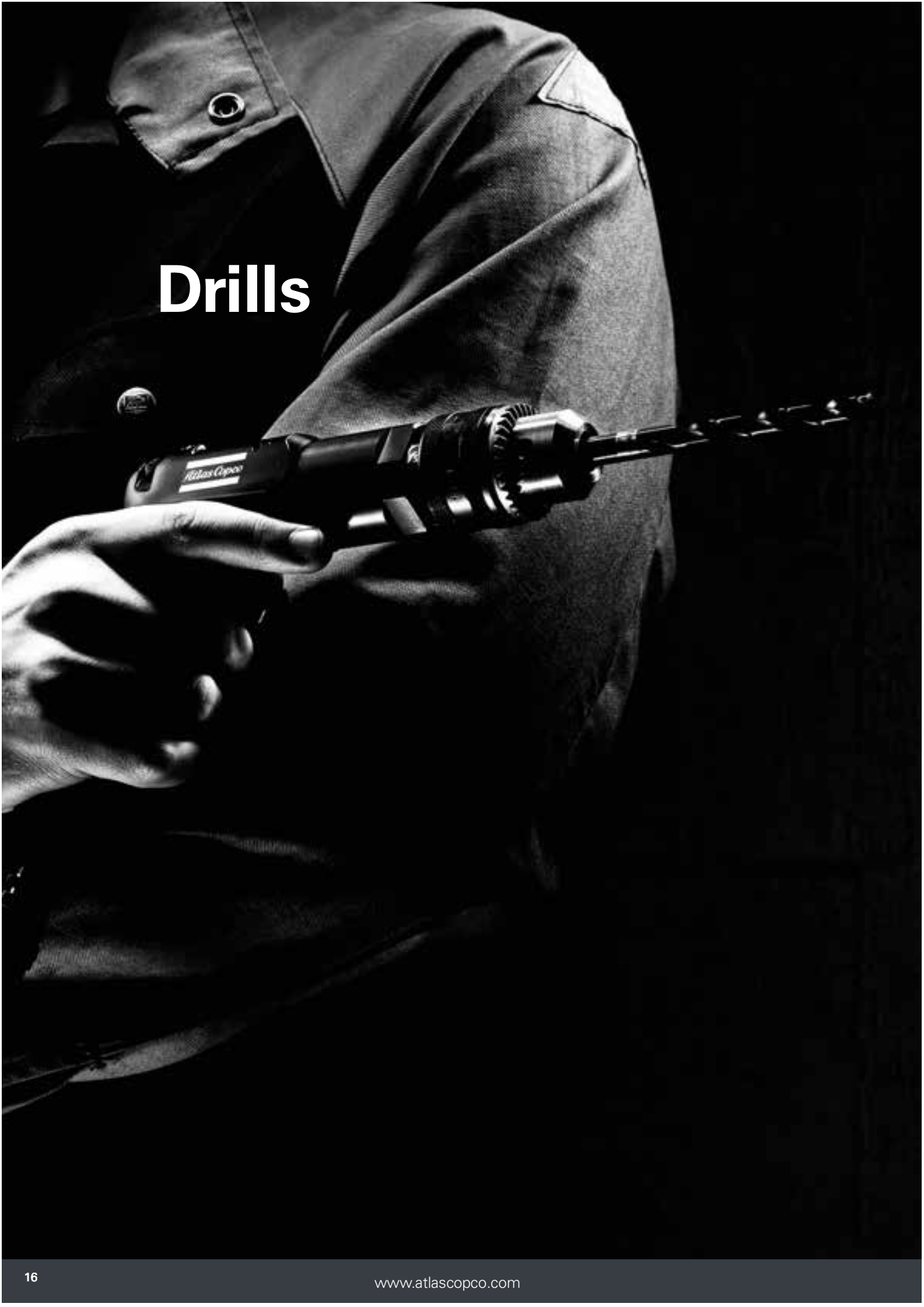


# Drills



# Superior hole quality!

- Well balanced and ergonomic
- High spindle accuracy
- Soft-start throttle
- Silent
- Air exhaust through handle
- Oil-free
- Available with key or quick chuck



## Selection guide

Model	r/min	Drill dim. / mm	Mild steel 20–30 m/min	Alloy steel 5–15 m/min	Cast iron 15–20 m/min	Aluminum & bronze 50–80 m/min	Wood and board 80–150 m/min	Composite 50–100 m/min
D2112	5,400	Drill dim. / mm	1.0–2.0	-	-	2.5–5.0	4.0–8.0 <sup>a</sup>	1.0–5.0
D2116/D2160	2,400		2.5–6.0	1.0–3.0	2.0–4.0	8.0–13.0 <sup>a</sup>	8.0–13.0 <sup>a</sup>	-
D2163	2,000		2.5–6.0	1.0–3.0	2.0–4.0	8.0–13.0 <sup>a</sup>	8.0–13.0 <sup>a</sup>	-
D2121	750		8.0–13.0	3.0–8.0	7.0–13.0	-	-	-
D2148-R	750		8.0–13.0	3.0–8.0	7.0–13.0	-	-	-

a) Drill size larger than standard chuck capacity.

# Drills



D2121/D2121Q

## D21-Series

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**PRO** drills are all-metal and designed with operator comfort in mind. They come in three different versions, pistol grip, straight grip and angle grip.

They are available with key chuck or quick change chuck.



D2112/D2116



D2163



D2112Q/D2116Q



D2160Q

Model	Max free speed r/min	Max output kw	Chuck capacity mm	Weight kg	Air cons. at max output l/s	Rec. hose size mm	Air inlet thread BSP	Drill type handle				Chuck type		Ordering No.
								Pistol	Straight	Angle	Reversible	Key	Quick	
D2112	5400	350	0-6.5	1	10	10	1/4"	●	-	-	-	●	-	8421 0405 05
D2112Q	5400	350	1.5-10	1	10	10	1/4"	●	-	-	●	-	●	8421 0405 10
D2116	2400	350	1.5-10	1	10	10	1/4"	●	-	-	-	●	-	8421 0405 13
D2116Q	2400	350	1.5-10	1	10	10	1/4"	●	-	-	-	-	●	8421 0405 15
D2116-R	2400	350	1.5-10	1	10	10	1/4"	●	-	-	●	●	-	8421 0405 16
D2116-RQ	2400	350	1.5-10	1	10	10	1/4"	●	-	-	●	-	●	8421 0405 17
D2121	750	350	2-13	1.4	10	10	1/4"	●	-	-	-	●	-	8421 0405 21
D2121Q	750	350	1.5-13	1.4	10	10	1/4"	●	-	-	-	-	●	8421 0405 25
D2148-R	750	250	2-13	1.5	10	10	1/4"	●	-	-	●	●	-	8421 0407 03
D2148-RQ	750	250	1.5-13	1.5	10	10	1/4"	●	-	-	●	-	●	8421 0407 05
D2160	2400	460	1.5-10	0.9	11	10	1/4"	-	●	-	-	●	-	8421 0410 16
D2160-Q	2400	460	1.5-10	0.9	11	10	1/4"	-	●	-	-	-	●	8421 0410 20
D2163	2000	330	1.5-10	1.1	9	10	1/4"	-	-	●	-	●	-	8421 0410 08
D2163-Q	2000	330	1.5-10	1.1	9	10	1/4"	-	-	●	-	-	●	8421 0410 15

## Accessories

	Ordering No.
1–6.5 mm chuck capacity (standard with D2112)	4021 0444 00
1.5–10 mm chuck capacity (standard with D2116, D2163)	4021 0446 00
2–13 mm chuck capacity (standard with D2121, D2148-R)	4021 0447 00
1–10 mm keyless chuck (standard with D2112Q, D2116Q)	4021 0497 00
1.5–13 mm keyless chuck (standard with D2121Q, D2148-RQ)	4021 0496 00
Quick-change chuck for 1/4" bits mount 3/8"-24 UNF	4021 0443 00
Exhaust air hose ( D2112, D2116, D2121)	4210 2053 00
Exhaust air hose (2148-R)	4210 2929 00
Exhaust air hose (D2163, D2163)	4150 1077 80
Support handle (D2163)	4110 1355 85
Support handle (D2160)	4110 1355 81

## Productivity Kit

Model	Economical air flow	Hose, 5 m	Coupling	Lubrication	Ordering No.
<b>For drills and nutrunners with 1/4" BSP air inlet</b>					
MIDI Optimizer F/RD EQ10-C13-1/4"	21 l/s	Cablair 13 mm	ErgoQIC 10	Yes	8202 0850 11