

NAVAL HOT TAPPING VALVES



NAVAL OY

NAVAL OY, P.O.Box 32, FIN-23801 Laitila, FINLAND,
tel. +358-2-85-091, fax +358-2-856-506,
email: naval@naval.fi, internet: <http://www.naval.fi>

NAVAL HOT TAPPING VALVE

The main advantages of the Naval Hot Tapping Valve:

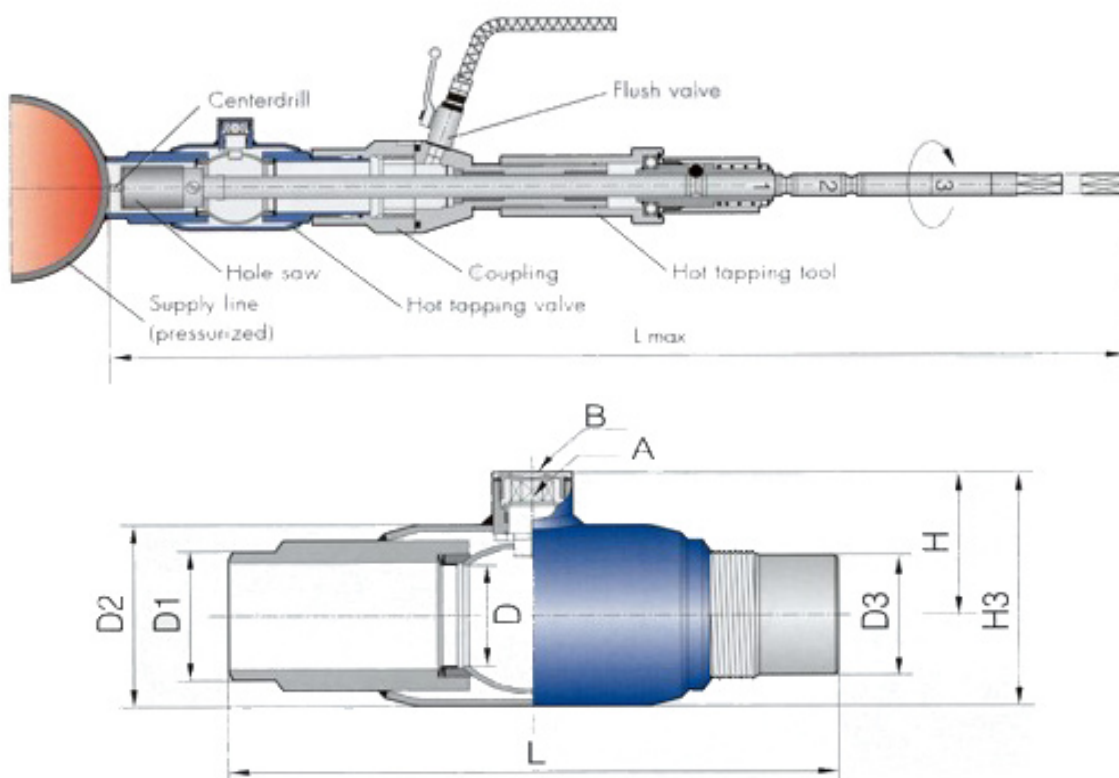
- Full bore all-welded ball valve
- Connection of new consumers to existing network under pressure can be carried out without interruption of heat supply to existing consumers
- No need to drain the network;
 - energy savings: heat, water, inhibitors
- Can be used also as a shut-off valve after hot tapping
- The hot tapping operation is safe, simple and easy.

The equipment is type tested in Germany by TÜV, Certificate "TÜV.AR.303-99"

The Principle of Hot Tapping:

1. Remove the insulation from the supply line
2. Weld the Naval valve onto the supply line
3. Attach the hot tapping equipment onto the valve
4. Carry out the hot tapping
5. Close the valve and remove the hot tapping equipment
6. Connect the new customer to the district heating network

N.B. When carrying out the hot tapping operation the separate detailed instructions by Naval Oy have to be followed.



DN	PN	NAVAL NR	L	D	D1	D2	D3	H	A hex head	B hex head	Saw Ø	H3	L max
25	40	281 486	209	25	36,5	60,3	33,7	45,0	9	22	24	74,7	1005
32	40	281 487	207	32	46,2	70,0	42,4	56,5	10	27	30	91,4	1015
40	40	281 488	226	40	52,1	76,1	48,3	62	10	27	38	107,3	985
50	40	281 489	262	50	64,5	88,9	60,3	76,5	15	32	48	127,3	1005
65	25	281 490	280	65	80,3	114,3	76,1	87,5	15	32	64	148,0	1025
80	25	281 491	312	80	94,5	139,7	88,9	101,5	15	36	76	174,5	1055
100	25	281 492	352	100	119,4	177,8	114,3	122,0	19	41	95	211,4	1100
125	25	281 493	365	125	151,7	219,1	137,9	143	19	41	121	252,5	1090
150	25	281 494	365	125	151,7	219,1	168,3	143	19	41	121	252,5	1095

*Reduced bore (only DN150)