

Elbows with ELF series female-female hubs, ELMF series male-female hubs and ELM series male-male hubs enable the 90° deviations of pipes.



Classification: 2014/34/UE	Group II	Category 2GD
Installation: EN 60079.14	zone 1 - zone 2 (Gas)	zone 21 - zone 22 (Dust)
Marking:	CE 0722 Ex II 2 GD Ex db IIC Gb Ex tb IIIC Db IP66/67	
	CE 0722 Ex II 2 GD Ex eb IIC Gb Ex tb IIIC Db IP66/67	
Certification:	ATEX	CESI 01 ATEX 104U
	IECEX	IECEX CES 15.0005U
	TR CU	AVAILABLE
	CCoE	AVAILABLE

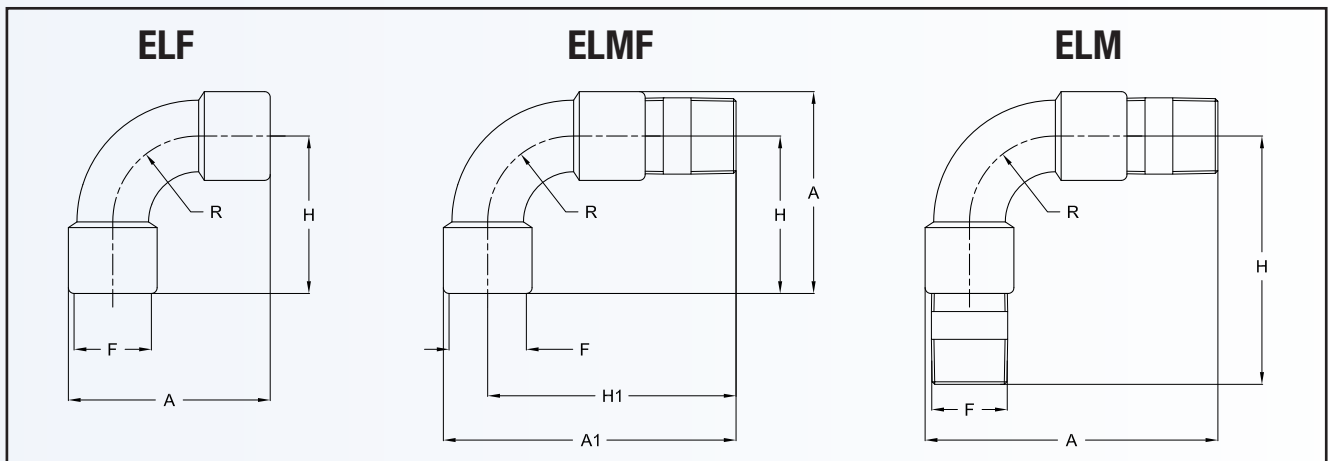
All IEC Ex, TR CU and CCoE certification data can be downloaded at www.cortemgroup.com

Standards:	CENELEC EN 60079-0: 2012+A11:2013, EN 60079-1: 2014, EN 60079-7: 2015, EN 60079-31: 2014 and EUROPEAN DIRECTIVE 2014/34/UE IEC60079-0: 2013, IEC60079-1: 2009, IEC60079-7: 2008, IEC60079-31: 2011 Directive RoHS 2002/95/CE
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Operating temp.:	-60°C +150°C
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Degree of protection:	IP66/67
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Certificates are available on www.cortemgroup.com



THREAD CODIFICATION

NPT, N.P.S.M., UNI ISO 228/1

02	01	1	2	3	4	5	6	7	8	9	10	12	14
1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2	2 1/2"	3"	3 1/2"	4"	5"	6"

ISO Metric

12	16	20	25	32	40	50	63	75	90	100	63X2	75X2	90X2
M12x1,5	M16x1,5	M20x1,5	M25x1,5	M32x1,5	M40x1,5	M50x1,5	M63x1,5	M75x1,5	M90x1,5	M100x1,5	M63x2	M75x2	M90x2

SELECTION TABLE OF ELF 90° ELBOWS

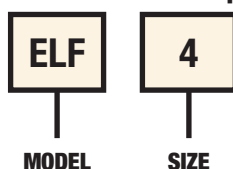
Code In aluminium	Thread F	Dimensions in mm			Weight Kg
		A	H	R	
ELF02	1/4" ISO 7/1	41	55	30	0,09
ELF01	3/8" ISO 7/1	41	55	30	0,08
ELF1	1/2" ISO 7/1	60	45	30	0,12
ELF2	3/4" ISO 7/1	75	55	30	0,10
ELF3	1" ISO 7/1	85	65	35	0,20
ELF4	1 1/4" ISO 7/1	100	75	50	0,39
ELF5	1 1/2" ISO 7/1	110	87	50	0,37
ELF6	2" ISO 7/1	135	98	60	0,62
ELF7	2 1/2" ISO 7/1	175	135	65	0,88
ELF8	3" ISO 7/1	210	160	85	1,48
ELF10	4" ISO 7/1	270	200	150	3,00

SELECTION TABLE OF ELMF 90° ELBOWS

Code In aluminium	Thread F	Dimensions in mm					Weight Kg
		A	A1	H	H1	R	
ELMF02	1/4" ISO 7/1	41	51	55	65	30	0,09
ELMF01	3/8" ISO 7/1	41	51	55	65	30	0,08
ELMF1	1/2" ISO 7/1	60	97	45	85	30	0,17
ELMF2	3/4" ISO 7/1	75	107	55	95	30	0,17
ELMF3	1" ISO 7/1	85	130	65	110	35	0,29
ELMF4	1 1/4" ISO 7/1	100	145	75	125	50	0,52
ELMF5	1 1/2" ISO 7/1	110	153	87	125	50	0,50
ELMF6	2" ISO 7/1	135	180	98	143	60	0,79
ELMF7	2 1/2" ISO 7/1	175	220	135	185	65	1,43
ELMF8	3" ISO 7/1	210	255	160	205	85	2,20
ELMF10	4" ISO 7/1	270	300	200	245	150	3,93

SELECTION TABLE OF ELM 90° ELBOWS

Code In aluminium	Thread F	Dimensions in mm			Weight Kg
		A	H	R	
ELM02	1/4" ISO 7/1	51	65	25	0,09
ELM01	3/8" ISO 7/1	51	65	25	0,08
ELM1	1/2" ISO 7/1	97	56	30	0,21
ELM2	3/4" ISO 7/1	107	56	30	0,22
ELM3	1" ISO 7/1	130	70	35	0,38
ELM4	1 1/4" ISO 7/1	145	85	50	0,64
ELM5	1 1/2" ISO 7/1	153	85	50	0,64
ELM6	2" ISO 7/1	180	143	60	0,96
ELM7	2 1/2" ISO 7/1	220	185	65	1,99
ELM8	3" ISO 7/1	255	205	85	2,92
ELM10	4" ISO 7/1	300	245	150	4,86

Order code example

TECHNICAL NOTES:

- Available also with NPT thread (example code ELF3N)
- Available upon request with ISO metric thread (example code ELF4I)