

Hy-Ram Under Pressure Tapping Tools

Technical Guide W7.6

The Hy-Ram Under Pressure Tapping Tools are an essential product used for tapping a connection into a pipeline under pressure.



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Applications

Live tapping
Gas or water pipelines

Product Attributes

Compact and lightweight
Hand operated
Metal and Plastic pipes
DN80-150
Flanged AS4087

Quality

Inspected and tested in accordance with ISO9001

We are the supply partner of choice for New Zealand's civil construction industry, specialising in water and infrastructure based solutions.

The Hy-Ram under pressure tapping tools are an essential piece of equipment used when live tapping into a pipeline under working pressure. Supplied as a kit with various options of spacers and holesaws for cutting a range of different pipe materials, individual hole sizes available to suit most applications.

Product Attributes

- Holesaws for drilling various pipe materials including Ductile/Cast Iron, Steel, AC, PVC & HDPE
- Tapping tool kits are compact, lightweight, and easy to use
- For drilling branch connections DN80-DN150
- Flanges and spacers drilled according to AS4087

Compact C4 Tapping Tool

TABLE 1 Compact C4 Tapping Tool

Ref	Description
	Compact C4 Complete Kit
Kit Includes:	
A	C4 Drilling Machine
B	100mm Flange
C	80mm Flange
D	Ratchet Spanner
E	Spindle & Cutter Drive
F	Steel Box
G	Ratchet Spanner Extension
H	1/2" Tommy Bar
I	Allen Key 5mm
J	Allen Key 3mm
K	10mm Pilot Drill



FIG. 1 Compact C4 Tapping Tool Complete Kit

TABLE 2 Hynam C4 Live Tapping Machine

Product Code	Product Description	Manufacturer Part # Ref
TTUP080100	Tapping Tool Under Pressure C4 DN80-100 excludes drill bits	TAPPING TOOL C4
TTUPHSMET080	Bi-Metal Holesaw 70mm (DN080) - Metallic Pipes	117-000032
TTUPHSMET100	Bi-Metal Holesaw 83mm (DN100) - Metallic Pipes	117-000033
TTUPHSACPVC080	Carbide Tipped Holesaw 70mm (DN080) - AC/PVC Pipes	117-000099
TTUPHSACPVC100	Carbide Tipped Holesaw 83mm (DN100) - AC/PVC Pipes	117-000100
TTUPCCPE080	Carbide Tipped Core Cutter 70mm (DN080) - PE Pipes	117-000237
TTUPCCPE100	Carbide Tipped Core Cutter 83mm (DN100) - PE Pipes	117-000238
TTUPPDCR080100	Pilot Drill Bit Coupon Retaining 70/83mm (DN080-100)	130-000199

Compact C6 Tapping Tool

TABLE 3 Compact C6 Tapping Tool

Ref	Description
Compact C6 Complete Kit	
Kit Includes:	
A	C6 Drilling Machine
B	150mm Spacer
C	100mm Spacer
D	80mm Spacer
E	Ratchet Handle
F	Allen Key 3mm
G	Allen Key 5mm
H	30mm Open Ended Spanner
I	1/2" Tommy Bar
J	10mm Dia. Pilot Drill - C6 (70 & 83mm Holesaw's)
K	10mm Dia. Pilot Drill - C6 (140mm Holesaw)
L	Cutter Drive Adaptor (for 140mm Cutter)
M	Cutter Drive Adaptor (for 70 & 83mm Cutters)
N	Strong Steel Box
O	Ratchet Spanner
P	Drill Spindle
Q	80mm Flange
R	100mm Flange
S	150mm Flange



FIG. 2 Compact C6 Tapping Tool Complete Kit

TABLE 4 Hynam C6 Live Tapping Machine

Product Code	Product Description	Manufacturer Part # Ref
TTUP080150	Tapping Tool Under Pressure C6 DN80-150 excludes drill bits	TAPPING TOOL C6
TTUPHSMET080	Bi-Metal Holesaw 70mm (DN080) - Metallic Pipes	117-000032
TTUPHSMET100	Bi-Metal Holesaw 83mm (DN100) - Metallic Pipes	117-000033
TTUPHSMET150	Bi-Metal Holesaw 140mm (DN150) - Metallic Pipes	117-000049
TTUPHSAPVCO80	Carbide Tipped Holesaw 70mm (DN080) - AC/PVC Pipes	117-000099
TTUPHSAPVC100	Carbide Tipped Holesaw 83mm (DN100) - AC/PVC Pipes	117-000100
TTUPHSAPVC150	Carbide Tipped Holesaw 140mm (DN150) - AC/PVC Pipes	117-000126
TTUPCCPE080	Carbide Tipped Core Cutter 70mm (DN080) - PE Pipes	117-000237
TTUPCCPE100	Carbide Tipped Core Cutter 83mm (DN100) - PE Pipes	117-000238
TTUPCCPE150	Carbide Tipped Core Cutter 140mm (DN150) - PE Pipes	117-000239
TTUPPDCR080100	Pilot Drill Bit Coupon Retaining 70/83mm (DN080-100)	130-000199
TTUPPDCR080150	Pilot Drill Bit Coupon Retaining 140mm (DN080-150)	130-000198



FIG. 3 Carbide Holesaw



FIG. 4 Bi-Metal Holesaw



FIG. 5 MPH Cutter

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