

Bench drill

OPTIdrill DX 15V

Table drills with infinitely variable speed control

Article number ▼

3020155

Brand ▼

Optimum

Catalog directory ▼

Metalworking machines » Drilling machines

» Drilling machines with Vario drive »

OPTIdrill DX V

OPTIMUM[®]
MASCHINEN - GERMANY



Shipping informations



Packaging Metrics		Weights		Delivery		Other	
Length	540 mm	Gross	82 kg	Delivery	Carrier	DualUse	✘
Width	420 mm	Net	66 kg	Content	1 pc(s).	SCIP	n/a
Height	1,040 mm					SVHC	No



Description ▼

- Best power transmission through aluminum pulleys
- Digital speed indicator integrated in the housing, speed control by potentiometer
- Emergency stop impact switch
- Drill spindle with precision ball bearings
- High quality OPTIMUM keyless chuck as standard
- Guaranteed concentricity accuracy less than 0.03 mm measured at the drilling spindle
- Height-adjustable feed guard with microswitch
- Dirt and water resistant membrane keypad, easy to clean
- Precision machined drill table with parallel T-slots
- Thick-walled cast-iron column for high power absorption and stability
- Massive base plate, large dimensions, strongly ribbed on the back
- EMC filter class C2

DX 13V

- Height adjustable drill head

DX 15V

- Height adjustment of the drilling table via rack
- MK – recording

Delivery content ▼

- Keyless chuck (1 - 13 mm)

Media informations ▼



- Height-adjustable chuck guard with microswitch
- High-quality OPTIMUM quick-action drill chuck as standard



- High-contrast, digital LED speed display integrated in housing
- Speed control by means of potentiometer



- Precisely machined drilling table with parallel T-slots



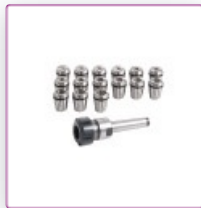
- Solid base plate, large dimensioned, heavily ribbed on the back side

Technical data

Dimensions and weights			
Column diameter	60 mm	Length (product) approx.	425 mm
Width/depth (product) approx.	475 mm	Height (product) approx.	980 mm
Net weight approx.	66 kg		
Drilling performance			
Drilling performance steel (S235JR)	15 mm	Continuous drilling performance steel (S235JR)	12 mm
Drilling table			
Drilling table workspace length	290 mm	Drilling table workspace width	290 mm

Drilling table T-groove size	10 mm	Drilling table T-groove number	2
Drilling table T-groove spacing	100 mm	Min. distance chuck - drilling table	98 mm
Max. distance chuck - drilling table	375 mm		
Speed range			
Speed range	100 – 3000 min ⁻¹	Speed control	electronically adjustable
Electrical Data			
Supply voltage	230 V	Mains frequency	50 Hz
Machine base			
Min. distance chuck - machine base	290 mm	Max. distance chuck - machine base	355 mm
Machine base workspace length	290 mm	Machine base workspace width	280 mm
Machine base T-groove size	14 mm	Machine base T-groove number	2
Machine base T-groove spacing	100 mm		
Standards and certifications			
Standard	DIN EN 55011	EMV-Class	C2
Spindle			
Quill stroke	60 mm	Spindle chuck	MK 2
Reach	235 mm		
Motor(s)			
Spindle motor drive output	0.85 kW		

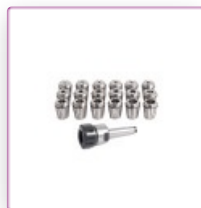
Accessories ▼



Collet chuck set MK 2 / ER 25 - M10

Article number ▼
3352052

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Collet chuck set MK 2 / ER 32 - M10

Article number ▼
3352053

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Tapping attachment M5 - M12 / B16

Built-in fast reverse, immediately effective when changing the feed direction

Article number ▼
3352042

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Tapping chuck with inserts
MK 2; M3 - M12

Article number ▼
3050702

OPTIMUM®
MASCHINEN - GERMANY



Tapping chuck small
THERMDRILL M3-M12

Article number ▼
3050715

OPTIMUM®
MASCHINEN - GERMANY



Tapping chuck big
THERMDRILL M8-M20

Article number ▼
3050716

OPTIMUM®
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Precision quick-action drill chuck
1-10 mm, B16

Article number ▼
3050610

OPTIMUM®
MASCHINEN - GERMANY



Keyless drill chuck
DKC13 1-13 mm

Article number ▼
3050632

OPTIMUM®
MASCHINEN - GERMANY



Keyless drill chuck
DKC16 1-16 mm

Article number ▼
3050633

OPTIMUM®
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OPTIMUM direct quick-action drill chuck
MK 2 1 - 16 mm; up to 6000 min⁻¹

Article number ▼
3050571

OPTIMUM®
MASCHINEN - GERMANY



OPTIMUM direct quick-action drill chuck
MK 2 1 - 13 mm; up to 8000 min⁻¹

Article number ▼
3050572

OPTIMUM®
MASCHINEN - GERMANY



Clamping tool kit
SPW 8

Article number ▼
3352015

OPTIMUM®
MASCHINEN - GERMANY



Clamping tool kit
SPW 12

Article number ▼
3352017

OPTIMUM®
MASCHINEN - GERMANY



T-nut
M 8/10 mm

Article number ▼
3353020

OPTIMUM®
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T-nut
M 12/14 mm

Article number ▼
3353025

OPTIMUM®
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T-nut
M 12 / 15.7 mm

Article number ▼
3353024

OPTIMUM®
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T-nut
M 14/16 mm

Article number ▼
3353026

OPTIMUM®
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Twist drill HSS with Morse taper
MT 2

Article number ▼
3051002

OPTIMUM®
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Twist Drill Set
25 pieces, 1 - 13 mm

Article number ▼
3201010

OPTIMUM®
MASCHINEN - GERMANY



Twist Drill Set
41-piece, 6 - 10 mm (0.1 mm rising)

Article number ▼
3201021

OPTIMUM®
MASCHINEN - GERMANY



Countersink set
6 pieces: 6/8/10 / 11.5 / 15/19 mm

Article number ▼
3201050

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Countersink set
HSS, 6 pieces

Article number ▼
3201051

OPTIMUM®
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Sheet metal cone drill set
HSS, 3-part, 3 - 30.5 mm

Article number ▼
3201055

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Thread repair assortment
M5 - M12

Article number ▼
3202010

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Morse taper
MK2-B16

Article number ▼
3050659

OPTIMUM®
MASCHINEN - GERMANY



Cone ejector
MSP1

Article number ▼
3050636

OPTIMUM®
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Down device
Table groove 14 mm / M 12

Article number ▼
3352031

OPTIMUM®
MASCHINEN - GERMANY



Collet chuck
THERMDRILL B16 - ER32

Article number ▼
3060007

OPTIMUM®
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Universal base
MSM 1 340 x 420 x 800 mm

Article number ▼
3353000

OPTIMUM®
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Chip tray
720 x 470 x 30 mm

Article number ▼
3352999

OPTIMUM®
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Universal machine and tool trolley
MSU 3

Article number ▼
3352990

OPTIMUM®
MASCHINEN - GERMANY



Universal machine and tool trolley
MSU 4

Article number ▼
3352991

OPTIMUM®
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Machine vice
BMP 100

Article number ▼
3052610

OPTIMUM®
MASCHINEN - GERMANY



Machine vice
BMP 130

Article number ▼
3052613

OPTIMUM®
MASCHINEN - GERMANY



Machine vice
BSI 100

Article number ▼
3000210

OPTIMUM®
MASCHINEN - GERMANY



Machine vice
BSI-Q 100

Article number ▼
3000230

OPTIMUM®
MASCHINEN - GERMANY



T-nut
M 10/12 mm

Article number ▼
3353022

OPTIMUM®
MASCHINEN - GERMANY



Basic equipment
THERMDRILL Basic Kit

Article number ▼
3060004

OPTIMUM®
MASCHINEN - GERMANY



Universal coolant device
230 V

Article number ▼
3351999

OPTIMUM®
MASCHINEN - GERMANY



Cooling lubricant nebulizer

MMC1

Article number ▼

3356663

OPTIMUM®
MASCHINEN - GERMANY



Coolant hoses with magnetic base

KMS 2

Article number ▼

3356660

OPTIMUM®
MASCHINEN - GERMANY



Workplace mat

1840 x 640 mm

For the dry and wet area

Article number ▼

6800000

unicraft®
Werkstatttechnik



Workplace mat

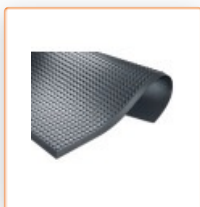
1840 x 940 mm

For the dry and wet area

Article number ▼

6800005

unicraft®
Werkstatttechnik



Workplace mat

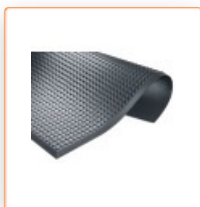
3040 x 940 mm

For the dry and wet area

Article number ▼

6800006

unicraft®
Werkstatttechnik



Workplace mat

3040 x 640 mm

For the dry and wet area

Article number ▼

6800001

unicraft®
Werkstatttechnik