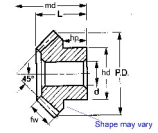




MBA

Gears - Mitre - Module 1



1:1 Ratio. 20 Degree Pressure Angle - Steel, stainless steel, brass, aluminium, acetal and zinc die cast.

Mitre gears are used with a matching gear of the same pitch and number of teeth.

This provides a 1:1 ratio on a 90 degree angle.

See Gears - Bevel for other ratios.

Gears - Mitre - Module 1

| Part Number | Teeth (No.) | Pitch Diameter (pd) mm | Bore (d) mm | Overall Length (L) mm | Sold Per | Hub Diameter (hd) mm | Precision / Material | Hub Projection (hp) mm | Mounting Distance (md) mm | Face Width (fw) mm |
|-------------------|-------------|------------------------|---------------|-----------------------|----------|-----------------------|----------------------------|------------------------|---------------------------|--------------------|
| | | <i>inches</i> | <i>inches</i> | <i>inches</i> | | <i>inches</i> | | <i>inches</i> | <i>inches</i> | <i>inches</i> |
| GM100-16-0500-ACE | 16 | 16.000 | 5.000 | 13.600 | Each | 12.000 / No Set Screw | Commercial / Acetal | 8.00 | 18.400 | 4.700 |
| | | <i>0.630</i> | <i>0.197</i> | <i>0.535</i> | | | | <i>0.315</i> | <i>0.724</i> | <i>0.185</i> |
| GM100-16-0600-DCZ | 16 | 16.000 | 6.000 | 13.100 | Each | 12.000 / No Set Screw | Commercial / Die Cast Zinc | 7.50 | 17.700 | 4.500 |
| | | <i>0.630</i> | <i>0.236</i> | <i>0.516</i> | | | | <i>0.295</i> | <i>0.697</i> | <i>0.177</i> |
| GM100-20-0600-ACE | 20 | 20.000 | 6.000 | 14.600 | Each | 16.000 / No Set Screw | Commercial / Acetal | 7.00 | 21.000 | 4.500 |
| | | <i>0.787</i> | <i>0.236</i> | <i>0.575</i> | | | | <i>0.276</i> | <i>0.827</i> | <i>0.177</i> |

Indicates item not stocked at time of printing - Please enquire for lead time

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Gears - Mitre - Module 1

| Part Number | Teeth (No.) | Pitch Diameter (pd) mm | Bore (d) mm | Overall Length (L) mm | Sold Per | Hub Diameter (hd) mm | Precision / Material | Hub Projection (hp) mm | Mounting Distance (md) mm | Face Width (fw) mm |
|---------------------|-------------|---------------------------|---------------|-----------------------|----------|-----------------------|----------------------------------|------------------------|---------------------------|--------------------|
| | | <i>inches</i> | <i>inches</i> | <i>inches</i> | | <i>inches</i> | | <i>inches</i> | <i>inches</i> | <i>inches</i> |
| GM100-20-0600-ST-B | 20 | 20.000 | 6.000 | 14.500 | Each | 16.000 / No Set Screw | ISO 8 / Steel | 9.00 | 21.000 | 4.300 |
| | | <i>0.787</i> | <i>0.236</i> | <i>0.571</i> | | | | <i>0.354</i> | <i>0.827</i> | <i>0.169</i> |
| # GM100-20-0600-ST | 20 | 20.000 | 6.000 | 7.500 | Each | 16.000 / No Set Screw | ISO 8 / Steel | 2.00 | 14.000 | 4.300 |
| | | <i>0.787</i> | <i>0.236</i> | <i>0.295</i> | | | | <i>0.079</i> | <i>0.551</i> | <i>0.169</i> |
| GM100-20-0600-BR | 20 | 20.000 | 6.000 | 14.000 | Each | 16.000 / No Set Screw | ISO 8 / Brass | 8.50 | 20.500 | 4.300 |
| | | <i>0.787</i> | <i>0.236</i> | <i>0.551</i> | | | | <i>0.335</i> | <i>0.807</i> | <i>0.169</i> |
| # GM100-20-0800-ST | 20 | 20.000 | 8.000 | 10.900 | Each | 12.000 / No Set Screw | ISO 8 / Steel | 5.00 | 17.000 | 5.000 |
| | | <i>0.787</i> | <i>0.315</i> | <i>0.429</i> | | | | <i>0.197</i> | <i>0.669</i> | <i>0.197</i> |
| # GM100-20-0800-AL | 20 | 20.000 | 8.000 | 10.900 | Each | 12.000 / No Set Screw | ISO 8 / Aluminum | 5.00 | 17.000 | 5.000 |
| | | <i>0.787</i> | <i>0.315</i> | <i>0.429</i> | | | | <i>0.197</i> | <i>0.669</i> | <i>0.197</i> |
| # GM100-20-0800-431 | 20 | 20.000 | 8.000 | 10.900 | Each | 12.000 / No Set Screw | ISO 8 / AISI 431 Stainless Steel | 5.00 | 17.000 | 5.000 |
| | | <i>0.787</i> | <i>0.315</i> | <i>0.429</i> | | | | <i>0.197</i> | <i>0.669</i> | <i>0.197</i> |
| # GM100-20-0800-BR | 20 | 20.000 | 8.000 | 10.900 | Each | 12.000 / No Set Screw | ISO 8 / Brass | 5.00 | 17.000 | 5.000 |
| | | <i>0.787</i> | <i>0.315</i> | <i>0.429</i> | | | | <i>0.197</i> | <i>0.669</i> | <i>0.197</i> |
| GM100-30-0600-ACE | 30 | 30.000 | 6.000 | 15.300 | Each | 12.000 / No Set Screw | Commercial / Acetal | 7.50 | 24.800 | 7.200 |
| | | <i>1.181</i> | <i>0.236</i> | <i>0.602</i> | | | | <i>0.295</i> | <i>0.976</i> | <i>0.283</i> |

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Gears - Mitre - Module 1

| Part Number | Teeth (No.) | Pitch Diameter (pd) mm | Bore (d) mm | Overall Length (L) mm | Sold Per | Hub Diameter (hd) mm | Precision / Material | Hub Projection (hp) mm | Mounting Distance (md) mm | Face Width (fw) mm |
|----------------------|-------------|------------------------|---------------|-----------------------|----------|-----------------------|----------------------|------------------------|---------------------------|--------------------|
| | | <i>inches</i> | <i>inches</i> | <i>inches</i> | | <i>inches</i> | | <i>inches</i> | <i>inches</i> | <i>inches</i> |
| GM100-30-0800-ST-B | 30 | 30.000 | 8.000 | 15.900 | Each | 22.000 / No Set Screw | ISO 8 / Steel | 8.90 | 26.000 | 6.200 |
| | | <i>1.181</i> | <i>0.315</i> | <i>0.626</i> | | | | <i>0.350</i> | <i>1.024</i> | <i>0.244</i> |
| # GM100-30-0800-ST-A | 30 | 30.000 | 8.000 | 9.900 | Each | 22.000 / No Set Screw | ISO 8 / Steel | 2.90 | 20.000 | 6.200 |
| | | <i>1.181</i> | <i>0.315</i> | <i>0.390</i> | | | | <i>0.114</i> | <i>0.787</i> | <i>0.244</i> |

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