

# ZKA extruded brass radial holder

## Construction

- Two brass extrusions joined by brazing
- Constant force spring attached to a simple plug in stainless steel carrier

## Special Features

- Very compact design, lightweight for medium and light industrial DC machines.
- Spring units are reversible according to direction of rotation.

Alternative fixing details available upon request.



| Part No.      | Holder Type | Nominal Dimensions (mm) |       |            |              | Imperial/Metric | 'U' Throw (Fixing) Dimensions (mm) | Spring Load (gf) | Serrated (Y/N) | No. Pockets | Fabricated/ Cast |
|---------------|-------------|-------------------------|-------|------------|--------------|-----------------|------------------------------------|------------------|----------------|-------------|------------------|
|               |             | t                       | a     | Box Height | Brush Length |                 |                                    |                  |                |             |                  |
| ZKA1205M/1001 | ZKA         | 8.00                    | 20.00 | 31.80      | 40.00        | Metric          | 14.73                              | 308              | N              | 1           | Fabricated       |
| ZKA1206M/1003 | ZKA         | 10.00                   | 20.00 | 32.00      | 40.00        | Metric          | 14.73                              | 400              | Y              | 1           | Fabricated       |
| ZKA1206M/1004 | ZKA         | 10.00                   | 20.00 | 32.00      | 40.00        | Metric          | 14.73                              | 375              | N              | 1           | Fabricated       |
| ZKA1206M/1006 | ZKA         | 10.00                   | 20.00 | 32.00      | 40.00        | Metric          | 14.73                              | 375              | N              | 1           | Fabricated       |
| ZKA1206M/1008 | ZKA         | 10.00                   | 20.00 | 25.00      | 32.00        | Metric          | 14.73                              | 375              | N              | 1           | Fabricated       |
| ZKA1206M/1010 | ZKA         | 10.00                   | 20.00 | 32.00      | 40.00        | Metric          | 14.73                              | 503              | N              | 1           | Fabricated       |
| ZKA1206M/1011 | ZKA         | 10.00                   | 20.00 | 32.00      | 40.00        | Metric          | 14.73                              | 375              | N              | 1           | Fabricated       |
| ZKA1208M/1004 | ZKA         | 12.50                   | 20.00 | 32.00      | 40.00        | Metric          | 14.73                              | 503              | N              | 1           | Fabricated       |
| ZKA1208M/1006 | ZKA         | 12.50                   | 20.00 | 32.00      | 40.00        | Metric          | 14.73                              | 452              | N              | 1           | Fabricated       |
| ZKA1208M/1008 | ZKA         | 12.50                   | 20.00 | 25.00      | 32.00        | Metric          | 14.73                              | 503              | N              | 1           | Fabricated       |
| ZKA1208M/1010 | ZKA         | 12.50                   | 20.00 | 32.00      | 40.00        | Metric          | 14.73                              | 503              | N              | 1           | Fabricated       |
| ZKA1208M/1011 | ZKA         | 12.50                   | 20.00 | 32.00      | 40.00        | Metric          | 14.73                              | 504              | Y              | 1           | Fabricated       |
| ZKA1208M/1012 | ZKA         | 12.50                   | 20.00 | 32.00      | 40.00        | Metric          | 14.73                              | 1106             | N              | 1           | Fabricated       |
| ZKA1208M/1013 | ZKA         | 12.50                   | 20.00 | 25.00      | 32.00        | Metric          | 14.73                              | 503              | Y              | 1           | Fabricated       |
| ZKA1210M/1001 | ZKA         | 16.00                   | 20.00 | 32.00      | 40.00        | Metric          | 14.73                              | 653              | N              | 1           | Fabricated       |
| ZKA1210M/1002 | ZKA         | 16.00                   | 20.00 | 32.00      | 40.00        | Metric          | 14.73                              | 653              | Y              | 1           | Fabricated       |
| ZKA1210M/1003 | ZKA         | 16.00                   | 20.00 | 32.00      | 40.00        | Metric          | 14.73                              | 608              | N              | 1           | Fabricated       |
| ZKA1210M/1005 | ZKA         | 16.00                   | 20.00 | 32.00      | 40.00        | Metric          | 14.73                              | 653              | N              | 1           | Fabricated       |
| ZKA1605M/1002 | ZKA         | 8.00                    | 25.00 | 31.75      | 40.00        | Metric          | 14.73                              | 375              | N              | 1           | Fabricated       |
| ZKA1605M/1003 | ZKA         | 8.00                    | 25.00 | 32.00      | 40.00        | Metric          | 14.73                              | 420              | Y              | 1           | Fabricated       |
| ZKA1606M/1002 | ZKA         | 10.00                   | 25.00 | 31.75      | 40.00        | Metric          | 14.73                              | 494              | N              | 1           | Fabricated       |
| ZKA1606M/1008 | ZKA         | 8.00                    | 25.00 | 31.75      | 40.00        | Metric          | 14.73                              | 722              | N              | 1           | Fabricated       |
| ZKA1608M/1002 | ZKA         | 12.50                   | 25.00 | 31.75      | 40.00        | Metric          | 14.73                              | 567              | N              | 1           | Fabricated       |
| ZKA1608M/1004 | ZKA         | 12.50                   | 25.00 | 40.00      | 50.00        | Metric          | 14.73                              | 617              | Y              | 1           | Fabricated       |
| ZKA1608M/1006 | ZKA         | 12.50                   | 25.00 | 32.00      | 40.00        | Metric          | 14.73                              | 785              | N              | 1           | Fabricated       |
| ZKA1608M/1009 | ZKA         | 12.50                   | 25.00 | 32.00      | 40.00        | Metric          | 14.73                              | 567              | Y              | 1           | Fabricated       |
| ZKA1608M/1010 | ZKA         | 12.50                   | 25.00 | 25.00      | 40.00        | Metric          | 9.50                               | 908              | N              | 1           | Fabricated       |
| ZKA1608M/1011 | ZKA         | 12.50                   | 25.00 | 32.00      | 40.00        | Metric          | 14.73                              | 567              | Y              | 1           | Fabricated       |
| ZKA1610M/1002 | ZKA         | 16.00                   | 25.00 | 31.75      | 40.00        | Metric          | 14.73                              | 567              | N              | 1           | Fabricated       |
| ZKA1610M/1003 | ZKA         | 16.00                   | 25.00 | 32.00      | 40.00        | Metric          | 14.73                              | 720              | Y              | 1           | Fabricated       |
| ZKA1610M/1004 | ZKA         | 16.00                   | 25.00 | 31.75      | 40.00        | Metric          | 14.73                              | 720              | N              | 1           | Fabricated       |
| ZKA1610M/1005 | ZKA         | 16.00                   | 25.00 | 40.00      | 50.00        | Metric          | 14.73                              | 785              | Y              | 1           | Fabricated       |
| ZKA1610M/1006 | ZKA         | 16.00                   | 25.00 | 32.00      | 40.00        | Metric          | 14.73                              | 567              | Y              | 1           | Fabricated       |
| ZKA1610M/1010 | ZKA         | 16.00                   | 25.00 | 32.00      | 40.00        | Metric          | 14.73                              | 720              | N              | 1           | Cast             |
| ZKA1610M/1011 | ZKA         | 16.00                   | 25.00 | 32.00      | 40.00        | Metric          | 14.73                              | 844              | Y              | 1           | Cast             |
| ZKA1610M/1015 | ZKA         | 16.00                   | 25.00 | 31.75      | 40.00        | Metric          | 14.73                              | 844              | N              | 1           | Fabricated       |
| ZKA1610M/1016 | ZKA         | 16.00                   | 25.00 | 31.75      | 40.00        | Metric          | 14.73                              | 988              | N              | 1           | Fabricated       |
| ZKA1610M/1017 | ZKA         | 16.00                   | 25.00 | 31.75      | 40.00        | Metric          | 14.73                              | 1134             | N              | 1           | Fabricated       |

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| Part No.      | Holder Type | Nominal Dimensions (mm) |       |            |              | Imperial/Metric | 'U' Throw (Fixing) Dimensions (mm) | Spring Load (gf) | Serrated (Y/N) | No. Pockets | Fabricated/Cast |
|---------------|-------------|-------------------------|-------|------------|--------------|-----------------|------------------------------------|------------------|----------------|-------------|-----------------|
|               |             | t                       | a     | Box Height | Brush Length |                 |                                    |                  |                |             |                 |
| ZKA1612M/1002 | ZKA         | 20.00                   | 25.00 | 31.75      | 40.00        | Metric          | 14.73                              | 893              | N              | 1           | Fabricated      |
| ZKA1612M/1008 | ZKA         | 20.00                   | 25.00 | 32.00      | 40.00        | Metric          | 14.73                              | 988              | Y              | 1           | Fabricated      |
| ZKA2006M/1002 | ZKA         | 10.00                   | 32.00 | 40.00      | 50.00        | Metric          | 14.73                              | 567              | N              | 1           | Fabricated      |
| ZKA2006M/1005 | ZKA         | 10.00                   | 32.00 | 50.00      | 64.00        | Metric          | 14.73                              | 567              | N              | 1           | Fabricated      |
| ZKA2006M/1007 | ZKA         | 10.00                   | 32.00 | 40.00      | 50.00        | Metric          | 14.73                              | 644              | N              | 1           | Fabricated      |
| ZKA2006M/1008 | ZKA         | 10.00                   | 32.00 | 50.00      | 64.00        | Metric          | 14.73                              | 644              | N              | 1           | Fabricated      |
| ZKA2006M/1010 | ZKA         | 10.00                   | 32.00 | 40.00      | 50.00        | Metric          | 14.73                              | 1134             | N              | 1           | Fabricated      |
| ZKA2006M/1011 | ZKA         | 10.00                   | 32.00 | 40.00      | 50.00        | Metric          | 14.73                              | 567              | N              | 1           | Fabricated      |
| ZKA2008M/1002 | ZKA         | 12.50                   | 32.00 | 40.00      | 50.00        | Metric          | 14.73                              | 708              | N              | 1           | Fabricated      |
| ZKA2008M/1009 | ZKA         | 12.50                   | 32.00 | 40.00      | 50.00        | Metric          | 14.73                              | 884              | N              | 1           | Fabricated      |
| ZKA2008M/1011 | ZKA         | 12.50                   | 32.00 | 40.00      | 50.00        | Metric          | 14.73                              | 962              | N              | 1           | Fabricated      |
| ZKA2008M/1013 | ZKA         | 12.50                   | 32.00 | 25.00      | 32.00        | Metric          | 14.73                              | 1134             | N              | 1           | Fabricated      |
| ZKA2008M/1014 | ZKA         | 12.50                   | 32.00 | 40.00      | 50.00        | Metric          | 14.73                              | 708              | Y              | 1           | Fabricated      |
| ZKA2008M/1015 | ZKA         | 12.50                   | 32.00 | 40.00      | 50.00        | Metric          | 14.73                              | 708              | Y              | 1           | Fabricated      |
| ZKA2008M/1016 | ZKA         | 12.50                   | 32.00 | 40.00      | 50.00        | Metric          | 14.73                              | 1270             | N              | 1           | Fabricated      |
| ZKA2010M/1002 | ZKA         | 16.00                   | 32.00 | 40.00      | 50.00        | Metric          | 14.73                              | 962              | N              | 1           | Fabricated      |
| ZKA2010M/1005 | ZKA         | 16.00                   | 32.00 | 50.00      | 64.00        | Metric          | 14.73                              | 1061             | N              | 1           | Fabricated      |
| ZKA2010M/1008 | ZKA         | 16.00                   | 32.00 | 50.00      | 64.00        | Metric          | 14.73                              | 1061             | Y              | 1           | Fabricated      |
| ZKA2010M/1014 | ZKA         | 16.00                   | 32.00 | 40.00      | 50.00        | Metric          | 14.73                              | 1061             | N              | 1           | Fabricated      |
| ZKA2010M/1017 | ZKA         | 16.00                   | 32.00 | 40.00      | 50.00        | Metric          | 14.73                              | 962              | Y              | 1           | Fabricated      |
| ZKA2010M/1022 | ZKA         | 16.00                   | 32.00 | 40.00      | 50.00        | Metric          | 14.73                              | 962              | Y              | 1           | Fabricated      |
| ZKA2010M/1023 | ZKA         | 16.00                   | 32.00 | 50.00      | 64.00        | Metric          | 14.73                              | 884              | N              | 1           | Fabricated      |
| ZKA2010M/1024 | ZKA         | 16.00                   | 32.00 | 40.00      | 50.00        | Metric          | 14.73                              | 708              | N              | 1           | Fabricated      |
| ZKA2012M/1002 | ZKA         | 20.00                   | 32.00 | 40.00      | 50.00        | Metric          | 14.73                              | 1134             | N              | 1           | Fabricated      |
| ZKA2012M/1005 | ZKA         | 20.00                   | 32.00 | 50.00      | 64.00        | Metric          | 14.73                              | 1134             | N              | 1           | Fabricated      |
| ZKA2012M/1009 | ZKA         | 20.00                   | 32.00 | 50.00      | 64.00        | Metric          | 14.73                              | 1270             | Y              | 1           | Fabricated      |
| ZKA2012M/1016 | ZKA         | 20.00                   | 32.00 | 50.00      | 64.00        | Metric          | 14.73                              | 1150             | N              | 1           | Fabricated      |
| ZKA2012M/1018 | ZKA         | 20.00                   | 32.00 | 50.00      | 64.00        | Metric          | 14.73                              | 1350             | N              | 1           | Fabricated      |
| ZKA2012M/1020 | ZKA         | 20.00                   | 32.00 | 50.00      | 64.00        | Metric          | 14.73                              | 1134             | N              | 1           | Fabricated      |
| ZKA2012M/1021 | ZKA         | 20.00                   | 32.00 | 40.00      | 50.00        | Metric          | 14.73                              | 1350             | N              | 1           | Fabricated      |
| ZKA2012M/1025 | ZKA         | 20.00                   | 32.00 | 40.00      | 50.00        | Metric          | 14.73                              | 1270             | N              | 1           | Fabricated      |
| ZKA2012M/1027 | ZKA         | 20.00                   | 32.00 | 40.00      | 45.00        | Metric          | 14.73                              | 1134             | Y              | 1           | Fabricated      |
| ZKA2012M/1029 | ZKA         | 20.00                   | 32.00 | 40.00      | 50.00        | Metric          | 14.73                              | 1134             | Y              | 1           | Fabricated      |
| ZKA2016M/1002 | ZKA         | 25.00                   | 32.00 | 40.00      | 50.00        | Metric          | 14.73                              | 1415             | N              | 1           | Fabricated      |
| ZKA2016M/1005 | ZKA         | 25.00                   | 32.00 | 50.00      | 64.00        | Metric          | 14.73                              | 1497             | N              | 1           | Fabricated      |
| ZKA2016M/1011 | ZKA         | 25.00                   | 32.00 | 40.00      | 50.00        | Metric          | 14.73                              | 1415             | Y              | 1           | Fabricated      |
| ZKA2016M/1016 | ZKA         | 25.00                   | 32.00 | 50.00      | 64.00        | Metric          | 14.73                              | 2122             | N              | 1           | Fabricated      |
| ZKA2016M/1017 | ZKA         | 25.00                   | 32.00 | 50.00      | 64.00        | Metric          | 14.73                              | 1497             | Y              | 1           | Fabricated      |
| ZKA2016M/1019 | ZKA         | 25.00                   | 32.00 | 50.00      | 64.00        | Metric          | 14.73                              | 2268             | N              | 1           | Fabricated      |
| ZKA2016M/1020 | ZKA         | 25.00                   | 32.00 | 50.00      | 64.00        | Metric          | 14.73                              | 1700             | N              | 1           | Fabricated      |
| ZKA2016M/1021 | ZKA         | 25.00                   | 32.00 | 40.00      | 50.00        | Metric          | 14.73                              | 1700             | N              | 1           | Fabricated      |
| ZKA2016M/1022 | ZKA         | 25.00                   | 32.00 | 50.00      | 64.00        | Metric          | 14.73                              | 1284             | N              | 1           | Fabricated      |
| ZKA2016M/1023 | ZKA         | 25.00                   | 32.00 | 50.00      | 64.00        | Metric          | 14.73                              | 1134             | N              | 1           | Fabricated      |
| ZKA2016M/1025 | ZKA         | 25.00                   | 32.00 | 50.00      | 64.00        | Metric          | 14.73                              | 1996             | Y              | 1           | Fabricated      |
| ZKA2016M/1026 | ZKA         | 25.00                   | 32.00 | 40.00      | 50.00        | Metric          | 14.73                              | 1996             | Y              | 1           | Fabricated      |
| ZKA2016M/1028 | ZKA         | 25.00                   | 32.00 | 40.00      | 50.00        | Metric          | 14.73                              | 1996             | N              | 1           | Fabricated      |
| ZKA2016M/1032 | ZKA         | 25.00                   | 32.00 | 40.00      | 50.00        | Metric          | 14.73                              | 2268             | Y              | 1           | Fabricated      |
| ZKA2016M/1033 | ZKA         | 25.00                   | 32.00 | 50.00      | 64.00        | Metric          | 17.00                              | 1497             | Y              | 1           | Fabricated      |
| ZKA2016M/1034 | ZKA         | 25.00                   | 32.00 | 50.00      | 64.00        | Metric          | 14.73                              | 1606             | N              | 1           | Fabricated      |
| ZKA2016M/1035 | ZKA         | 25.00                   | 32.00 | 40.00      | 50.00        | Metric          | 14.73                              | 1500             | Y              | 1           | Fabricated      |
| ZKA2016M/1036 | ZKA         | 25.00                   | 32.00 | 40.00      | 50.00        | Metric          | 14.73                              | 1134             | N              | 1           | Fabricated      |
| ZKA2020M/1004 | ZKA         | 32.00                   | 32.00 | 50.00      | 64.00        | Metric          | 14.73                              | 2560             | Y              | 1           | Fabricated      |
| ZKA2020M/1005 | ZKA         | 32.00                   | 32.00 | 50.00      | 64.00        | Metric          | 14.73                              | 1415             | Y              | 1           | Fabricated      |
| ZKA2020M/1013 | ZKA         | 32.00                   | 32.00 | 50.00      | 64.00        | Metric          | 14.73                              | 2560             | N              | 1           | Fabricated      |
| ZKA2020M/1018 | ZKA         | 32.00                   | 32.00 | 50.00      | 64.00        | Metric          | 14.73                              | 1996             | N              | 1           | Fabricated      |

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