

# DIN LINE UP

## Dies



DPO

Di-1

# DPO

## HSS Spiral Pointed Dies

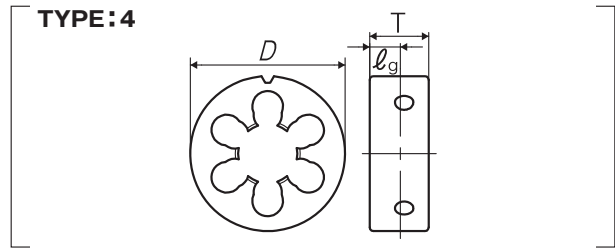
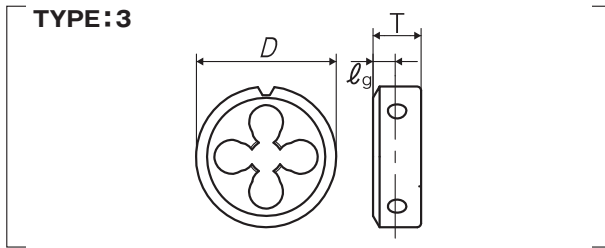
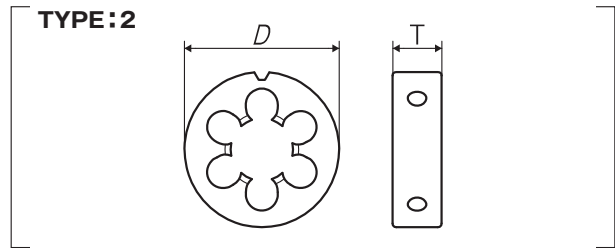
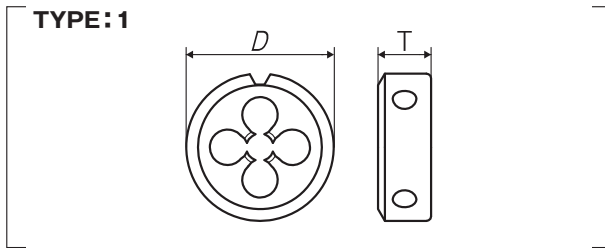
### Specification



For icon explanation, refer to P.50



- Due to the effect of spiral pointed flutes, DPO pushes out chips toward the cutting direction and reduces the troubles caused by chips.
- DPO due to its design can be used one side only.
- DPO combined with YAMAWA RD-DA die holder (P.315 or 636) can be easily applied on machining center.



Segment : 32, 33

Size	Class	Code	D (mm)	T (mm)	Clearance Holes	Type	Stock
For Metric threads							
<b>M1 × 0.25</b>	6g	PDD1.0BLNEBC	16	5	3	1	
<b>M1.1 × 0.25</b>	6g	PDD1.1BLNEBC	16	5	3	1	
<b>M1.2 × 0.25</b>	6g	PDD1.2BLNEBC	16	5	3	1	
<b>M1.4 × 0.3</b>	6g	PDD1.4CLNEBC	16	5	3	1	
<b>M1.6 × 0.35</b>	6g	PDD1.6DLNEBC	16	5	3	1	●
<b>M1.7 × 0.35</b>	6g	PDD1.7DLNEBC	16	5	3	1	
<b>M1.8 × 0.35</b>	6g	PDD1.8DLNEBC	16	5	3	1	
<b>M2 × 0.4</b>	6g	PDD2.0ELNEBC	16	5	3	1	●
<b>M2 × 0.25</b>	6g	PDD2.0BLNEBC	16	5	3	1	
<b>M2.2 × 0.45</b>	6g	PDD2.2FLNEBC	16	5	3	1	
<b>M2.3 × 0.4</b>	6g	PDD2.3ELNEBC	16	5	3	1	
<b>M2.5 × 0.45</b>	6g	PDD2.5FLNEBC	16	5	3	1	●
<b>M2.5 × 0.35</b>	6g	PDD2.5DLNEBC	16	5	3	1	
<b>M2.6 × 0.45</b>	6g	PDD2.6FLNEBC	16	5	3	1	
<b>M3 × 0.5</b>	6g	PDE3.0GLNEBC	20	5	3	1	●
<b>M3 × 0.35</b>	6g	PDE3.0DLNEBC	20	5	3	1	
<b>M3.5 × 0.6</b>	6g	PDE3.5HLNEBC	20	5	3	1	
<b>M4 × 0.7</b>	6g	PDE4.0ILNEBC	20	5	3	1	●
<b>M4 × 0.5</b>	6g	PDE4.0GLNEBC	20	5	3	1	

Outside diameter	Thickness
D	T

## DPO HSS Spiral Pointed Dies

Size	Class	Code	D (mm)	T (mm)	Clearance Holes	Type	Stock
M5 × 0.8	6g	PDE5.0KLNEBC	20	7	4	1	●
M5 × 0.5	6g	PDE5.0GLNEBC	20	5	4	1	
M6 × 1	6g	PDE6.0MLNEBC	20	7	4	1	●
M6 × 0.75	6g	PDE6.0JLNEBC	20	7	4	1	
M6 × 0.5	6g	PDE6.0GLNEBC	20	5	4	1	
M7 × 1	6g	PDG7.0MLNEBC	25	9	4	1	●
M7 × 0.75	6g	PDG7.0JLNEBC	25	9	4	1	
M8 × 1.25	6g	PDG8.0NLNEBC	25	9	4	1	●
M8 × 1	6g	PDG8.0MLNEBC	25	9	4	1	●
M8 × 0.75	6g	PDG8.0JLNEBC	25	9	4	1	
M8 × 0.5	6g	PDG8.0GLNEBC	25	9	4	1	
M9 × 1.25	6g	PDG9.0NLNEBC	25	9	5	1	
M9 × 1	6g	PDG9.0MLNEBC	25	9	5	1	
M10 × 1.5	6g	PDH0100LNEBC	30	11	4	1	●
M10 × 1.25	6g	PDH010NLNEBC	30	11	4	1	●
M10 × 1	6g	PDH010MLNEBC	30	11	4	1	●
M10 × 0.75	6g	PDH010JLNEBC	30	11	4	1	
M10 × 0.5	6g	PDH010GLNEBC	30	11	4	1	
M11 × 1.5	6g	PDH0110LNEBC	30	11	5	1	
M12 × 1.75	6g	PDJ012PLNEBC	38	14	4	1	●
M12 × 1.5	6g	PDJ0120LNEBC	38	10	4	1	●
M12 × 1.25	6g	PDJ012NLNEBC	38	10	4	1	●
M12 × 1	6g	PDJ012MLNEBC	38	10	4	1	●
M12 × 0.75	6g	PDJ012JLNEBC	38	10	4	1	
M12 × 0.5	6g	PDJ012GLNEBC	38	10	4	1	
M14 × 2	6g	PDJ014QLNEBC	38	14	5	1	●
M14 × 1.5	6g	PDJ0140LNEBC	38	10	5	1	●
M14 × 1.25	6g	PDJ014NLNEBC	38	10	5	1	●
M14 × 1	6g	PDJ014MLNEBC	38	10	5	1	
M15 × 1.5	6g	PDJ0150LNEBC	38	10	5	1	
M16 × 2	6g	PDL016QLNEBC	45	18	5	1	●
M16 × 1.5	6g	PDL0160LNEBC	45	14	5	1	●
M16 × 1	6g	PDL016MLNEBC	45	14	5	1	
M18 × 2.5	6g	PDL018RLNEBC	45	18	5	1	●
M18 × 2	6g	PDL018QLNEBC	45	14	5	1	
M18 × 1.5	6g	PDL0180LNEBC	45	14	5	1	●
M18 × 1	6g	PDL018MLNEBC	45	14	5	1	
M20 × 2.5	6g	PDL020RLNEBC	45	18	5	1	●
M20 × 2	6g	PDL020QLNEBC	45	14	5	1	
M20 × 1.5	6g	PDL0200LNEBC	45	14	5	1	●
M20 × 1	6g	PDL020MLNEBC	45	14	5	1	
M22 × 2.5	6g	PDP022RLNEBC	55	22	5	1	●
M22 × 2	6g	PDP022QLNEBC	55	16	5	1	
M22 × 1.5	6g	PDP0220LNEBC	55	16	5	1	●
M22 × 1	6g	PDP022MLNEBC	55	16	5	1	
M24 × 3	6g	PDP024SLNEBC	55	22	5	1	●
M24 × 2	6g	PDP024QLNEBC	55	16	5	1	●
M24 × 1.5	6g	PDP0240LNEBC	55	16	5	1	●
M24 × 1	6g	PDP024MLNEBC	55	16	5	1	
M26 × 1.5	6g	PDP0260LNEBC	55	16	6	1	

Spiral Fluted Taps  
(for blind hole)Spiral Fluted Taps  
(for through hole)Spiral Pointed Taps  
(for through hole)

Hand Taps

Cemented  
Carbide Taps

Roll Taps

Special Thread Taps  
Simple Inspection Tools

Pipe Taps

Thread Mills

Dies

Center Drills

Centering Tools

## DPO HSS Spiral Pointed Dies

Size	Class	Code	D (mm)	T (mm)	Clearance Holes	Type	Stock
<b>M27 × 3</b>	6g	PDS027SLNEBC	65	25	6	2	●
<b>M27 × 2</b>	6g	PDS027QLNEBC	65	18	6	2	
<b>M27 × 1.5</b>	6g	PDS0270LNEBC	65	18	6	2	
<b>M27 × 1</b>	6g	PDS027MLNEBC	65	18	6	2	
<b>M28 × 2</b>	6g	PDS028QLNEBC	65	18	6	2	
<b>M28 × 1.5</b>	6g	PDS0280LNEBC	65	18	6	2	
<b>M30 × 3.5</b>	6g	PDS030TLNEBC	65	25	6	2	●
<b>M30 × 1.5</b>	6g	PDS0300LNEBC	65	18	6	2	
<b>M33 × 3.5</b>	6g	PDS033TLNEBC	65	25	8	2	
<b>M36 × 4</b>	6g	PDS036ULNEBC	65	25	8	2	
Size	Class	Code	D (mm)	T (mm)	Clearance Holes	Type	Stock
For Unified Threads							
<b>No.0-80UNF</b>	2A	PDDUN0BGNEBC	16	5	3	1	
<b>No.1-64UNC</b>	2A	PDDUN1DGNEBC	16	5	3	1	
<b>No.1-72UNF</b>	2A	PDDUN1CGNEBC	16	5	3	1	
<b>No.2-56UNC</b>	2A	PDDUN2EGNEBC	16	5	3	1	
<b>No.2-64UNF</b>	2A	PDDUN2DGNEBC	16	5	3	1	
<b>No.3-48UNC</b>	2A	PDDUN3FGNEBC	16	5	3	1	
<b>No.3-56UNF</b>	2A	PDDUN3EGNEBC	16	5	3	1	
<b>No.4-40UNC</b>	2A	PDEUN4HGNEBC	20	5	3	1	
<b>No.4-48UNF</b>	2A	PDEUN4FGNEBC	20	5	3	1	
<b>No.5-40UNC</b>	2A	PDEUN5HGNEBC	20	5	3	1	
<b>No.5-44UNF</b>	2A	PDEUN5GGNEBC	20	5	3	1	
<b>No.6-32UNC</b>	2A	PDEUN6JGNEBC	20	7	3	1	
<b>No.6-40UNF</b>	2A	PDEUN6HGNEBC	20	5	3	1	
<b>No.8-32UNC</b>	2A	PDEUN8JGNEBC	20	7	3	1	
<b>No.8-36UNF</b>	2A	PDEUN8IGNEBC	20	7	3	1	
<b>No.10-24UNC</b>	2A	PDEUNAMGNEBC	20	7	4	1	
<b>No.10-32UNF</b>	2A	PDEUNAJGNEBC	20	7	4	1	
<b>No.12-24UNC</b>	2A	PDEUNCMGNEBC	20	7	4	1	
<b>No.12-28UNF</b>	2A	PDEUNCKGNEBC	20	7	4	1	
<b>1/4-20UNC</b>	2A	PDGU04NGNEBC	25	9	4	1	
<b>1/4-28UNF</b>	2A	PDGU04KGNEBC	25	9	4	1	
<b>5/16-18UNC</b>	2A	PDGU050GNEBC	25	9	4	1	
<b>5/16-24UNF</b>	2A	PDGU05MGNEBC	25	9	4	1	
<b>3/8-16UNC</b>	2A	PDHU06PGNEBC	30	11	4	1	
<b>3/8-24UNF</b>	2A	PDHU06MGNEBC	30	11	4	1	
<b>7/16-14UNC</b>	2A	PDHU07QGNEBC	30	11	5	1	
<b>7/16-20UNF</b>	2A	PDHU07NGNEBC	30	11	5	1	
<b>1/2-13UNC</b>	2A	PDJU08RGNEBC	38	14	4	1	
<b>1/2-20UNF</b>	2A	PDJU08NGNEBC	38	10	4	1	
<b>9/16-12UNC</b>	2A	PDJU09SGNEBC	38	14	5	1	
<b>9/16-18UNF</b>	2A	PDJU090GNEBC	38	10	5	1	
<b>5/8-11UNC</b>	2A	PDLU10UGNEBC	45	18	5	1	
<b>5/8-18UNF</b>	2A	PDLU100GNEBC	45	14	5	1	
<b>3/4-10UNC</b>	2A	PDLU12VGNEBC	45	18	5	1	
<b>3/4-16UNF</b>	2A	PDLU12PGNEBC	45	14	5	1	

Outside diameter	Thickness	Position of basic dia
D	T	lg

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Size	Class	Code	D (mm)	T (mm)	Clearance Holes	Type	Stock
<b>7/8-9UNC</b>	2A	PDPU14WGNEBC	55	22	5	1	
<b>7/8-14UNF</b>	2A	PDPU14QGNEBC	55	16	5	1	
<b>1 -8UNC</b>	2A	PDPU16XGNEBC	55	22	5	1	
<b>1 -12UNF</b>	2A	PDPU16SGNEBC	55	16	5	1	
For G Threads							
<b>G1/8-28</b>	-	PVHG0020NEBC	30	11	4	1	●
<b>G1/4-19</b>	-	PVJG0040NEBC	38	10	5	1	●
<b>G3/8-19</b>	-	PVLG0060NEBC	45	14	5	1	●
<b>G1/2-14</b>	-	PVLG0080NEBC	45	16	5	1	●
<b>G5/8-14</b>	-	PVPG0100NEBC	55	16	5	1	
<b>G3/4-14</b>	-	PVPG0120NEBC	55	16	6	1	●
<b>G7/8-14</b>	-	PVSG0140NEBC	65	18	6	2	
<b>G1-11</b>	-	PVSG0160NEBC	65	18	8	2	●
<b>G1 1/4-11</b>	-	PVUG0200NEBC	75	20	8	2	
<b>G1 1/2-11</b>	-	PVXG0240NEBC	90	22	8	2	

Size	Class	Code	D (mm)	T (mm)	lg (mm)	Clearance Holes	Type	Stock
For NPT Threads								
<b>NPT1/8-27</b>	-	PDJNT020NEBC	38	10	5	4	3	
<b>NPT1/4-18</b>	-	PDJNT040NEBC	38	15	8	5	3	
<b>NPT3/8-18</b>	-	PDLNT060NEBC	45	15	8	5	3	
<b>NPT1/2-14</b>	-	PDLNT080NEBC	45	19	10	6	3	
<b>NPT3/4-14</b>	-	PDSNT120NEBC	65	20	10	6	4	
<b>NPT1 -11.5</b>	-	PDSNT160NEBC	65	25	12.5	8	4	

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