


## Enlargers, reducers, metric


### Type ME & MR

#### Type ME - Enlarger, brass, metric thread

	Order no.	Thread outside		Thread inside		Wrench size (mm)	Inside Ø (mm)	Overall length (mm)
		Metric	Length (mm)	Metric	Length (mm)			
	M12M16M	M12 x 1.5	5.0	M16 x 1.5	7.0	18	8.0	16.0
	M16M20M	M16 x 1.5	5.0	M20 x 1.5	7.5	22	12.0	16.5
	M20M25M	M20 x 1.5	6.0	M25 x 1.5	8.0	27	15.0	18.5
	M25M32M	M25 x 1.5	7.0	M32 x 1.5	9.0	34	21.0	20.5
	M32M40M	M32 x 1.5	8.0	M40 x 1.5	10	42	26.0	23.5
	M40M50M	M40 x 1.5	8.0	M50 x 1.5	13	52	34.0	30.0
	M50M63M	M50 x 1.5	9.0	M63 x 1.5	16	65	44.0	32.5

For enlargement of an existing thread  
 Nickel-plated brass  
 Hexagonal form  
 Temperature range: -60°C to +200°C

#### Type MR - Reducer, brass, metric thread

	Order no.	Order no.	Thread outside	Thread inside
	standard	hexagonal	metric	metric
	M16M12M	M16M12M/6	M16 x 1.5	M12 x 1.5
	M20M12M	M20M12M/6	M20 x 1.5	M12 x 1.5
	M20M16M	M20M16M/6	M20 x 1.5	M16 x 1.5
	M25M16M	M25M16M/6	M25 x 1.5	M16 x 1.5
	M25M20M	M25M20M/6	M25 x 1.5	M20 x 1.5
	M32M20M	M32M20M/6	M32 x 1.5	M20 x 1.5
	M32M25M	M32M25M/6	M32 x 1.5	M25 x 1.5
	M40M25M	M40M25M/6	M40 x 1.5	M25 x 1.5
	M40M32M	M40M32M/6	M40 x 1.5	M32 x 1.5
	M50M32M	M50M32M/6	M50 x 1.5	M32 x 1.5
	M50M40M	M50M40M/6	M50 x 1.5	M40 x 1.5
	M63M40M	M63M40M/6	M63 x 1.5	M40 x 1.5
	M63M50M	M63M50M/6	M63 x 1.5	M50 x 1.5

Reduction of threaded or clearance holes to smaller thread sizes  
 Nickel-plated brass  
 Temperature range: -60°C to +200°C  
 Round form without O-ring, hexagonal form with O-ring