

VORTEX

DRILLS



Vortex drills offer the best solution for drilling extensive dimensions in both diameter and length. The drilling depth can be adjusted using extensions and reducers, while the diameter adjustment is accomplished by shortening the outer cartridge.

As brocas Vortex oferecem a melhor solução para perfurar dimensões extensas tanto em diâmetro quanto em comprimento. A profundidade de perfuração pode ser ajustada usando extensões e redutores, enquanto o ajuste de diâmetro é realizado encurtando o cartucho externo.

Las brocas Vortex ofrecen la mejor solución para perforar dimensiones extensas tanto en diámetro como en longitud. La profundidad de perforación puede ajustarse utilizando extensiones y reductores, mientras que el ajuste de diámetro se logra acortando el cartucho exterior.

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- > From DC 45,0mm to 180,0mm
De DC 45,0mm a 180,0mm | Desde DC 45,0mm hasta 180,0mm
- > 2 or 3 WCKX inserts per cartridge
2 ou 3 pastilhas WCKX por cartucho | 2 o 3 plaquitas WCKX por cartucho
- > Pilot drill
Broca piloto | Taladro piloto



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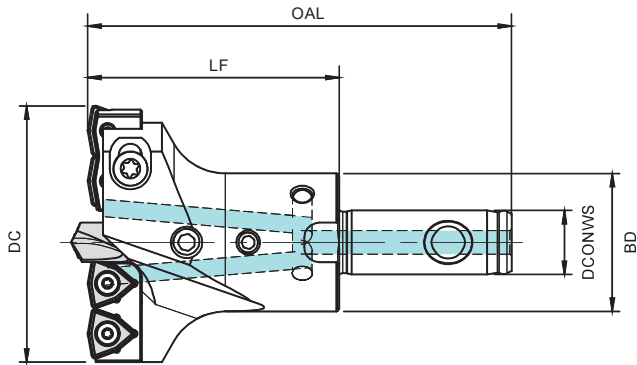
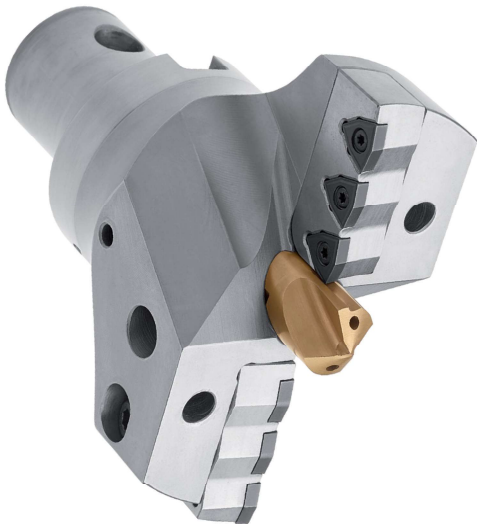
- > Shank
Encabadouro | Caña



MDE > page 417

- > Extension
Extensor | Extensor



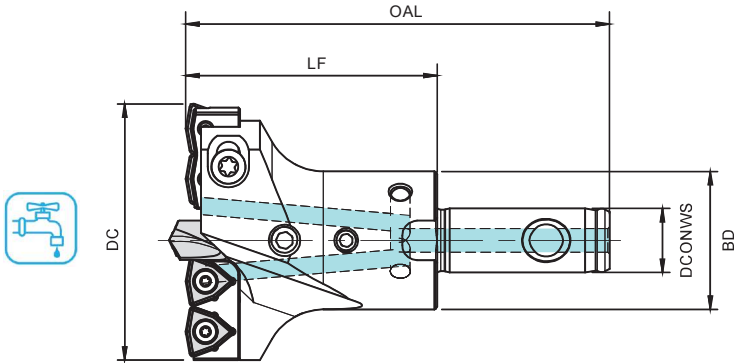
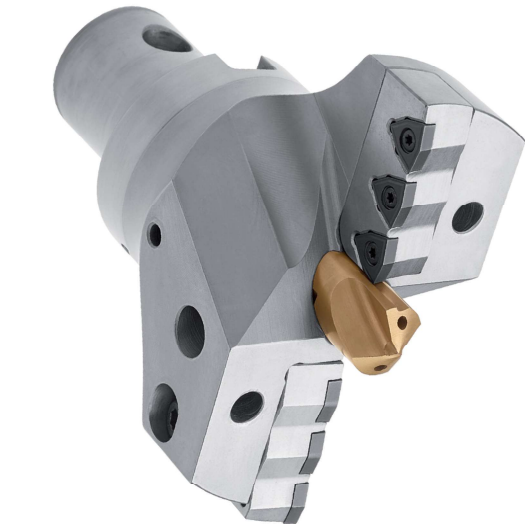


*Order seperately

Order code Código	Reference Referência Referencia	Dimensions Dimensões Dimensiones (mm)					Cartridge	Insert	Insert Screw	Torx key	Pilot drill*	Stock
		DC	DCONWS	LF	OAL	BD						
2 INSERTS PER CARTRIDGE												
184031000	MDO 04505013	45-50	13	50	85	28	MDC 045050-I/O	WCKX 030204	P0220500	XT07	MDP 3510	
184031100	MDO 05005513	50-55	13	50	85	28	MDC 050055-I/O	WCKX 030204	P0220500	XT07	MDP 3510	
184031200	MDO 05506016	55-60	16	60	100	32	MDC 055060-I/O	WCKX 040204	P0250503	XT08	MDP 3812	
184031300	MDO 06006516	60-65	16	60	100	32	MDC 060065-I/O	WCKX 050308	P0300701	XT08	MDP 3812	
184031500	MDO 06507016	65-70	16	60	100	32	MDC 065070-I/O	WCKX 050308	P0300701	XT08	MDP 3812	
184032400	MDO 07007522	70-75	22	70	115	40	MDC 070075-I/O	WCKX 050308	P0300701	XT08	MDP 3812	
184032500	MDO 07508022	75-80	22	70	115	40	MDC 075080-I/O	WCKX 06T308	P0350903	XT15	MDP 4516	
184032600	MDO 08008522	80-85	22	70	115	40	MDC 080085-I/O	WCKX 06T308	P0350903	XT15	MDP 4516	
184032700	MDO 08509027	85-90	27	70	120	48	MDC 085090-I/O	WCKX 06T308	P0350903	XT15	MDP 4516	
184032800	MDO 09009527	90-95	27	70	120	48	MDC 090095-I/O	WCKX 06T308	P0350903	XT15	MDP 4516	
184032900	MDO 09510027	95-100	27	70	120	48	MDC 095100-I/O	WCKX 06T308	P0350903	XT15	MDP 4516	

 Stock item | Produto de stock | Itens de stock  Available under request | Disponível sobre consulta | Disponible bajo consulta

Drills with larger diameter available under request with a minimum order quantity.
Note: This type of drills are supplied without pilot drills. Please order them separately.
Please see Page B - 450 for setting pilot drill.



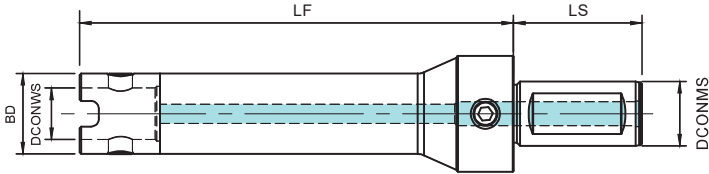
*Order seperately

Order code Código	Reference Referência Referencia	Dimensions Dimensões Dimensiones (mm)					Cartridge	Insert	Insert Screw	Torx key	Pilot drill*	Stock
		DC	DCONWS	LF	OAL	BD						
3 INSERTS PER CARTRIDGE												
184033000	MDO 10010532	100-105	32	80	130	58	MDC 100105-I/O	WCKX 050308	P0300701	XT08	MDP 4520	
184066400	MDO 10511032	105-110	32	80	130	58	MDC 105110-I/O	WCKX 06T308	P0350903	XT15	MDP 4520	
184066500	MDO 11011532	110-115	32	80	130	58	MDC 110115-I/O	WCKX 06T308	P0350903	XT15	MDP 4520	
184066600	MDO 11512040	115-120	40	90	145	70	MDC 115120-I/O	WCKX 06T308	P0350903	XT15	MDP 4520	
184066700	MDO 12012540	120-125	40	90	145	70	MDC 120125-I/O	WCKX 06T308	P0350903	XT15	MDP 5625	
184066800	MDO 12513040	125-130	40	90	145	70	MDC 125130-I/O	WCKX 06T308	P0350903	XT15	MDP 5625	
184066900	MDO 13013540	130-135	40	90	145	70	MDC 130135-I/O	WCKX 06T308	P0350903	XT15	MDP 5625	
184067000	MDO 13514040	135-140	40	90	145	70	MDC 135140-I/O	WCKX 06T308	P0350903	XT15	MDP 5625	
184067100	MDO 14015050	140-150	50	100	160	80	MDC 140150-I/O	WCKX 080408	P0401101	XT15	MDP 5625	
184067200	MDO 15016050	150-160	50	100	160	80	MDC 150160-I/O	WCKX 080408	P0401101	XT15	MDP 5625	
184067300	MDO 16017050	160-170	50	100	160	80	MDC 160170-I/O	WCKX 080408	P0401101	XT15	MDP 6830	
184067400	MDO 17018050	170-180	50	100	160	80	MDC 170180-I/O	WCKX 080408	P0401101	XT15	MDP 6830	

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Please see Page B - 450 for setting pilot drill.

Pilot Drill mounting procedure



New version / Standard version*

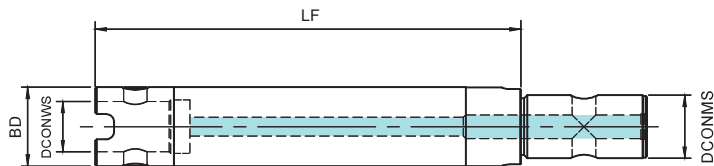
DCONWS	LS	BP / SP
32	70	PT - 1/4
40	80	PT - 1/4
50	80 / 100	PT - 1/4

*Order seperately

Order code Código	Reference Referência Referencia	Dimensions Dimensões Dimensiones (mm)				Drive Ring*	Stock
		DCONMS	DCONWS	BD	LF		
184121900	MDS 32115130	32	13	28	115	MDR 1028	Ⓢ
184253700	MDS 32200130	32	13	28	200	MDR 1028	Ⓢ
184255400	MDS 32300130	32	13	28	300	MDR 1028	Ⓢ
184122100	MDS 40125160	40	16	32	125	MDR 1032	Ⓢ
184253800	MDS 40200160	40	16	32	200	MDR 1032	Ⓢ
184255500	MDS 40300160	40	16	32	300	MDR 1032	Ⓢ
184122300	MDS 40148220	40	22	40	148	MDR 1240	Ⓢ
184122400	MDS 40200220	40	22	40	200	MDR 1240	Ⓢ
184122500	MDS 40300220	40	22	40	300	MDR 1240	Ⓢ
184122600	MDS 40168270	40	27	48	168	MDR 1248	Ⓢ
184122700	MDS 40300270	40	27	48	300	MDR 1248	Ⓢ
184122800	MDS 40186320	40	32	58	186	MDR 1458	Ⓢ
184122900	MDS 40300320	40	32	58	300	MDR 1458	Ⓢ
184123000	MDS 50186400	50	40	70	186	MDR 1470	Ⓢ
184123100	MDS 50300400	50	40	70	300	MDR 1470	Ⓢ
184123200	MDS 50184500	50	50	80	184	MDR 1680	Ⓢ
184123300	MDS 50300500	50	50	80	300	MDR 1680	Ⓢ

Ⓢ Stock item | Produto de stock | Itens de stock ○ Available under request | Disponível sobre consulta | Disponible bajo consulta

Note: This type of shank are supplied without drive ring. Please order them separately.



*Order seperately

Order code Código	Reference Referência Referencia	Dimensions Dimensões Dimensiones (mm)				Drive Ring*	Stock
		DCONMS	DCONWS	BD	LF		
184023500	MDE 13115280	13	13	28	115	MDR 1028	
184023600	MDE 13150280	13	13	28	150	MDR 1028	
184023700	MDE 13200280	13	13	28	200	MDR 1028	
184021800	MDE 13300280	13	13	28	300	MDR 1028	
184023800	MDE 16115320	16	16	32	115	MDR 1032	
184021900	MDE 16200320	16	16	32	200	MDR 1032	
184023900	MDE 16300320	16	16	32	300	MDR 1032	
184024000	MDE 22113400	22	22	40	113	MDR 1240	
184024100	MDE 22200400	22	22	40	200	MDR 1240	
184024200	MDE 22300400	22	22	40	300	MDR 1240	
184024300	MDE 27113480	27	27	48	113	MDR 1248	
184024400	MDE 27200480	27	27	48	200	MDR 1248	
184024500	MDE 27300480	27	27	48	300	MDR 1248	
184024600	MDE 32186580	32	32	58	186	MDR 1458	
184024700	MDE 32300580	32	32	58	300	MDR 1458	
184024800	MDE 40186700	40	40	70	186	MDR 1470	
184024900	MDE 40300700	40	40	70	300	MDR 1470	
184025000	MDE 40500700	40	40	70	500	MDR 1470	
184025100	MDE 50204800	50	50	80	204	MDR 1680	
184025200	MDE 50300800	50	50	80	300	MDR 1680	
184025300	MDE 50500800	50	50	80	500	MDR 1680	

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