

TA 60

Gate valve



TA

Expert System Components

ENGINEERING ADVANTAGE

AMETAL® construction makes the TA 60 gate valve a tough operator, and ensures a long lifetime of trouble-free operation in heating, cooling and tap water systems. TA 60 takes up less space due to the non-rising spindle construction.

> **Metal to metal sealing**

For longer lifetime and reduced maintenance costs.

> **Clenched locking design**

For optimum manoeuvrability.

> **AMETAL®**

Dezincification resistant alloy that guarantees a longer valve lifetime, and lowers the risk of leakage.



> Technical description

Applications:

Heating and cooling systems
Tap water systems

Function:

Shut-off

Dimensions:

DN 8-150

Pressure class:

See each product

Temperature:

Max. working temperature: 170°C

Material:

Body: AMETAL® or gunmetal.
Bonnet: AMETAL®, DN 125-150 gunmetal.
Wedge: AMETAL®, DN 125-150 gunmetal.
Stem and fastening: AMETAL®
Gaskets: PTFE/Graphite and aramid fibre.

AMETAL® is the dezincification resistant alloy of TA.

Flanges:

According to EN 1092-3, ISO 7005-3.

Face to face length:

DN 32 - 150: EN 558-1 Series 14
DN 40 - 150: ISO 5752 Series 14

Bonnets:

DN 10-50 has a threaded bonnet with a flat seal.
DN 65-150 has a flange joint between the bonnet and the body and is supplied with a flat seal and stainless allen screws.

Approvals:

Article No 51 060/51 061: Approved by Bureau Veritas, No 03659/G1 BV.
Article No 51 064: WRAS No 0612042. SAI Global, No SMK0772.

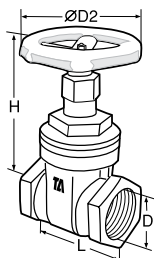
Articles

Female parallel thread

Thread according to ISO 228

AMETAL®

PN 16, EN 12288, BS 5154, (SS 2599)



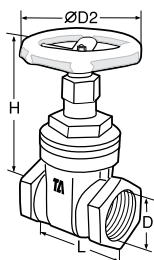
DN	D*	D2	L	H	Kvs	EAN	Article No
8	G1/4	60	42	72	4	7318792624909	51 060-008
10	G3/8	60	49	72	6	7318792625005	51 060-010
15	G1/2	60	56	77	9	7318792725104	51 060-015
20	G3/4	70	61	95	25	7318792625203	51 060-020
25	G1	70	69	102	45	7318792725302	51 060-025
32	G1 1/4	80	77	122	74	7318792625401	51 060-032
40	G1 1/2	90	81	138	122	7318792625500	51 060-040
50	G2	100	95	160	270	7318792625609	51 060-050
65	G2 1/2	120	112	195	450	7318792625708	51 060-065
80	G3	140	122	220	700	7318792625807	51 060-080
100	G4	140	160	270	1400	7318792625906	51 060-090

Female parallel thread

Thread according to ISO 7/1

AMETAL®

PN 25, AS 1628

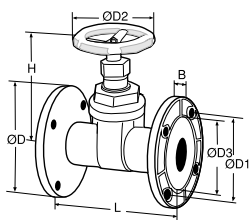


DN	D	D2	L	H	Kvs	EAN	Article No
15	Rp1/2	60	58	77	9	7318792736209	51 064-315
20	Rp3/4	70	63	95	25	7318792736308	51 064-320
25	Rp1	70	73	102	45	7318792736407	51 064-325
32	Rp1 1/4	80	83	122	74	7318792736506	51 064-332
40	Rp1 1/2	90	86	138	122	7318792736605	51 064-340
50	Rp2	100	99	160	270	7318792736704	51 064-350

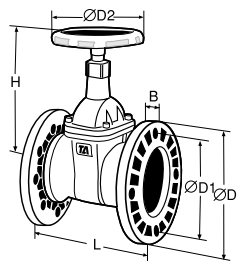
Fixed flanges

AMETAL®

PN 6, ISO 7005-3, EN 1092-3, (SS 335)



DN	D	D1	D2	D3	L	H	B	Number of bolt holes	Kvs	EAN	Article No
25	100	75	70	60	110	102	10	4	60	7318792727603	51 061-025
32	120	90	80	70	130	122	11	4	100	7318792727702	51 061-032
40	130	100	90	80	140	138	12	4	150	7318792727801	51 061-040
50	140	110	100	90	150	160	13	4	270	7318792727900	51 061-050

**Fixed flanges**

Gunmetal

PN 16, ISO 7005-3, EN 1092-3, EN 12288, (SS 2821, SS 335)

DN	D	D1	D2	L	H	B	Number of bolt holes	Kvs	EAN	Article No
25	115	85	70	110	102	11	4	60	7318792728204	51 061-425
32	140	100	80	130	122	12	4	100	7318792728303	51 061-432
40	150	110	90	140	138	13	4	150	7318792728402	51 061-440
50	165	125	100	150	160	15	4	270	7318792728501	51 061-450
65	185	145	120	170	195	16	4	450	7318792728600	51 061-465
80	200	160	140	180	220	17	8	700	7318792729805	51 061-880
100	220	180	140	190	270	20	8	1400	7318792729904	51 061-890
125	250	210	180	200	390	22	8	1900	7318792730009	51 061-891
150	285	240	180	210	425	22	8	2100	7318792730108	51 061-892

The products, texts, photographs, graphics and diagrams in this document may be subject to alteration by TA Hydronics without prior notice or reasons being given. For the most up to date information about our products and specifications, please visit www.tahydronics.com.

2-5-5 TA 60 12.2011