



**Safe and versatile.
Practical and easy to handle.
Effective and powerful.
To guarantee the maximum.**

30F air drills

- Stright, pistol, angle models
- Modular models
- Power: 300 Watt
- Drill capacity: 1 ÷ 20 mm in Ø

Fiam[®]
PEOPLE AND SOLUTIONS

Air drills

STRAIGHT MODELS



- Drill capacity 1 ÷ 10 mm in Ø
- Free speed: 600 ÷ 22,000 rpm
- Watt: 130 ÷ 400 Watt
- Type: Self-locking chuck, keyed chuck, without chuck, with collet chuck

- Effective and with favourable power-to-weight ratio
- Ideal for drilling on horizontal surfaces
- Collet-type models for holding the accessory
- Quiet and compact
- Insulated non-slip grips
- Lever start, even at low speeds to help with seating the bit (for FZ,FY models)

The **30F models**, specific for the aerospace sector, are equipped with motors and epicyclic reduction gears that ensure effective performance even in heavy working conditions, as well as with sub-optimal supply pressures. Consumption is also optimised thanks to the latest generation air motor.

The 30F ergonomic drills can drill holes quickly, aided by **soft start**, and the design offers extremely compact dimensions and low weights.



Exhaust CAN BE REDIRECTED AT WILL: with the rotating device, the exhaust air can be vented away from the operator based on the position the drill is being used in.

MODEL	CODE	STARTING SYSTEM		CHUCK TYPE	CHUCK CAPACITY	POWER	FREE SPEED	COMPRESSED AIR CONSUMPTION		WEIGHT	DIMENSIONS (mm)
					mm	Watt	RPM	l/s	Kg	lb	ØxL
30F2200DC	124611130	🔑	2	Keyed chuck	0÷6	300	22000	8,5	0,58	1.27	35x190
30F620DA	124611141	🔑	2	Self-locking chuck	0÷8	300	6200	8,5	0,74	1.62	35x220
30F620DC	124611131	🔑	2	Keyed chuck	0÷8	300	6200	8,5	0,60	1.32	35x205
30F620D	124610101	🔑	2	Without chuck	0÷8	300	6200	8,5	0,47	1.03	35x175
30F420DA	124611142	🔑	2	Self-locking chuck	0÷8	300	4200	8,5	0,74	1.62	35x220
30F420DC	124611132	🔑	2	Keyed chuck	0÷8	300	4200	8,5	0,60	1.32	35x205
30F420D	124610102	🔑	2	Without chuck	0÷8	300	4200	8,5	0,47	1.03	35x175
30F300DA	124611143	🔑	2	Self-locking chuck	0÷8	300	3000	8,5	0,74	1.62	35x220
30F300DC	124611133	🔑	2	Keyed chuck	0÷8	300	3000	8,5	0,60	1.32	35x205
30F300D	124610103	🔑	2	Without chuck	0÷8	300	3000	8,5	0,47	1.03	35x175
30F200DA	124611144	🔑	2	Self-locking chuck	1÷10	300	2000	8,5	0,88	1.93	35x248
30F200DC	124611134	🔑	2	Keyed chuck	1÷10	300	2000	8,5	0,75	1.65	35x226
30F200D	124610104	🔑	2	Without chuck	1÷10	300	2000	8,5	0,53	1.16	35x190
30F120DA	124611145	🔑	2	Self-locking chuck	1÷10	300	1200	8,5	0,88	1.93	35x248
30F120DC	124611135	🔑	2	Keyed chuck	1÷10	300	1200	8,5	0,75	1.65	35x226
30F120D	124610105	🔑	2	Without chuck	1÷10	300	1200	8,5	0,53	1.16	35x190
30F60DA	124611147	🔑	2	Self-locking chuck	1÷10	300	600	8,5	0,88	1.93	35x248
30F60DC	124611137	🔑	2	Keyed chuck	1÷10	300	600	8,5	0,75	1.65	35x226
30F60D	124610107	🔑	2	Without chuck	1÷10	300	600	8,5	0,53	1.16	35x190
FZ45A	122309009	🔑		Self-locking chuck	0÷4	130	4500	6	0,48	1.05	32x185
FZ45C	122311145	🔑		Keyed chuck	0÷4	130	4500	6	0,43	0.94	32x178
FZ45	122309007	🔑	1	Without chuck	0÷4*	130	4500	6	0,35	0.77	32x153
FY8A	126311118	🔑		Self-locking chuck	1÷10	400	2600	11	1,33	2.92	46x270
FY8C	126309024	🔑		Keyed chuck	1÷10	400	2600	11	1,19	2.62	46x250
FY8	126309026	🔑	3	Without chuck	1÷10*	400	2600	11	0,97	2.13	46x213
FY10A	126311110	🔑		Self-locking chuck	1÷10	400	1800	11	1,33	2.92	46x270
FY10C	126309078	🔑		Keyed chuck	1÷10	400	1800	11	1,19	2.62	46x250
FY10	126309023	🔑	3	Without chuck	1÷10*	400	1800	11	0,97	2.13	46x213

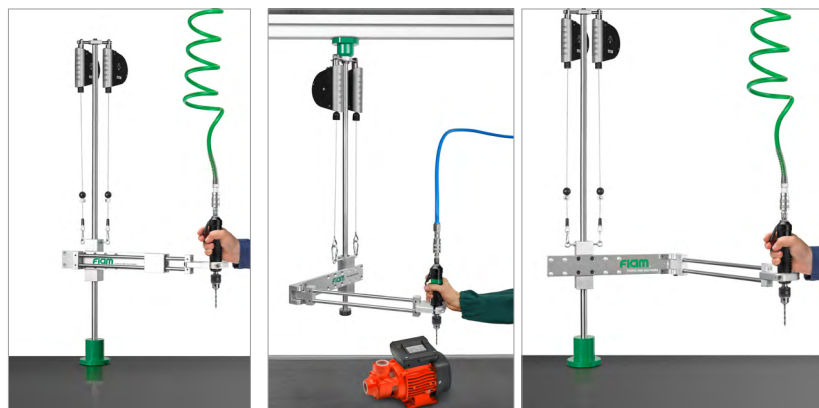
30F, FZ, FY...A = Self-locking chuck

30F, FZ, FY...C = Keyed chuck

30F, D, FZ, FY... = Models without chuck

* **Chuck capacity:** The capacity given is the maximum recommended.

OUTPUT SHAFT: 1: J 0 taper - 2: Threaded 3/8" x 24 UNF. - 3: Threaded 1/2" x 20 UNF.



**Accessories?
You can find
them here.**



Air drills

PISTOL MODELS





















































- Drill capacity 1÷13 mm in Ø
- Free speed: 600 ÷ 22,000 rpm
- Watt: 130 ÷ 400 Watt
- Type: Self-locking chuck, keyed chuck, without chuck, with collet chuck

- Effective and with favourable power-to-weight ratio
- Ideal for drilling on vertical surfaces
- Collet-type models for holding the accessory
- Quiet and compact
- Insulated non-slip grips
- Geometries designed to guide the bit accurately and safely to avoid harmful flexing of the wrist
- The pistol grip is always the best option for holes greater than 6-8 mm in diameter because it is better suited to applying the right driving force

The **30F models**, specific for the aerospace sector, are equipped with motors and epicyclic reduction gears that ensure effective performance even in heavy working conditions, as well as with sub-optimal supply pressures. Consumption is also optimised thanks to the latest generation air motor.



The 30F ergonomic drills can drill holes quickly, aided by **soft start**, and the design offers extremely compact dimensions and low weights.

MODEL	CODE	STARTING SYSTEM		CHUCK TYPE	CHUCK TYPE	POWER	FREE SPEED	COMPRESSED AIR CONSUMPTION		WEIGHT	DIMENSIONS (mm)
					mm	Watt	RPM	l/s	Kg	lb	ØxLxH
30F2200PC	124611570		2	Keyed chuck	0÷6	300	22000	8,8	0,80	1.76	35x200x155
30F620PA	124611581		2	Self-locking chuck	0÷8	300	6200	8,8	0,97	2.14	35x225x155
30F620PC	124611571		2	Keyed chuck	0÷8	300	6200	8,8	0,83	1.83	35x210x155
30F620P	124610561		2	Without chuck	0÷8	300	6200	8,8	0,70	1.54	35x180x155
30F420PA	124611582		2	Self-locking chuck	0÷8	300	4200	8,8	0,97	2.14	35x225x155
30F420PC	124611572		2	Keyed chuck	0÷8	300	4200	8,8	0,83	1.83	35x210x155
30F420P	124610562		2	Without chuck	0÷8	300	4200	8,8	0,70	1.54	35x180x155
30F300PA	124611583		2	Self-locking chuck	0÷8	300	3000	8,8	0,97	2.14	35x225x155
30F300PC	124611573		2	Keyed chuck	0÷8	300	3000	8,8	0,83	1.83	35x210x155
30F300P	124610563		2	Without chuck	0÷8	300	3000	8,8	0,70	1.54	35x180x155
30F200PA	124611584		2	Self-locking chuck	1÷10	300	2000	8,8	1,10	2.43	35x250x155
30F200PC	124611574		2	Keyed chuck	1÷10	300	2000	8,8	0,97	2.14	35x230x155
30F200P	124610564		2	Without chuck	1÷10	300	2000	8,8	0,75	1.65	35x193x155
30F120PA	124611585		2	Self-locking chuck	1÷10	300	1200	8,8	1,10	2.43	35x250x155
30F120PC	124611575		2	Keyed chuck	1÷10	300	1200	8,8	0,97	2.14	35x230x155
30F120P	124610565		2	Without chuck	1÷10	300	1200	8,8	0,75	1.65	35x193x155
30F60PA	124611587		2	Self-locking chuck	1÷10	300	600	8,8	1,10	2.43	35x250x155
30F60PC	124611577		2	Keyed chuck	1÷10	300	600	8,8	0,97	2.14	35x230x155
30F60P	124610567		2	Without chuck	1÷10	300	600	8,8	0,75	1.65	35x193x155
FDE60PA	124611550			Self-locking chuck	1÷10	280	6000	10	1,08	2.37	38x223x155
FDE60PC	124611560			Keyed chuck	1÷10	280	6000	10	0,94	2.07	38x200x155
FDE60P	124610550		1	Without chuck	1÷10*	280	6000	10	0,72	1.58	38x165x155
FDE49PA	124611551			Self-locking chuck	1÷10	280	4900	10	1,08	2.37	38x223x155
FDE49PC	124611561			Keyed chuck	1÷10	280	4900	10	0,94	2.07	38x200x155
FDE49P	124610551		1	Without chuck	1÷10*	280	4900	10	0,72	1.58	38x165x155
FDE33PA	124611552			Self-locking chuck	1÷10	280	3300	10	1,08	2.37	38x223x155
FDE33PC	124611562			Keyed chuck	1÷10	280	3300	10	0,94	2.07	38x200x155
FDE33P	124610552		1	Without chuck	1÷10*	280	3300	10	0,72	1.58	38x165x155
FDE26PA	124611553			Self-locking chuck	1÷10	280	2600	10	1,08	2.37	38x223x155
FDE26PC	124611563			Keyed chuck	1÷10	280	2600	10	0,94	2.07	38x200x155
FDE26P	124610553		1	Without chuck	1÷10*	280	2600	10	0,72	1.58	38x165x155
FY6PA	126311556			Self-locking chuck	1÷10	400	3200	11	1,54	3.38	46x222x170
FY6PC	126309103			Keyed chuck	1÷10	400	3200	11	1,40	3.08	46x200x170
FY6P	126309036		2	Without chuck	1÷10*	400	3200	11	1,18	2.59	46x165x170
FY8PA	126311558			Self-locking chuck	1÷10	400	2600	11	1,54	3.38	46x222x170
FY8PC	126309019			Keyed chuck	1÷10	400	2600	11	1,40	3.08	46x200x170
FY8P	126309020		2	Without chuck	1÷10*	400	2600	11	1,18	2.59	46x165x170
FY10PA	126311560			Self-locking chuck	1÷10	400	1800	11	1,54	3.38	46x222x170
FY10PC	126309015			Keyed chuck	1÷10	400	1800	11	1,40	3.08	46x200x170
FY10P	126309018		2	Without chuck	1÷10*	400	1800	11	1,18	2.59	46x165x170
FY13PA	126311563			Self-locking chuck	1÷13	400	750	11	2,00	4.4	46x263x170
FY13PC	126309007			Keyed chuck	1÷13	400	750	11	1,84	4.05	46x238x170
FY13P	126309021		2	Without chuck	1÷13*	400	750	11	1,48	3.26	46x195x170
FY14PA	126311564			Self-locking chuck	1÷13	400	450	11	2,00	4.4	46x263x170
FY14PC	126309030			Keyed chuck	1÷13	400	450	11	1,84	4.05	46x238x170
FY14P	126309035		2	Without chuck	1÷13*	400	450	11	1,48	3.26	46x195x170
FO12P	127011512		3	Without chuck	—	800	2000	14	3,05	6.71	65x200x360
FO16P	127011516		3	Without chuck	—	800	950	14	3,60	7.92	65x236x360
FO20P	127011520		3	Without chuck	—	800	600	14	3,60	7.92	65x236x360
FO3P	127011530		3	Without chuck	—	800	170	14	4,18	9.19	65x272x360

30F, FDE, FY ...A = Self-locking chuck
30F, FDE, FY ...C = Keyed chuck
30F, FDE, FY, FO ... = Models without chuck

* **Chuck capacity:** The capacity given is the maximum recommended.

OUTPUT SHAFT:

1: J 0 taper - 2: Threaded 3/8" x 24 UNF. - 3: Threaded 1/2" x 20 UNF.

Accessories?
You can find
them here.



Air drills

ANGLE MODELS



- Drill capacity 1 ÷ 13 mm in Ø
- Free speed: 500 ÷ 4,500 rpm
- Watt: 130 ÷ 400 Watt
- Type: Self-locking chuck, keyed chuck, without chuck, with collet chuck











































- Ideal for drilling in small, hard-to-reach spaces, such as against walls or near profiles and shaped sections
- Rugged 30° and 90° angle drilling heads
- Fast and with favourable power-to-weight ratio
- Collet-type models for holding the accessory
- Quiet and compact
- Insulated non-slip grips

The **30F models**, specific for the aerospace sector, are equipped with motors and epicyclic reduction gears that ensure effective performance even in heavy working conditions, as well as with sub-optimal supply pressures. Their consumption is also optimised thanks to the latest generation air motor.

The 30F ergonomic drills can drill holes quickly, aided by **soft start**, and the design offers extremely compact dimensions and low weights.



Exhaust CAN BE REDIRECTED AT WILL: with the rotating device, the exhaust air can be vented away from the operator based on the position the drill is being used in.

MODEL	CODE	STARTING SYSTEM		CHUCK TYPE	CHUCK CAPACITY	POWER	FREE SPEED	COMPRESSED AIR CONSUMPTION		WEIGHT	DIMENSIONS (mm)
					mm	Watt	RPM	l/s	Kg	lb	ØxLxH
30F420A90A	124691142		1	Self-locking chuck	0÷6	300	4200	8,5	0,87	1.92	35x254x90
30F420A90C	124691132		1	Keyed chuck	0÷6	300	4200	8,5	0,73	1.61	35x254x76
30F420A90P	124695152		1	Collet chuck	1÷7	300	4200	8,5	0,60	1.32	35x254x47
30F420A90	124699122		1	Without chuck	0÷6	300	4200	8,5	0,60	1.32	35x254x47
30F300A90A	124691143		1	Self-locking chuck	0÷6	300	3000	8,5	0,87	1.92	35x254x90
30F300A90C	124691133		1	Keyed chuck	0÷6	300	3000	8,5	0,73	1.61	35x254x76
30F300A90P	124695153		1	Collet chuck	1÷7	300	3000	8,5	0,60	1.32	35x254x47
30F300A90	124699123		1	Without chuck	0÷6	300	3000	8,5	0,60	1.32	35x254x47
30F200A90A	124691144		1	Self-locking chuck	1÷8	300	2000	8,5	0,93	2.05	35x267x90
30F200A90C	124691134		1	Keyed chuck	1÷8	300	2000	8,5	0,79	1.74	35x267x76
30F200A90P	124695154		1	Collet chuck	1÷7	300	2000	8,5	0,66	1.46	35x267x47
30F200A90	124699124		1	Without chuck	1÷8	300	2000	8,5	0,66	1.46	35x267x47
30F120A90A	124691145		1	Self-locking chuck	1÷10	300	1200	8,5	1,02	2.25	35x267x105
30F120A90C	124691135		1	Keyed chuck	1÷10	300	1200	8,5	0,88	1.94	35x267x83
30F120A90P	124695155		1	Collet chuck	1÷7	300	1200	8,5	0,66	1.46	35x267x47
30F120A90	124699125		1	Without chuck	1÷10	300	1200	8,5	0,66	1.46	35x267x47
30F420A30A	124631142		1	Self-locking chuck	0÷6	300	4200	8,5	0,87	1.92	35x306x52
30F420A30C	124631132		1	Keyed chuck	0÷6	300	4200	8,5	0,73	1.61	35x295x46
30F420A30P	124635152		1	Collet chuck	1÷7	300	4200	8,5	0,60	1.32	35x270x32
30F420A30	124639122		1	Without chuck	0÷6	300	4200	8,5	0,60	1.32	35x270x32
30F300A30A	124631143		1	Self-locking chuck	0÷6	300	3000	8,5	0,87	1.92	35x306x52
30F300A30C	124631133		1	Keyed chuck	0÷6	300	3000	8,5	0,73	1.61	35x295x46
30F300A30P	124635153		1	Collet chuck	1÷7	300	3000	8,5	0,60	1.32	35x270x32
30F300A30	124639123		1	Without chuck	0÷6	300	3000	8,5	0,60	1.32	35x270x32
30F200A30A	124631144		1	Self-locking chuck	1÷8	300	2000	8,5	0,93	2.05	35x320x52
30F200A30C	124631134		1	Keyed chuck	1÷8	300	2000	8,5	0,79	1.74	35x310x46
30F200A30P	124635154		1	Collet chuck	1÷7	300	2000	8,5	0,66	1.46	35x285x32
30F200A30	124639124		1	Without chuck	1÷8	300	2000	8,5	0,66	1.46	35x285x32
30F120A30A	124631145		1	Self-locking chuck	1÷10	300	1200	8,5	1,02	2.25	35x330x58
30F120A30C	124631135		1	Keyed chuck	1÷10	300	1200	8,5	0,88	1.94	35x316x50
30F120A30P	124635155		1	Collet chuck	1÷7	300	1200	8,5	0,66	1.46	35x285x32
30F120A30	124639125		1	Without chuck	1÷10	300	1200	8,5	0,66	1.46	35x285x32
FZ31/30P	122335132			Collet chuck	1÷5	130	3100	6	0,500	1.1	31x235x35
FZ31/90P	122395132			Collet chuck	1÷5	130	3100	6	0,500	1.1	31x228x47
FY8/90A	126309060			Self-locking chuck	1÷10	400	1600	10	1,820	4	46x320x125
FY8/90C	126391101			Keyed chuck	1÷10	400	1600	10	1,700	3.74	46x320x103
FY8/90	126309062		2	Without chuck	1÷10*	400	1600	10	1,480	3.25	46x320x65
FY10/90A	126309104			Self-locking chuck	1÷10	400	1200	10	1,820	4	46x320x125
FY10/90C	126391102			Keyed chuck	1÷10	400	1200	10	1,700	3.74	46x320x103
FY10/90	126309064		2	Without chuck	1÷10*	400	1200	10	1,480	3.25	46x320x65
FY13/90A	126309071			Self-locking chuck	1÷10	400	500	10	2,020	4.44	46x350x125
FY13/90C	126391103			Keyed chuck	1÷10	400	500	10	1,900	4.18	46x350x103
FY13/90	126309082		2	Without chuck	1÷10*	400	500	10	1,680	3.69	46x350x65

30F, FZ, FY...A = Self-locking chuck

30F, FZ, FY...C = Keyed chuck

30F, FZ, FY... = Models without chuck

* **Chuck capacity:** The capacity given is the maximum recommended.

OUTPUT SHAFT:

1: Threaded 3/8" x 24 UNF. - 2: Threaded 1/2" x 20 UNF.

Accessories?
You can find
them here.



Air drills

MODULAR MODELS

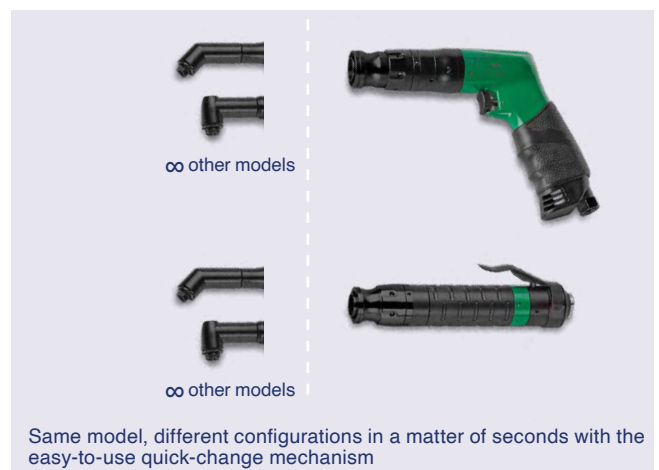


- Straight and pistol motors/drills
- Free speed: 1,200÷6,200 rpm
- Watt: 300 Watt
- Quick change to get different configurations in a matter of seconds

The 30F 300 Watt air drills are extremely versatile because **the same motor/drill can be combined with different drilling heads** so that the same tool can provide different operating configurations, such as those demanded in the aerospace industry.

Moreover, their new-generation motors and epicyclic reduction gears ensure effective performance even in heavy working conditions, as well as with sub-optimal supply pressures. These fast and ergonomically designed drills have a **soft-start feature for easier drilling**. Consumption is also optimised thanks to the new kinematic mechanisms of the air motor.






- 30° and 90° angle heads
- **Special drilling heads and clamping collets on request**
- Extremely compact dimensions
- Low weights
- Pistol-grip models with balanced handles and non-slip grip
- Use 2 codes when ordering: tool code + head code








Exhaust CAN BE REDIRECTED AT WILL: with the rotating device, the exhaust air can be vented away from the operator based on the position the drill is being used in (straight models).

MODEL	CODE	STARTING SYSTEM	POWER	FREE SPEED	COMPRESSED AIR CONSUMPTION	WEIGHT	DIMENSIONS (mm)
			Watt	RPM	l/s	Kg lb	ØxLxH

MODULAR STRAIGHT DRILLS

30F620M	124691201		300	6200	8,8	0,45 0.99	35x170
30F420M	124691202		300	4200	8,8	0,45 0.99	35x170
30F300M	124691203		300	3000	8,8	0,45 0.99	35x170
30F200M	124691204		300	2000	8,8	0,51 1.12	35x184
30F120M	124691205		300	1200	8,8	0,51 1.12	35x184

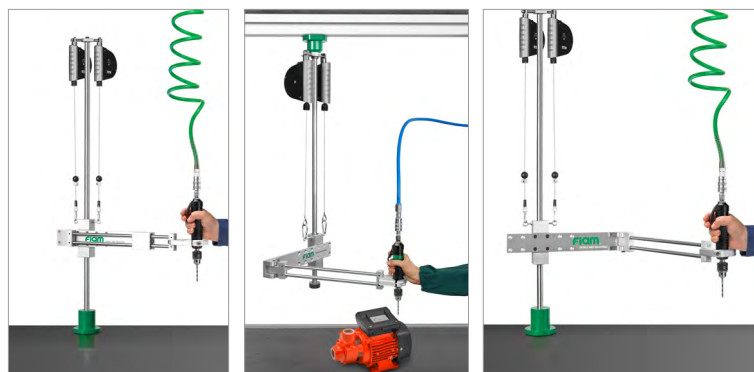
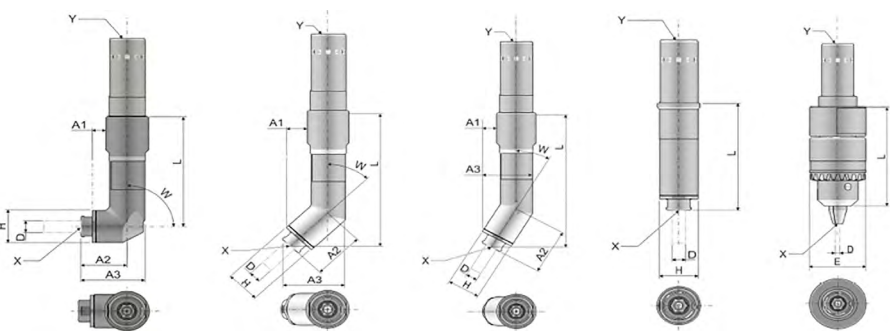
MODULAR PISTOL-GRIP DRILLS

30F620MP	124691301		300	6200	8,8	0,68 1.50	35x117x155
30F420MP	124691302		300	4200	8,8	0,68 1.50	35x175x155
30F300MP	124691303		300	3000	8,8	0,68 1.50	35x175x155
30F200MP	124691304		300	2000	8,8	0,73 1.61	35x190x155
30F120MP	124691305		300	1200	8,8	0,73 1.61	35x190x155

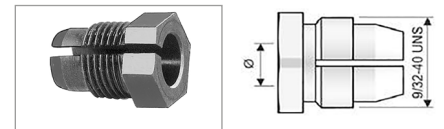
OUTPUT SHAFT: Threaded 3/8" x 24 UNF.

COMPATIBLE DRILLING HEADS

DESCRIPTION	CODE	DIMENSIONS mm							OUTPUT TYPE
		Ø D	Ø H	A1	A2	A3	L	W	
HEAD 90° - 1/4	654380001	8	17	11,6	21,6	29,85	58	90	1/4-28 UNF-2B
HEAD 90° - 9/32	654380006	5	17	11,6	21,6	29,85	58	90	9/32-40 UNS
HEAD 45° - 1/4	654380002	8	17	10	25,5	20	73,5	45	1/4-28 UNF-2B
HEAD 45° - 9/32	654380007	5	17	10	25,5	20	73,5	45	9/32-40 UNS
HEAD 30° - 1/4	654380003	8	17	7,2	25,5	25,5	77,6	30	1/4-28 UNF-2B
HEAD 30° - 9/32	654380008	5	17	7,2	25,5	25,5	77,6	30	9/32-40 UNS
		Ø D	H	L					
STRAIGHT HEAD - 1/4	654380004	8	17	84,5					
STRAIGHT HEAD - 9/32	654380009	5	17	84,5					
		Ø H	Ø D	Ø E	L				
HEAD FOR CHUC 0-8"	654380005	0,5-8	8	29,5	95				



DRILLING HEAD COLLETS FOR MODULAR DRILLS



CAPACITY	CODE	CAPACITY	CODE
1,0	*	3,1	*
1,1	*	3,2	*
1,2	*	3,3	*
1,3	*	3,4	*
1,4	*	3,5	*
1,5	*	3,6	*
1,6 (1/16")	*	3,7	*
1,7	*	3,8	*
1,8	*	3,9	*
1,9	*	4,0 (5/32")	*
2,0	*	4,1	*
2,1	*	4,2	*
2,2	*	4,3	*
2,3	*	4,4	*
2,4 (3/32")	*	4,5	*
2,5	*	4,6	*
2,6	*	4,7	*
2,7	*	4,8 (3/16")	*
2,8	*	4,9	*
2,9	*	5,0	*
3,0	*		

Accessories for ergonomically sound workplaces?



