



Product Catalogue



Brass Compression Fittings

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MELCO - Brass Compression Fittings



Product Catalogue

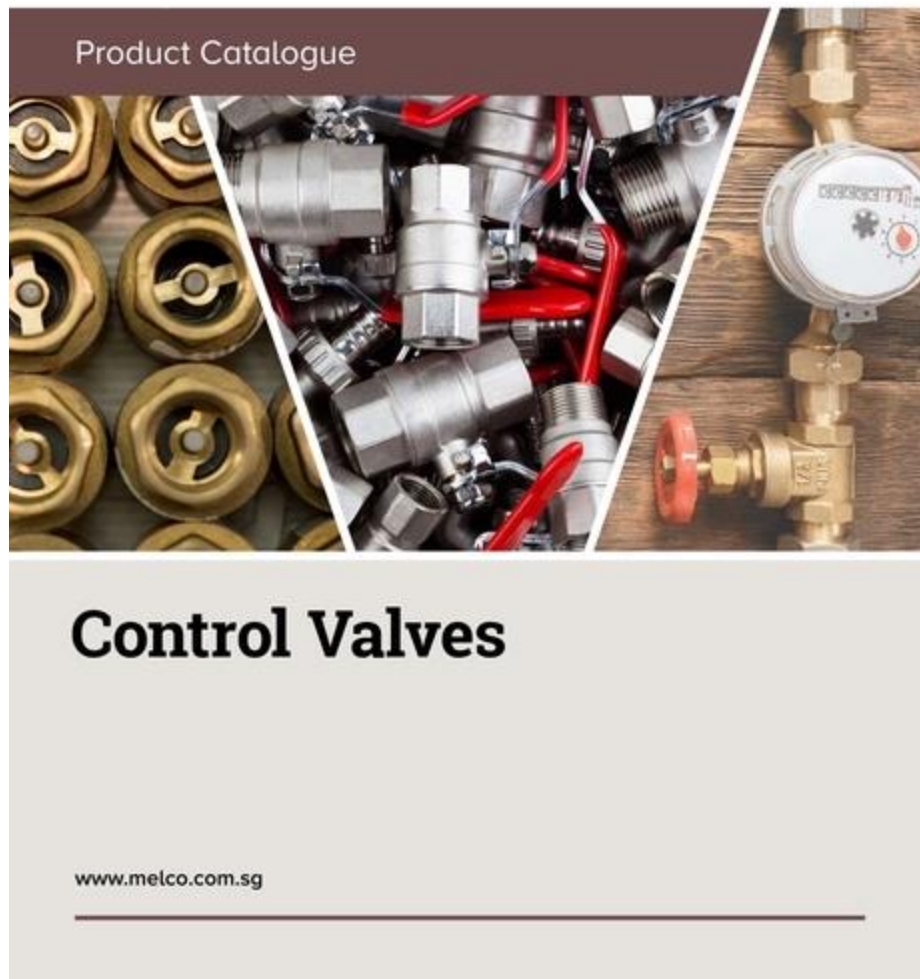


Copper Endfeed Fittings

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MELCO - Copper Endfeed Fittings



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MELCO - Control Valves

MELCO Plain Copper Tubes



- MELCO copper tubes are specially designed to be used in domestic water supply and heating systems, as well as for the transport of town gas.
- MELCO copper tubes are made of phosphorus-deoxidised copper with a copper purity of at least 99.9%.
- MELCO copper tubes are manufactured in accordance to BS EN 1057.

Range and Technical Data – BS EN 1057

Nominal Outside Diameter and Thickness		Tolerances on Outside Diameter				Tolerances on Wall Thickness		Mechanical Properties	
Nominal Outside Diameter (mm)	Nominal Wall Thickness (mm)	Mean Outside Diameter Tolerance (1)		Any Diameter Tolerance (2)		Wall Thickness Tolerance (3)		Tensile Strength (N/mm²)	Elongation (%)
		Max	Min	Max	Min	Max	Min	Min	Min
15*	0.7	15.04	14.96	15.09	14.91	0.77	0.63	250	30
15*	1.0	15.04	14.96	15.09	14.91	1.13	0.87	250	20
22*	0.9	22.05	21.95	22.10	21.90	0.99	0.81	250	30
22*	1.2	22.05	21.95	22.10	21.90	1.38	1.02	250	20
28*	0.9	28.05	27.95	28.10	27.90	0.99	0.81	250	30
28*	1.2	28.05	27.95	28.10	27.90	1.38	1.02	250	20
35	1.2	35.06	34.94	35.11	34.89	1.32	1.08	290	3
35	1.5	35.06	34.94	35.11	34.89	1.72	1.27	290	3
42	1.2	42.06	41.94	42.11	41.89	1.32	1.08	290	3
42	1.5	42.06	41.94	42.11	41.89	1.72	1.27	290	3
54	1.2	54.06	53.94	54.11	53.86	1.32	1.08	290	3
54	2.0	54.06	53.94	54.11	53.86	2.30	1.80	290	3
66.7	1.2	66.77	66.63	66.85	66.55	1.38	1.02	290	3
66.7	2.0	66.77	66.63	66.85	66.55	2.30	1.70	290	3
76.1	1.5	76.17	76.03	76.25	75.95	1.72	1.27	290	3
76.1	2.0	76.17	76.03	76.25	75.95	2.30	1.70	290	3
108	1.5	108.07	107.93	108.20	107.80	1.72	1.27	290	3
108	2.5	108.07	107.93	108.20	107.80	2.87	2.12	290	3
159	2.0	159.20	158.80	158.70	157.30	2.30	1.70	290	3

* Half hard

(1) Mean diameter is the arithmetical mean of any two diameters normal to each other at the same cross section

(2) Including deviation from circular form, i.e. the difference between the max. and min. outside diameters measured at any cross section of the tube.

(3) Including deviation from concentricity, i.e. half the difference between the max. and min. wall thicknesses at the same cross section of the tube.

Packaging

> Marking: MELCO® BS EN 1057 diameter x thickness - temper 344 for R250

> Supplied in straight length of 2.9m and 5.8m.

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MELCO - Copper Pipes

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MELCO Light Gauge Stainless Steel Tubes



- ☑ MELCO stainless steel tubes are specially designed to be used in domestic water supply system.
- ☑ MELCO stainless steel tubes are of austenitic stainless steel grade 304 (X5CrNi18-10) and produced through roll forming then longitudinally plasma inert gas welded.
- ☑ MELCO stainless steel tubes are manufactured in accordance to BS EN 10312 and checked for leaks through Eddy Current and Hydrostatic Pressure test.

Dimensions of Light Gauge Stainless Steel Tubes (Series 1)

Nominal Outside Diameters and Thickness		Tolerances on Outside Diameter		Tolerances on Wall Thickness	
Nominal Outside Diameters (mm)	Nominal Wall Thickness (mm)	Max (mm)	Min (mm)	Max (mm)	Min (mm)
15	0.6	15.04	14.94	0.66	0.54
22	0.7	22.05	21.95	0.77	0.63
28	0.8	28.05	27.95	0.88	0.72
35	1.0	35.07	34.97	1.10	0.90
42	1.1	42.07	41.97	1.21	0.99
54	1.2	54.07	53.84	1.32	1.08
66.7	1.2	66.75	66.08	1.32	1.08
76.1	1.5	76.30	75.54	1.65	1.35
108	1.5	108.30	107.20	1.65	1.35

Physical and Mechanical Properties

Gravity (Kg/dm ³)	Thermal Conductivity (W/m°C)	Thermal Expansion (10 ⁻⁶ /°C)	Min. Tensile Strength (N/mm ²)	Min. Elongation (%)	Young's modulus of Elasticity (KN/mm ²)
7.93	15	16	510	30	200

Packaging

> Marking: MELCO® BS EN 10312 SUS304 X5CrNi18-10 Series 1 QD x Thickness x 5750mm RFT 'BatchNo'
> Supplied in straight length of 2.875m and 5.75m

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MELCO - Stainless Steel Pipes



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Stainless Steel Press Fittings

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MELCO - Stainless Steel Press Fittings



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MELCO - Plumbing Accessories

CONNECT  CONTROL



Pegler Yorkshire



XPress - Copper Press Fittings

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TORO 25 - PPR Pipes and Fittings

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Comfort-Line Pressing Unit ACO202



Powerful Multi-talent

The pressing unit ACO202 offers technical innovations in many aspects. Thanks to the powerful, rechargeable lithium-ion batteries and to the halving of weight compared with the predecessor model, twice as many pressings can be carried out. Furthermore, the electronic monitoring of the jaw-retention-bolt and the visual error indicator provide additional operational safety. In the case of errors, the logbook allows for precise and quick analysis. The reduced weight of the unit, the slim design and the higher pressing speed allow fatigue-proof working, even at tightest mounting positions.

Advantages:

- Battery status indicator - Battery capacity can be controlled anytime
- Electronic monitoring of the jaw-locking-bolt and visual error indicator - for additional operational safety
- Electronic logbook - allows for precise and quick analysis in case of errors

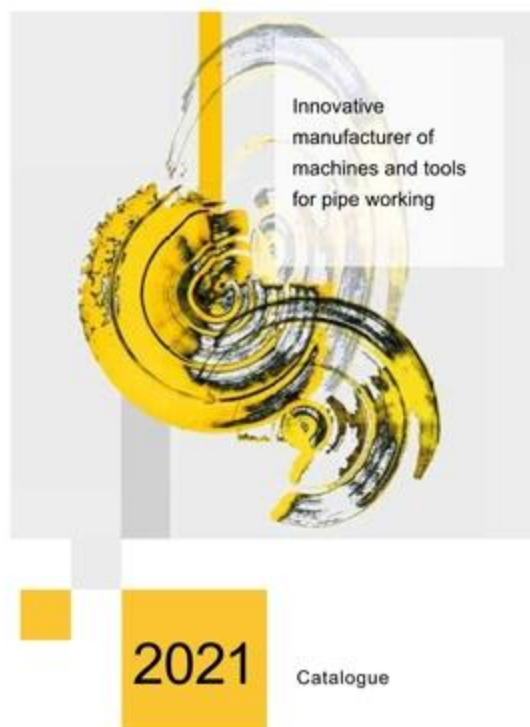
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Novopress - Press Tools

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