM
Tipo / Type					Taglienti diritti straight
Esecuzione elica Cutting direction					
Materiale / Material					HSS-Co
\emptyset mm	l_1 mm	l_2 mm	CM MT	6307	

Per misure intermedie prezzi a richiesta / for intermediate sizes prices upon request
■ Fino ad esaurimento scorte / discontinued items