

BI-METAL HOLE SAWS - FAST CUT

Rev. 00

1. PRODUCT:

Fast cut bi-metal hole saws (FCH).

2. DESCRIPTION:

Hole saws with alloy steel body and high-speed steel teeth.

Picture 1. Product illustrative image



3. APPLICABILITY:

Product suitable for cutting operations of thin sheet metal and stainless steel and tubes with a wall thickness of up to 3mm (1/8").

4. STANDARDS:

NBR 5903 / ICS 77.140.50
NBR 6215 / ICS 01.040.77
NBR 6662 / ICS 77.140.50
NBR NM ISO 6508-1 / ISO 6508-1
BS8416;2002

5. DIMENSIONS AND TOLERANCE:

Inch Line

N° CATALOG	DIAMETER	
	in	mm
FCH0096-G	9/16"	14
FCH0058-G	5/8"	16
FCH1016-G	11/16"	17
FCH0034-G	3/4"	19
FCH2532-G	25/32"	20
FCH1036-G	13/16"	21
FCH0078-G	7/8"	22
FCH1056-G	15/16"	24



FCH0100-G	1"	25
FCH0116-G	1.1/16"	27
FCH0118-G	1.1/8"	29
FCH0136-G	1.3/16"	30
FCH0114-G	1.1/4"	32
FCH0156-G	1.5/16"	33
FCH0138-G	1.3/8"	35
FCH0176-G	1.7/16"	37
FCH0112-G	1.1/2"	38
FCH0196-G	1.9/16"	40
FCH0158-G	1.5/8"	41
FCH1116-G	1.11/16"	43
FCH0134-G	1.3/4"	44
FCH1136-G	1.13/16"	46
FCH0178-G	1.7/8"	48
FCH0200-G	2"	51
FCH0216-G	2.1/16"	52
FCH0218-G	2.1/8"	54
FCH0214-G	2.1/4"	57
FCH0256-G	2.5/16"	59
FCH0238-G	2.3/8"	50
FCH0212-G	2.1/2"	64
FCH0296-G	2.9/16"	65
FCH0258-G	2.5/8"	67
FCH0234-G	2.3/4"	70
FCH0278-G	2.7/8"	73
FCH0300-G	3"	76
FCH0318-G	3.1/8"	79
FCH0314-G	3.1/4"	83
FCH0338-G	3.3/8"	86
FCH0312-G	3.1/2"	89
FCH0358-G	3.5/8"	92
FCH0334-G	3.3/4"	95
FCH0378-G	3.7/8"	98
FCH0400-G	4"	102
FCH0418-G	4.1/8"	105
FCH0414-G	4.1/4"	108



FCH0438-G	4.3/8"	111
FCH0412-G	4.1/2"	114
FCH0434-G	4.3/4"	121
FCH0500-G	5"	127
FCH0514-G	5.1/4"	133
FCH0512-G	5.1/2"	140
FCH0600-G	6"	152

Metric Line

N° CATALOG	DIAMETER
FCH015M-G	15
FCH020M-G	20
FCH025M-G	25
FCH030M-G	30
FCH035M-G	35
FCH040M-G	40
FCH045M-G	45
FCH050M-G	50
FCH056M-G	56
FCH068M-G	68
FCH075M-G	75
FCH100M-G	100
FCH160M-G	160
FCH168M-G	168
FCH177M-G	177
FCH210M-G	210

6. PACKAGE:

Product available in unit packaging, master box and transport box.

7. TECHNICAL CONSTRUCTION:

Starrett bi-metal hole saws are manufactured with an alloy steel body and teeth in high-speed steel with extra cobalt, they are milled, setting, punched and hardened/tempered in strict accordance with the Starrett Quality standard (ISO 9000).

Starrett Fast Cut Bi-metal has 1.5/8" (41mm) saw depth, 5.5 TPI (tooth per inch) and extra cobalt in the tooth material providing greater resistance to heat, wear and longer product life.

8. RAW MATERIAL:

Body/Teeth hardness: Min 63 HRC; Objective: From 64 to 66 HRC

9. SAFETY:


- Follow all the safety instructions shown in the band saw machine operator's manual and on the machine labels;
- Recognize and read safety and warning signs such as Danger, Warning and Caution;
- Follow the hole saw installation instructions;
- Necessary safety equipment: safety glasses, safety shoes and hearing protection;
- Beware of danger points and keep hands and clothing away from the moving machine.

