



CATALOGUE OF FITTINGS

Odlewnia Żeliwa Spółka Akcyjna
ul. Leśna 10
42-400 Zawiercie
Poland
www.eeodlewnia.pl

FITTINGS EE
THE STRONG ELEMENT OF EVERY SYSTEM





ODLEWNIA ŻELIWA
GRUPA GWARANT

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GENERAL INFORMATION

USE

EE brand cast iron fittings are used in threaded pipe joints, particularly in water supply, gas, steam, central heating, sprinkler system networks, etc., transporting non-corrosive liquids and gases.

RANGE OF DIMENSIONS

DN (mm)	8	10	15	20	25	32	40	50	65	80	100
THREAD	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4

MANUFACTURING

According to EN 10242 and ISO 49, construction symbol "A".

MATERIAL

Fittings: whiteheart malleable EN-GJMW-400-5 cast iron, according to EN 1562, equivalent to W 40-05, according to ISO 5922

THREADS

Threads: acc. to ISO 7/1 - R tapered external threads, internal cylindrical Rp threads and acc. to ISO 228/1 - G connecting threads

SURFACE / ZINC PLATING

EE brand fittings can be supplied in accordance to order: with black or galvanized surfaces. According to EN 10242, zinc coating weight relative to the surface exceeds 500 gr/m², which corresponds to an average layer thickness of 70 µm. Both black and galvanized surfaces are protected against corrosion. Corrosion protection substance does not contain polycyclic aromatic hydrocarbons.

OPERATING PRESSURE

- 2.5 MPa / 25 bar / at the temp. from -20°C to 120°C
- 2.0 MPa / 20 bar / at the temp. of 300°C

LEAK TEST

According to EN 10242, each EE brand fitting is subjected to a leak test at air pressure of at least 0.5 MPa / 5 bar/, which is equivalent to a minimum hydrostatic pressure of 2.0 MPa / 20 bar /.

DESIGN

Technical aspects, appearance, and other characteristics of fittings can be modified to match the technical advances and changes in accordance with the applicable standards.

				
1/13	1a/1a	2/15	2a/2a	3/14
				
40/22	41/20	85/85	90/6	92/7
				
94/94	95/9	96/10	97/11	98/12
				
120/5	130/25	131/31	135/135	165/30
				
180/34	220/220	221/33	240/3	241/45
				
245/40	246/246	270/2	271/1	280/38
				
281/39	290/46	291/47	300/43	301/301
				
310/44	321/63	326/326	330/48	331/59
				
340/54	341/60	370/49	371/50	372/51
				
374/52	471/471	529a/529a	595/595	623/623



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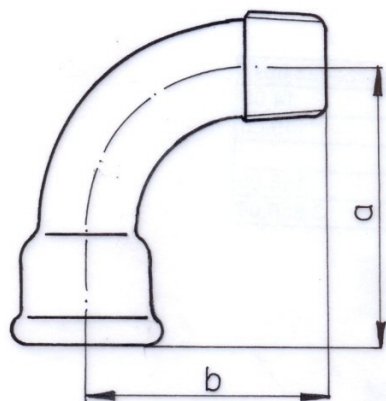
LONG SWEEP BEND 90°

PN, EN, ISO
CATALOGUE INTERNATIONAL
CATALOGUE EE

G4
1
13



1/13



Dimension [inch]	Weight of carton [kg]		Quantity in carton [pc.]	Dimension [mm]	
	black	galv		a	b
1/4	11,3	12,5	250	40	36
3/8	12,2	12,8	150	48	42
1/2	10,6	11,2	100	55	48
3/4	12,6	13,1	60	69	60
1	22,9	23,7	60	85	75
1 1/4	21,8	22,8	35	105	95
1 1/2	20,5	21,3	25	116	105
2	19,9	20,9	15	140	130
2 1/2	9,3	9,6	4	176	165
3	10,1	10,4	3	205	190
4	5,9	6,1	1	260	245

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SHORT BEND 90°

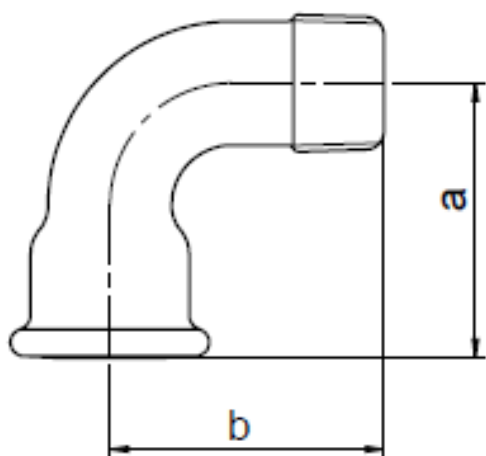


1a

PN, EN, ISO
CATALOGUE INTERNATIONAL
CATALOGUE EE

D4
1a
1a

Dimension [inch]	Weight of carton [kg]		Quantity in carton [pc.]	Dimension a=b [mm]
	black	galv		
3/8	10,5	10,8	150	36
1/2	12	12,5	100	45
3/4	9,9	10,3	60	50
1	19,7	20,6	60	63
1 1/4	20,6	21,5	40	76
1 1/2	20,6	21,2	30	85
2	20,8	21,6	20	102



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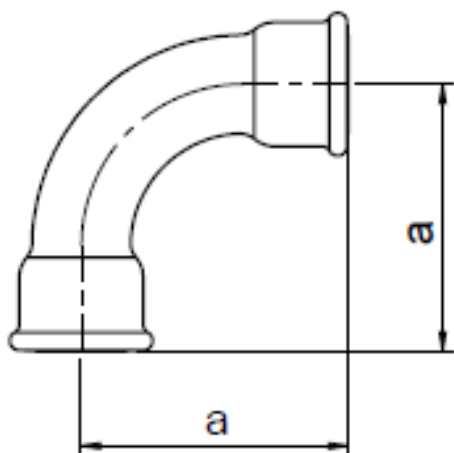
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LONG SWEEP BEND 90°



2/15



PN, EN, ISO
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CATALOGUE EE

G1
2
15

Dimension [inch]	Weight of carton [kg]		Quantity in carton [pc.]	Dimension a [mm]
	black	galv		
1/4	12,2	12,8	200	40
3/8	14	14,6	150	48
1/2	11,4	11,6	80	55
3/4	14	14,6	60	69
1	21,7	22	50	85
1 1/4	23,8	24,3	30	105
1 1/2	21,4	22,3	23	116
2	17,2	17,6	12	140
2 1/2	10,4	10,6	4	176
3	11,3	11,6	3	205
4	6,3	6,4	1	260

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SHORT BEND 90°

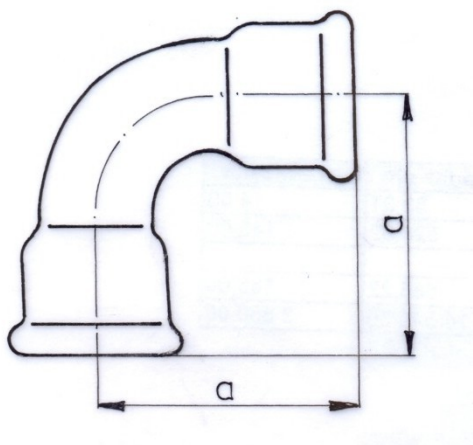


2a

PN, EN, ISO
CATALOGUE INTERNATIONAL
CATALOGUE EE

D1
2a
2a

Dimension [inch]	Weight of carton [kg]		Quantity in carton [pc.]	Dimension a [mm]
	black	galv		
3/8	9,6	10	120	36
1/2	11,9	12,3	90	45
3/4	13	13,2	60	50
1	21,6	22,5	60	63
1 1/4	22,6	23	40	76
1 1/2	22,2	22,7	30	85
2	22,8	23,2	20	102



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LONG SWEEP BEND 90°

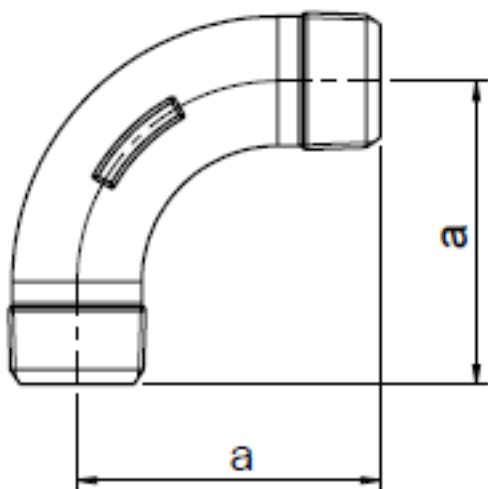


3/14

PN, EN, SO
CATALOGUE INTERNATIONAL
CATALOGUE EE

G8
3
14

Dimension [inch]	Weight of carton [kg]		Quantity in carton [pc.]	Dimension a [mm]
	black	galv		
1/2	10,1	10,8	100	48
3/4	10,4	10,9	60	62
1	19,2	20,1	60	75



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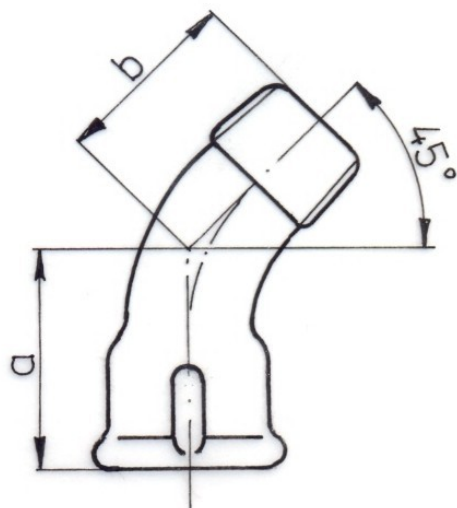
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LONG SWEEP BEND 45°



40/22



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G4/45°
40
22

Dimension [inch]	Weight of carton [kg]		Quantity in carton [pc.]	Dimension [mm]	
	black	galv		a	b
1/4	8,2	8,4	200	26	21
3/8	8,7	9	150	30	24
1/2	8,8	9,1	100	36	30
3/4	9,2	9,7	70	43	36
1	22,8	24,2	90	51	42
1 1/4	24,4	25,3	55	64	54
1 1/2	20,4	21,5	40	68	58
2	22,2	22,6	25	81	70
2 1/2	11	11,4	8	99	86
3	13,2	13,6	6	113	100
4	7,2	7,4	2	127	114

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LONG SWEEP BEND 45°

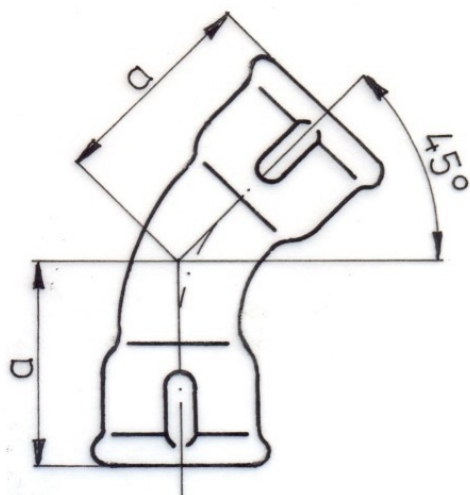
PN, EN, ISO
CATALOGUE INTERNATIONAL
CATALOGUE EE

G1/45°
41
20



41/20

Dimension [inch]	Weight of carton [kg]		Quantity in carton [pc.]	Dimension a [mm]
	black	galv		
3/8	8,9	9,4	120	30
1/2	12	12,5	100	36
3/4	12,5	12,9	60	43
1	19,6	20,6	60	51
1 1/4	22	22,8	40	64
1 1/2	23,2	24	33	68
2	19,8	20,2	20	81
2 1/2	13,6	14,2	8	99
3	14,9	15,5	6	113



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CROSSOVER



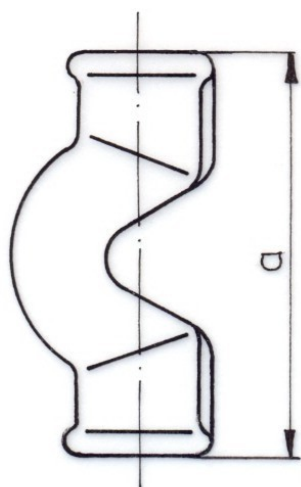
85

CATALOGUE INTERNATIONAL
CATALOGUE EE

85

85

Dimension [inch]	Weight of carton [kg]		Quantity in carton [pc.]	Dimension a [mm]
	black	galv		
1/2	16,1	16,6	80	92
3/4	14,1	15,2	40	110



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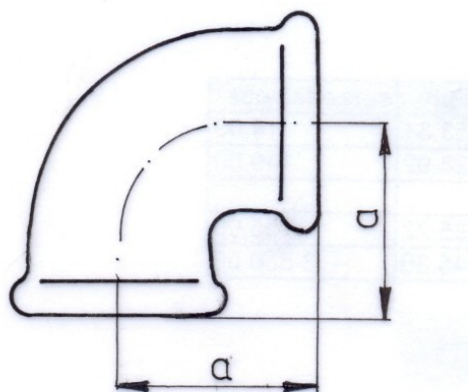
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ELBOW 90° EQUAL



90/6



PN, EN, ISO
CATALOGUE INTERNATIONAL
CATALOGUE EE

A1
90
6

Dimension [inch]	Weight of carton [kg]		Quaintity in carton [pc.]	Dimension [mm]
	black	galv		a
1/4	11,3	11,5	250	21
3/8	11,8	12,4	200	25
1/2	13,5	14	150	28
3/4	12,1	12,4	80	33
1	22,3	23,4	100	38
1 1/4	22,9	23,4	60	45
1 1/2	24,3	24,9	50	50
2	16,9	17,4	25	58
2 1/2	16,7	17,3	15	69
3	14,5	14,9	10	78
4	10,5	10,8	4	96

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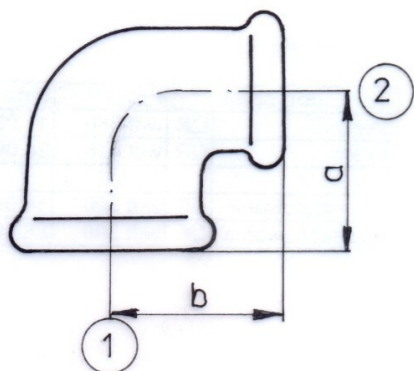
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ELBOW 90° REDUCING



90/6



PN, EN, ISO
CATALOGUE INTERNATIONAL
CATALOGUE EE

A1
90
6

Dimension [inch] (1)x(2)	Weight of carton [kg]		Quantity in carton [pc.]	Dimension [mm]	
	black	galv		a	b
3/8x1/4	10,4	11,2	200	23	23
1/2x1/4	10,5	10,8	150	24	24
1/2x3/8	11,6	11,9	150	26	26
3/4x1/4	9,5	10,1	100	26	27
3/4x3/8	10,3	10,8	100	28	28
3/4x1/2	11,6	12,2	100	30	31
1x3/8	21,9	22,7	150	30	32
1x1/2	29,3	30,5	150	32	34
1x3/4	18,9	19,2	100	35	36
1 1/4x1/2	19,4	22	80	35	38
1 1/4x3/4	21,4	21,8	80	36	41
1 1/4x1	21,6	22,8	70	40	42
1 1/2x1/2	22,2	23,6	80	36	43
1 1/2x3/4	21,6	22,3	70	38	44
1 1/2x1	21,4	21,9	60	42	46
1 1/2x1 1/4	22	22,8	50	46	48
2x1/2	21,4	23,2	55	38	48
2x3/4	21,2	21,6	50	40	50
2x1	22,2	22,7	50	44	52
2x1 1/4	21,8	23,3	40	48	54
2x1 1/2	20,7	22,1	35	52	55
2 1/2x1 1/2	21,8	23	23	55	63
2 1/2x2	21,9	23	23	61	66
3x1 1/2	22,6	23,6	20	58	71
3x2	20,9	21,7	16	64	73
3x2 1/2	23,1	24	15	72	76

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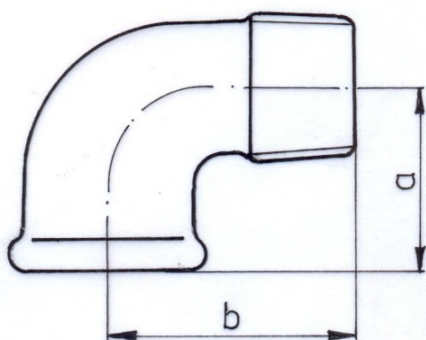
ELBOW 90° EQUAL

PN, EN, ISO
CATALOGUE INTERNATIONAL
CATALOGUE EE

A4
92
7

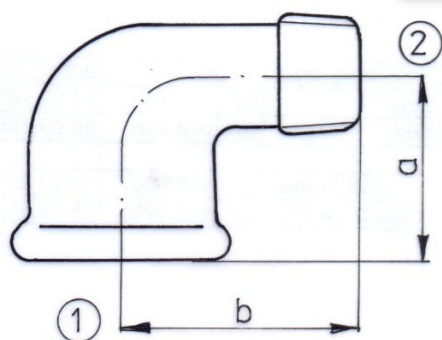


92/7



Dimension [inch]	Weight of carton [kg]		Quantity in carton [pc.]	Dimension [mm]	
	black	galv		a	b
1/4	11,4	12,3	300	21	28
3/8	13,8	14,5	250	25	32
1/2	14,4	14,9	150	28	37
3/4	10,9	11,1	80	33	43
1	21,7	22,6	100	38	52
1 1/4	20,8	21,5	55	45	60
1 1/2	21,5	22,5	45	50	65
2	16,8	17,5	25	58	74
2 1/2	15,8	16,1	15	69	88
3	15,7	16,3	10	78	98
4	11,3	11,6	4	96	118

ELBOW 90° REDUCING



Dimension [inch] (1)x(2)	Quantity of carton [kg]		Quantity in carton [pc.]	Dimension [mm]	
	black	galv		a	b
1/2x3/8	10,5	10,8	150	26	33
3/4x1/2	9	10	80	30	40
1x3/4	22,2	23,6	120	35	46

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ELBOW 90°

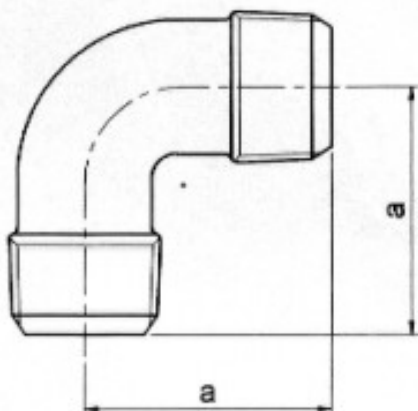


94

CATALOGUE INTERNATIONAL
CATALOGUE EE

94
94

Dimension [inch]	Weight of carton [kg]		Quantity in carton [pc.]	Dimension a [mm]
	black	galv		
1/2	8,2	8,5	100	37
3/4	7	7,1	60	40
1	6	6,2	30	47



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UNION ELBOW, FLAT SEAT

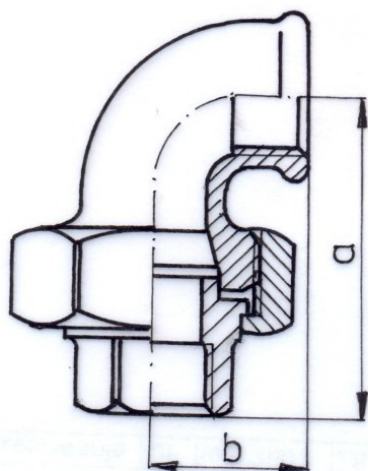


95/9

PN, EN, ISO
CATALOGUE INTERNATIONAL
CATALOGUE EE

UA1
95
9

Dimension [inch]	Weight of carton [kg]		Quantity in carton [pc.]	Dimension [mm]	
	black	galv		a	b
3/8	12,6	13,1	80	52	25
1/2	17,2	17,8	60	58	28
3/4	13,8	14,4	40	62	33
1	20,4	21,2	45	72	38
1 1/4	20,2	21,1	25	82	45
1 1/2	19,1	19,8	20	90	50
2	21,5	22,2	15	100	58



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UNION ELBOW, TAPER SEAT

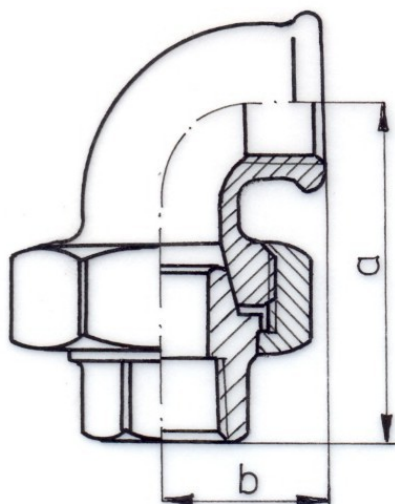


96/10

PN, EN, ISO
CATALOGUE INTERNATIONAL
CATALOGUE EE

UA11
96
10

Dimension [inch]	Weight of carton [kg]		Quantity in carton [pc.]	Dimension [mm]	
	black	galv		a	b
3/8	12,6	13,1	80	52	25
1/2	17,4	18,1	60	58	28
3/4	16,4	17	45	62	33
1	21,2	22	45	72	38
1 1/4	20,9	21,4	25	82	45
1 1/2	19,7	20,5	20	90	50
2	22,9	23,7	15	100	58



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UNION ELBOW, FLAT SEAT

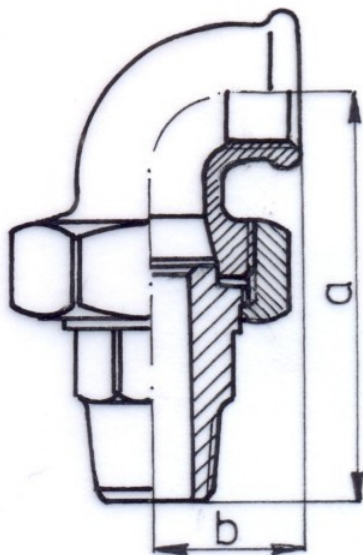


97/11

PN, EN, ISO
CATALOGUE INTERNATIONAL
CATALOGUE EE

UA2
97
11

Dimension [inch]	Weight of carton [kg]		Quantity in carton [pc.]	Dimension [mm]	
	black	galv		a	b
3/8	12,2	12,9	70	65	25
1/2	15,9	16,5	50	76	28
3/4	15,6	16,2	40	82	33
1	21,7	22,4	40	94	38
1 1/4	23,6	24,7	25	107	45
1 1/2	23	23,7	20	115	50
2	22,5	23,4	14	128	58



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UNION ELBOW, FLATSEAT

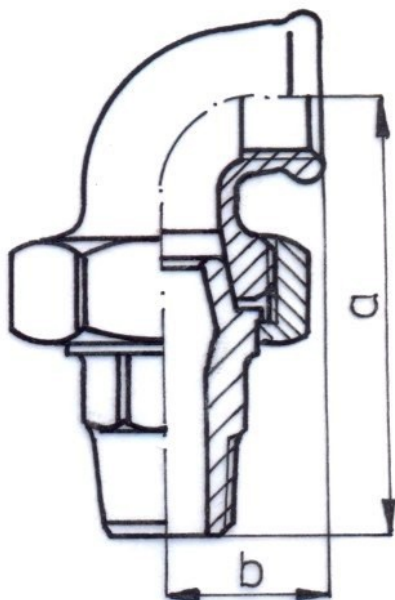


98/12

PN, EN, ISO
CATALOGUE INTERNATIONAL
CATALOGUE EE

UA12
98
12

Dimension [inch]	Weight of carton [kg]		Quantity in carton [pc.]	Dimension [mm]	
	black	galv		a	b
3/8	11,8	12,4	70	65	25
1/2	16,1	16,6	50	76	28
3/4	14,3	14,8	35	82	33
1	22,5	23,3	40	94	38
1 1/4	23	23,7	24	107	45
1 1/2	22,9	23,7	20	115	50
2	21,3	22,2	13	128	58



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ELBOW 45°

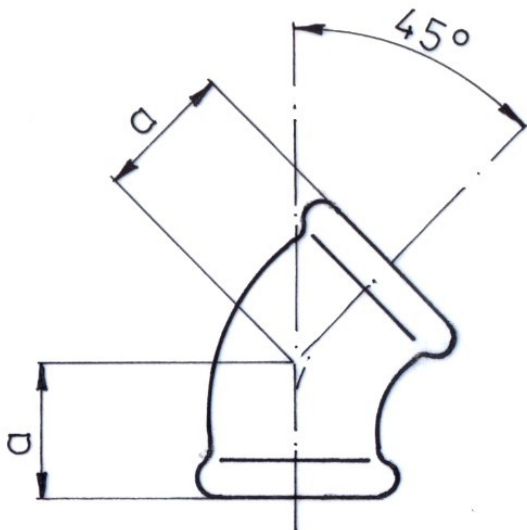


PN, EN, ISO
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CATALOGUE EE

A1/45°
120
5

Dimension [inch]	Weight of carton [kg]		Quantity in carton [pc.]	Dimension a [mm]
	black	galv		
1/2	12,3	12,9	150	22
3/4	10,4	10,8	80	25
1	19,8	20,7	100	28

120/5



FITTINGS EE

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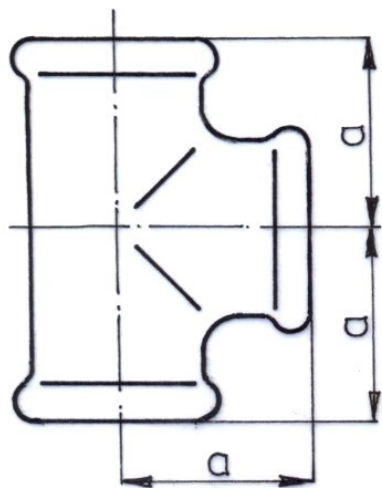
TEE, EQUAL

PN, EN, ISO
CATALOGUE INTERNATIONAL
CATALOGUE EE

B1
130
25



130/25



Dimension [inch]	Weight of carton [kg]		Quantity in carton [pc.]	Dimension [mm]
	black	galv		a
1/4	9,3	9,5	150	21
3/8	9,1	9,6	120	25
1/2	13,4	13,7	100	28
3/4	10,4	10,7	50	33
1	20,9	22,3	70	38
1 1/4	21,3	21,6	40	45
1 1/2	18,5	19	30	50
2	17,7	18,4	20	58
2 1/2	14,5	14,5	10	69
3	16,9	17,5	8	78
4	13,6	14,1	4	96

FITTINGS EE

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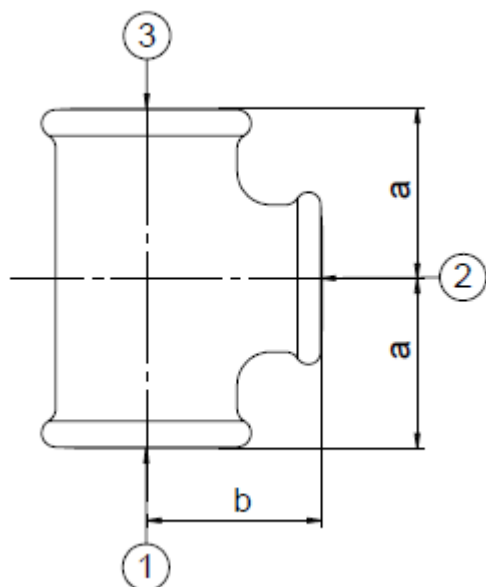
TEE, REDUCING OR INCREASING

PN, EN, ISO
CATALOGUE INTERNATIONAL
CATALOGUE EE

B1
130
25



1 130/25



Dimension [inch] (1)x(2)x(3)	Weight of carton [kg]		Quantity in carton [pc.]	Dimension [mm]	
	black	galv		a	b
3/8x1/4x3/8	7,4	7,8	120	23	23
1/2x1/4x1/2	9,5	10,3	100	24	24
1/2x3/8x1/2	10,3	10,8	100	26	26
3/4x1/4x3/4	8,2	8,6	60	26	27
3/4x3/8x3/4	8,9	9,7	60	28	28
3/4x1/2x3/4	10,4	10,8	60	30	31
1x3/8x1	21,8	22,4	100	30	32
1x1/2x1	25,8	26,8	100	32	34
1x3/4x1	23	23,8	80	35	36
1 1/4x3/8x1 1/4	19,3	19,9	60	32	36
1 1/4x1/2x1 1/4	21	21,8	60	34	38
1 1/4x3/4x1 1/4	17,5	18,4	50	36	41
1 1/4x1x1 1/4	20,7	21,8	50	40	42
1 1/2x1/2x1 1/2	16,3	16,8	40	36	42
1 1/2x3/4x1 1/2	17	17,8	40	38	44
1 1/2x1x1 1/2	13,7	14,1	30	42	46
1 1/2x1 1/4x1 1/2	15,9	16,4	30	46	48
2x1/2x2	16	17	30	38	48
2x3/4x2	16,8	17,6	30	40	50
2x1x2	12,9	13,2	20	44	52
2x1 1/4x2	14,2	14,6	20	48	54
2x1 1/2x2	15,4	15,8	20	52	55
2 1/2x3/4x2 1/2	17,2	18,2	20	46	59
2 1/2x1x2 1/2	18,2	18,8	20	47	60
2 1/2x1 1/4x2 1/2	15,9	16,2	15	52	62
2 1/2x1 1/2x2 1/2	17	17,3	15	55	63
2 1/2x2x2 1/2	18,4	19	15	61	66
3x1x3	12,7	13,4	10	51	67
3x1 1/4x3	14,2	14,7	10	55	70
3x1 1/2x3	12,6	13,3	10	58	71
3x2x3	12,6	13,2	8	64	73
3x2 1/2x3	14,7	15,1	8	72	76
4x1 1/4x4	8,4	8,6	4	62	82
4x1 1/2x4	8,5	8,9	4	65	82
4x2x4	9,6	9,8	4	70	86
4x2 1/2x4	10,7	10,8	4	79	89
4x3x4	11	11,3	4	84	92

FITTINGS EE

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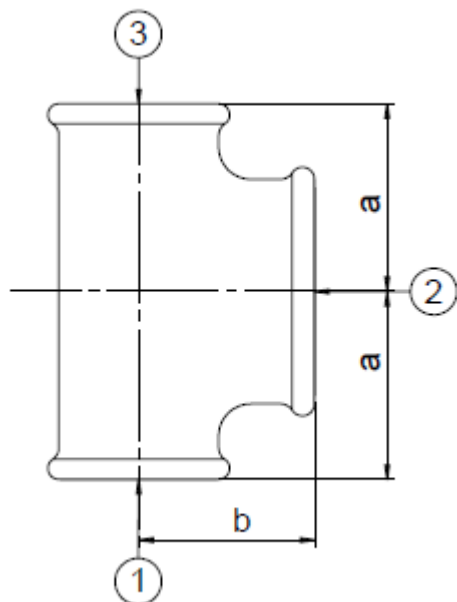


1 130/25

PN, EN, ISO
CATALOGUE INTERNATIONAL
CATALOGUE EE

**B1
130
25**

Dimension [inch] (1)x(2)x(3)	Weight of carton [kg]		Quantity in carton [pc.]	Dimension [mm]	
	black	galv		a	b
3/8x1/2x3/8	9,3	9,7	100	26	26
1/2x3/4x1/2	11	11,4	70	31	30
1/2x1x1/2	19	19	100	34	32
3/4x1x3/4	22,3	23	100	36	35
1x1 1/4x1	18,8	19,1	50	42	40
1x1 1/2x1	12,6	13,7	30	46	42
1 1/4x1 1/2x1 1/4	16,4	17	30	48	46
1 1/4x2x1 1/4	22,6	23,8	35	54	48
1 1/2x2x1 1/2	13,7	14,4	20	55	52
2x2 1/2x2	16	16,6	15	66	61
2x3x2	10,6	10,9	8	73	64



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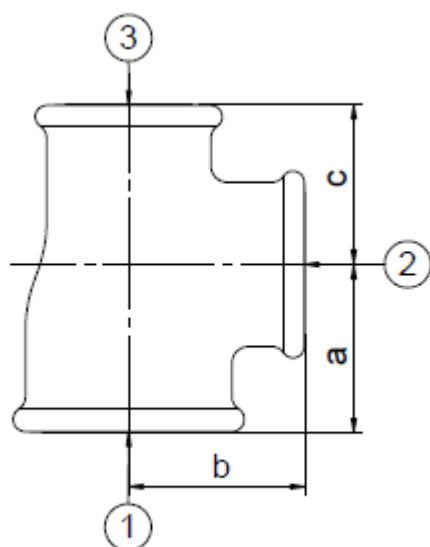
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24

TEE, REDUCING OR INCREASING



1 130/25



PN, EN, ISO
CATALOGUE INTERNATIONAL
CATALOGUE EE

B1
130
25

Dimension [inch] (1)x(2)x(3)	Weight of carton [kg]		Quantity in carton [pc.]	Dimension [mm]		
	black	galv		a	b	c
1/2x3/8x3/8	9,2	9,4	100	26	26	25
3/4x3/8x3/8	19	20	150	28	28	25
3/4x3/8x1/2	7,6	7,9	60	28	28	26
3/4x1/2x1/2	8,6	8,9	60	30	31	28
1x1/2x1/2	22,3	22,9	120	32	34	28
1x1/2x3/4	24,8	25,4	120	32	34	30
1x3/4x1/2	24	24,8	120	34	35	30
1x3/4x3/4	17,5	18,2	80	35	36	33
1 1/4x1/2x1	14,5	14,8	50	34	38	32
1 1/4x3/4x3/4	15,3	15,8	50	36	41	33
1 1/4x3/4x1	16,8	17,1	50	36	41	35
1 1/4x1x1	20,7	21,1	50	40	42	38
1 1/2x1/2x3/4	10,5	10,7	35	36	42	30
1 1/2x1x3/4	11,7	12,6	30	42	46	36
1 1/2x1x1	19,5	21,3	50	42	46	38
1 1/2x1x1 1/4	18,6	19	40	42	46	40
1 1/2x1 1/4x1 1/4	23	24	40	46	48	45
2x1 1/2x1 1/2	10,7	11,1	15	52	55	50

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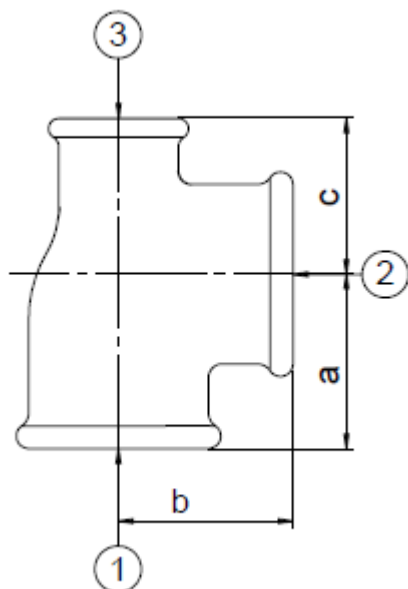


1 130/25

PN, EN, ISO
CATALOGUE INTERNATIONAL
CATALOGUE EE

B1
130
25

Dimension [inch] (1)x(2)x(3)	Weight of carton [kg]		Quantity in carton [pc.]	Dimension [mm]		
	black	galv		a	b	c
1/2x1/2x3/8	11,1	11,4	100	28	28	26
3/4x3/4x1/2	8,7	9,2	50	33	33	31
1x1x1/2	19,3	20,2	80	38	38	34
1x1x3/4	18,7	19,7	70	38	38	36
1 1/4x1 1/4x3/4	21,6	22,7	50	45	45	41
1 1/4x1 1/4x1	18	18,5	40	45	45	42
1 1/2x1 1/2x1 1/4	18,7	19	30	50	50	48



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PITCHER TEE, EQUAL

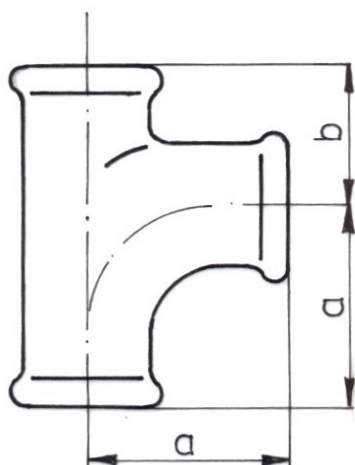


131/31

PN, EN, ISO
CATALOGUE INTERNATIONAL
CATALOGUE EE

E1
131
31

Dimension [inch]	Weight of carton [kg]		Quantity in carton [pc.]	Dimension [mm]	
	czarne	białe		a	b
1/2	9,1	9,3	50	45	29
3/4	8,6	8,7	30	50	34
1	18,8	19,4	40	63	40
1 1/4	19,7	19,8	25	79	44
1 1/2	14,9	15,4	15	85	48
2	13,9	14,3	10	102	58



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27

TEE, EQUAL

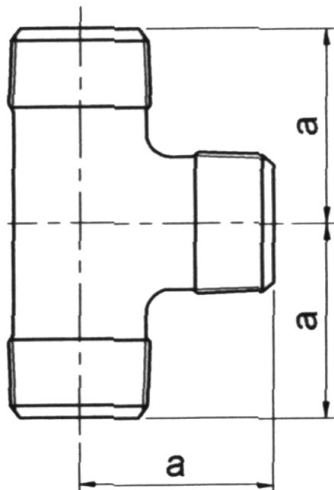


135

CATALOGUE INTERNATIONAL
CATALOGUE EE

135
135

Dimension [inch]	Weight of carton [kg]		Quantity in carton [pc.]	Dimension a [mm]
	black	galv		
1	12,2	12,7	40	48



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28

TEE 45° EQUAL

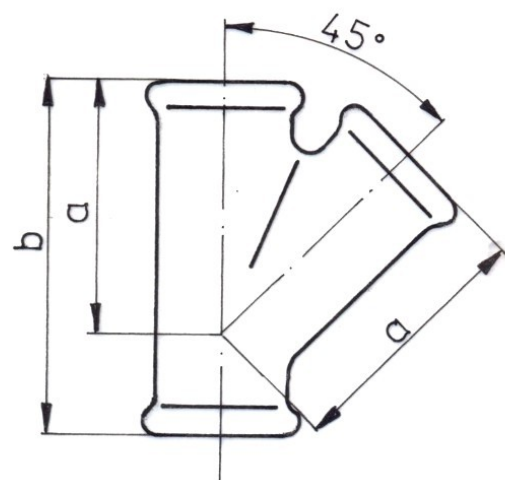


165/30

CATALOGUE INTERNATIONAL
CATALOGUE EE

**165
30**

Dimension [inch]	Weight of carton [kg]		Quantity in carton [pc.]	Dimension [mm]	
	black	galv		a	b
1/2	9,6	9,9	50	53	75
3/4	9,5	9,8	30	66	91
1	20,6	21,5	40	80	109
1 1/4	20,3	21,2	25	95	130
1 1/2	16	16,3	15	105	142
2	15	16	10	126	170



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29

CROSS, EQUAL

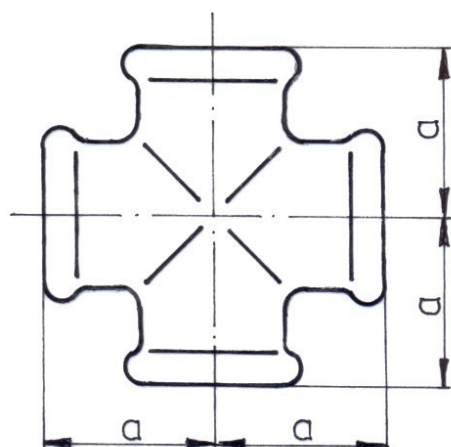


180/34

PN, EN, ISO
CATALOGUE INTERNATIONAL
CATALOGUE EE

C1
180
34

Dimension [inch]	Weight of carton [kg]		Quantity in carton [pc.]	Dimension a=b=c [mm]
	black	galv		
3/8	9,7	10	100	25
1/2	9,3	9,5	60	28
3/4	9,2	9,8	40	33
1	24,4	25	60	38
1 1/4	16	16,3	25	45
1 1/2	16	16,4	20	50
2	11,1	11,1	10	58
2 1/2	11,5	11,8	7	69
3	9,7	10	4	78
4	12,2	12,5	3	96



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30

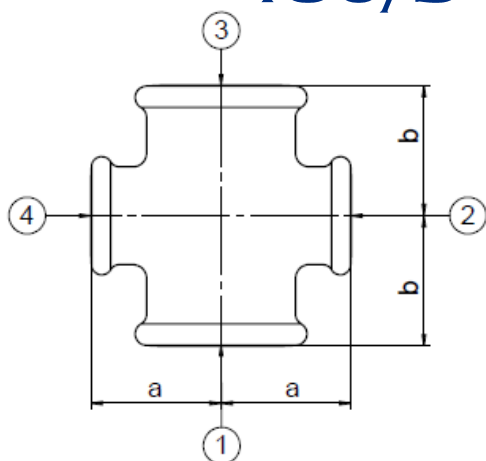
CROSS, REDUCING



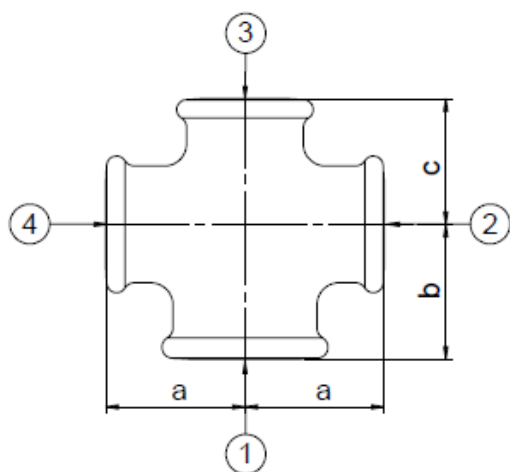
PN, EN, ISO
CATALOGUE INTERNATIONAL
CATALOGUE EE

C1
180
34

180/34



Dimension [inch] (1)x(2)x(3)x(4)	Weight of carton [kg]		Quantity in carton [pc.]	Dimension [mm]	
	black	galv		a	b
1/2x3/8x1/2x3/8	8	8,2	60	26	26
3/4x3/8x3/4x3/8	7,4	7,6	50	28	28
3/4x1/2x3/4x1/2	10,2	10,4	50	31	30
1x1/2x1x1/2	15,5	15,9	60	34	32
1x3/4x1x3/4	17,4	18,1	60	36	35
1 1/4x1/2x1 1/4x1/2	9,9	10,3	30	38	34
1 1/2x3/4x1 1/2x3/4	12,7	13,2	25	44	38
2x3/4x2x3/4	10,4	10,7	15	50	40



Dimension [inch] (1)x(2)x(3)x(4)	Weight of carton [kg]		Quantity in carton [pc.]	Dimension [mm]		
	black	galv		a	b	c
3/4x1/2x1/2x1/2	8,5	8,7	50	31	30	28

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31

Y PIECE

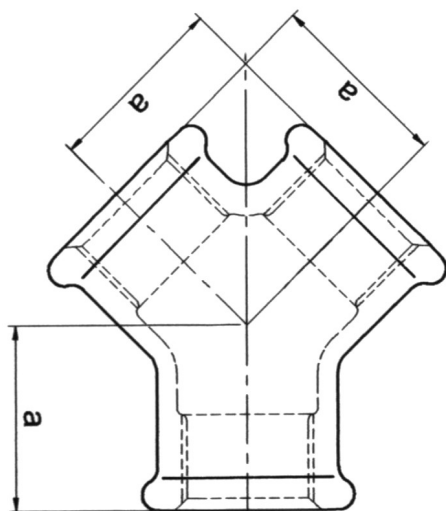


220

CATALOGUE INTERNATIONAL
CATALOGUE EE

220
220

Dimension [inch]	Weight of carton [kg]		Quantity in carton [pc]	Dimension a [mm]
	black	galv		
1/2	6,4	6,7	50	27
3/4	6,4	6,5	30	33
1	12,8	13,2	40	40



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SIDE OUTLET ELBOW

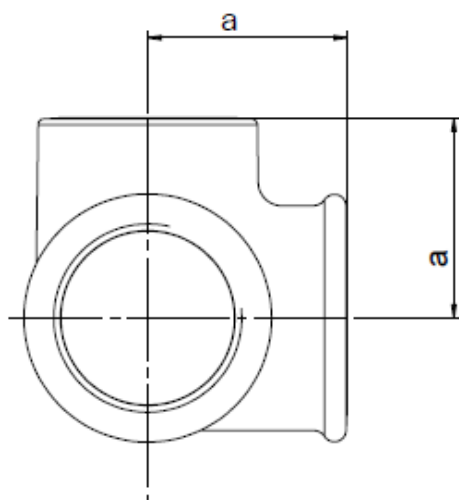


221/33

PN, EN, ISO
CATALOGUE INTERNATIONAL
CATALOGUE EE

Za1
221
33

Dimension [inch]	Weight of carton [kg]		Quantity in carton [pc.]	Dimension a [mm]
	black	galv		
3/8	8,3	8,6	100	25
1/2	9,3	9,6	80	28
3/4	9,4	10,4	50	33
1	20,7	21,6	70	38
1 1/4	18,8	19,3	35	45
1 1/2	15,6	15,9	25	50
2	14,4	14,8	15	58



FITTINGS EE
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SOCKET REDUCING

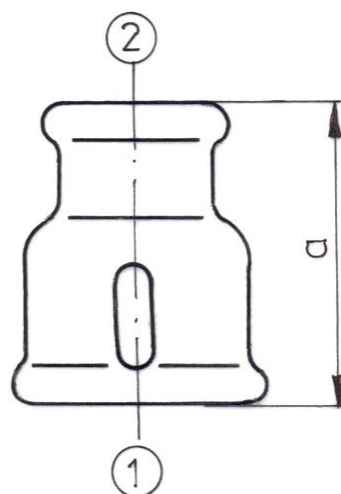
PN, EN, ISO
CATALOGUE INTERNATIONAL
CATALOGUE EE

M2
240
3



1

240/3



Dimension [inch] (1)x(2)	Weight of carton [kg]		Quantity in carton [pc.]	Dimension a [mm]
	black	galv		
3/8x1/4	10	10,8	250	30
1/2x1/4	12,8	13,2	200	36
1/2x3/8	12,8	13,6	200	36
3/4x3/8	8,2	8,8	100	39
3/4x1/2	10	10,2	100	39
1x1/4	23,2	23,8	180	45
1x3/8	23,2	23,6	190	45
1x1/2	24,8	26,1	180	45
1x3/4	23,4	23,9	150	45
1 1/4x3/8	22	22,5	100	50
1 1/4x1/2	22,4	23,1	100	50
1 1/4x3/4	22,8	23,8	100	50
1 1/4x1	22,7	23,4	100	50
1 1/2x1/2	23,4	23,5	85	55
1 1/2x3/4	23,4	24,6	85	55
1 1/2x1	23,4	24,4	80	55
1 1/2x1 1/4	21,4	23,3	75	55
2x1/2	20	20,3	50	65
2x3/4	18,4	19	50	65
2x1	21,7	22,2	50	65
2x1 1/4	21,6	22,3	50	65
2x1 1/2	17,9	18,1	40	65
2 1/2x1	19,4	20,9	30	74
2 1/2x1 1/4	19,2	20,1	30	74
2 1/2x1 1/2	20,7	21,5	30	74
2 1/2x2	17,7	18,6	25	74
3x1	21,2	22,4	25	80
3x1 1/4	22,7	23,5	25	80
3x1 1/2	23	23,3	25	80
3x2	23,3	24,1	25	80
3x2 1/2	20,9	21,4	20	80
4x1 1/2	21,9	22,7	15	94
4x2	20,7	21,8	15	94
4x2 1/2	20	21,7	15	94
4x3	22,4	23,7	15	94

FITTINGS EE

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34

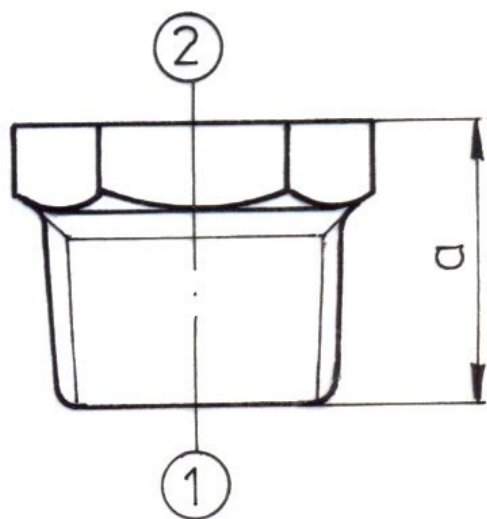
REDUCING BUSH

PN, EN, ISO
CATALOGUE INTERNATIONAL
CATALOGUE EE

N4
241
45



241/45



Dimension [inch] (1)x(2)	Weight of carton [kg]		Quantity in carton [pc.]	Dimension a [mm]
	black	galv		
3/8x1/4	7,2	7,6	400	20
1/2x1/4	12,6	13,2	300	24
1/2x3/8	8,7	9,3	300	24
3/4x1/4	13,6	14	200	26
3/4x3/8	11,4	11,8	200	26
3/4x1/2	10,2	10,6	200	26
1x3/8	20,4	21	200	29
1x1/2	22,2	22,7	220	29
1x3/4	20,8	21,5	250	29
1 1/4x3/8	20,6	21	100	29
1 1/4x1/2	19,3	19,8	100	31
1 1/4x3/4	21	21,7	120	31
1 1/4x1	21,8	21,9	150	31
1 1/2x1/2	22,2	22,8	90	31
1 1/2x3/4	22,1	22,5	90	31
1 1/2x1	21,4	21,8	100	31
1 1/2x1 1/4	21,6	22,5	150	31
2x1/2	21,6	22,4	60	35
2x3/4	20,2	20,4	55	35
2x1	20,5	20,7	55	35
2x1 1/4	21	21,5	60	35
2x1 1/2	22,6	23,1	80	35
2 1/2x1	23	23,6	40	40
2 1/2x1 1/4	21	21,3	36	40
2 1/2x1 1/2	19,9	20,5	36	40
2 1/2x2	20,9	21,2	45	40
3x1	21	21,4	24	44
3x1 1/4	26,4	27	30	44
3x1 1/2	23,5	23,8	27	44
3x2	21,4	21,9	26	44
3x2 1/2	18,3	18,6	30	44
4x1	22,7	23,1	15	51
4x1 1/4	24,2	24,5	15	51
4x1 1/2	20,3	21	15	51
4x2	23,9	24,2	15	51
4x2 1/2	20,3	20,9	13	51
4x3	20,3	20,6	15	51

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35

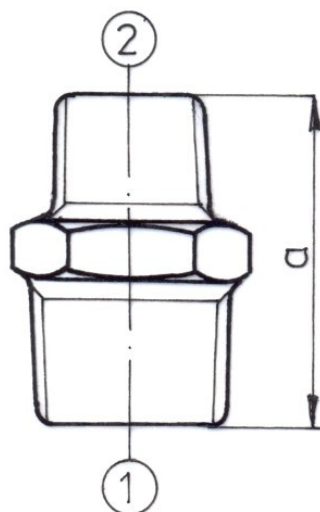
HEXAGON NIPPLE, REDUCING



2

1

245/40



PN, EN, ISO
CATALOGUE INTERNATIONAL
CATALOGUE EE

N8
245
40

Dimension [inch] (1)x(2)	Weight of carton [kg]		Quantity in carton [pc.]	Dimension a [mm]
	black	galv		
3/8x1/4	8,8	9,5	250	38
1/2x1/4	10,2	10,6	200	44
1/2x3/8	9	9,5	150	44
3/4x3/8	12,5	13,1	150	47
3/4x1/2	13,1	13,5	150	47
1x3/8	22,5	23	180	53
1x1/2	21,2	21,6	150	53
1x3/4	24,1	25	180	53
1 1/4x1/2	20,9	21,8	100	57
1 1/4x3/4	20,4	21,5	100	57
1 1/4x1	22,2	22,9	100	57
1 1/2x1/2	18,7	19,4	80	59
1 1/2x3/4	20,1	20,9	80	59
1 1/2x1	22,5	23,2	80	59
1 1/2x1 1/4	17,3	18,1	60	59
2x1/2	19,3	20,5	50	68
2x3/4	19,9	20,8	50	68
2x1	21,3	21,7	50	68
2x1 1/4	19,7	20,4	45	68
2x1 1/2	18,5	19	45	68
2 1/2x1	23,1	23,8	34	75
2 1/2x1 1/4	23,6	24,2	33	75
2 1/2x1 1/2	23,3	23,9	32	75
2 1/2x2	22,1	23	35	75
3x2	19,8	20	20	83
3x2 1/2	18,9	19,1	20	83

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THE STRONG ELEMENT OF EVERY SYSTEM





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GRUPA GWARANT

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36

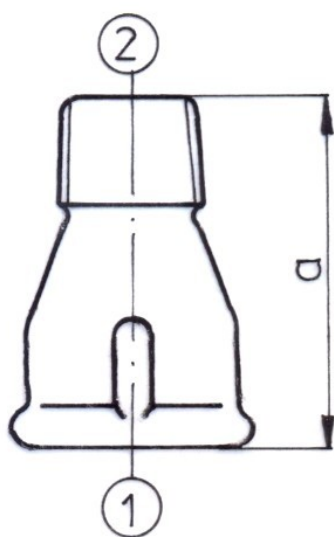
SOCKET, REDUCING



2

1

246



PN, EN, ISO
CATALOGUE INTERNATIONAL
CATALOGUE EE

M4
246
246

Dimension [inch] (1)x(2)	Weight of carton [kg]		Quantity in carton [pc.]	Dimension a [mm]
	black	galv		
3/8x1/4	7	7,4	200	35
1/2x1/4	11,4	11,8	200	43
1/2x3/8	7,9	8,4	120	43
3/4x3/8	7,3	7,6	80	48
3/4x1/2	9,5	10,2	100	48
1x1/2	20,6	22,4	150	55
1x3/4	21,5	21,9	150	55
1 1/4x3/4	22,3	23,5	100	60
1 1/4x1	22,7	24	95	60
1 1/2x1	22,9	23,8	80	63
1 1/2x1 1/4	22,4	23,2	70	63
2x1 1/4	21,7	22,4	50	70
2x1 1/2	22	22,5	50	70

FITTINGS EE

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37

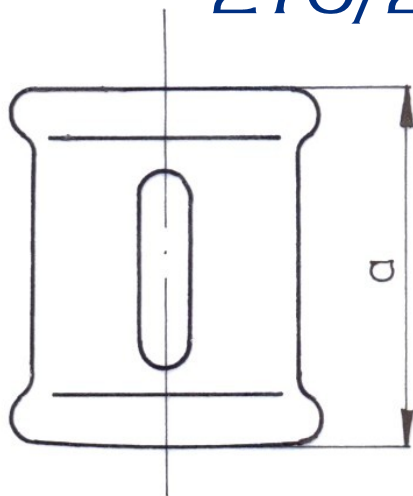
SOCKET, EQUAL

PN, EN, ISO
CATALOGUE INTERNATIONAL
CATALOGUE EE

M2
270
2



270/2



Dimension [inch]	Weight of carton [kg]		Quantity in carton [pc.]	Dimension a [mm]
	black	galv		
1/4	7,4	7,8	200	27
3/8	8,3	8,6	180	30
1/2	13,1	13,7	180	36
3/4	10,6	10,9	100	39
1	24	24,6	150	45
1 1/4	20,3	20,6	80	50
1 1/2	19,5	20,1	70	55
2	11,9	12,2	30	65
2 1/2	14	14,5	20	74
3	10	10,2	10	80
4	16,7	17,4	10	94

FITTINGS EE
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GRUPA GWARANT

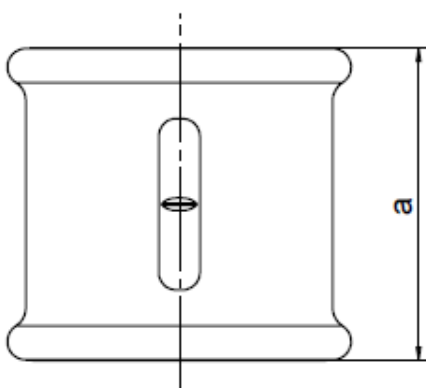
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38

SOCKET, RIGHT AND LEFT HAND THREAD



271/1



PN, EN, ISO
CATALOGUE INTERNATIONAL
CATALOGUE EE

M2 R-L
271
1

Dimension [inch]	Weight of carton [kg]		Quantity in carton [pc.]	Dimension a [mm]
	black	galv		
3/8	7,2	7,4	180	30
1/2	12,1	12,4	180	36
3/4	10,5	10,8	100	39
1	22,1	23,4	150	45
1 1/4	20,5	21	80	50
1 1/2	20,9	22,1	70	55
2	13,1	13,3	30	65
2 1/2	14,9	15,2	20	74
3	9,8	9,9	10	80
4	15,8	16,6	10	94

FITTINGS EE
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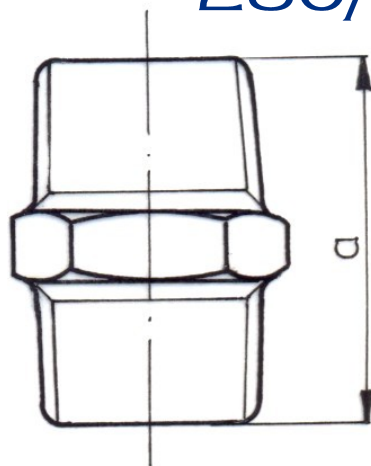
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HEXAGON NIPPLE



280/38



PN, EN, ISO
CATALOGUE INTERNATIONAL
CATALOGUE EE

N8
280
38

Dimension [inch]	Weight of carton [kg]		Quantity in carton [pc.]	Dimension a [mm]
	black	galv		
1/4	10,2	10,5	350	36
3/8	10,8	11	250	38
1/2	11,4	12	160	44
3/4	12,3	12,9	140	47
1	21,5	22,8	130	53
1 1/4	22,2	23,2	80	57
1 1/2	20,9	22,1	75	59
2	20	20,2	40	68
2 1/2	19,5	20	25	75
3	22,6	23,2	20	83
4	14,7	15	8	95



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HEXAGON NIPPLE RIGHT AND LEFT HAND THREAD

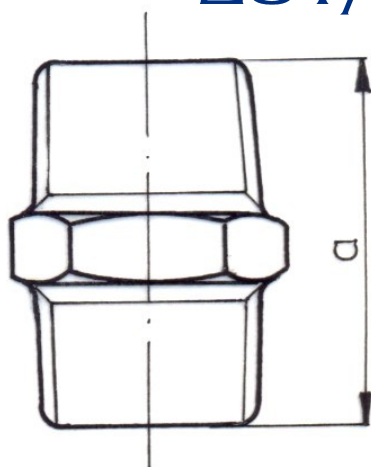


PN, EN, ISO
CATALOGUE INTERNATIONAL
CATALOGUE EE

N8 R-L
281
39

281/39

Dimension [inch]	Weight of carton [kg]		Quantity in carton [pc.]	Dimension a [mm]
	black	galv		
1/4	10,2	10,5	350	36
3/8	10,8	12	250	38
1/2	11,2	11,7	160	44
3/4	12,7	13,2	140	47
1	22,2	23	130	53
1 1/4	21,8	22,7	80	57
1 1/2	22,7	23,6	75	59
2	21	22	40	68



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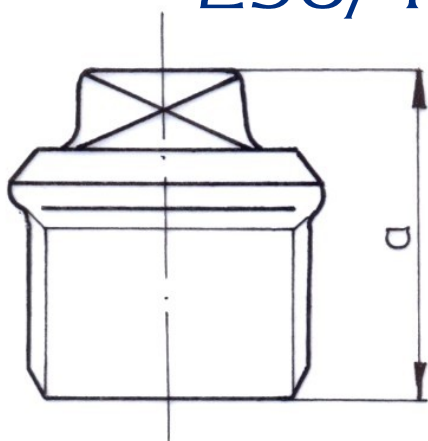
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41

PLUG, BEADED



290/46



PN, EN, ISO
CATALOGUE INTERNATIONAL
CATALOGUE EE

T9
290
46

Dimension [inch]	Weight of carton [kg]		Quantity in carton [pc.]	Dimension a [mm]
	black	galv		
1/4	11,5	13,5	500	25
3/8	15,3	15,8	450	24
1/2	18,6	18,9	350	28
3/4	15	15,6	200	32
1	18	18,8	150	36
1 1/4	18,9	19,1	100	39
1 1/2	17	17,4	80	41
2	22,9	23,5	55	48
2 1/2	21,2	21,9	30	54
3	16,6	17	20	60
4	18,8	19,5	10	70

FITTINGS EE
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42

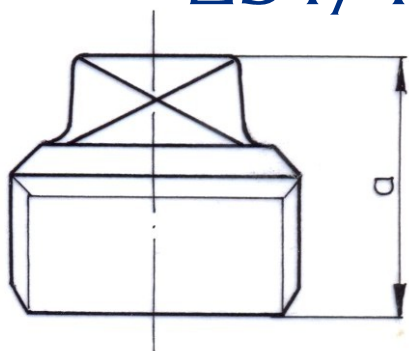
PLUG, PLAIN

PN, EN, ISO
CATALOGUE INTERNATIONAL
CATALOGUE EE

T8
291
47



291/47



Wymiar [cale]	Waga kartonu [kg]		Ilość w kartonie [szt.]	Wymiar a [mm]
	czarne	białe		
1/4	5	6	500	16,5
3/8	7,7	8,6	450	19,5
1/2	8,8	9,5	350	20,5
3/4	9,8	10	200	24,5
1	18	18,8	250	25
1 1/4	12,7	13,2	100	29
1 1/2	12,2	12,6	80	30
2	16,1	16,3	60	36
2 1/2	13,1	13,7	30	39
3	13	13,2	20	44
4	14,1	14,7	12	58

FITTINGS EE
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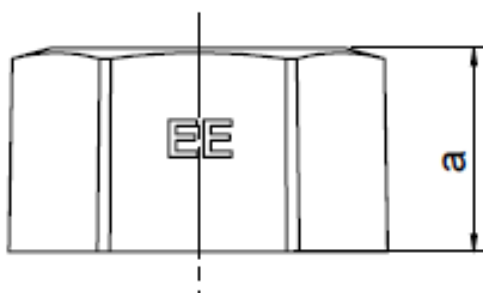
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43

CAP



300/43



PN, EN, ISO
CATALOGUE INTERNATIONAL
CATALOGUE EE

T1
300
43

Dimension [inch]	Weight of carton [kg]		Quantity in carton [pc.]	Dimension a [mm]
	black	galv		
1/4	9,6	10	400	15
3/8	9,9	10,2	300	17
1/2	13,8	14,3	250	22,5
3/4	16,4	17,2	200	25
1	20,7	21,3	150	27,5
1 1/4	20,9	21,6	100	30
1 1/2	16,2	16,9	70	30
2	21,5	22,4	45	35,5
2 1/2	19,1	19,4	30	36,5
3	23	23,9	24	39,5
4	19,5	19,9	10	46,5

FITTINGS EE
THE STRONG ELEMENT OF EVERY SYSTEM





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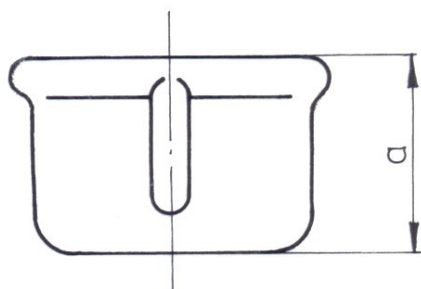
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44

ROUND CAP



301



PN, EN, ISO
CATALOGUE INTERNATIONAL
CATALOGUE EE

T1
301
301

Dimension [inch]	Weight of carton [kg]		Quantity in carton [pc.]	Dimension a [mm]
	black	galv		
3/8	13,6	14	400	18
1/2	12,5	13	250	20
3/4	11,4	11,7	150	23
1	15,9	16,5	150	25
1 1/4	17,7	18,2	100	28
1 1/2	14,9	15,3	70	28
2	13,9	14,1	45	33,5

FITTINGS EE
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45

BACKNUT



310/44



PN, EN, ISO
CATALOGUE INTERNATIONAL
CATALOGUE EE

P4
310
44

Dimension [inch]	Weight of carton [kg]		Quantity in carton [pc.]	Dimension a [mm]
	black	galv		
1/4	7,2	7,8	600	6
3/8	11	11,5	500	7
1/2	12	12,4	400	8
3/4	10,2	10,8	300	9
1	18,9	19,8	300	10
1 1/4	18,8	19,6	200	11
1 1/2	22	23	200	12
2	18,8	19,2	100	13
2 1/2	21,8	22,2	50	16
3	19	20,1	40	19
4	18,4	19,4	20	22

FITTINGS EE
THE STRONG ELEMENT OF EVERY SYSTEM





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46

FLANGE WITHOUT BOLT HOLES

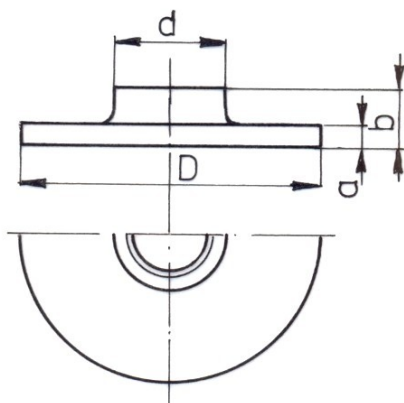
OPERATING PRESURE 0,1 MPa



CATALOGUE INTERNATIONAL
CATALOGUE EE

**321
63**

321/63



Dimension [inch]	Weight of carton [kg]		Quantity in carton [pc.]	Dimension [mm]			
	black	galv		D	d	a	b
3/8	17,7	18	100	75	26	5	12
1/2	8,1	8,3	40	80	32	5	12
3/4	8,1	8,3	30	90	38	5,5	13
1	21,6	22,5	60	100	41	6	14
1 1/4	20,4	21	40	120	51	6,5	15
1 1/2	22,2	22,8	32	130	57	7	16
2	18,2	18,4	20	140	77	8	18
2 1/2	18,7	19,1	15	160	93	9	20
3	19,6	20,2	10	190	107	10	22
4	21,7	22,3	9	210	133	11	24

FITTINGS EE
THE STRONG ELEMENT OF EVERY SYSTEM





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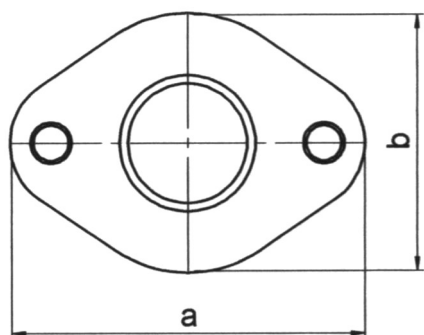
47

SCREWED FLANGE, WITH 2 BOLD HOLES

OPERATING PRESURE 0,6 MPa



326



CATALOGUE INTERNATIONAL
CATALOGUE EE

326
326

Dimension [inch]	Weight of carton [kg]		Quantity in carton [pc.]	Dimension [mm]	
	black	galv		a	b
3/4	9,4	9,5	30	90	64
1	12	12,3	30	100	72
1 1/4	23,8	24,1	40	120	85
1 1/2	24,7	25,6	32	130	95

FITTINGS EE
THE STRONG ELEMENT OF EVERY SYSTEM





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GRUPA GWARANT

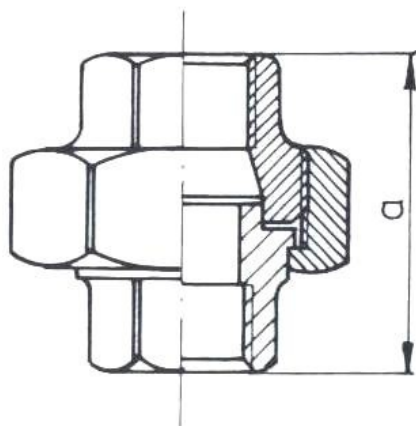
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48

UNION, FLAT SEAT



330/48



PN, EN, ISO
CATALOGUE INTERNATIONAL
CATALOGUE EE

U1
330
48

Dimension [inch]	Weight of carton [kg]		Quantity in carton [pc.]	Dimension a [mm]
	black	galv		
3/8	15,1	15,8	120	45
1/2	18,5	19	80	48
3/4	16,7	17,3	60	52
1	20,4	21,2	65	58
1 1/4	19,2	19,7	35	65
1 1/2	18,2	18,6	25	70
2	21,3	21,9	20	78
2 1/2	18,6	19,2	10	85
3	20,7	21,4	8	95
4	18,7	19	4	110

FITTINGS EE

THE STRONG ELEMENT OF EVERY SYSTEM





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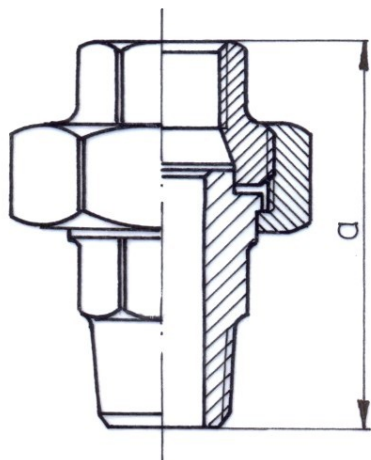
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49

UNION, FLAT SEAT



331/59



PN, EN, ISO
CATALOGUE INTERNATIONAL
CATALOGUE EE

U2
331
59

Dimension [inch]	Weight of carton [kg]		Quantity in carton [pc.]	Dimension a [mm]
	black	galv		
3/8	14,1	14,6	100	58
1/2	10,3	10,6	40	66
3/4	9,5	9,9	30	72
1	22,8	23,5	55	80
1 1/4	20,2	20,9	30	90
1 1/2	22,2	22,8	25	95
2	18,1	18,6	15	106
2 1/2	20,5	21,1	10	118
3	19,9	20,5	6	130

FITTINGS EE

THE STRONG ELEMENT OF EVERY SYSTEM



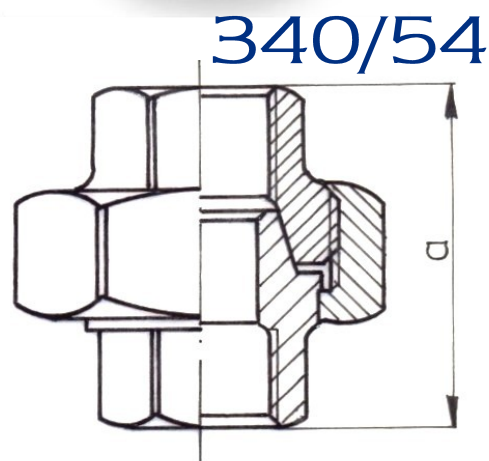


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50

UNION, TAPER SEAT



PN, EN, ISO
CATALOGUE INTERNATIONAL
CATALOGUE EE

U11
340
54

Dimension [inch]	Weight of carton [kg]		Quantity in carton [pc.]	Dimension a [mm]
	black	galv		
3/8	16	16,4	120	45
1/2	18,8	19,4	80	48
3/4	17	17,6	60	52
1	20,6	21,4	60	58
1 1/4	19,8	20,4	35	65
1 1/2	19,1	19,8	25	70
2	23	23,5	20	78
2 1/2	19	19,4	10	85
3	22,3	23,1	8	95
4	20,2	20,4	4	110

FITTINGS EE
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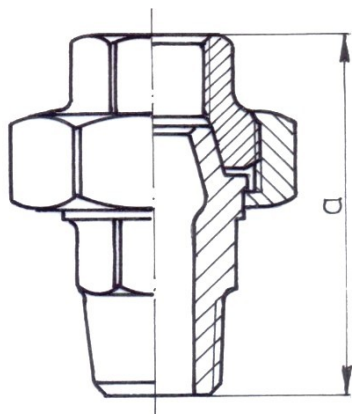
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51

UNION, TAPER SEAT



341/60



PN, EN, ISO
CATALOGUE INTERNATIONAL
CATALOGUE EE

U12
341
60

Dimension [inch]	Weight of carton [kg]		Quantity in carton [pc.]	Dimension a [mm]
	black	galv		
3/8	14,3	15	100	58
1/2	10,6	10,9	40	66
3/4	9,8	10,1	30	72
1	21,8	22,5	50	80
1 1/4	20,7	21,4	30	90
1 1/2	23,1	23,7	25	95
2	19	19,6	15	106
2 1/2	21,7	22,2	10	118
3	21,3	21,8	6	130
4	11,7	11,9	2	153

FITTINGS EE
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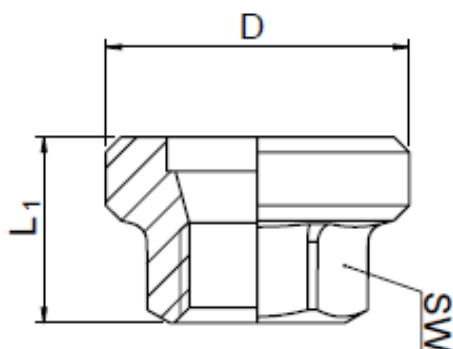
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52

UNION BUSH, FLAT SEAT



370/49



CATALOGUE INTERNATIONAL
CATALOGUE EE

370
49

Dimension [inch]	Weight of carton [kg]		Quantity in carton [pc.]	Dimension		
	black	galv		D (in)	L ₁ (mm)	SW (mm)
3/8	21,5	22	500	7/8	22,5	22
1/2	14	14,2	200	1 1/8	24,5	27
3/4	18,8	19,6	200	1 1/4	27	32
1	23,4	24,6	200	1 1/2	29,5	38
1 1/4	22,2	22,8	100	2	34	48
1 1/2	23,8	24	95	2 1/4	36,5	54
2	18,6	19,2	50	2 3/4	40,5	66
2 1/2	17,2	17,6	25	3 1/2	45	85
3	14,1	14,4	16	4	49,5	96
4	14,8	15	8	5 1/2	58	124

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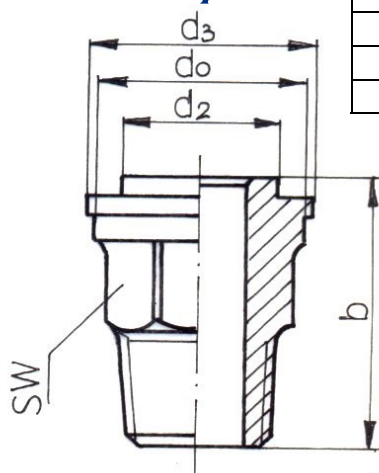
UNION END, FLAT SEAT



CATALOGUE INTERNATIONAL
CATALOGUE EE

**371
50**

371/50



Dimension [inch]	Thread G w 374/52	Weight of carton [kg]		Quantity in carton [pc.]	Dimension [mm]				
		black	galv		b	d ₂	d ₀	d ₃	SW
1/2	G 1 1/8	22,5	23,5	250	41,5	24	32	34,7	24
3/4	G 1 1/4	23,6	24,6	200	46	27	36	38	29
1	G 1 1/2	21,5	21,8	120	52	32	41,5	44,6	36
1 1/4	G 2	23,3	24	80	58,5	42	53	56,4	45
1 1/2	G 2 1/4	19,3	20	50	60,5	46	59	62,5	53
2	G 2 3/4	15,2	15,8	30	67,5	60	74	78,3	66
2 1/2	G 3 1/2	12	12,6	15	75,5	75	92,5	97,1	85

FITTINGS EE

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UNION END, FLAT SEAT

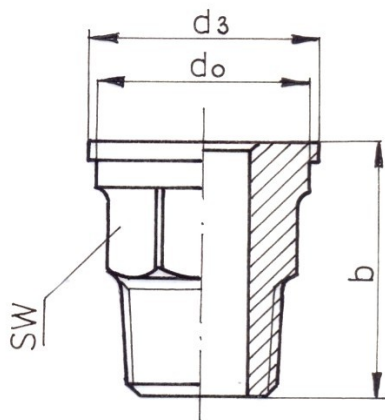
CATALOGUE INTERNATIONAL
CATALOGUE EE

371or
50or



Dimension [inch]	Thread G w 374/52	Weight of carton [kg]		Quantity in carton [pc.]	Dimension [mm]			
		black	galv		b	d _o	d ₃	SW
1/2	G 1 1/8	24	25	250	38,5	32	34,7	24
3/4	G 1 1/4	24,4	25,6	200	43	36	38,7	29
1	G 1 1/2	23,3	23,8	120	49	41,5	44,6	36
1 1/4	G 2	24,1	24,8	80	55	53	56,4	45
1 1/2	G 2 1/4	21	21,5	50	58	59	62,5	53
2	G 2 3/4	16,3	17	30	64	74	78,3	66
2 1/2	G 3 1/2	12,3	12,9	15	71	92,5	97,1	85

371or/50or



FITTINGS EE

THE STRONG ELEMENT OF EVERY SYSTEM





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GRUPA GWARANT

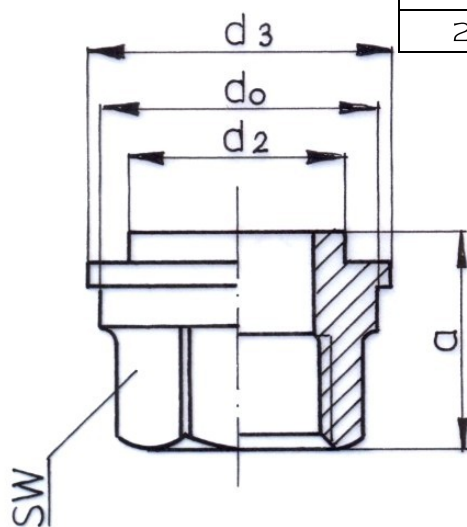
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55

UNION END, FLAT SEAT, EQUAL



372/51



CATALOGUE INTERNATIONAL
CATALOGUE EE

**372
51**

Dimension [inch]	Thread G w 374/52	Weight of carton [kg]		Quantity in carton [pc.]	Dimension [mm]				
		black	galv		a	d ₂	d ₀	d ₃	SW
1/2	G 1 1/8	16	16,5	250	23,5	24	32	34,7	27
3/4	G 1 1/4	19,8	20,8	250	25	27	36	38,7	32
1	G 1 1/2	21	21,6	200	29	32	41,5	44,6	38
1 1/4	G 2	16,6	16,8	100	31,5	42	53	56,4	48
1 1/2	G 2 1/4	22,4	23,3	100	34	46	59	62,5	54
2	G 2 3/4	18,3	19	50	38	60	74	78,3	66
2 1/2	G 3 1/2	15,4	16	25	41,5	75	92,5	97,1	85

FITTINGS EE

THE STRONG ELEMENT OF EVERY SYSTEM





ODLEWNIA ŻELIWA
GRUPA GWARANT

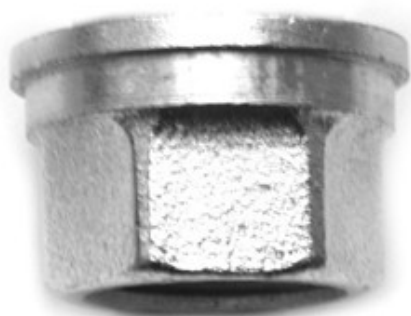
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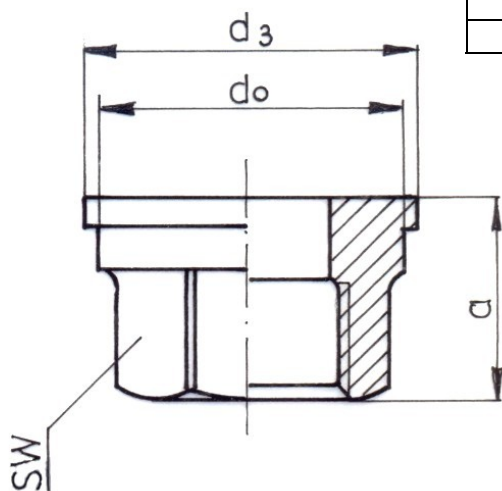
UNION END, FLAT SEAT, EQUAL

CATALOGUE INTERNATIONAL
CATALOGUE EE

372or
51or



372or/51or



Dimension [inch]	Thread G w 374/52	Weight of car- ton [kg]		Quantity in carton [pc.]	Dimension [mm]			
		black	galv		a	d ₀	d ₃	SW
3/8	G 7/8	17	18	500	20,5	25	27,6	22
1/2	G 1 1/8	14,5	15,5	250	20,5	32	34,7	27
3/4	G 1 1/4	18,8	20	250	22	36	38,7	32
1	G 1 1/2	19,4	19,8	200	26	41,5	44,6	38
1 1/4	G 2	15,9	16,3	100	28	53	56,4	48
1 1/2	G 2 1/4	22	22,7	100	30,5	59	62,5	54
2	G 2 3/4	17	17,3	50	34,5	74	78,3	66
2 1/2	G 3 1/2	14,6	15,3	25	37	92,5	97,1	85
3	G 4	13,4	13,5	20	42,5	105	109,6	96
4	G 5 1/2	15,1	15,6	10	49	141,5	147,7	124

FITTINGS EE

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UNION NUT

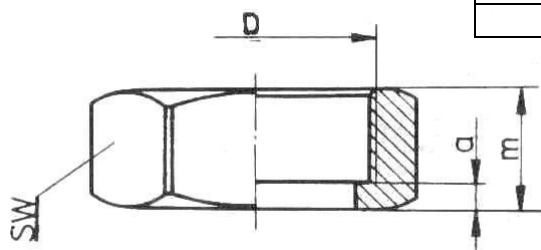


374/52

CATALOGUE INTERNATIONAL
CATALOGUE EE

**374
52**

Dimension [inch]	Weight of carton [kg]		Quantity in carton [pc.]	Dimension [mm]			
	black	galv		D (in)	m(mm)	a(mm)	SW(mm)
3/8	16,8	17,5	350	7/8	17	3,5	36
1/2	19,4	20	200	1 1/8	19	4	46
3/4	15,8	16,2	150	1 1/4	20	4	50
1	23,6	24,4	200	1 1/2	22	5,5	55
1 1/4	24,7	25,4	100	2	24	5,5	70
1 1/2	22,7	23,2	90	2 1/4	25	5,5	75
2	16,3	16,6	50	2 3/4	27	6,5	90
2 1/2	14	14,3	25	3 1/2	30	6,5	110
3	15,6	16,4	15	4	36	10,5	130
4	13,1	13,3	10	5 1/2	36	11	165



FITTINGS EE

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BRACKET ELBOW

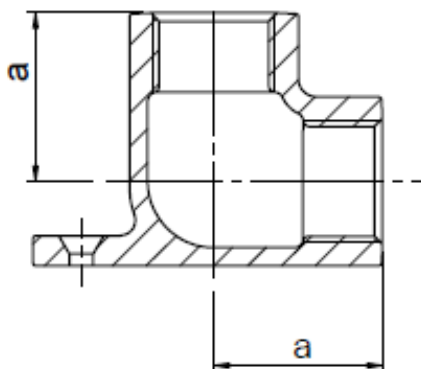


471

CATALOGUE INTERNATIONAL
CATALOGUE EE

471
471

Dimension [inch]	Weight of carton [kg]		Quantity in carton [pc.]	Dimension a [mm]
	black	galv		
1/2	10,9	11	60	28
3/4	10,9	11,1	40	33





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SOCKET, WITH, INTERNAL AND EXTERNAL THREAD

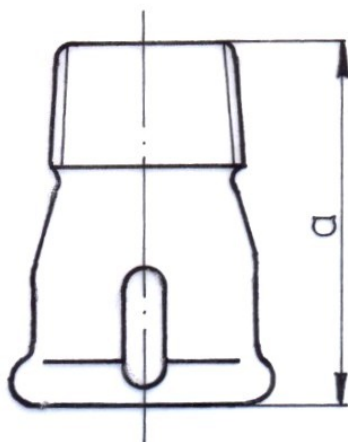


529a

PN, EN, ISO
CATALOGUE INTERNATIONAL
CATALOGUE EE

M4
529a
529a

Dimension [inch]	Weight of carton [kg]		Quantity in carton [pc.]	Dimension a [mm]
	black	galv		
3/8	7,8	8,2	200	35
1/2	8,3	8,6	120	43
3/4	11	11,5	100	48
1	23	24,5	140	55
1 1/4	23,9	24,8	90	60



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60

PLUG, WITH ON MACHINED FACE

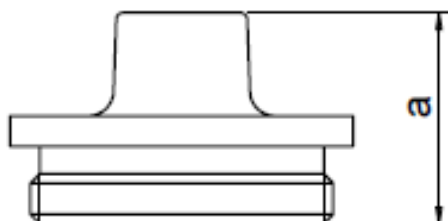


595

CATALOGUE INTERNATIONAL
CATALOGUE EE

595
595

Dimension [inch]	Weight of carton [kg]	Quantity in carton [pc.]	Dimension a [mm]
	black		
1/2	15,1	350	24
2	20,7	70	36



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PUMP CONNECTION SETS OF FITTINGS



623

1 1 set consists of:

- 2 nuts, ref. 374, threaded in accordance with PN-ISO 228/1
- 2 union ends, ref 372, threaded in accordance with PN-ISO 7/1
- 2 synthetic fibre gaskets, no asbestos content
 - max. working temperature, standard 155° – higher to be negotiated
 - max. steam temperature, standard 130° – higher to be negotiated
- sets are made in black (not galvanized), unless the specification indicates the opposite.
- each set is packed in a polybag or shrink foil plus a cardboard box, and labelled.
- manufactured dimensions:

Thread		Dimension (inch)	Weight of carton (kg) black	Quantity in carton [pc]
372/51	374/52			
Rp 3/4	G 1 1/4	3/4x1 1/4	12,6	35
Rp 1	G 1 1/2	1 x 1 1/2	9	20
Rp 1 1/4	G 2	1 1/4 x 2	13	15

FITTINGS EE
THE STRONG ELEMENT OF EVERY SYSTEM

