

ดอกสว่านไฮสปีดเจาะเหล็กก้านกลม Drills Reduced Shank



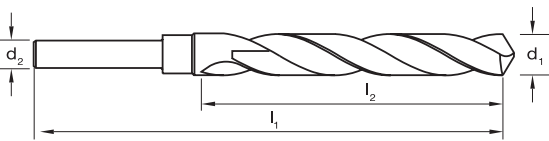
D120



D188



- General purpose drill with reduced shank
- Standard point geometry
- Designed for machine and hand held drilling
- Overall and flute lengths do not include drill point



Catalogue Code	D120	D188
Discount Group	A0906	A0906
Material	HSS	HSS
Surface Finish	Blu	Blu
Sutton Designation	N	N
Geometry	R30	R30
Point Type	118° Standard	118° Standard
Shank Tolerance	10mm	12.5mm

Size Ref.	d ₁ (h8)		l ₁	l ₂	Order No.	Order No.
1310	13.10	33/64	152	86		D188 1310
1349	13.49	17/32	152	86		D188 1349
1350	13.5		152	86		D188 1350
1389	13.89	35/64	152	86		D188 1389
1400	14.0		152	86		D188 1400
1429	14.29	9/16	152	86	D120 1429	D188 1429
1450	14.5		152	86		D188 1450
1468	14.68	37/64	152	86		D188 1468
1500	15.0		152	86		D188 1500
1508	15.08	19/32	152	86		D188 1508
1548	15.48	39/64	152	86		D188 1548
1550	15.5		152	86		D188 1550
1588	15.87	5/8	152	86	D120 1588	D188 1588
1600	16.0		152	86		D188 1600
1627	16.27	41/64	152	86		D188 1627
1650	16.5		152	86		D188 1650
1667	16.67	21/32	152	86		D188 1667
1700	17.0		152	86		D188 1700
1707	17.06	43/64	152	86		D188 1707
1746	17.46	11/16	152	86		D188 1746
1786	17.86	45/64	152	86		D188 1786
1750	17.5		152	86		D188 1750
1826	18.26	23/32	152	86		D188 1826
1865	18.65	47/64	152	86		D188 1865
1800	18.0		152	86		D188 1800
1850	18.5		152	86		D188 1850
1900	19.0		152	86		D188 1900
1905	19.05	3/4	152	86	D120 1905	D188 1905
1945	19.45	49/64	152	86		D188 1945
1950	19.5		152	86		D188 1950
1984	19.84	25/32	152	86		D188 1984
2000	20.0		152	86		D188 2000
2024	20.24	51/64	152	86		D188 2024
2050	20.5		152	86		D188 2050
2064	20.64	13/16	152	86		D188 2064
2100	21.0		152	86		D188 2100
2143	21.43	27/32	152	86		D188 2143
2150	21.5		152	86		D188 2150
2200	22.0		152	86		D188 2200

ISO		P						M						K						N						S						H																						
VDI 3323	1	2	3	4	5	6	7	8	9	10	11	12	13	14	14.1	14.2	14.3	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	37.1	37.2	37.3	37.4	37.5	38	38.1	38.2	39	39.1	39.2	40	41	
D120	●	●	●	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○

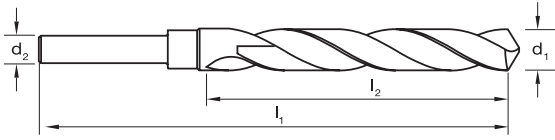
P Steel
 M Stainless Steel
 K Cast Iron
 N Non-Ferrous Metals
 S Titanium & Super Alloys
 H Hard Materials
 ● Optimal ○ Effective

* Available on request as special manufacture. Subject to lead time.

DRILLS

ดอกสว่าน

suttontools



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Carbide Drills

ดอกสว่านคาร์ไบด์

HSS Drills
ดอกสว่านไฮสปีด

Stub / Standard
ตัวสั้น / มาตรฐาน

Long
ตัวยาว

Micro Drill
ดอกสว่านไมโคร

Z Plunging

Step Borer

Size Ref.	d ₁ (h8)		L ₁	L ₂	Order No.	Order No.
2223	22.22	7/8	152	86		D188 2223
2250	22.5		152	86		D188 2250
2262	22.62	57/64	152	86		D188 2262
2300	23.0		152	86		D188 2300
2302	23.02	29/32	152	86		D188 2302
2342*	23.41	59/64	152	86		D188 2342
2350	23.5		152	86		D188 2350
2381	23.81	15/16	152	86		D188 2381
2400	24.0		152	86		D188 2400
2421*	24.21	61/64	152	86		D188 2421
2450	24.5		152	86		D188 2450
2461	24.61	31/32	152	86		D188 2461
2500	25.0		152	86		D188 2500
2540	25.40	1	152	86		D188 2540
2600	26.0		152	86		D188 2600
2699	26.99	1-1/16	152	86		D188 2699
2800	28.0		152	86		D188 2800
2858	28.57	1-1/8	152	86		D188 2858
3000	30.0		152	86		D188 3000
3016	30.16	1-3/16	152	86		D188 3016
3175	31.75	1-1/4	152	86		D188 3175

* Not available once current stock is depleted

ISO	P												M			K					N										S							H																
VDI3323	1	2	3	4	5	6	7	8	9	10	11	12	13	14.1	14.2	14.3	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37.1	37.2	37.3	37.4	37.5	38.1	38.2	39.1	39.2	40	41					
D120	●	●	●	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○

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