

PUNTE ELICOIDALI TIPO N in metallo duro integrale



SOLID CARBIDE TWIST DRILLS - TYPE N



HARTMETALL SPIRALBOHRER - TYP N



FORETS HÉLICOÏDAUX EN CARBURE MONOBLOC - TYPE N



BROCAS HELICOIDALES DE METAL DURO INTEGRAL - TIPOLOGIA N



PUNTE ELICOIDALI

IN METALLO DURO INTEGRALE

SOLID CARBIDE TWIST DRILLS
VHM SPIRALBOHRER
FORETS HÉLICOÏDAUX EN CARBURE MONOBLOC
BROCAS HELICOIDALES DE METAL DURO INTEGRAL

DIN 6539

SIMILARE A 1897 - SERIE EXTRA CORTA

DIN 6539 - SIMILAR TO DIN 1897 - EXTRA SHORT SERIES
DIN 6539 - ÄHNLICH DIN 1897 - EXTRA KURZE AUSFÜHRUNG
DIN 6539 - SIMILAIRE DIN 1897 - SÉRIE EXTRA COURTE
DIN 6539 - SIMILAR A DIN 1897 - SERIE EXTRA CORTA

1100 - 1100TN - 1100TF



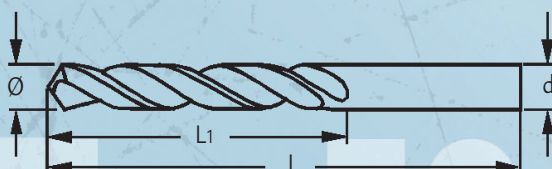
Ø mm h7	L mm	L ₁ mm	d mm h6	1100 €	1100TN €	1100TF €
0.5	20	3	0.5	4,91	8,33*	9,68*
0.6	21	3.5	0.6	4,91	8,33*	9,68*
0.7	23	4.5	0.7	4,91	8,33*	9,68*
0.8	24	5	0.8	4,91	8,33*	9,68*
0.9	25	5.5	0.9	4,91	8,33*	9,68*
1.0	26	6	1.0	4,91	8,33*	9,68*
1.1	28	7	1.1	4,91	8,33*	9,68*
1.2	30	8	1.2	4,91	8,33*	9,68*
1.3	30	8	1.3	4,91	8,33*	9,68*
1.4	32	9	1.4	4,91	8,33*	9,68*
1.5	32	9	1.5	4,91	8,33*	9,68*
1.6	34	10	1.6	4,91	8,33*	9,68*
1.7	34	10	1.7	4,91	8,33*	9,68*
1.8	36	11	1.8	4,91	8,33*	9,68*
1.9	36	11	1.9	4,91	8,33*	9,68*
2.0	38	12	2.0	4,91	7,31*	8,29*
2.1	38	12	2.1	5,44	7,85*	8,80*
2.2	40	13	2.2	5,44	7,85*	8,80*
2.3	40	13	2.3	5,44	7,85*	8,80*
2.4	43	14	2.4	5,44	7,85*	8,80*
2.5	43	14	2.5	5,44	7,85*	8,80*
2.6	43	14	2.6	5,44	7,85*	8,80*
2.7	46	16	2.7	7,25	9,68*	10,67*
2.8	46	16	2.8	7,25	9,68*	10,67*
2.9	46	16	2.9	7,25	9,68*	10,67*
3.0	46	16	3.0	7,25	9,68*	10,67*
3.1	49	18	3.1	8,29	10,74*	11,70*

Ø mm h7	L mm	L ₁ mm	d mm h6	1100 €	1100TN €	1100TF €
3.2	49	18	3.2	8,29	10,74*	11,70*
3.3	49	18	3.3	8,29	11,46*	12,69*
3.4	52	20	3.4	8,89	12,01*	13,28*
3.5	52	20	3.5	8,89	12,01*	13,28*
3.6	52	20	3.6	9,80	12,97*	14,20*
3.7	52	20	3.7	9,80	12,97*	14,20*
3.8	55	22	3.8	10,60	13,72*	14,99*
3.9	55	22	3.9	10,60	13,72*	14,99*
4.0	55	22	4.0	10,64	13,76*	14,99*
4.1	55	22	4.1	11,18	14,48*	15,80*
4.2	55	22	4.2	11,18	14,48*	15,80*
4.3	58	24	4.3	11,84	15,15*	16,50*
4.4	58	24	4.4	11,84	15,15*	16,50*
4.5	58	24	4.5	11,84	15,15*	16,50*
4.6	58	24	4.6	11,84	15,15*	16,50*
4.7	58	24	4.7	12,76	16,05*	17,40*
4.8	62	26	4.8	12,76	16,05*	17,40*
4.9	62	26	4.9	12,76	16,05*	17,40*
5.0	62	26	5.0	12,76	16,05*	17,40*
5.1	62	26	5.1	12,76	16,05*	17,40*
5.2	62	26	5.2	16,65	19,90*	21,25*
5.3	62	26	5.3	16,65	19,90*	21,25*
5.4	66	28	5.4	16,65	19,90*	21,25*
5.5	66	28	5.5	16,65	19,90*	21,25*
5.6	66	28	5.6	17,70	21,00*	22,30*
5.7	66	28	5.7	17,70	21,00*	22,30*
5.8	66	28	5.8	17,70	21,00*	22,30*

* A richiesta - On Request - Auf Anfrage - Sur Demande - A Pedido

→1-4

→2-4



DIN 6539

SIMILARE A 1897 - SERIE EXTRA CORTA
 DIN 6539 - SIMILAR TO DIN 1897 - EXTRA SHORT SERIES
 DIN 6539 - ÄHNLICH DIN 1897 - EXTRA KURZE AUSFÜHRUNG
 DIN 6539 - SIMILAIRE DIN 1897 - SÉRIE EXTRA COURTE
 DIN 6539 - SIMILAR A DIN 1897 - SERIE EXTRA CORTA

PUNTE ELICOIDALI IN METALLO DURO INTEGRALE

SOLID CARBIDE TWIST DRILLS
 VHM SPIRALBOHRER
 FORETS HÉLICOÏDAUX EN CARBURE MONOBLOC
 BROCAS HELICOIDALES DE METAL DURO INTEGRAL

1100 - 1100TN - 1100TF



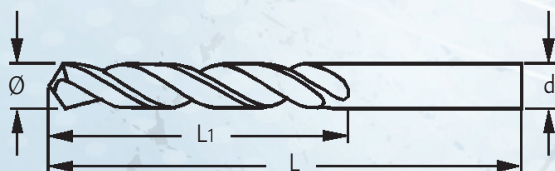
Ø mm h7	L mm	L ₁ mm	d mm h6	1100 €	1100TN €	1100TF €
5.9	66	28	5.9	17,70	21,00*	22,30*
6.0	66	28	6.0	17,70	21,00*	22,30*
6.1	70	31	6.1	22,05	26,50*	28,25*
6.2	70	31	6.2	22,05	26,50*	28,25*
6.3	70	31	6.3	22,05	26,50*	28,25*
6.4	70	31	6.4	22,05	26,50*	28,25*
6.5	70	31	6.5	21,40	25,80*	27,55*
6.6	70	31	6.6	26,05	30,40*	32,30*
6.7	70	31	6.7	26,05	30,40*	32,30*
6.8	74	34	6.8	26,05	30,40*	32,30*
6.9	74	34	6.9	26,05	30,40*	32,30*
7.0	74	34	7.0	25,75	30,30*	31,95*
7.1	74	34	7.1	31,20	35,65*	37,65*
7.2	74	34	7.2	31,20	35,65*	37,65*
7.3	74	34	7.3	31,20	35,65*	37,65*
7.4	74	34	7.4	31,20	35,65*	37,65*
7.5	74	34	7.5	31,05	35,45*	37,30*
7.6	79	37	7.6	35,25	40,30*	42,10*
7.7	79	37	7.7	35,25	40,30*	42,10*
7.8	79	37	7.8	35,25	40,30*	42,10*
7.9	79	37	7.9	35,25	40,30*	42,10*
8.0	79	37	8.0	34,70	39,90*	41,70*
8.1	79	37	8.1	43,20	48,70*	51,00*
8.2	79	37	8.2	43,20	48,70*	51,00*
8.3	79	37	8.3	43,20	48,70*	51,00*
8.4	79	37	8.4	43,20	48,70*	51,00*
8.5	79	37	8.5	44,00	49,50*	51,60*

Ø mm h7	L mm	L ₁ mm	d mm h6	1100 €	1100TN €	1100TF €
8.6	84	40	8.6	46,90	52,40*	54,60*
8.7	84	40	8.7	46,90	52,40*	54,60*
8.8	84	40	8.8	46,90	52,40*	54,60*
8.9	84	40	8.9	46,90	52,40*	54,60*
9.0	84	40	9.0	44,30	49,80*	52,10*
9.1	84	40	9.1	51,30	56,80*	59,10*
9.2	84	40	9.2	51,30	56,80*	59,10*
9.3	84	40	9.3	51,30	56,80*	59,10*
9.4	84	40	9.4	51,30	56,80*	59,10*
9.5	84	40	9.5	49,10	54,60*	56,80*
9.6	89	43	9.6	52,70	58,30*	60,50*
9.7	89	43	9.7	52,70	58,30*	60,50*
9.8	89	43	9.8	52,70	58,30*	60,50*
9.9	89	43	9.9	52,70	58,30*	60,50*
10.0	89	43	10.0	50,60	56,10*	58,30*
10.2	89	43	10.2	59,80	66,40*	69,00*
10.5	89	43	10.5	59,80	66,40*	69,00*
11.0	95	47	11.0	66,40	73,10*	75,90*
11.5	95	47	11.5	77,90	84,40*	87,20*
12.0	102	51	12.0	77,90	84,40*	87,20*
13.0	102	51	13.0	94,40	102,00*	104,00*
14.0	107	54	14.0	125,50	132,50*	135,00*
15.0	111	56	15.0	137,00	145,50*	148,50*
16.0	115	58	16.0	155,50	163,50*	167,00*
18.0	123	62	18.0	214,50	226,00*	230,00*
20.0	131	66	20.0	287,00	300,00*	304,00*

* A richiesta - On Request - Auf Anfrage - Sur Demande - A Pedido

→3-4

→4-4



PUNTE ELICOIDALI

IN METALLO DURO INTEGRALE

SOLID CARBIDE TWIST DRILLS
VHM SPIRALBOHRER
FORÈTS HÉLICOÏDAUX EN CARBURE MONOBLOC
BROCAS HELICOIDALES DE METAL DURO INTEGRAL

TALICARB NORM

SIMILARE A DIN 338 - SERIE CORTA

TALICARB NORM - SIMILAR TO DIN 338 - SHORT SERIES
TALICARB NORM - ÄHNLICH DIN 338 - KURZE AUSFÜHRUNG
TALICARB NORM - SIMILAIRE DIN 338 - SERIE COURTE
TALICARB NORM - SIMILAR A DIN 338 - SERIE CORTA

1101 - 1101 TN - 1101 TF

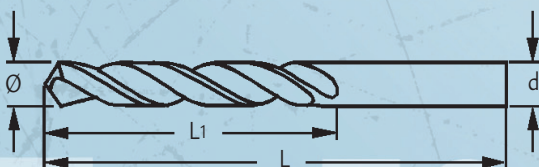
Ø mm h7	L mm	L ₁ mm	d mm h6	1101 €	1101TN €	1101TF €
0.5	22	6	0.5	4,63	8,07*	9,42*
0.6	24	7	0.6	4,63	8,07*	9,42*
0.7	28	9	0.7	4,63	8,07*	9,42*
0.8	30	10	0.8	4,63	8,07*	9,42*
0.9	32	11	0.9	4,63	8,07*	9,42*
1.0	34	12	1.0	4,63	8,07*	9,42*
1.1	36	14	1.1	5,28	8,41*	9,66*
1.2	38	16	1.2	5,28	8,41*	9,66*
1.3	38	16	1.3	5,28	8,41*	9,66*
1.4	40	18	1.4	5,28	8,41*	9,66*
1.5	40	18	1.5	5,28	8,41*	9,66*
1.6	43	20	1.6	5,28	8,41*	9,66*
1.7	43	20	1.7	5,92	8,89*	9,33*
1.8	46	22	1.8	6,42	9,36*	9,80*
1.9	46	22	1.9	6,42	9,36*	9,80*
2.0	49	24	2.0	6,42	9,36*	9,80*
2.1	49	24	2.1	7,55	10,50*	10,91*
2.2	53	27	2.2	8,21	10,88*	11,94*
2.3	53	27	2.3	8,21	10,88*	11,94*
2.4	57	30	2.4	8,21	10,88*	11,94*
2.5	57	30	2.5	8,07	10,74*	11,80*
2.6	57	30	2.6	9,33	11,97*	13,04*
2.7	61	33	2.7	10,84	13,48*	14,58*
2.8	61	33	2.8	11,46	14,10*	15,15*
2.9	61	33	2.9	11,46	14,10*	15,15*
3.0	61	33	3.0	10,53	13,21*	14,27*
3.1	65	36	3.1	11,94	14,62*	15,70*

Ø mm h7	L mm	L ₁ mm	d mm h6	1101 €	1101TN €	1101TF €
3.2	65	36	3.2	11,94	14,62*	15,70*
3.3	65	36	3.3	12,11	15,25*	16,55*
3.4	70	39	3.4	13,41	16,55*	17,85*
3.5	70	39	3.5	13,17	16,30*	17,55*
3.6	70	39	3.6	14,17	17,30*	18,55*
3.7	70	39	3.7	14,17	17,30*	18,55*
3.8	75	43	3.8	14,99	18,80*	19,40*
3.9	75	43	3.9	14,99	18,80*	19,40*
4.0	75	43	4.0	14,86	18,65*	19,25*
4.1	75	43	4.1	15,35	18,60*	19,90*
4.2	75	43	4.2	15,35	18,60*	19,90*
4.3	80	47	4.3	20,25	24,20*	25,75*
4.4	80	47	4.4	20,25	24,20*	25,75*
4.5	80	47	4.5	18,40	22,35*	23,95*
4.6	80	47	4.6	21,05	25,00*	26,55*
4.7	80	47	4.7	21,05	25,00*	26,55*
4.8	86	52	4.8	21,70	25,65*	27,25*
4.9	86	52	4.9	21,70	25,65*	27,25*
5.0	86	52	5.0	20,20	24,15*	25,70*
5.1	86	52	5.1	24,40	28,45*	30,10*
5.2	86	52	5.2	24,40	28,45*	30,10*
5.3	86	52	5.3	24,40	28,45*	30,10*
5.4	93	57	5.4	27,90	31,95*	33,60*
5.5	93	57	5.5	26,70	30,65*	32,30*
5.6	93	57	5.6	29,20	33,25*	34,70*
5.7	93	57	5.7	29,20	33,25*	34,70*
5.8	93	57	5.8	29,20	33,25*	34,70*

* A richiesta - On Request - Auf Anfrage - Sur Demande - A Pedido

→1-4

→2-4



TALICARB NORM SIMILARE A DIN 338 - SERIE CORTA

TALICARB NORM - SIMILAR TO DIN 338 - SHORT SERIES
TALICARB NORM - ÄHNLICH DIN 338 - KURZE AUSFÜHRUNG
TALICARB NORM - SIMILAIRE DIN 338 - SERIE COURTE
TALICARB NORM - SIMILAR A DIN 338 - SERIE CORTA

PUNTE ELICOIDALI IN METALLO DURO INTEGRALE

SOLID CARBIDE TWIST DRILLS
VHM SPIRALBOHRER
FORETS HÉLICOÏDAUX EN CARBURE MONOBLOC
BROCAS HELICOIDALES DE METAL DURO INTEGRAL

1101 - 1101 TN - 1101 TF

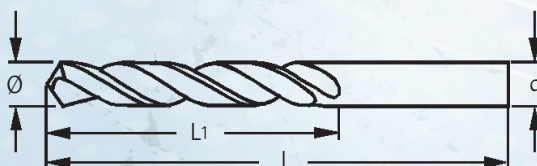
Ø mm h7	L mm	L ₁ mm	d mm h6	1101 €	1101TN €	1101TF €
5.9	93	57	5.9	29,20	33,25*	34,70*
6.0	93	57	6.0	28,45	32,50*	34,15*
6.1	101	63	6.1	36,20	42,50*	44,70*
6.2	101	63	6.2	36,20	42,50*	44,70*
6.3	101	63	6.3	36,20	42,50*	44,70*
6.4	101	63	6.4	36,20	42,50*	44,70*
6.5	101	63	6.5	35,10	41,40*	43,60*
6.6	101	63	6.6	42,50	48,70*	51,00*
6.7	101	63	6.7	42,50	48,70*	51,00*
6.8	109	69	6.8	42,50	48,70*	51,00*
6.9	109	69	6.9	42,10	48,40*	50,60*
7.0	109	69	7.0	42,10	48,40*	50,60*
7.1	109	69	7.1	44,70	51,00*	53,20*
7.2	109	69	7.2	44,70	51,00*	53,20*
7.3	109	69	7.3	44,70	51,00*	53,20*
7.4	109	69	7.4	44,70	51,00*	53,20*
7.5	109	69	7.5	44,70	51,00*	53,20*
7.6	117	75	7.6	49,80	56,10*	58,30*
7.7	117	75	7.7	49,80	56,10*	58,30*
7.8	117	75	7.8	49,80	56,10*	58,30*
7.9	117	75	7.9	49,80	56,10*	58,30*
8.0	117	75	8.0	49,80	56,10*	58,30*
8.1	117	75	8.1	58,30	64,60*	67,20*
8.2	117	75	8.2	58,30	64,60*	67,20*
8.3	117	75	8.3	58,30	64,60*	67,20*
8.4	117	75	8.4	58,30	64,60*	67,20*
8.5	117	75	8.5	58,30	64,60*	67,20*

Ø mm h7	L mm	L ₁ mm	d mm h6	1101 €	1101TN €	1101TF €
8.6	125	81	8.6	62,70	71,40*	74,50*
8.7	125	81	8.7	62,70	71,40	74,50*
8.8	125	81	8.8	62,70	71,40*	74,50*
8.9	125	81	8.9	62,70	71,40*	74,50*
9.0	125	81	9.0	62,70	71,40*	74,50*
9.1	125	81	9.1	69,70	78,30*	81,70*
9.2	125	81	9.2	69,70	78,30*	81,70*
9.3	125	81	9.3	69,70	78,30*	81,70*
9.4	125	81	9.4	69,70	78,30*	81,70*
9.5	125	81	9.5	69,70	78,30*	81,70*
9.6	133	87	9.6	73,50	82,00*	85,50*
9.7	133	87	9.7	73,50	82,00*	85,50*
9.8	133	87	9.8	73,50	82,00*	85,50*
9.9	133	87	9.9	73,50	82,00*	85,50*
10.0	133	87	10.0	73,50	82,00*	85,50
10.2	133	87	10.2	88,90	97,10*	101,00*
10.5	133	87	10.5	89,30	97,50*	101,00*
10.8	142	94	10.8	110,50	119,50*	123,50*
11.0	142	94	11.0	110,50	119,50*	123,50*
11.2	142	94	11.2	118,50	128,00*	131,50*
11.5	142	94	11.5	118,50	128,00*	131,50*
11.8	142	94	11.8	128,00	137,00*	141,00*
12.0	151	101	12.0	128,00	137,00*	141,00*
13.0	151	101	13.0	153,50	163,00*	167,50*
14.0	160	108	14.0	165,00	174,50*	178,50*
16.0	178	120	16.0	225,50	240,50*	246,00*

* A richiesta - On Request - Auf Anfrage - Sur Demande - A Pedido

→3-4

→4-4



PUNTE A CENTRARE

IN METALLO DURO INTEGRALE

SOLID CARBIDE CENTER DRILLS
VOLLHARTMETALL - ZENTRIERBOHRER
FORETS À CENTRER EN CARBURE MONOBLOC
BROCAS DE CENTRER DE METAL DURO INTEGRAL

TALICARB NORM

SERIE NORMALE - DIN 6333

TALICARB NORM - NORMAL SERIES - DIN 6333
TALICARB NORM - NORMALE AUSFÜHRUNG - DIN 6333
TALICARB NORM - SÉRIE NORMALE - DIN 6333
TALICARB NORM - SERIE NORMAL - DIN 6333

1099

Ø mm	L mm	L ₁ mm	d mm	1099 €
1.25	38	1.9	3.15	22,75
1.6	50	2.4	4	34,55
2.0	50	2.9	5	36,25
2.5	50	3.6	6.3	38,75
3.15	50	4.4	8	50,60
4.0	60	8.6	10	100,00
5.0	75	6.9	12.5	109,50
6.3	82	8.6	16	237,00

