

# KORLOY NOTICE

“Another Originality” Everyday we pursue Another Originality for the Future

## TPDC Plus expansion information

### Purpose

- To introduce **TPDC Plus\*** for small diameter cutting expansion information
- ※ TPDC → TPDC Plus (Item name has changed.)

### Subject item new

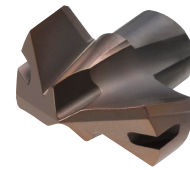
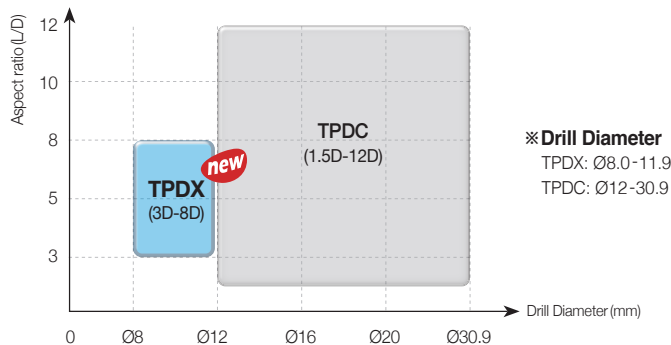
- TPDX (Ø8.0-11.9) ※ Please refer to the attached

### Detailed information

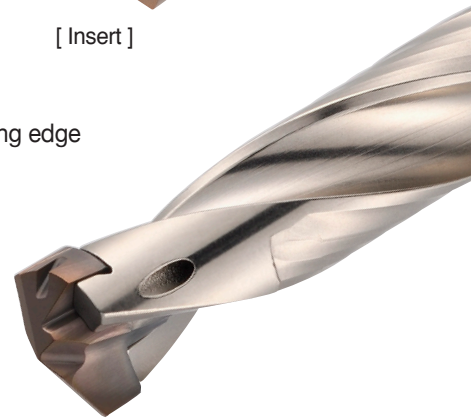
#### 1 Features

- The optimal drill with high quality for small diameter (Ø8.0-11.9) drilling
- Stable machinability due to the new and strong clamping system and optimal cutting edge
- Clamping system with the structure for easy clamping and exchanging inserts

#### 2 Application range



[ Insert ]



[ Holder ]

#### 3 Code system

##### • Holder

<b>TPD</b>	<b>X</b>	<b>□D</b>	<b>- 080</b>	<b>12</b>	<b>- 40</b>
Top solid Piercing Drill	Insert type X, C: Cone type	Aspect ratio 3D, 5D, 8D	Drill dia. 080: Ø8~8.49	Shank dia. 12: Ø12	Flute length 40: 40mm

##### • Insert

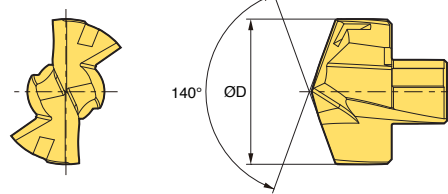
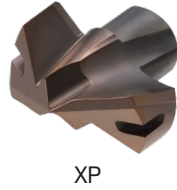
<b>TPD</b>	<b>0800</b>	<b>X</b>	<b>P</b>
Top solid Piercing Drill	Drill dia. 0800: Ø8.00	Insert type X, C: Cone type	Machining area P: Steel, Universal

### Launch date

- From November 2021

[ Attached ]

Insert

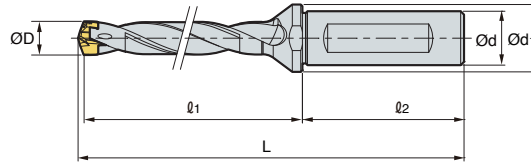


Drill dia. ØD(mm)	P Type (XP)	Coated	Holder	Wrench
	TPDC-XP	PC325U		
8.0	TPD0800XP	●	TPDX□D-08012-□	TPDC -W0811
8.1	TPD0810XP	●		
8.2	TPD0820XP	●		
8.3	TPD0830XP	●		
8.4	TPD0840XP	●		
8.5	TPD0850XP	●	TPDX□D-08512-□	
8.6	TPD0860XP	●		
8.7	TPD0870XP	●		
8.8	TPD0880XP	●		
8.9	TPD0890XP	●	TPDX□D-09012-□	
9.0	TPD0900XP	●		
9.1	TPD0910XP	●		
9.2	TPD0920XP	●		
9.3	TPD0930XP	●		
9.4	TPD0940XP	●	TPDX□D-09512-□	
9.5	TPD0950XP	●		
9.6	TPD0960XP	●		
9.7	TPD0970XP	●		
9.8	TPD0980XP	●		
9.9	TPD0990XP	●	TPDX□D-10016-□	
10.0	TPD1000XP	●		
10.1	TPD1010XP	●		
10.2	TPD1020XP	●		
10.3	TPD1030XP	●		
10.4	TPD1040XP	●	TPDX□D-10516-□	
10.5	TPD1050XP	●		
10.6	TPD1060XP	●		
10.7	TPD1070XP	●		
10.8	TPD1080XP	●		
10.9	TPD1090XP	●	TPDX□D-11016-□	
11.0	TPD1100XP	●		
11.1	TPD1110XP	●		
11.2	TPD1120XP	●		
11.3	TPD1130XP	●		
11.4	TPD1140XP	●	TPDX□D-11516-□	
11.5	TPD1150XP	●		
11.6	TPD1160XP	●		
11.7	TPD1170XP	●		
11.8	TPD1180XP	●		
11.9	TPD1190XP	●		

※ We can provide if you order exact machining specification. ●: Stock item

[ Attached ]

**TPDC Plus Drill (3D/5D/8D)**



(mm)

Designation	Stock	ØD	Ød	Ød1	l1	l2	L	Applicable insert
TPDX 3D-08012-24	●	8.0-8.4	12	16	24	45	82.2	TPD0800XP-0849XP
3D-08512-26	●	8.5-8.9	12	16	26	45	84.1	TPD0850XP-0899XP
3D-09012-27	●	9.0-9.4	12	16	27	45	85.9	TPD0900XP-0949XP
3D-09512-29	●	9.5-9.9	12	16	29	45	87.7	TPD0950XP-0999XP
3D-10016-30	●	10.0-10.4	16	20	30	48	94.6	TPD1000XP-1049XP
3D-10516-32	●	10.5-10.9	16	20	32	48	96.5	TPD1050XP-1099XP
3D-11016-33	●	11.0-11.4	16	20	33	48	98.2	TPD1100XP-1149XP
3D-11516-35	●	11.5-11.9	16	20	35	48	100.1	TPD1150XP-1199XP
5D-08012-40	●	8.0-8.4	12	16	40	45	98.2	TPD0800XP-0849XP
5D-08512-43	●	8.5-8.9	12	16	43	45	101.1	TPD0850XP-0899XP
5D-09012-45	●	9.0-9.4	12	16	45	45	103.9	TPD0900XP-0949XP
5D-09512-48	●	9.5-9.9	12	16	48	45	106.7	TPD0950XP-0999XP
5D-10016-50	●	10.0-10.4	16	20	50	48	114.6	TPD1000XP-1049XP
5D-10516-53	●	10.5-10.9	16	20	53	48	117.5	TPD1050XP-1099XP
5D-11016-55	●	11.0-11.4	16	20	55	48	120.2	TPD1100XP-1149XP
5D-11516-58	●	11.5-11.9	16	20	58	48	123.1	TPD1150XP-1199XP
8D-08012-64	●	8.0-8.4	12	16	64	45	122.2	TPD0800XP-0849XP
8D-08512-68	●	8.5-8.9	12	16	68	45	126.6	TPD0850XP-0899XP
8D-09012-72	●	9.0-9.4	12	16	72	45	130.9	TPD0900XP-0949XP
8D-09512-76	●	9.5-9.9	12	16	76	45	135.2	TPD0950XP-0999XP
8D-10016-80	●	10.0-10.4	16	20	80	48	144.6	TPD1000XP-1049XP
8D-10516-84	●	10.5-10.9	16	20	84	48	149.0	TPD1050XP-1099XP
8D-11016-88	●	11.0-11.4	16	20	88	48	153.2	TPD1100XP-1149XP
8D-11516-92	●	11.5-11.9	16	20	92	48	157.6	TPD1150XP-1199XP

※ We can provide if you order exact machining specification. Ex) Ø10 and 60 mm depth of cut → TPDX6D-10016-60

● : Stock item