

TECHNICAL DATA | POWER DRILL |

PDS Series

Work Material			Mild Steels Alloy Steels, Carbon Steels		Alloy Steels Forged Steels		High Hardened Steels		Stainless Steels		Cast Iron-Ductile		Cast Iron	
Strength			≤ 25 HRc		25 ~ 35 HRc		35 ~ 45 HRc		-		-		-	
Type	Cutting Diameter	Code	V (m/min)	f (mm/rev)	V (m/min)	f (mm/rev)	V (m/min)	f (mm/rev)	V (m/min)	f (mm/rev)	V (m/min)	f (mm/rev)	V (m/min)	f (mm/rev)
Solid Type	Ø3~5	PDS030-050	40~70	0.15~0.25	35~55	0.10~0.20	15~25	0.05~0.15	15~25	0.05~0.15	35~70	0.15~0.25	45~75	0.15~0.30
Solid Type	Ø5~8	PDS051-080	50~75	0.20~0.30	45~60	0.15~0.25	15~30	0.10~0.20	15~30	0.10~0.20	45~75	0.20~0.35	55~85	0.20~0.40
Solid Type	Ø8~10	PDS081-100	50~75	0.25~0.35	45~60	0.15~0.30	20~35	0.10~0.20	15~30	0.10~0.20	45~75	0.25~0.40	55~85	0.20~0.40
Solid Type	Ø10~12	PDS101-120	50~75	0.25~0.35	45~60	0.15~0.30	20~35	0.10~0.25	15~30	0.10~0.25	45~75	0.25~0.40	55~85	0.20~0.45
Solid Type	Ø12~14	PDS121-140	55~80	0.25~0.40	50~70	0.20~0.35	20~35	0.10~0.25	15~30	0.10~0.25	50~80	0.25~0.45	60~90	0.25~0.50
Solid Type	Ø14~20	PDS141-200	55~80	0.30~0.45	50~70	0.20~0.35	20~35	0.10~0.30	15~30	0.10~0.25	50~80	0.25~0.50	60~100	0.25~0.55

PDM Series

Work Material			Mild Steels Alloy Steels, Carbon Steels		Alloy Steels Forged Steels		High Hardened Steels		Stainless Steels		Cast Iron-Ductile		Cast Iron	
Strength			≤ 25 HRc		25 ~ 35 HRc		35 ~ 45 HRc		-		-		-	
Type	Cutting Diameter	Code	V (m/min)	f (mm/rev)	V (m/min)	f (mm/rev)	V (m/min)	f (mm/rev)	V (m/min)	f (mm/rev)	V (m/min)	f (mm/rev)	V (m/min)	f (mm/rev)
Solid Type	Ø3~5	PDM030-050	40~70	0.15~0.25	35~55	0.10~0.20	15~25	0.05~0.15	15~25	0.05~0.15	35~70	0.15~0.25	45~75	0.15~0.30
Solid Type	Ø5~8	PDM051-080	50~75	0.20~0.30	45~60	0.15~0.25	15~30	0.10~0.20	15~30	0.10~0.20	45~75	0.20~0.35	55~85	0.20~0.40
Solid Type	Ø8~10	PDM081-100	50~75	0.25~0.35	45~60	0.15~0.30	20~35	0.10~0.20	15~30	0.10~0.20	45~75	0.25~0.40	55~85	0.20~0.40
Solid Type	Ø10~12	PDM101-120	50~75	0.25~0.35	45~60	0.15~0.30	20~35	0.10~0.25	15~30	0.10~0.25	45~75	0.25~0.40	55~85	0.20~0.45
Solid Type	Ø12~14	PDM121-140	55~80	0.25~0.40	50~70	0.20~0.35	20~35	0.10~0.25	15~30	0.10~0.25	50~80	0.25~0.45	60~90	0.25~0.50
Solid Type	Ø14~20	PDM141-200	55~80	0.30~0.45	50~70	0.20~0.35	20~35	0.10~0.30	15~30	0.10~0.25	50~80	0.25~0.50	60~100	0.25~0.55