



HSS TIALN CORE HOLE DRILL WELDON SHORT SERIES.

FRESA HUECA HSS TIALN WELDON SERIE CORTA.

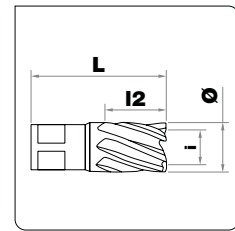
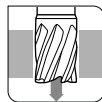
FRESA PER CAROTAGGIO HSS, TIALN ATTACCO WELDON, CORTA.



HSS

**TIALN
COATED**

**TIVOLY
NORM**



**Z
4-14**

**WELDON
19mm**



For stainless steels and steels drilling, comfort, speed, life span.

Taladrado de aceros e inoxidables. Confort, rapidez, duración de vida.

Foratura di acciai e inox. Comfort e velocità di taglio. Lunga durata.



C

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

FGH

Stainless Steel
Aceros inoxidables
Acciai inossidabili

IJ

Cast iron
Fundiciones
Ghisa

1037001	EAN	Ø	L	I2	i	Z	QTY	PCB
10370011200	3221910824945	12	60	30	6	4	1	1
10370011300	3221910824952	13	60	30	6	4	1	1
10370011400	3221910824969	14	60	30	6	4	1	1
10370011500	3221910824976	15	60	30	7	4	1	1
10370011600	3221910824983	16	60	30	8	5	1	1
10370011700	3221910824990	17	60	30	9	5	1	1
10370011800	3221910825003	18	60	30	10	5	1	1
10370011900	3221910825010	19	60	30	11	5	1	1
10370012000	3221910825027	20	60	30	12	5	1	1
10370012100	3221910825034	21	60	30	13	5	1	1
10370012200	3221910825041	22	60	30	14	6	1	1
10370012300	3221910825058	23	60	30	15	6	1	1
10370012400	3221910825065	24	60	30	16	6	1	1
10370012500	3221910825072	25	60	30	17	6	1	1
10370012600	3221910825089	26	60	30	18	6	1	1
10370012700	3221910825096	27	60	30	19	6	1	1
10370012800	3221910825102	28	60	30	20	8	1	1
10370012900	3221910825119	29	60	30	21	8	1	1
10370013000	3221910825126	30	60	30	22	8	1	1
10370013100	3221910825133	31	60	30	23	8	1	1
10370013200	3221910825140	32	60	30	24	8	1	1
10370013300	3221910825157	33	60	30	25	8	1	1
10370013400	3221910825164	34	60	30	26	10	1	1
10370013500	3221910825171	35	60	30	27	10	1	1
10370013600	3221910825188	36	60	30	28	10	1	1
10370013700	3221910825195	37	60	30	29	10	1	1
10370013800	3221910825201	38	60	30	30	10	1	1
10370013900	3221910825218	39	60	30	31	10	1	1
10370014000	3221910825225	40	60	30	32	12	1	1
10370014100	3221910825232	41	60	30	33	12	1	1
10370014200	3221910825249	42	60	30	34	12	1	1
10370014300	3221910825256	43	60	30	35	12	1	1
10370014400	3221910825263	44	60	30	36	12	1	1
10370014500	3221910825270	45	60	30	37	12	1	1
10370014600	3221910825287	46	60	30	38	14	1	1
10370014700	3221910825294	47	60	30	39	14	1	1
10370014800	3221910825300	48	60	30	40	14	1	1
10370014900	3221910825317	49	60	30	41	14	1	1
10370015000	3221910825324	50	60	30	42	14	1	1





HSS TIALN CORE HOLE DRILL WELDON LONG SERIES.

HSS

TIALN COATED

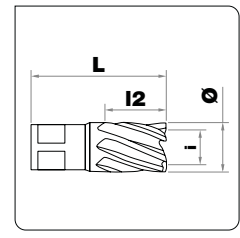
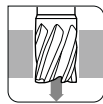
TIVOLY NORM

Z 4-14

WELDON 19mm



FRESA HUECA HSS TIALN WELDON SERIE LARGA.



FRESA PER CAROTTAGGIO HSS, TIALN ATTACCO WELDON, LUNGA.

For stainless steels and steels drilling, comfort, speed, life span.

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

FGH

Stainless Steel
Aceros inoxidables
Acciai inossidabili

IJ

Cast iron
Fundiciones
Ghisa

1037011	EAN	Ø	L	I2	i	Z	QTY	PCB
10370111200	3221910825331	12	80	50	6	4	1	1
10370111300	3221910825348	13	80	50	6	4	1	1
10370111400	3221910825355	14	80	50	6	4	1	1
10370111500	3221910825362	15	80	50	7	4	1	1
10370111600	3221910825379	16	80	50	8	5	1	1
10370111700	3221910825386	17	80	50	9	5	1	1
10370111800	3221910825393	18	80	50	10	5	1	1
10370111900	3221910825409	19	80	50	11	5	1	1
10370112000	3221910825416	20	80	50	12	5	1	1
10370112100	3221910825423	21	80	50	13	5	1	1
10370112200	3221910825430	22	80	50	14	6	1	1
10370112300	3221910825447	23	80	50	15	6	1	1
10370112400	3221910825454	24	80	50	16	6	1	1
10370112500	3221910825461	25	80	50	17	6	1	1
10370112600	3221910825478	26	80	50	18	6	1	1
10370112700	3221910825485	27	80	50	19	6	1	1
10370112800	3221910825492	28	80	50	20	8	1	1
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10370113200	3221910825539	32	80	50	24	8	1	1
10370113300	3221910825546	33	80	50	25	8	1	1
10370113400	3221910825553	34	80	50	26	10	1	1
10370113500	3221910825560	35	80	50	27	10	1	1
10370113600	3221910825577	36	80	50	28	10	1	1
10370113700	3221910825584	37	80	50	29	10	1	1
10370113800	3221910825591	38	80	50	30	10	1	1
10370113900	3221910825607	39	80	50	31	10	1	1
10370114000	3221910825614	40	80	50	32	12	1	1
10370114100	3221910825621	41	80	50	33	12	1	1
10370114200	3221910825638	42	80	50	34	12	1	1
10370114300	3221910825645	43	80	50	35	12	1	1
10370114400	3221910825652	44	80	50	36	12	1	1
10370114500	3221910825669	45	80	50	37	12	1	1
10370114600	3221910825676	46	80	50	38	14	1	1
10370114700	3221910825683	47	80	50	39	14	1	1
10370114800	3221910825690	48	80	50	40	14	1	1
10370114900	3221910825706	49	80	50	41	14	1	1
10370115000	3221910825713	50	80	50	42	14	1	1



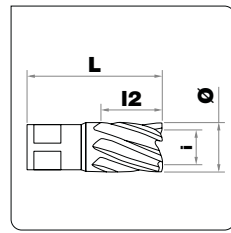


HSS CORE HOLE DRILL WELDON SHORT SERIES.

HSS
BRIGHT UNCOATED
TIVOLY NORM

Z 4-14
WELDON 19mm

FRESA HUECA HSS WELDON SERIE CORTA.



For steels drilling.

Taladrado de aceros.

Foratura degli acciai.



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



Composite Plastics
Composites plásticos
Plastiche composite

1037051	EAN	Ø	L	l2	i	Z	QTY	PCB
10370511200	3221910859664	12	60	30	6	4	1	1
10370511300	3221910859671	13	60	30	6	4	1	1
10370511400	3221910859688	14	60	30	6	4	1	1
10370511500	3221910859695	15	60	30	7	4	1	1
10370511600	3221910859701	16	60	30	8	5	1	1
10370511700	3221910859718	17	60	30	9	5	1	1
10370511800	3221910859725	18	60	30	10	5	1	1
10370511900	3221910859732	19	60	30	11	5	1	1
10370512000	3221910859749	20	60	30	12	5	1	1
10370512100	3221910859756	21	60	30	13	5	1	1
10370512200	3221910859763	22	60	30	14	6	1	1
10370512300	3221910859770	23	60	30	15	6	1	1
10370512400	3221910859787	24	60	30	16	6	1	1
10370512500	3221910859794	25	60	30	17	6	1	1
10370512600	3221910859800	26	60	30	18	6	1	1
10370512700	3221910859817	27	60	30	19	6	1	1
10370512800	3221910859824	28	60	30	20	8	1	1
10370513000	3221910859848	30	60	30	22	8	1	1
10370513200	3221910859862	32	60	30	24	8	1	1
10370513500	3221910859893	35	60	30	27	10	1	1
10370513800	3221910859923	38	60	30	30	10	1	1
10370514000	3221910859947	40	60	30	32	12	1	1
10370514200	3221910859961	42	60	30	34	12	1	1
10370514500	3221910859992	45	60	30	37	12	1	1
10370514800	3221910860028	48	60	30	40	14	1	1
10370515000	3221910860042	50	60	30	42	14	1	1



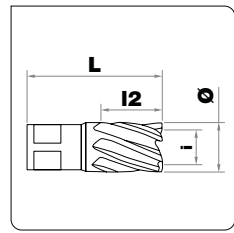


HSS CORE HOLE DRILL WELDON LONG SERIES.

HSS
BRIGHT UNCOATED
TIVOLY NORM

Z 4-14
WELDON 19mm

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For steels drilling.

Taladrado de aceros.

Foratura degli acciai.



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



Composite Plastics
Composites plásticos
Plastiche composite

1037061	EAN	Ø	L	l2	i	Z	QTY	PCB
10370611200	3221910860059	12	80	50	6	4	1	1
10370611300	3221910860066	13	80	50	6	4	1	1
10370611400	3221910860073	14	80	50	6	4	1	1
10370611500	3221910860080	15	80	50	7	4	1	1
10370611600	3221910860097	16	80	50	8	5	1	1
10370611700	3221910860103	17	80	50	9	5	1	1
10370611800	3221910860110	18	80	50	10	5	1	1
10370611900	3221910860127	19	80	50	11	5	1	1
10370612000	3221910860134	20	80	50	12	5	1	1
10370612100	3221910860141	21	80	50	13	5	1	1
10370612200	3221910860158	22	80	50	14	6	1	1
10370612300	3221910860165	23	80	50	15	6	1	1
10370612400	3221910860172	24	80	50	16	6	1	1
10370612500	3221910860189	25	80	50	17	6	1	1
10370612600	3221910860196	26	80	50	18	6	1	1
10370612700	3221910860202	27	80	50	19	6	1	1
10370612800	3221910860219	28	80	50	20	8	1	1
10370613000	3221910860233	30	80	50	22	8	1	1
10370613200	3221910860257	32	80	50	24	8	1	1
10370613500	3221910860288	35	80	50	27	10	1	1
10370613800	3221910860318	38	80	50	30	10	1	1
10370614000	3221910860332	40	80	50	32	12	1	1
10370614200	3221910860356	42	80	50	34	12	1	1
10370614500	3221910860387	45	80	50	37	12	1	1
10370614800	3221910860417	48	80	50	40	14	1	1
10370615000	3221910860431	50	80	50	42	14	1	1





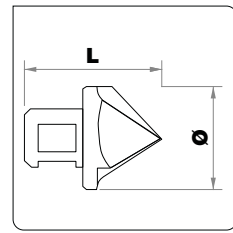
HSS DEBURRING TOOLS WELDON.

FRESA PARA DESBASTAR HSS WELDON.

FRESA PER SBAVATURA HSS, ATTACCO WELDON.



HSS	BRIGHT UNCOATED	TIVOLY NORM
Z3	WELDON 19mm	



Universal application, finishing.

Uso univeral. Acabado.

Uso polivalente per finitura dei fori.



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

IJ Cast iron
 Fundiciones
 Ghisa

P Composite Plastics
 Composites plásticos
 Plastiche composite

1037031	EAN	Ø	L	Z	QTY PCB
10370312500	3221910825782	25	43	3	1 1
10370313000	3221910825799	30	47	3	1 1
10370314000	3221910825805	40	52	3	1 1
10370315500	3221910825812	55	63	4	1 1



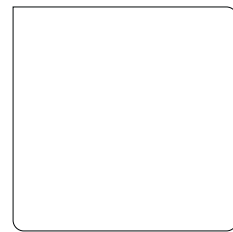
PILOT PIN FOR CORE HOLE DRILL.

EXPULSORES PARA FRESA HUECA.

PILOTA DI GUIDA PER FRESA DI CAROTTAGGIO.



TIVOLY NORM	WELDON 19mm		



Pointing before drilling and core ejection.

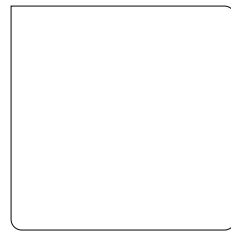
Punteado previo al taladrado y extractor.

Guida di foratura ed estrazione materiale.



1111121	EAN	Ø	L	QTY PCB
11111210001	3221910825720	6,34	77	1 1
11111210002	3221910825737	6,34	103	1 1



**ARBOR HOLDERS CM => WELDON.****ADAPTADORES DE CM A WELDON.****ADATTATORE CM => WELDON.****TIVOLY
NORM****WELDON
19mm**

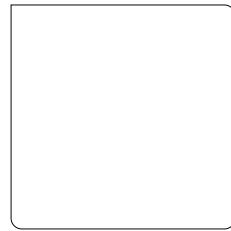
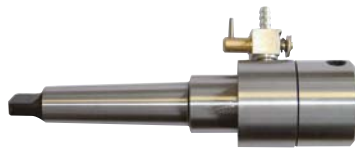
For use with Weldon core hole drill on CM column drill.

Para uso con fresas huecas Weldon en taladros de columnas.

Per l'uso delle fresse carotatrici Weldon su foratrici a colonna CM.



1111131	EAN	Ø	CM	QTY PCB	
11111310002	3221910825744	19	2	1	1
11111310003	3221910825751	19	3	1	1

**ARBOR HOLDERS WITH LUB. CM => WELDON.****ADAPTADORES DE CM A WELDON CON SIST. DE LUBRICACIÓN INTEGRADO.****ADATTATORE CM => WELDON CON LUBRIFICAZIONE.****TIVOLY
NORM****WELDON
19mm**

For use with Weldon core hole drill on CM column drill.

Para uso con fresas huecas Weldon en taladros de columnas.

Per l'uso delle fresse carotatrici Weldon su foratrici a colonna CM.



1111141	EAN	Ø	CM	QTY PCB	
11111410002	3221910825768	19	2	1	1
11111410003	3221910825775	19	3	1	1





ADAPTER FEIN => WELDON.



**TIVOLY
NORM**

**WELDON
19mm**

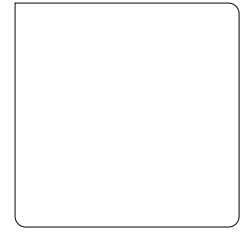
**FEIN
QUICK-IN**



ADAPTADOR FEIN A WELDON.



ADATTATORE CM => WELDON.



For use with Weldon core hole drill on Fein machine.

Para uso con fresas huecas Weldon en máquinas Fein.

Per l'uso delle fresse carotatrici Weldon su macchine Fein.

1111151	EAN	Ø	F	QTY PCB
11111510001	3221910843526	19	18	1 1

