

Ref.  
166

# Ultimax 646 **ULTIMAX 646**

Hammer drill bit 10 cutters compatible  
SDS Max

SDS Max drill bit with massive carbide head technology. High performance for drilling hard concrete and reinforced concrete.



Reinforced concrete, Concrete

**+**

## • 10 CUTTING EDGES TECHNOLOGY

### Features

- Massive carbide head.
- 10 cutters geometry.
- 6 lateral stabiliser.
- Elliptical 130° angle tip.
- Centering point.

### Benefits

- Fast drilling speed.
- High destruction power.
- Heat resistance.
- Low vibration.
- Longer lifespan.

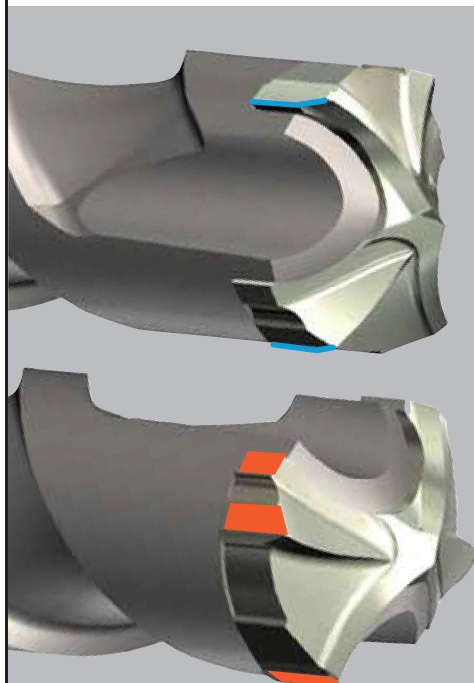
### Applications

- Fixing steel rebar.
- Passage of pipes or electrical cable.

Shank Hammer drill



Compatible  
SDS-max



**6**

**FRONT CUTTERS**  
2 main ones  
2 secondary ones  
2 central ones

Heavy rebar cutting power and stronger chiseling effect thanks to optimal combination of concave and convex cutters. Elliptic 130° angle for better penetration. Aggressive center point.

**4**

**SIDE CUTTERS**

Wear mark  
Guarantees concentricity and accurate dimensions.

**6**

**SIDE STABILISERS**

Hammering efforts focus on the drilling axis. Optimum performance even with most powerful hammerdrills. Vibration control.

see our  
video on  
**YouTube**

Ø	WL	TL	Ref.	Gencod	Qty	Ø	WL	TL	Ref.	Gencod	Qty						
<b>L 200 x 340</b>						<b>L 780 x 920</b>											
*12	200	340	166D12L0340	3336600004818	1	26	550	690	166D26L0690	3336600005396	1						
14	200	340	166D14L0340	3336600004825	1	28	550	690	166D28L0690	3336600005402	1						
*15	200	340	166D15L0340	3336600004832	1	30	550	690	166D30L0690	3336600005426	1						
16	200	340	166D16L0340	3336600004849	1	32	550	690	166D32L0690	3336600005433	1						
18	200	340	166D18L0340	3336600004856	1	35	550	690	166D35L0690	3336600005440	1						
20	200	340	166D20L0340	3336600004870	1	36	550	690	166D36L0690	3336600005457	1						
22	200	340	166D22L0340	3336600004887	1	38	550	690	166D38L0690	3336600028685	1						
24	200	340	166D24L0340	3336600004894	1	40	550	690	166D40L0690	3336600028692	1						
25	200	340	166D25L0340	3336600004900	1	42	550	690	166D42L0690	3336600063389	1						
26	200	340	166D26L0340	3336600004917	1	45	550	690	166D45L0690	3336600063396	1						
28	200	340	166D28L0340	3336600068261	1	**52	550	690	166D52L0690	3336600201330	1						
30	200	340	166D30L0340	3336600028760	1	<b>L 1160 x 1300</b>											
32	200	340	166D32L0340	3336600068278	1	20	1160	1300	166D20L1300	3336600063297	1						
35	200	340	166D35L0340	3336600054707	1	22	1160	1300	166D22L1300	3336600063303	1						
36	200	340	166D36L0340	3336600063440	1	25	1160	1300	166D25L1300	3336600068193	1						
38	200	340	166D38L0340	3336600063457	1	28	1160	1300	166D28L1300	3336600063310	1						
40	200	340	166D40L0340	3336600063464	1	32	1160	1300	166D32L1300	3336600028746	1						
42	200	340	166D42L0340	3336600063402	1	35	1160	1300	166D35L1300	3336600063327	1						
45	200	340	166D45L0340	3336600063471	1	36	1160	1300	166D36L1300	3336600063334	1						
<b>L 400 x 540</b>						42	1160	1300	166D42L1300	3336600063341	1						
*12	400	540	166D12L0540	3336600004924	1	**45	1160	1300	166D45L1300	3336600063358	1						
14	400	540	166D14L0540	3336600004931	1	<b>L 1360 x 1500</b>											
*15	400	540	166D15L0540	3336600004948	1	20	1360	1500	166D20L1500	3336600024120	1						
16	400	540	166D16L0540	3336600004955	1	24	1360	1500	166D24L1500	3336600024137	1						
18	400	540	166D18L0540	3336600005136	1	25	1360	1500	166D25L1500	3336600037625	1						
20	400	540	166D20L0540	3336600005150	1	28	1360	1500	166D28L1500	3336600024144	1						
22	400	540	166D22L0540	3336600005167	1	32	1360	1500	166D32L1500	3336600024151	1						
24	400	540	166D24L0540	3336600005174	1	36	1360	1500	166D36L1500	3336600024168	1						
25	400	540	166D25L0540	3336600005181	1	40	1360	1500	166D40L1500	3336600063365	1						
26	400	540	166D26L0540	3336600005198	1	42	1360	1500	166D42L1500	3336600063372	1						
28	400	540	166D28L0540	3336600005204	1	**45	1360	1500	166D45L1500	3336600027091	1						
30	400	540	166D30L0540	3336600005228	1	<b>* 3 cutting edges</b>											
32	400	540	166D32L0540	3336600005235	1	<b>** 6 cutting edges</b>											
35	400	540	166D35L0540	3336600005242	1												
36	400	540	166D36L0540	3336600005259	1												
38	400	540	166D38L0540	3336600023093	1												
40	400	540	166D40L0540	3336600023109	1												
42	400	540	166D42L0540	3336600023116	1												
45	400	540	166D45L0540	3336600063419	1												
**52	400	540	166D52L0540	3336600201323	1												
<b>L 550 x 690</b>																	
16	550	690	166D16L0690	3336600005327	1												
18	550	690	166D18L0690	3336600005334	1												
20	550	690	166D20L0690	3336600005358	1												
22	550	690	166D22L0690	3336600005365	1												
24	550	690	166D24L0690	3336600005372	1												
25	550	690	166D25L0690	3336600005389	1												



Power recommendation machine / drill diameter.  
Using a machine not adapted to the diameter can break the drill bit.

MACHINE Attachment	Joule strike force	Weight in kg	DIAMETER																			
			12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50
SDS-max wired perforator	8-9	6-7																				
	12-13	8-9																				
	19-20	11-12																				

Optimal use
  Occasional use
  Not compatible

