

8140851	EAN	Ø	d2	L	I1	QTY PCB	€
8140851200600	3221910481360	6	2	80	2,5	1 1	
8140851250800	3221910481384	8	2,5	80	3,1	1 1	
8140851300800	3221910481391	8	3	80	3,9	1 1	



8140861	EAN	Ø	d2	L	I1	QTY PCB	€
8140861300100	3221910481537	10	3	100	3,9	1 1	
8140861400100	3221910481544	10	4	100	5	1 1	
8140861400120	3221910481551	12	4	100	5	1 1	



8140871	EAN	Ø	d2	L	I1	QTY PCB	€
8140871100400	3221910756833	4	1	120	1,3	1 1	
8140871150500	3221910756840	5	1,5	120	2	1 1	
8140871200600	3221910756857	6	2	120	2,5	1 1	
8140871250800	3221910756864	8	2,5	120	3,1	1 1	
8140871300800	3221910756888	8	3	120	3,9	1 1	
8140871500140	3221910756918	14	5	120	3,9	1 1	
81408713001000	3221910756871	10	3	120	5	1 1	
81408714001000	3221910756895	10	4	120	5	1 1	
81408714001200	3221910756901	12	4	120	6,3	1 1	



HSS SHEET DRILL.

BROCA HSS CÓNICA LISA.

PUNTA HSS CONICA LISCIA ALLARGA FORI.

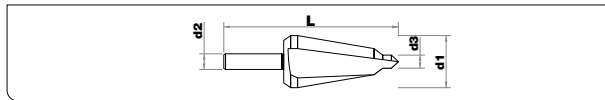












Drilling and enlarging sheet metal and plastics.

Para chapas y plásticos.

Foratura e allargatura lamiera e materiali plastici.



A Heat Treatable Steels <400N/mm²
Aceros aleados y tratados < 400N/mm²
Acciai per trattamento termico <400N/mm²

B Heat Treatable Steels <700N/mm²
Aceros aleados y tratados < 700N/mm²
Acciai per trattamento termico <700N/mm²

C Steels for heat treatment 700-1400N/mm²
Aceros para tratamiento térmico 700-1400 N/mm²
Acciai per trattamento termico 700-1400N/mm²

1143862	EAN	d1	d2	d3	L	QTY PCB	€
11438620314	3221910223038	14	6	3	58	1 1	
11438620520	3221910223045	20	8	5	71	1 1	
11438620531	3221910223052	31	8	5	103	1 1	
11438621630	3221910223069	30,5	9	16	76	1 1	
11438622440	3221910223076	40	10	24	89	1 1	





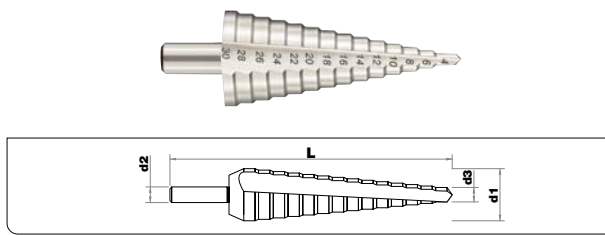
HSS STEP DRILL. STRAIGHT FLUTE
I T LINE

BROCA HSS ESCALONADA. CANAL RECTO | T LINE

PUNTA HSS CONICA SCALINATA | SCANALATURE DRITTE | T LINE

HSS **BRIGHT UNCOATED** **TIVOLY NORM**

100°



For sheet and plastic.

Para chapas y plásticos.

Foratura lamiere e materiali plastici.



A Heat Treatable Steels <400N/mm²
Aceros aleados y tratados < 400N/mm²
Acciai per trattamento termico <400N/mm²

B Heat Treatable Steels <700N/mm²
Aceros aleados y tratados < 700N/mm²
Acciai per trattamento termico <700N/mm²

1144881	EAN	d1	d2	d3	L	QTY	PCB	€
11448810412	3221910856496	12	6	4	65	1	1	
11448810420	3221910856502	20	8	4	75	1	1	
11448810430	3221910856519	30	10	4	100	1	1	
11448810637	3221910856526	37	10	6	100	1	1	



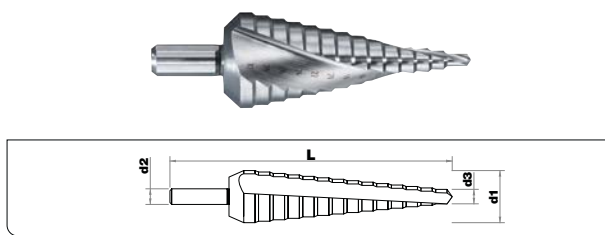
HSS STEP DRILL. HELICOÏDAL FLUTE.

BROCA HSS ESCALONADA. CANAL HELICOIDAL.

PUNTA HSS CONICA SCALINATA | SCANALATURE ELICOIDALI.

HSS **BRIGHT UNCOATED** **TIVOLY NORM**

100°



For sheet and plastic. Comfort, accuracy.

Para chapas y plásticos. Confort, precisión.

Foratura lamiere e materiali plastici. Confort e precisione.



A Heat Treatable Steels <400N/mm²
Aceros aleados y tratados < 400N/mm²
Acciai per trattamento termico <400N/mm²

B Heat Treatable Steels <700N/mm²
Aceros aleados y tratados < 700N/mm²
Acciai per trattamento termico <700N/mm²

C Steels for heat treatment 700-1400N/mm²
Aceros para tratamiento térmico 700-1400 N/mm²
Acciai per trattamento termico 700-1400N/mm²

1144852	EAN	d1	d2	d3	L	QTY	PCB	€
11448520412	3221910899134	12	6	4	65	1	1	
11448520420	3221910899141	20	8	4	75	1	1	
11448520430	3221910899158	30	10	4	100	1	1	
11448520637	3221910899165	37	10	6	100	1	1	

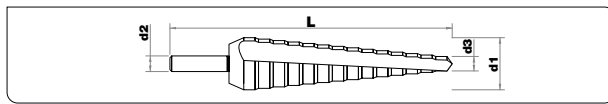




HSS STEP DRILL TIALN. HELICOÏDAL FLUTE

BROCA HSS ESCALONADA TIALN. CANAL HELICOIDAL.

PUNTA HSS TIAIN CONICA SCALINATA | SCANALATURE ELICOIDALI.



For sheet and plastic. Speed, life span.

Para chapas y plásticos. Rapidez, duración de vida.

Foratura lamiere e mat. plast. resistenti. Velocità. Lunga durata.



A Heat Treatable Steels <950N/mm²
Aceros aleados y tratados < 950N/mm²
Acciai per trattamento termico <950N/mm²

B Heat Treatable Steels <1200N/mm²
Aceros aleados y tratados < 1200N/mm²
Acciai per trattamento termico <1200N/mm²

C Heat Treatable Steels <1400N/mm²
Aceros aleados y tratados < 1400N/mm²
Acciai per trattamento termico <1400N/mm²

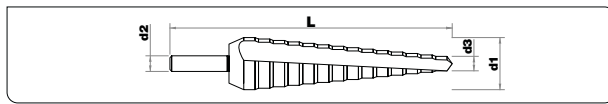
1143872	EAN	d1	d2	d3	L	QTY	PCB	€
11438720412	3221910223083	12	6	4	65	1	1	
11438720420	3221910223090	20	8	4	75	1	1	
11438720430	3221910223106	30	10	4	100	1	1	
11438720637	3221910223113	37	10	6	100	1	1	



HSSE5 STEP DRILL TIALN. HELICOÏDAL FLUTE.

BROCA HSSE5 ESCALONADA TIALN. CANAL HELICOIDAL.

PUNTA HSSE5 TIAIN CONICA SCALINATA | SCANALATURE ELICOIDALI.



For stainless steels sheet and resistant material. Speed, life span

Para chapas de aceros inox. Y resistentes. Rapidez, duración de vida.

Foratura acciai inossidabili, mat. resistenti. Velocità. Lunga durata.



AB Steels for heat treatment 200-700N/mm²
Aceros para tratamiento térmico 200-700 N/mm²
Acciai per trattamento termico 200-700N/mm²

C Steels for heat treatment 700-1400N/mm²
Aceros para tratamiento térmico 700-1400 N/mm²
Acciai per trattamento termico 700-1400N/mm²

FGH Stainless Steels
Aceros inoxidables
Acciai inossidabili

1144872	EAN	d1	d2	d3	L	QTY	PCB	€
11448720412	3221910843250	12	6	4	65	1	1	
11448720420	3221910843267	20	8	4	75	1	1	
11448720430	3221910843274	30	10	4	100	1	1	
11448720637	3221910843281	37	10	6	100	1	1	

