

Sunnen's DirectDex® Heads and Consumables

Inserts and Pads Compatible with Sandvik Corodril® 800 Series Tools

Sunnen's DirectDex BTA-style deep-hole drilling heads, inserts and pads are directly interchangeable with Sandvik's CoroDrill® 800 series of tools.

These tools provide for the low cost per bore and consistent performance of indexable inserts without the component count and complexity associated with cartridge-style tools. DirectDex 800 drills cover the range from 25 mm to 65 mm (0.984" to 2.559").

Sunnen also offers drill heads and consumables, replacements for the Sandvik 801 and T-Max® Series. Contact Sunnen Customer Service for details.



Drill Head Part Numbering Code Example: DDSM02500M403

DD		S		M02500		M		4		03	
DirectDex Prefix		Fluid Introduction		Bore Size (x#####)		Connection Type		Thread Starts		Connection Size	
Description	Code	Description	Code	Description	Code	Description	Code	Description	Code	Bore Size Range	Code
DirectDex	DD	Single-Tube (BTA)	S	Size in Metric	M##### = ###.## mm	Male/External	M	Four-Start	4	25.00 - 26.40 mm .984 - 1.039 in	03
Reference: Sandvik 800		Double-Tube (Ejector)	D	example: 25.00 mm	M02500	Female/Internal	F	Single-Start	1	26.41 - 28.70 mm 1.040 - 1.139 in	04
				Size in Imperial	##### = ##.### inches					28.71 - 31.00 mm 1.140 - 1.220 in	05
				example: 1.000"	0100					31.01 - 33.30 mm 1.221 - 1.311 in	06
										33.31 - 36.20 mm 1.311 - 1.425 in	07
										36.21 - 39.60 mm 1.426 - 1.559 in	08
										39.61 - 43.00 mm 1.559 - 1.693 in	09
										43.01 - 47.00 mm 1.694 - 1.850 in	10
										47.01 - 51.70 mm 1.851 - 1.973 in	11
										51.71 - 56.20 mm 2.036 - 2.213 in	12
										56.21 - 65.00 mm 2.213 - 2.559 in	13

Sandvik-to-Sunnen Part Number Conversion Charts



Drill Head Inserts

Sandvik Inserts	Sunnen Inserts*	Sandvik Inserts	Sunnen Inserts*
800-05 03 08M-C-G....	BTDDN05CGU1__*	800-08 T3 08M-C-L....	BTDDN08CLU1__*
800-05 03 08M-C-L....	BTDDN05CLU1__*	800-08 T3 08M-I-G....	BTDDN08IGU1__*
800-05 03 08M-I-G....	BTDDN05IGU1__*	800-08 T3 08M-I-L....	BTDDN08ILU1__*
800-05 03 08M-I-L....	BTDDN05ILU1__*	800-09 T3 08H-P-G....	BTDDN09PGU1__*
800-06 03 08H-P-G....	BTDDN06PGU1__*	800-09 T3 08H-P-L....	BTDDN09PLU1__*
800-06 03 08H-P-L....	BTDDN06PLU1__*	800-10 T3 08M-C-G....	BTDDN10CGU1__*
800-06 T3 08M-C-G....	BTDDN06CGU1__*	800-10 T3 08M-C-L....	BTDDN10CLU1__*
800-06 T3 08M-C-L....	BTDDN06CLU1__*	800-11 T3 08H-P-G....	BTDDN11PGU1__*
800-06 T3 08M-I-G....	BTDDN06IGU1__*	800-11 T3 08H-P-L....	BTDDN11PLU1__*
800-06 T3 08M-I-L....	BTDDN06ILU1__*	800-12 T3 08M-C-G....	BTDDN12CGU1__*
800-08 T3 08H-P-G....	BTDDN08PGU1__*	800-12 T3 08M-C-L....	BTDDN12CLU1__*
800-08 T3 08H-P-L....	BTDDN08PLU1__*	800-12 T3 08M-I-G....	BTDDN12IGU1__*
800-08 T3 08M-C-G....	BTDDN08CGU1__*	800-12 T3 08M-I-L....	BTDDN12ILU1__*



Guide Pads

Sandvik Pad	Sunnen Pad
800-06A PM1	GPS0618DDPM
800-07A PM1	GPS0720DDPM
800-08A PM1	GPS0825DDPM
800-10A PM1	GPS1030DDPM
800-12A PM1	GPS1235DDPM

*Select your grade: for the last two digits of the Sunnen part number, choose either **T M** or **F C**

TM - A CVD coated universal grade optimal for machining heat-resistant super alloys, i.e. Nickel-based alloys including super duplex stainless. Also works well with ISO P, K, H and N materials.

FC - A PVD coated grade with excellent wear resistance and toughness, especially when used in the central position. Also provides resistance against built-up edges. Specifically designed for ISO P, K, H and N materials.

BTA Heller

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SUNNEN WORLDWIDE



BTA Heller is a division of Sunnen Products Company

With world headquarters in St. Louis, Missouri, Sunnen is the largest fully integrated company in the world specializing in precision bore creation, sizing and finishing equipment. A Sunnen solution might include honing, lapping, skiving/roller burnishing or deep hole machining... or a combination of those processes.

Our 13 international subsidiaries and over 40 authorized distributors allow us to deliver top quality Sunnen machines, tools, service and training wherever they are needed around the globe.

SUNNEN PRODUCTS COMPANY

World Headquarters

St. Louis, MO – USA

Phone (314) 781-2100

Fax (314) 781-2268

Toll Free (800) 325-3670

Email sunnen@sunnen.com

www.sunnen.com

Austria – Sunnen Austria GmbH

Phone +43 (0) 5576 74194

Fax +43 (0) 5576 74196

Email sales@sunnen.eu

www.sunnen.at

Belgium – Sunnen Benelux BVBA

Phone +32 38 80 2800

Fax +32 38 44 3901

Email info@sunnen.be

www.sunnen.be

Brazil – Sunnen do Brasil LTDA.

Phone +55 11 4368-4900

Email sunnen@sunnen.com.br

www.sunnen.com.br

Canada – Sunnen Products Company

Phone 844-356-0006

Email canadasales@sunnen.com

www.sunnen.com/canada

China – Shanghai Sunnen Mechanical Co. Ltd.

Phone +86 21 5813 3990

Fax +86 21 5813 2299

Email shsunnen@sunnensh.com

www.sunnensh.com

Czech Republic – Sunnen s.r.o.

Phone +420 383 376 317

Fax +420 383 376 316

Email sunnen@sunnen.cz

www.sunnen.cz

France – Sunnen SAS

Phone +33 01 69 30 0000

Fax +33 01 69 30 1111

Email info@sunnen.fr

www.sunnen.fr

India – Sunnen India Pvt. Ltd.

Phone +91 223 913 6055

Fax +91 223 913 6056

Email sales@sunnen.in

www.sunnen.in

Italy – Sunnen Italia S.r.l.

Phone +39 02 383 417 1

Fax +39 02 383 417 50

Email sunnen@sunnenitalia.com

www.sunnenitalia.com

Poland – Sunnen Polska Sp. z o.o.

Phone +48 22 814 34 29

Fax +48 22 814 34 28

Email sunnen@sunnen.pl

www.sunnen.pl

Russia – Sunnen RUS

Phone +7 495 258 43 43

Fax +7 495 258 91 75

Email sunnen@sunnen-russia.ru

www.sunnen.ru

Switzerland – Sunnen AG

Phone +41 71 649 33 33

Email sales@sunnen.eu

www.sunnen.eu

UK – Sunnen Products Ltd.

Phone +44 1442 39 39 39

Fax +44 1442 39 12 12

Email hemel@sunnen.co.uk

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