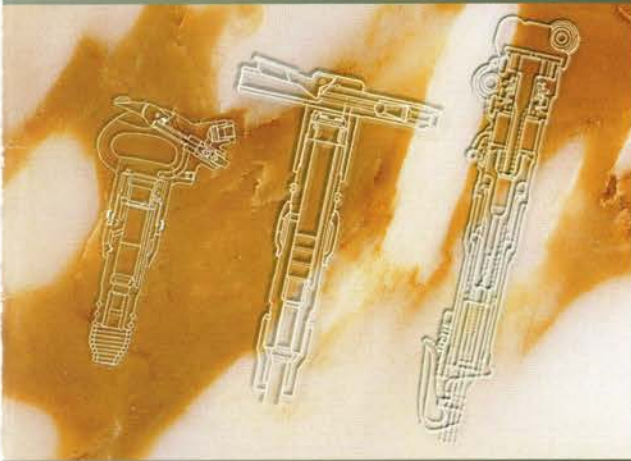


Pneumatic Tools



CHIPPING HAMMER

- Chipping concrete blocks in building and civil engineering work
- Removal of various burrs
- Assistance in electric work, sewage work, gas work, etc.



CH55- II



CH55- II V (Vibration isolation type)



CH80- II



CH80- II V (Vibration isolation type)

Model		CH55- II	CH55- II V	CH80- II	CH80- II V
Weight	kg	5.3	5.3	6.0	6.0
Overall length	mm	355	355	355	355
Number of blows	min ⁻¹	2,000	2,000	2,000	2,000
Piston diameter	mm	24	24	28	28
Stroke	mm	75	75	80	80
Air consumption	m ³ /min	0.4	0.4	0.7	0.7
Shank size	mm	φ 17.45 x 60、H14.75 x 60			
Inside diameter of hose	mm	13	13	13	13
Hose adapter thread		R3/8	R3/8	R3/8	R3/8

PAVING BREAKER

Effective for simple work on roads, ditching, breaking hard concrete structure, etc.



B30



B40



B60



B44



B90

Model		B30	B40	B60	B44	B90
Weight	kg	15.5	18.5	30.5	36.5	42.0
Overall length	mm	585	665	666	692	747
Number of blows	min ⁻¹	1,850	1,300	1,550	1,150	1,400
Air consumption	m ³ /min	1.0	1.4	1.4	2.0	2.2
Shank size	mm	H25 x 108	H25 x 108	H32 x 152	H32 x 152	H32 x 152
Inside diameter of hose	mm	13	19	19	19	19
Hose adapter thread		R3/8	R3/4	R3/4	R3/4	R3/4

PICK HAMMER

Light yet powerful. Suitable for digging soft rocks and crushing and ditching concrete.



CA7



CA7-V (Vibration isolation type)

Model		CA7	CA7-V
Weight	kg	7.0	8.0
Overall length	mm	470	485
Number of blows	min ⁻¹	1,300	1,300
Piston diameter	mm	35	35
Stroke	mm	125	125
Air consumption	m ³ /min	1.2	1.2
Shank size	mm	φ 26 x 80	φ 26 x 80
Inside diameter of hose	mm	19	19
Hose adapter thread		R3/4	R3/4

For Chipping hammer



Steel (Round shank)



Steel (Hexagon shank)



Spade

Specifications of steels

Length (mm)	Shank size	Applicable models
300, 350	φ 17.45 x 60	CH55, CH80
	H14.75 x 60	CH55, CH80

Specifications of spades

Length (mm)	Edge width (mm)	Applicable models
300	50	CH55, CH80

For Pick hammer



Pick steel



Spade

Specifications of steel

Length (mm)	Shank size	Applicable models
450, 600	φ 26 X 80	CA7

Specifications of spades

Length (mm)	Edge width (mm)	Applicable models
450	76	CA7

For Paving breaker



Steel (Hexagon shank)



Spade (Hexagon shank)



Steel (Round shank)



Spade (Round shank)

Specifications of steels

Length (mm)	Shank size	Applicable models
400, 450, 600	φ 26 X 80	FCB15
	φ 30 X 87	FCB20
450	H25 X 108	B30 B40
	H32 X 152	B60 B90

Specifications of spades

Length (mm)	Edge width (mm)	Applicable models
400, 450	75	FCB15 FCB20



Steel retainer for spade
(Optional)

FCB15

FCB15-V

(Vibration isolation type)

FCB20- II

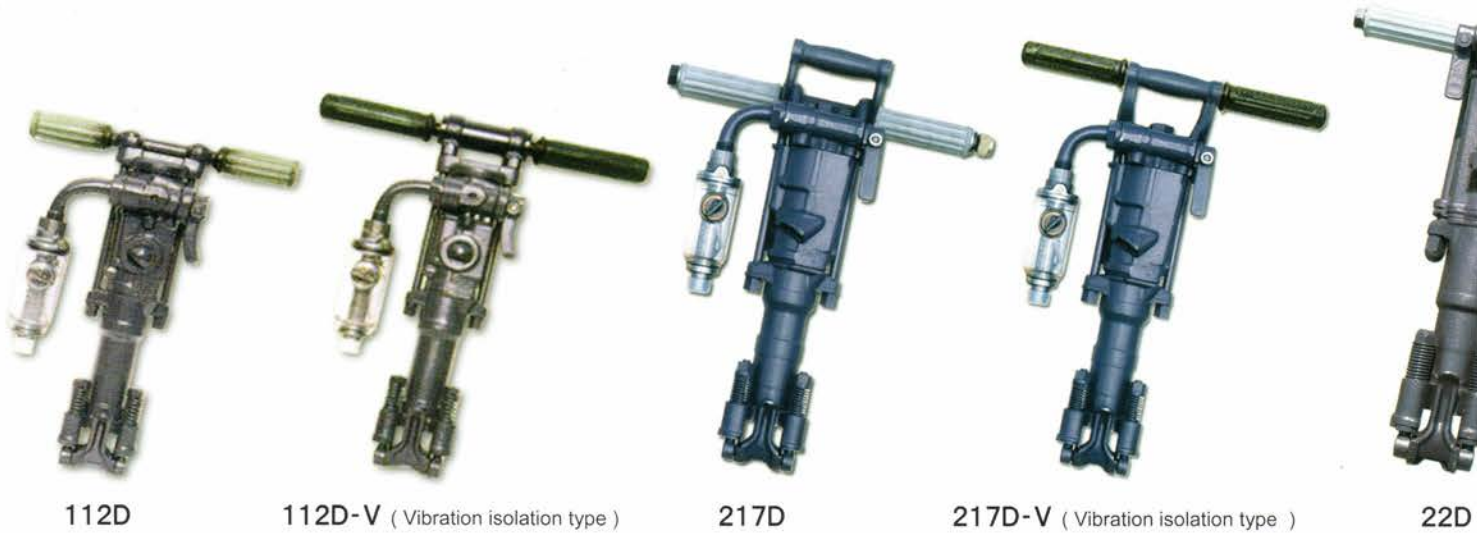
FCB20- II V

(Vibration isolation type)

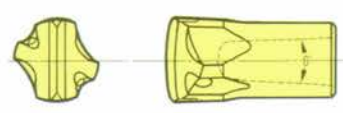
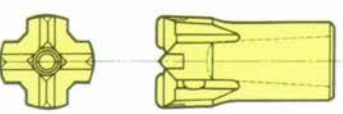
	FCB15	FCB15V	FCB20- II	FCB20- II V
	15.0	15.0	21.2	21.2
	492	492	556	556
	1,150	1,150	1,100	1,100
	0.8	0.8	1.65	1.65
	φ 26 x 80	φ 26 x 80	φ 30 x 87	φ 30 x 87
	19	19	19	19
	G1	G1	G1	G1

HAND DRILL

Widely used for breaking rocks in quarries or for road constructions and other civil engineering work.



Model		112D	112D-V	217D	217D-V
Weight	kg	13.6	16.1	20.8	21.0
Overall length	mm	485	528	580	566
Number of blows	min ⁻¹	2,400	2,400	2,500	2,500
Air consumption	m ³ /min	2.1	2.1	2.4	2.4
Shank size	mm	H19 x 83 H22 x 83	H19 x 83 H22 x 83	H22 x 108	H22 x 108
Inside diameter of hose	mm	19	19	19	19
Hose adapter thread		R3/4	R3/4	R3/4	R3/4
Type of blow		Air blow	Air blow	Air blow	Air blow

Bit	Rod size mm	Gauge mm	Parts No.	
			Carr bit	Cross bit
 Carr bit	19	26	19CT-26	19XT-26
		28	19CT-28	19XT-28
		30	19CT-30	19XT-30
		32	19CT-32	19XT-32
		34	19CT-34	19XT-34
		36	19CT-36	19XT-36
 Cross bit	22	28	22CT-28	22XT-28
		30	22CT-30	22XT-30
		32	22CT-32	22XT-32
		34	22CT-34	22XT-34
		36	22CT-36	22XT-36
		38	22CT-38	22XT-38
		40	22CT-40	22XT-40
		42	22CT-42	22XT-42
		44	22CT-44	22XT-44
		50		22XT-50
55		22XT-55		
60		22XT-60		
65		22XT-65		

C=Carr bit, X=Cross bit, T=Taper

Reaming bit	Rod size (mm)	Gauge (mm)	Set parts No.	Parts No.
	22	65	DXB-65	DXBR-65
		70	DXB-70	DXBR-70
		80	DHB-80	DHBR-80
		90	DHB-90	DHBR-90
		100	DHB-100	DHBR-100
		120	DHB-120	DHBR-120
		130	DHB-130	DHBR-130
		150	DHB-150	DHBR-150

LEG DRILL

These medium-sized and large-sized drills for horizontal drilling are proven evaluated at mines, tunnel construction, dam construction, etc.



22D-V (Vibration isolation type)



322D (Leg : Optional)

PD90L (Leg : Optional)

22D	22D-V
26.9	29.5
612	660
1,850	1,850
3.5	3.5
H22 x 108	H22 x 108
19 ~ 25	19 ~ 25
R3/4	R3/4
Air blow	Air blow

Model		322D	PD90L
Weight	kg	26.9	28.9
Overall length	mm	705	670
Number of blows	min ⁻¹	1,850	2,500
Air consumption	m ³ /min	3.5	4.5
Shank size	mm	H22 x 108	H22 x 108
Inside diameter of air hose	mm	19 (R3/4)	25 (R3/4)
Inside diameter of water hose	mm	13 (R3/8)	13 (R3/8)
Type of blow		Wet	Wet
Leg used		LB56	LC77

Rod	Effective length mm	Overall length mm	Part No.	
			19mm	22mm
	500	600	H19T-S-6	H22T-(S)(L)-6
	800	900	H19T-S-9	H22T-(S)(L)-9
	1,100	1,200	H19T-S-12	H22T-(S)(L)-12
	1,400	1,500	H19T-S-15	H22T-(S)(L)-15
	1,700	1,800	H19T-S-18	H22T-(S)(L)-18
	2,000	2,100		H22T-(S)(L)-21
	2,300	2,400		H22T-(S)(L)-24
	2,600	2,700		H22T-(S)(L)-27
	2,900	3,000		H22T-(S)(L)-30
	3,400	3,500		H22T-(S)(L)-35
	3,900	4,000		H22T-(S)(L)-40
	4,400	4,500		H22T-(S)(L)-45
	4,900	5,000		H22T-(S)(L)-50

H=Hexagon, Shank length: S=83mm, L=108mm

Hose fitting parts



Band

Spat

Nut

Stem

PALM DRILL

• Cutting stones • Anchoring work • Drilling large boulders, rock bed, objects of civil engineering, etc.



6D



6D-V (Vibration isolation type)

Since an oil sump is installed, durability of parts is improved greatly.

The rod turns to the right so that it can drive anchor bolts.

Model		6D	6D-V
Weight	kg	5.9	7.4
Overall length	mm	424	458
Number of blows	min ⁻¹	3,400	3,400
Piston diameter	mm	38	38
Stroke	mm	32	32
Air consumption	m ³ /min	0.85	0.85
Shank size	mm	φ 19-H14.6 x 88	φ 19-H14.6 x 88
Inside diameter of hose	mm	13	13
Hose adapter thread		G3/8	G3/8

For Palm drill

Carr bit		For 15T Gauge : 20, 22mm
		For 19T Gauge : 24~38mm
Cross bit		For 15T Gauge : 20, 22mm
		For 19T Gauge : 24~38mm

Taper rod for 15T (20, 22mm)	
Overall length (mm)	200,300,400,500,600,700,800,900,1000,2000

Snake-head rod for 19T (24~38mm)	
Overall length (mm)	300,400,500,600,700,800,900,1000,1200

Insert bit	
Edge width (mm)	Length (mm)
14.0	250,300,350,400,500
16.0	250,300,400,500,600,700,800,1000
18.0	280,400,500,600,700,800,1000
20.0	280,400,500,600,700,800,1000
22.0	280,400,500,600,700,800,1000

Effective length is 120mm shorter than overall length.

Wedge		
Blade (mm)	Wedge (mm)	Diameter (mm)
150	205	28
150	205	30
145	235	32
150	240	34
160	245	36
165	260	38

Wedge for breaker		
Blade (mm)	Wedge (mm)	Diameter (mm)
600	155	38

AIR AUGER

Auger drills soft rocks and clayey rocks which cannot be drilled easily with impact rotary drills.

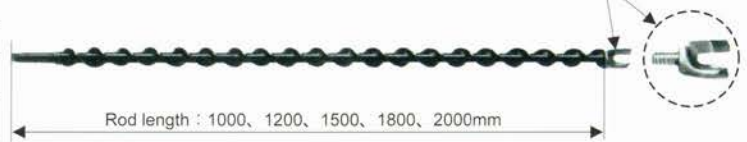


AA1 (Hand feed type)



(Bit & Rod : Optional)

Bit
(Diameter : 42mm)



Model		AA1
Weight	kg	8.8
Overall length	mm	266
Output	kW	2.1
Revolution	min ⁻¹	900
Air consumption	m ³ /min	2.6
Inside diameter of hose	mm	19
Hose adapter thread		R3/4
Operation method		Direct lever

Option





FRD Furukawa reserves right to change specifications without prior notice.

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Pneumatic tools-E1204-F3
Printed in Japan