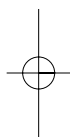


LF-TA (TH)



LF-TA (TH)



LF-TA (TH)



Le punte OSAWA - LF sono costruite con i migliori HSS/Co, affilatura autocentrante e rivestimenti TIN, PV10 e PV15. La geometria esclusiva e l'avanzata tecnologia di rivestimento, consentono ad OSAWA - LF, un impiego pressochè universale con velocità ed avanzamenti molto elevati.







OSAWA - LF drills, are manufactured using top quality HSS/Co, self-centering geometry and TIN, PV10, PV15 coatings. The exclusive geometry and advanced coating technology, allow the OSAWA - LF to be used almost as a universal tool with high cutting speed and feed.

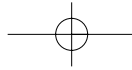


Die OSAWA - LF Bohrer werden aus hochwertigen HSS/CO hergestellt, mit selbstzentrierendem Schliiff und TIN, PV10 und PV15 Beschichtungen. Die exklusive Geometrie und die fortschrittliche Technologie der Beschichtung, erlauben den OSAWA-LF beinahe Universalanwendung bei Hochschnittgeschwindigkeit und Vorschub.



Les forets OSAWA - LF sont construits avec les meilleurs HSS/Co, affûtage auto-centreur et revêtements TIN, PV10 et PV15. La géométrie exclusive et la technologie de revêtement avancé, consentent à OSAWA - LF un employ presque universel avec vitesse et avance très élevés.

CODICE · ITEM NO. ARTIKEL NR. · RÉFÉRENCE	DESCRIZIONE · DESCRIPTION EZEICHUNG · DESCRIPTION	PAGINA · PAGE SEITE · PAGE	
218LFTA	DIN1897 PV10	44	
218LFTH	DIN1897 PV15	44	
238LFTA	DIN338 PV10	47	
238LFTH	DIN338 PV15	47	

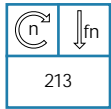
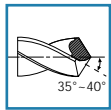
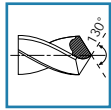
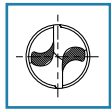


LF-TA (TH)

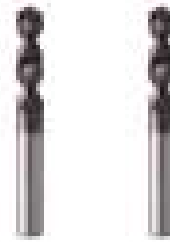
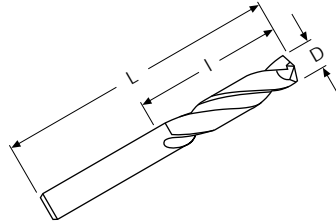


DIN1897

- PUNTE AD ALTO RENDIMENTO - EXTRA CORTE, AUTOCENTRANTI**
HIGH PERFORMANCE TWIST DRILLS - EXTRA SHORT, SELF CENTERING
HOCHLEISTUNGSBOHRER - EXTRA KURZE, SELBSTZENTRIERENDE
FORETS À HAUT RENDEMENT - EXTRA COURTS, AUTO CENTREUR

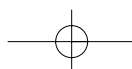


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CODICE / ITEM NO. / ARTIKEL NR. / RÉFÉRENCE			218LFTA	218LFTH
TIPO / TYPE / TYP / TYPE			LF	LF
MATERIALE / MATERIAL / WERKSTOFF / MATIÈRE			HSS/Co	HSS/Co
RIVESTIMENTO / COATING / BESCHICHTUNG / REVÊTEMENT			PV10	PV15
NORMA / NORM / NORM / NORME			1897	1897
D	L	l	Stock	Stock
MM. 2.00	38	12	●	○
MM. 2.10	38	12	●	○
MM. 2.20	40	13	●	○
MM. 2.30	40	13	●	○
MM. 2.40	43	14	●	○
MM. 2.50	43	14	●	○
MM. 2.60	43	14	●	○
MM. 2.70	46	16	●	○
MM. 2.80	46	16	●	○
MM. 2.90	46	16	●	○
MM. 3.00	46	16	●	○
MM. 3.10	49	18	●	○
MM. 3.20	49	18	●	○
MM. 3.30	49	18	●	○
MM. 3.40	52	20	●	○
MM. 3.50	52	20	●	○
MM. 3.60	52	20	●	○
MM. 3.70	52	20	●	○
MM. 3.80	55	22	●	○
MM. 3.90	55	22	●	○
MM. 4.00	55	22	●	○
MM. 4.10	55	22	●	○
MM. 4.20	55	22	●	○
MM. 4.30	58	24	●	○
MM. 4.40	58	24	●	○
MM. 4.50	58	24	●	○
MM. 4.60	58	24	●	○
MM. 4.70	58	24	●	○
MM. 4.80	62	26	●	○
MM. 4.90	62	26	●	○
MM. 5.00	62	26	●	○
MM. 5.10	62	26	●	○
MM. 5.20	62	26	●	○
MM. 5.30	62	26	●	○
MM. 5.40	66	28	●	○
MM. 5.50	66	28	●	○
MM. 5.60	66	28	●	○
MM. 5.70	66	28	●	○
MM. 5.80	66	28	●	○
MM. 5.90	66	28	●	○
MM. 6.00	66	28	●	○
MM. 6.10	70	31	●	○

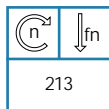
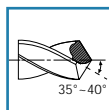
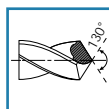
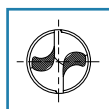
1/3 ➤



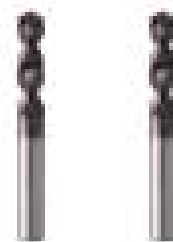
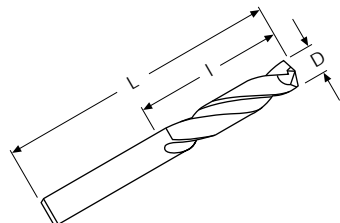


DIN1897

- PUNTE AD ALTO RENDIMENTO - EXTRA CORTE, AUTOCENTRANTI**
- HIGH PERFORMANCE TWIST DRILLS - EXTRA SHORT, SELF CENTERING**
- HOCHLEISTUNGSBOHRER - EXTRA KURZE, SELBSTZENTRIERENDE**
- FORETS À HAUT RENDEMENT - EXTRA COURTS, AUTO CENTREUR**



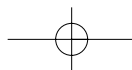
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LF-TA (TH)

CODICE / ITEM NO. / ARTIKEL NR. / RÉFÉRENCE			218LFTA	218LFTH
TIPO / TYPE / TYP / TYPE			LF	LF
MATERIALE / MATERIAL / WERKSTOFF / MATIÈRE			HSS/Co	HSS/Co
RIVESTIMENTO / COATING / BESCHICHTUNG / REVÊTEMENT			PV10	PV15
NORMA / NORM / NORM / NORME			1897	1897
D	L	l	Stock	Stock
MM. 6.20	70	31	●	○
MM. 6.30	70	31	●	○
MM. 6.40	70	31	●	○
MM. 6.50	70	31	●	○
MM. 6.60	70	31	●	○
MM. 6.70	70	31	●	○
MM. 6.80	74	34	●	○
MM. 6.90	74	34	●	○
MM. 7.00	74	34	●	○
MM. 7.10	74	34	●	○
MM. 7.20	74	34	●	○
MM. 7.30	74	34	●	○
MM. 7.40	74	34	●	○
MM. 7.50	74	34	●	○
MM. 7.60	79	37	●	○
MM. 7.70	79	37	●	○
MM. 7.80	79	37	●	○
MM. 7.90	79	37	●	○
MM. 8.00	79	37	●	○
MM. 8.10	79	37	●	○
MM. 8.20	79	37	●	○
MM. 8.30	79	37	●	○
MM. 8.40	79	37	●	○
MM. 8.50	79	37	●	○
MM. 8.60	84	40	●	○
MM. 8.70	84	40	●	○
MM. 8.80	84	40	●	○
MM. 8.90	84	40	●	○
MM. 9.00	84	40	●	○
MM. 9.10	84	40	●	○
MM. 9.20	84	40	●	○
MM. 9.30	84	40	●	○
MM. 9.40	84	40	●	○
MM. 9.50	84	40	●	○
MM. 9.60	89	43	●	○
MM. 9.70	89	43	●	○
MM. 9.80	89	43	●	○
MM. 9.90	89	43	●	○
MM.10.00	89	43	●	○
MM.10.20	89	43	●	○
MM.10.50	89	43	●	○
MM.11.00	95	47	●	○





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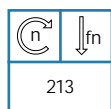
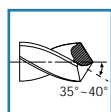
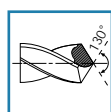
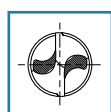


LF-TA (TH)

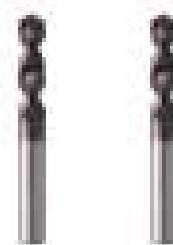
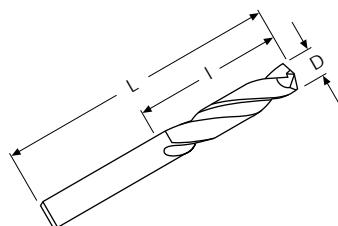


DIN1897

-  **PUNTE AD ALTO RENDIMENTO - EXTRA CORTE, AUTOCENTRANTI**
-  **HIGH PERFORMANCE TWIST DRILLS - EXTRA SHORT, SELF CENTERING**
-  **HOCHLEISTUNGSBOHRER - EXTRA KURZE, SELBSTZENTRIERENDE**
-  **FORETS À HAUT RENDEMENT - EXTRA COURTS, AUTO CENTREUR**

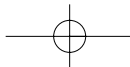


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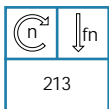
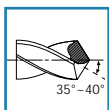
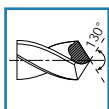
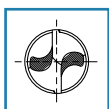
CODICE / ITEM NO. / ARTIKEL NR. / RÉFÉRENCE			218LFTA	218LFTH
TIPO / TYPE / TYP / TYPE			LF	LF
MATERIALE / MATERIAL / WERKSTOFF / MATIÈRE			HSS/Co	HSS/Co
RIVESTIMENTO / COATING / BESCHICHTUNG / REVÊTEMENT			PV10	PV15
NORMA / NORM / NORM / NORME			1897	1897
D	L	l	Stock	Stock
MM.11.50	95	47	●	○
MM.12.00	102	51	●	○
MM.12.50	102	51	●	○
MM.13.00	102	51	●	○
MM.13.50	107	54	●	○
MM.14.00	107	54	●	○
MM.14.50	111	56	●	○
MM.15.00	111	56	●	○
MM.15.50	115	58	●	○
MM.16.00	115	58	●	○
MM.16.50	119	60	●	○
MM.17.00	119	60	●	○
MM.17.50	123	62	●	○
MM.18.00	123	62	●	○
MM.18.50	127	64	●	○
MM.19.00	127	64	●	○
MM.19.50	131	66	●	○
MM.20.00	131	66	●	○

LF-TA (TH)

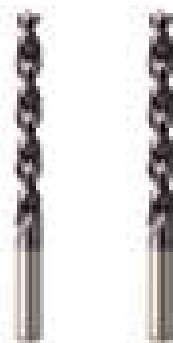
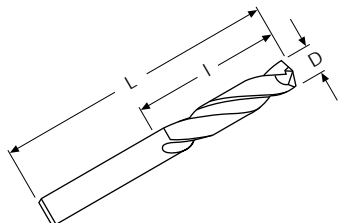


DIN338

- PUNTE AD ALTO RENDIMENTO - CORTE, AUTOCENTRANTI**
- HIGH PERFORMANCE TWIST DRILLS - SHORT, SELF CENTERING**
- HOCHLEISTUNGSBOHRER - KURZE, SELBSTZENTRIERENDE**
- FORETS À HAUT RENDEMENT - COURTS, AUTO CENTREUR**



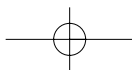
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LF-TA (TH)

CODICE / ITEM NO. / ARTIKEL NR. / RÉFÉRENCE			238LFTA	238LFTH
TIPO / TYPE / TYP / TYPE			LF	LF
MATERIALE / MATERIAL / WERKSTOFF / MATIÈRE			HSS/Co	HSS/Co
RIVESTIMENTO / COATING / BESCHICHTUNG / REVÊTEMENT			PV10	PV15
NORMA / NORM / NORM / NORME			338	338
D	L	l	Stock	Stock
MM. 2.00	49	24	●	○
MM. 2.10	49	24	●	○
MM. 2.20	53	27	●	○
MM. 2.30	53	27	●	○
MM. 2.40	57	30	●	○
MM. 2.50	57	30	●	○
MM. 2.60	57	30	●	○
MM. 2.70	61	33	●	○
MM. 2.80	61	33	●	○
MM. 2.90	61	33	●	○
MM. 3.00	61	33	●	○
MM. 3.10	65	36	●	○
MM. 3.20	65	36	●	○
MM. 3.30	65	36	●	○
MM. 3.40	70	39	●	○
MM. 3.50	70	39	●	○
MM. 3.60	70	39	●	○
MM. 3.70	70	39	●	○
MM. 3.80	75	43	●	○
MM. 3.90	75	43	●	○
MM. 4.00	75	43	●	○
MM. 4.10	75	43	●	○
MM. 4.20	75	43	●	○
MM. 4.30	80	47	●	○
MM. 4.40	80	47	●	○
MM. 4.50	80	47	●	○
MM. 4.60	80	47	●	○
MM. 4.70	80	47	●	○
MM. 4.80	86	52	●	○
MM. 4.90	86	52	●	○
MM. 5.00	86	52	●	○
MM. 5.10	86	52	●	○
MM. 5.20	86	52	●	○
MM. 5.30	86	52	●	○
MM. 5.40	93	57	●	○
MM. 5.50	93	57	●	○
MM. 5.60	93	57	●	○
MM. 5.70	93	57	●	○
MM. 5.80	93	57	●	○
MM. 5.90	93	57	●	○
MM. 6.00	93	57	●	○
MM. 6.10	101	63	●	○

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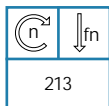
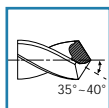
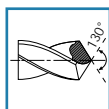
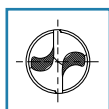
LF-TA (TH)



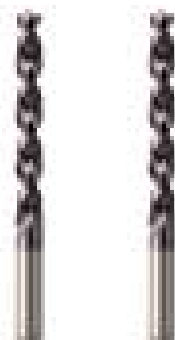
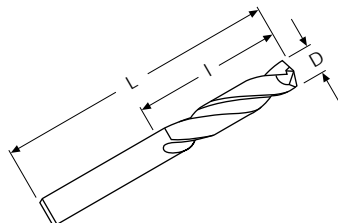
DIN338

- PUNTE AD ALTO RENDIMENTO - CORTE, AUTOCENTRANTI**
- HIGH PERFORMANCE TWIST DRILLS - SHORT, SELF CENTERING**
- HOCHLEISTUNGSBOHRER - KURZE, SELBSTZENTRIERENDE**
- FORETS À HAUT RENDEMENT - COURTS, AUTO CENTREUR**

LF-TA (TH)

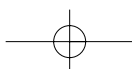


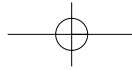
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CODICE / ITEM NO. / ARTIKEL NR. / RÉFÉRENCE			238LFTA	238LFTH
TIPO / TYPE / TYP / TYPE			LF	LF
MATERIALE / MATERIAL / WERKSTOFF / MATIÈRE			HSS/Co	HSS/Co
RIVESTIMENTO / COATING / BESCHICHTUNG / REVÊTEMENT			PV10	PV15
NORMA / NORM / NORM / NORME			338	338
D	L	l	Stock	Stock
MM. 6.20	101	63	●	○
MM. 6.30	101	63	●	○
MM. 6.40	101	63	●	○
MM. 6.50	101	63	●	○
MM. 6.60	101	63	●	○
MM. 6.70	101	63	●	○
MM. 6.80	109	69	●	○
MM. 6.90	109	69	●	○
MM. 7.00	109	69	●	○
MM. 7.10	109	69	●	○
MM. 7.20	109	69	●	○
MM. 7.30	109	69	●	○
MM. 7.40	109	69	●	○
MM. 7.50	109	69	●	○
MM. 7.60	117	75	●	○
MM. 7.70	117	75	●	○
MM. 7.80	117	75	●	○
MM. 7.90	117	75	●	○
MM. 8.00	117	75	●	○
MM. 8.10	117	75	●	○
MM. 8.20	117	75	●	○
MM. 8.30	117	75	●	○
MM. 8.40	117	75	●	○
MM. 8.50	117	75	●	○
MM. 8.60	125	81	●	○
MM. 8.70	125	81	●	○
MM. 8.80	125	81	●	○
MM. 8.90	125	81	●	○
MM. 9.00	125	81	●	○
MM. 9.10	125	81	●	○
MM. 9.20	125	81	●	○
MM. 9.30	125	81	●	○
MM. 9.40	125	81	●	○
MM. 9.50	125	81	●	○
MM. 9.60	133	87	●	○
MM. 9.70	133	87	●	○
MM. 9.80	133	87	●	○
MM. 9.90	133	87	●	○
MM.10.00	133	87	●	○
MM.10.20	133	87	●	○
MM.10.50	133	87	●	○
MM.11.00	142	94	●	○

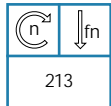
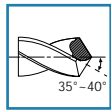
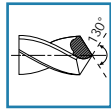
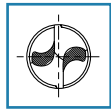
2/3 ➤



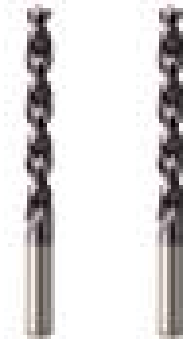
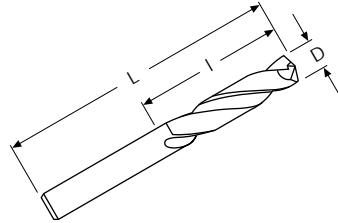


DIN338

- PUNTE AD ALTO RENDIMENTO - CORTE, **AUTOCENTRANTI**
 HIGH PERFORMANCE TWIST DRILLS - SHORT, **SELF CENTERING**
 HOCHLEISTUNGSBOHRER - KURZE, **SELBSTZENTRIERENDE**
 FORETS À HAUT RENDEMENT - COURTS, **AUTO CENTREUR**



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LF-TA (TH)

CODICE / ITEM NO. / ARTIKEL NR. / RÉFÉRENCE			238LFTA	238LFTH
TIPO / TYPE / TYP / TYPE			LF	LF
MATERIALE / MATERIAL / WERKSTOFF / MATIÈRE			HSS/Co	HSS/Co
RIVESTIMENTO / COATING / BESCHICHTUNG / REVÊTEMENT			PV10	PV15
NORMA / NORM / NORM / NORME			338	338
D	L	l	Stock	Stock
MM.11.50	142	94	●	○
MM.12.00	151	101	●	○
MM.12.50	151	101	●	○
MM.13.00	151	101	●	○
MM.13.50	160	108	●	○
MM.14.00	160	108	●	○
MM.14.50	169	114	●	○
MM.15.00	169	114	●	○
MM.15.50	178	120	●	○
MM.16.00	178	120	●	○

