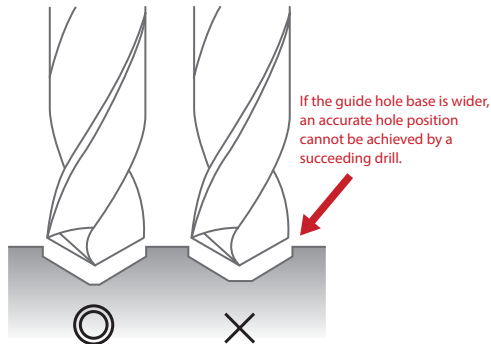


# ADPF30/ADPN30

## Features

- ADP series have specialized drill point geometry for making microdiameter guide holes.
- Thinning on these drills from  $\varnothing 0.3\text{mm}$  to  $0.95\text{mm}$  ensures greater positioning accuracy.
- The small chisel edge width over  $\varnothing 1\text{mm}$  achieves a narrower guide hole base than the core thickness of a succeeding drill.



## Uses & Advantages

- These drills can be used for drilling workpieces that require a precise hole position and hole diameter tolerance.
- These drills are suitable for drilling microdiameter perforation holes with strict pitch accuracy.
- Accurate guide holes not only prevent off-angle holes by a succeeding drill but also prevent a succeeding drill from damaging and chipping.

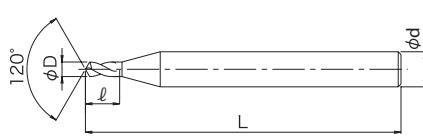
## Pointing Drill Selection Table

Point Angle	Material	Model	Shank Dia.
120°	For Ferrous Materials	ADPF30	$\varnothing 3$
	For Non-Ferrous Materials	ADPN30	$\varnothing 3$

# GUIDE HOLE DRILLS

Guide Hole Drill, For Ferrous

## ADPF30



ØD Tolerance:

-0.005 / -0.01 mm (0.03 ≤ D ≤ 0.09 mm)

-0.01 / -0.015 mm (0.1 ≤ D ≤ 3 mm)

PRODUCT NUMBER	ØD		ℓ		L	d	Price USD
	mm	inch	mm	inch			
ADPF30-0003	0.03	0.0012	0.06	0.002	38	3	229.60
ADPF30-0004	0.04	0.0016	0.08	0.003	38	3	199.00
ADPF30-0005	0.05	0.0020	0.1	0.004	38	3	174.20
ADPF30-0006	0.06	0.0024	0.1	0.004	38	3	147.40
ADPF30-0007	0.07	0.0028	0.1	0.004	38	3	115.50
ADPF30-0008	0.08	0.0031	0.1	0.004	38	3	103.40
ADPF30-0009	0.09	0.0035	0.1	0.004	38	3	88.70
ADPF30-0010	0.10	0.0039	0.2	0.008	38	3	80.40
ADPF30-0011	0.11	0.0043	0.2	0.008	38	3	88.10
ADPF30-0012	0.12	0.0047	0.2	0.008	38	3	88.10
ADPF30-0013	0.13	0.0051	0.2	0.008	38	3	88.10
ADPF30-0014	0.14	0.0055	0.2	0.008	38	3	88.10
ADPF30-0015	0.15	0.0059	0.2	0.008	38	3	81.40
ADPF30-0016	0.16	0.0063	0.3	0.012	38	3	88.10
ADPF30-0017	0.17	0.0067	0.3	0.012	38	3	88.10
ADPF30-0018	0.18	0.0071	0.3	0.012	38	3	88.10
ADPF30-0019	0.19	0.0075	0.3	0.012	38	3	88.10
ADPF30-0020	0.20	0.0079	0.4	0.016	38	3	73.40
ADPF30-0021	0.21	0.0083	0.4	0.016	38	3	80.40
ADPF30-0022	0.22	0.0087	0.4	0.016	38	3	80.40
ADPF30-0023	0.23	0.0091	0.4	0.016	38	3	80.40
ADPF30-0024	0.24	0.0094	0.4	0.016	38	3	80.40
ADPF30-0025	0.25	0.0098	0.4	0.016	38	3	72.40
ADPF30-0026	0.26	0.0102	0.5	0.020	38	3	80.40
ADPF30-0027	0.27	0.0106	0.5	0.020	38	3	80.40
ADPF30-0028	0.28	0.0110	0.5	0.020	38	3	80.40
ADPF30-0029	0.29	0.0114	0.5	0.020	38	3	80.40
ADPF30-0030	0.30	0.0118	0.6	0.024	38	3	64.50
ADPF30-0035	0.35	0.0138	0.6	0.024	38	3	64.50
ADPF30-0040	0.40	0.0157	0.6	0.024	38	3	64.50
ADPF30-0045	0.45	0.0177	0.6	0.024	38	3	64.50

PRODUCT NUMBER	ØD		ℓ		L	d	Price USD
	mm	inch	mm	inch			
ADPF30-0050	0.50	0.0197	1	0.039	38	3	64.50
ADPF30-0055	0.55	0.0217	1	0.039	38	3	64.50
ADPF30-0060	0.60	0.0236	1	0.039	38	3	64.50
ADPF30-0065	0.65	0.0256	1	0.039	38	3	64.50
ADPF30-0070	0.70	0.0276	1.2	0.047	38	3	64.50
ADPF30-0075	0.75	0.0295	1.2	0.047	38	3	64.50
ADPF30-0080	0.80	0.0315	1.2	0.047	38	3	64.50
ADPF30-0085	0.85	0.0335	1.2	0.047	38	3	64.50
ADPF30-0090	0.90	0.0354	1.8	0.071	38	3	64.50
ADPF30-0095	0.95	0.0374	1.8	0.071	38	3	64.50
ADPF30-0100	1.00	0.0394	2	0.079	38	3	64.50
ADPF30-0110	1.10	0.0433	2	0.079	38	3	64.50
ADPF30-0120	1.20	0.0472	2	0.079	38	3	64.50
ADPF30-0130	1.30	0.0512	3	0.118	38	3	64.50
ADPF30-0140	1.40	0.0551	3	0.118	38	3	64.50
ADPF30-0150	1.50	0.0591	3	0.118	38	3	64.50
ADPF30-0160	1.60	0.0630	3	0.118	38	3	64.50
ADPF30-0170	1.70	0.0669	3	0.118	38	3	64.50
ADPF30-0180	1.80	0.0709	4	0.157	38	3	64.50
ADPF30-0190	1.90	0.0748	4	0.157	38	3	64.50
ADPF30-0200	2.00	0.0787	4	0.157	38	3	64.50
ADPF30-0210	2.10	0.0827	4	0.157	38	3	64.50
ADPF30-0220	2.20	0.0866	4	0.157	38	3	64.50
ADPF30-0230	2.30	0.0906	5	0.197	38	3	64.50
ADPF30-0240	2.40	0.0945	5	0.197	38	3	64.50
ADPF30-0250	2.50	0.0984	5	0.197	38	3	64.50
ADPF30-0260	2.60	0.1024	5	0.197	38	3	64.50
ADPF30-0270	2.70	0.1063	5	0.197	38	3	64.50
ADPF30-0280	2.80	0.1102	5	0.197	38	3	64.50
ADPF30-0290	2.90	0.1142	5	0.197	38	3	64.50
ADPF30-0300	3.00	0.1181	5	0.197	38	3	64.50

Carbon Steels	Alloy Steels	Prehardened Steels	Stainless Steels	Cast Iron	Aluminum Alloys	Copper Alloys	Nickel Alloys	Titanium Alloys	Hardened Steels	Resin
		Tool Steels							~50 HRC	
⊙	⊙	⊙	⊙	⊙				⊙	⊙	

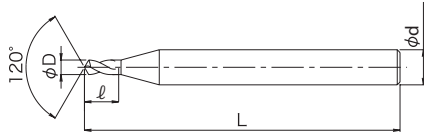
⊙ Best ○ Good △ OK

## Guide Hole Drill, For Non-Ferrous

# ADPN30



ØD Tolerance:  
 -0.005 / -0.01 mm (0.03 ≤ D ≤ 0.09 mm)  
 -0.01 / -0.015 mm (0.1 ≤ D ≤ 3 mm)



PRODUCT NUMBER	ØD		ℓ		L	d	Price USD
	mm	inch	mm	inch			
ADPN30-0003	0.03	0.0012	0.06	0.002	38	3	229.60
ADPN30-0004	0.04	0.0016	0.08	0.003	38	3	199.00
ADPN30-0005	0.05	0.0020	0.10	0.004	38	3	174.20
ADPN30-0006	0.06	0.0024	0.10	0.004	38	3	147.40
ADPN30-0007	0.07	0.0028	0.10	0.004	38	3	115.50
ADPN30-0008	0.08	0.0031	0.10	0.004	38	3	103.40
ADPN30-0009	0.09	0.0035	0.10	0.004	38	3	88.70
ADPN30-0010	0.10	0.0039	0.20	0.008	38	3	80.40
ADPN30-0011	0.11	0.0043	0.20	0.008	38	3	88.10
ADPN30-0012	0.12	0.0047	0.20	0.008	38	3	88.10
ADPN30-0013	0.13	0.0051	0.20	0.008	38	3	88.10
ADPN30-0014	0.14	0.0055	0.20	0.008	38	3	88.10
ADPN30-0015	0.15	0.0059	0.20	0.008	38	3	81.40
ADPN30-0016	0.16	0.0063	0.30	0.012	38	3	88.10
ADPN30-0017	0.17	0.0067	0.30	0.012	38	3	88.10
ADPN30-0018	0.18	0.0071	0.30	0.012	38	3	88.10
ADPN30-0019	0.19	0.0075	0.30	0.012	38	3	88.10
ADPN30-0020	0.20	0.0079	0.40	0.016	38	3	73.40
ADPN30-0021	0.21	0.0083	0.40	0.016	38	3	80.40
ADPN30-0022	0.22	0.0087	0.40	0.016	38	3	80.40
ADPN30-0023	0.23	0.0091	0.40	0.016	38	3	80.40
ADPN30-0024	0.24	0.0094	0.40	0.016	38	3	80.40
ADPN30-0025	0.25	0.0098	0.40	0.016	38	3	72.40
ADPN30-0026	0.26	0.0102	0.50	0.020	38	3	80.40
ADPN30-0027	0.27	0.0106	0.50	0.020	38	3	80.40
ADPN30-0028	0.28	0.0110	0.50	0.020	38	3	80.40
ADPN30-0029	0.29	0.0114	0.50	0.020	38	3	80.40
ADPN30-0030	0.30	0.0118	0.60	0.024	38	3	64.50
ADPN30-0035	0.35	0.0138	0.60	0.024	38	3	64.50
ADPN30-0040	0.40	0.0157	0.60	0.024	38	3	64.50
ADPN30-0045	0.45	0.0177	0.60	0.024	38	3	64.50

PRODUCT NUMBER	ØD		ℓ		L	d	Price USD
	mm	inch	mm	inch			
ADPN30-0050	0.50	0.0197	1.00	0.039	38	3	64.50
ADPN30-0055	0.55	0.0217	1.00	0.039	38	3	64.50
ADPN30-0060	0.60	0.0236	1.00	0.039	38	3	64.50
ADPN30-0065	0.65	0.0256	1.00	0.039	38	3	64.50
ADPN30-0070	0.70	0.0276	1.20	0.047	38	3	64.50
ADPN30-0075	0.75	0.0295	1.20	0.047	38	3	64.50
ADPN30-0080	0.80	0.0315	1.20	0.047	38	3	64.50
ADPN30-0085	0.85	0.0335	1.20	0.047	38	3	64.50
ADPN30-0090	0.90	0.0354	1.80	0.071	38	3	64.50
ADPN30-0095	0.95	0.0374	1.80	0.071	38	3	64.50
ADPN30-0100	1.00	0.0394	2	0.079	38	3	64.50
ADPN30-0110	1.10	0.0433	2	0.079	38	3	64.50
ADPN30-0120	1.20	0.0472	2	0.079	38	3	64.50
ADPN30-0120	1.30	0.0512	3	0.118	38	3	64.50
ADPN30-0140	1.40	0.0551	3	0.118	38	3	64.50
ADPN30-0150	1.50	0.0591	3	0.118	38	3	64.50
ADPN30-0160	1.60	0.0630	3	0.118	38	3	64.50
ADPN30-0170	1.70	0.0669	3	0.118	38	3	64.50
ADPN30-0180	1.80	0.0709	4	0.157	38	3	64.50
ADPN30-0190	1.90	0.0748	4	0.157	38	3	64.50
ADPN30-0200	2.00	0.0787	4	0.157	38	3	64.50
ADPN30-0210	2.10	0.0827	4	0.157	38	3	64.50
ADPN30-0220	2.20	0.0866	4	0.157	38	3	64.50
ADPN30-0230	2.30	0.0906	5	0.197	38	3	64.50
ADPN30-0240	2.40	0.0945	5	0.197	38	3	64.50
ADPN30-0250	2.50	0.0984	5	0.197	38	3	64.50
ADPN30-0260	2.60	0.1024	5	0.197	38	3	64.50
ADPN30-0270	2.70	0.1063	5	0.197	38	3	64.50
ADPN30-0280	2.80	0.1102	5	0.197	38	3	64.50
ADPN30-0290	2.90	0.1142	5	0.197	38	3	64.50
ADPN30-0300	3.00	0.1181	5	0.197	38	3	64.50

Carbon Steels	Alloy Steels	Prehardened Steels	Stainless Steels	Cast Iron	Aluminum Alloys	Copper Alloys	Nickel Alloys	Titanium Alloys	Hardened Steels	Resin
		Tool Steels							Die Steels	
		30~38 HRC								
					⊙	⊙				⊙

⊙ Best ○ Good △ OK