

# 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

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**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.

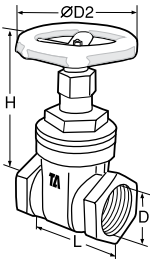
## Articles

### Female parallel thread

Thread according to ISO 228

AMETAL®

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



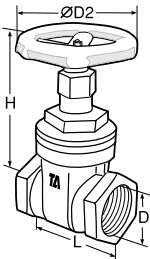
DN	D*	D2	L	H	Kvs	EAN	Article No
8	G1/4	60	42	72	4	7318792624909	51 060-008
10	G3/8	60	49	72	6	7318792625005	51 060-010
15	G1/2	60	56	77	9	7318792725104	51 060-015
20	G3/4	70	61	95	25	7318792625203	51 060-020
25	G1	70	69	102	45	7318792725302	51 060-025
32	G1 1/4	80	77	122	74	7318792625401	51 060-032
40	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

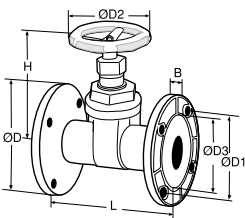


DN	D	D2	L	H	Kvs	EAN	Article No
15	Rp1/2	60	58	77	9	7318792736209	51 064-315
20	Rp3/4	70	63	95	25	7318792736308	51 064-320
25	Rp1	70	73	102	45	7318792736407	51 064-325
32	Rp1 1/4	80	83	122	74	7318792736506	51 064-332
40	Rp1 1/2	90	86	138	122	7318792736605	51 064-340
50	Rp2	100	99	160	270	7318792736704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

### Fixed flanges

AMETAL®

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

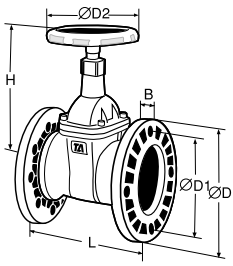


DN	D	D1	D2	D3	L	H	B	Number of bolt holes	Kvs	EAN	Article No
25	100	75	70	60	110	102	10	4	60	7318792727603	51 061-025
32	120	90	80	70	130	122	11	4	100	7318792727702	51 061-032
40	130	100	90	80	140	138	12	4	150	7318792727801	51 061-040
50	140	110	100	90	150	160	13	4	270	7318792727900	51 061-050

**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

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