IMI TA

TA 60

Gate valves

DN 10-100

Engineering
GREAT Solutions

IMI Hydronic Engineering

TA 60

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.

Key features

- **Metal to metal sealing**
  For longer lifetime and reduced maintenance costs.
- **Clenched lockring 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 10-100

Pressure class:
See each product

Temperature:
Max. working temperature: 170°C
Min. working temperature: -50°C

Material:
Body: AMETAL® or gunmetal
Bonnet: AMETAL®
Wedge: AMETAL®
Stem and fastening: AMETAL®
Gaskets: PTFE/Graphite and aramid fibre.
O-ring (TA 64): EPDM

AMETAL® is the dezincification resistant alloy of IMI Hydronic Engineering.

Marking:
TA, DN, PN, DR.
CE: DN 50 (PN 25), DN 65-100 (PN 16).

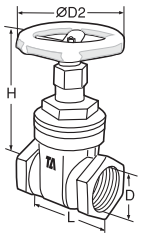
Connection:
Female threads according to ISO 228, ISO 7/1.
Flanges according to EN 1092-3, ISO 7005-3.

Face to face length:
DN 32-100: EN 558-1 Series 14
DN 40-100: ISO 5752 Series 14

Bonnets:
DN 10-50 has a threaded bonnet with a flat seal.
DN 65-100 has a flange joint between the bonnet and the body and is supplied with a flat seal and stainless allen screws.

Approvals:
TA 64 (article No. 51 064):
WRAS
WaterMark, IAPMO R&T OCEANA

Articles

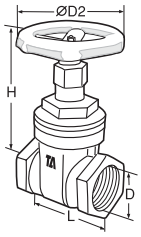


TA 60 Female thread

Thread according to ISO 228
AMETAL®

PN 16, EN 12288, BS 5154

DN	D*	D2	L	H	Kvs	EAN	Article No
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

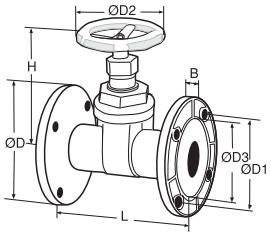


TA 64 Female thread

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

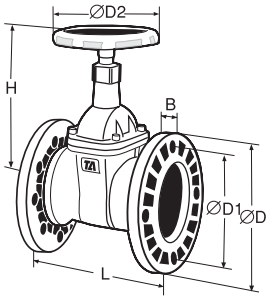


TA 61 Fixed flanges

AMETAL®

PN 6, ISO 7005-3, EN 1092-3

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



TA 61 Fixed flanges

Gunmetal

PN 16, ISO 7005-3, EN 1092-3, EN 12288

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

Kvs = m^3/h at a pressure drop of 1 bar and fully open valve.

2-5-5 TA 60 ed.3 02.2018