

## SET SCREW COUPLINGS **RC-SERIES**



- Traditional cost effective rigid coupling design
- Provides torque transmission and alignment
- Effective on both hard and soft shafts

| PART NUMBER       |                 |          | PRODUCT SPECIFICATIONS |          |        |        |                |                    |  |
|-------------------|-----------------|----------|------------------------|----------|--------|--------|----------------|--------------------|--|
| BLACK OXIDE STEEL | STAINLESS STEEL | ALUMINUM | BORE                   | 2ND BORE | OD     | LENGTH | SCREW SIZE     | APPROX WEIGHT (OZ) |  |
| RC-025            | RC-025-S        | RC-025-A | 1/4                    | 1/4      | 1/2    | 3/4    | 10-32 x 1/8    | 0.45               |  |
| RC-031            | RC-031-S        | RC-031-A | 5/16                   | 5/16     | 5/8    | 1      | 10-32 x 1/8    | 1.00               |  |
| RC-037            | RC-037-S        | RC-037-A | 3/8                    | 3/8      | 3/4    | 1      | 1/4-20 x 3/16  | 1.40               |  |
| RC-050            | RC-050-S        | RC-050-A | 1/2                    | 1/2      | 1      | 1 1/2  | 1/4-20 x 1/4   | 3.80               |  |
| RC-062            | RC-062-S        | RC-062-A | 5/8                    | 5/8      | 1 1/4  | 2      | 5/16-18 x 5/16 | 8.00               |  |
| RC-075            | RC-075-S        | RC-075-A | 3/4                    | 3/4      | 1 1/2  | 2      | 5/16-18 x 3/8  | 11.60              |  |
| RC-087            | RC-087-S        | RC-087-A | 7/8                    | 7/8      | 1 3/4  | 2      | 5/16-18 x 5/16 | 16.00              |  |
| RC-100            | RC-100-S        | RC-100-A | 1                      | 1        | 2      | 3      | 5/16-18 x 1/2  | 32.00              |  |
| RC-112            | RC-112-S        | RC-112-A | 1 1/8                  | 1 1/8    | 2 1/8  | 3      | 3/8-16 x 1/2   | 40.15              |  |
| RC-125            | RC-125-S        | RC-125-A | 1 1/4                  | 1 1/4    | 2 1/4  | 4      | 3/8-16 x 1/2   | 48.30              |  |
| RC-137            | RC-137-S        |          | 1 3/8                  | 1 3/8    | 2 1/2  | 4 1/2  | 3/8-16 x 1/2   | 55.15              |  |
| RC-150            | RC-150-S        |          | 1 1/2                  | 1 1/2    | 2 1/2  | 4 1/2  | 3/8-16 x 1/2   | 62.00              |  |
| RC-175            | RC-175-S        |          | 1 3/4                  | 1 3/4    | 2 3/4  | 4 1/2  | 3/8-16 x 1/2   | 70.60              |  |
| RC-200            | RC-200-S        |          | 2                      | 2        | 3 5/16 | 4 1/2  | 1/2-13 x 1/2   | 109.00             |  |



For 3D Models & 2D Sales Drawings

| DIMENSION<br>BORE, INCH |                   |
|-------------------------|-------------------|
| BORE SIZE               | BORE TOLERANCE    |
| 1/4" TO 1/2"            | +0.0005 / +0.0025 |
| 5/8" TO 2"              | +0.0005 / +0.0030 |

## SET SCREW COUPLINGS WITH KEYWAY **RC-SERIES**



- For use on keyed shafts
- Traditional cost effective rigid coupling design
- Provides torque transmission and alignment
- Effective on both hard and soft shafts

| PART NUMBER       |                 | PRODUCT SPECIFICATIONS |          |        |        |                |             |                 |                    |  |
|-------------------|-----------------|------------------------|----------|--------|--------|----------------|-------------|-----------------|--------------------|--|
| BLACK OXIDE STEEL | STAINLESS STEEL | BORE                   | 2ND BORE | OD     | LENGTH | SCREW SIZE     | KEYWAY SIZE | 2ND KEYWAY SIZE | APPROX WEIGHT (OZ) |  |
| RC-037-KW         | RC-037-S-KW     | 3/8                    | 3/8      | 3/4    | 1      | 1/4-20 x 3/16  | 3/32        | 3/32            | 1.40               |  |
| RC-050-KW         | RC-050-S-KW     | 1/2                    | 1/2      | 1      | 1 1/2  | 1/4-20 x 3/16  | 1/8         | 1/8             | 3.80               |  |
| RC-062-KW         | RC-062-S-KW     | 5/8                    | 5/8      | 1 1/4  | 2      | 5/16-18 x 1/4  | 3/16        | 3/16            | 8.00               |  |
| RC-075-KW         | RC-075-S-KW     | 3/4                    | 3/4      | 1 1/2  | 2      | 5/16-18 x 1/4  | 3/16        | 3/16            | 11.60              |  |
| RC-087-KW         | RC-087-S-KW     | 7/8                    | 7/8      | 1 3/4  | 2      | 5/16-18 x 5/16 | 3/16        | 3/16            | 16.00              |  |
| RC-100-KW         | RC-100-S-KW     | 1                      | 1        | 2      | 3      | 5/16-18 x 3/8  | 1/4         | 1/4             | 32.00              |  |
| RC-112-KW         | RC-112-S-KW     | 1 1/8                  | 1 1/8    | 2 1/8  | 3      | 3/8-16 x 3/8   | 1/4         | 1/4             | 40.15              |  |
| RC-125-KW         | RC-125-S-KW     | 1 1/4                  | 1 1/4    | 2 1/4  | 4      | 3/8-16 x 3/8   | 1/4         | 1/4             | 48.30              |  |
| RC-137-KW         | RC-137-S-KW     | 1 3/8                  | 1 3/8    | 2 1/2  | 4 1/2  | 3/8-16 x 3/8   | 5/16        | 5/16            | 55.15              |  |
| RC-150-KW         | RC-150-S-KW     | 1 1/2                  | 1 1/2    | 2 1/2  | 4 1/2  | 3/8-16 x 3/8   | 3/8         | 3/8             | 62.00              |  |
| RC-175-KW         | RC-175-S-KW     | 1 3/4                  | 1 3/4    | 2 3/4  | 4 1/2  | 3/8-16 x 3/8   | 3/8         | 3/8             | 70.60              |  |
| RC-200-KW         | RC-200-S-KW     | 2                      | 2        | 3 5/16 | 4 1/2  | 1/2-13 x 1/2   | 1/2         | 1/2             | 109.00             |  |



For 3D Models & 2D Sales Drawings

| DIMENSION<br>BORE, INCH |                   |
|-------------------------|-------------------|
| BORE SIZE               | BORE TOLERANCE    |
| 3/8" TO 1/2"            | +0.0005 / +0.0025 |
| 5/8" TO 2"              | +0.0005 / +0.0030 |

# SET SCREW COUPLINGS RC4H-SERIES

| PART NUMBER       |                 | PRODUCT SPECIFICATIONS |          |        |        |                |                    |  |
|-------------------|-----------------|------------------------|----------|--------|--------|----------------|--------------------|--|
| BLACK OXIDE STEEL | STAINLESS STEEL | BORE                   | 2ND BORE | OD     | LENGTH | SCREW SIZE     | APPROX WEIGHT (OZ) |  |
| RC-025-4H@90      | RC-025-S-4H@90  | 1/4                    | 1/4      | 1/2    | 3/4    | 10-32 x 1/8    | 0.45               |  |
| RC-031-4H@90      | RC-031-S-4H@90  | 5/16                   | 5/16     | 5/8    | 1      | 10-32 x 1/8    | 1.00               |  |
| RC-037-4H@90      | RC-037-S-4H@90  | 3/8                    | 3/8      | 3/4    | 1      | 1/4-20 x 3/16  | 1.40               |  |
| RC-050-4H@90      | RC-050-S-4H@90  | 1/2                    | 1/2      | 1      | 1 1/2  | 1/4-20 x 1/4   | 3.80               |  |
| RC-062-4H@90      | RC-062-S-4H@90  | 5/8                    | 5/8      | 1 1/4  | 2      | 5/16-18 x 5/16 | 8.00               |  |
| RC-075-4H@90      | RC-075-S-4H@90  | 3/4                    | 3/4      | 1 1/2  | 2      | 5/16-18 x 3/8  | 11.60              |  |
| RC-087-4H@90      | RC-087-S-4H@90  | 7/8                    | 7/8      | 1 3/4  | 2      | 5/16-18 x 5/16 | 16.00              |  |
| RC-100-4H@90      | RC-100-S-4H@90  | 1                      | 1        | 2      | 3      | 5/16-18 x 1/2  | 32.00              |  |
| RC-112-4H@90      | RC-112-S-4H@90  | 1 1/8                  | 1 1/8    | 2 1/8  | 3      | 3/8-16 x 1/2   | 40.15              |  |
| RC-125-4H@90      | RC-125-S-4H@90  | 1 1/4                  | 1 1/4    | 2 1/4  | 4      | 3/8-16 x 1/2   | 48.30              |  |
| RC-137-4H@90      | RC-137-S-4H@90  | 1 3/8                  | 1 3/8    | 2 1/2  | 4 1/2  | 3/8-16 x 1/2   | 55.15              |  |
| RC-150-4H@90      | RC-150-S-4H@90  | 1 1/2                  | 1 1/2    | 2 1/2  | 4 1/2  | 3/8-16 x 1/2   | 62.00              |  |
| RC-175-4H@90      | RC-175-S-4H@90  | 1 3/4                  | 1 3/4    | 2 3/4  | 4 1/2  | 3/8-16 x 1/2   | 70.60              |  |
| RC-200-4H@90      | RC-200-S-4H@90  | 2                      | 2        | 3 5/16 | 4 1/2  | 1/2-13 x 1/2   | 109.00             |  |



- Load capacity nearly doubled by adding a second set of set screws
- Traditional cost effective rigid coupling design
- Provides torque transmission and alignment
- Effective on both hard and soft shafts

| DIMENSION        |                       |
|------------------|-----------------------|
| BORE, INCH       |                       |
| <b>BORE SIZE</b> | <b>BORE TOLERANCE</b> |
| 1/4" TO 1/2"     | +0.0005 / +0.0025     |
| 5/8" TO 2"       | +0.0005 / +0.0030     |

For 3D Models & 2D Sales Drawings



# SET SCREW COUPLINGS WITH KEYWAY RC4H-SERIES

| PART NUMBER       |                 | PRODUCT SPECIFICATIONS |          |        |        |                |             |                 |                    |  |
|-------------------|-----------------|------------------------|----------|--------|--------|----------------|-------------|-----------------|--------------------|--|
| BLACK OXIDE STEEL | STAINLESS STEEL | BORE                   | 2ND BORE | OD     | LENGTH | SCREW SIZE     | KEYWAY SIZE | 2ND KEYWAY SIZE | APPROX WEIGHT (OZ) |  |
| RC-037-KW4H@90    | RC-037-SKW4H@90 | 3/8                    | 3/8      | 3/4    | 1      | 1/4-20 x 3/16  | 3/32        | 3/32            | 1.40               |  |
| RC-050-KW4H@90    | RC-050-SKW4H@90 | 1/2                    | 1/2      | 1      | 1 1/2  | 1/4-20 x 3/16  | 1/8         | 1/8             | 3.80               |  |
| RC-062-KW4H@90    | RC-062-SKW4H@90 | 5/8                    | 5/8      | 1 1/4  | 2      | 5/16-18 x 1/4  | 3/16        | 3/16            | 8.00               |  |
| RC-075-KW4H@90    | RC-075-SKW4H@90 | 3/4                    | 3/4      | 1 1/2  | 2      | 5/16-18 x 3/8  | 3/16        | 3/16            | 11.60              |  |
| RC-087-KW4H@90    | RC-087-SKW4H@90 | 7/8                    | 7/8      | 1 3/4  | 2      | 5/16-18 x 5/16 | 3/16        | 3/16            | 16.00              |  |
| RC-100-KW4H@90    | RC-100-SKW4H@90 | 1                      | 1        | 2      | 3      | 5/16-18 x 3/8  | 1/4         | 1/4             | 32.00              |  |
| RC-112-KW4H@90    | RC-112-SKW4H@90 | 1 1/8                  | 1 1/8    | 2 1/8  | 3      | 3/8-16 x 3/8   | 1/4         | 1/4             | 40.15              |  |
| RC-125-KW4H@90    | RC-125-SKW4H@90 | 1 1/4                  | 1 1/4    | 2 1/4  | 4      | 3/8-16 x 3/8   | 1/4         | 1/4             | 48.30              |  |
| RC-137-KW4H@90    | RC-137-SKW4H@90 | 1 3/8                  | 1 3/8    | 2 1/2  | 4 1/2  | 3/8-16 x 3/8   | 5/16        | 5/16            | 55.15              |  |
| RC-150-KW4H@90    | RC-150-SKW4H@90 | 1 1/2                  | 1 1/2    | 2 1/2  | 4 1/2  | 3/8-16 x 3/8   | 3/8         | 3/8             | 62.00              |  |
| RC-175-KW4H@90    | RC-175-SKW4H@90 | 1 3/4                  | 1 3/4    | 2 3/4  | 4 1/2  | 3/8-16 x 3/8   | 3/8         | 3/8             | 70.60              |  |
| RC-200-KW4H@90    | RC-200-SKW4H@90 | 2                      | 2        | 3 5/16 | 4 1/2  | 1/2-13 x 1/2   | 1/2         | 1/2             | 109.00             |  |



- For use on keyed shafts
- Load capacity nearly doubled by adding a second set of set screws
- Traditional cost effective rigid coupling design
- Provides torque transmission and alignment
- Effective on both hard and soft shafts

| DIMENSION        |                       |
|------------------|-----------------------|
| BORE, INCH       |                       |
| <b>BORE SIZE</b> | <b>BORE TOLERANCE</b> |
| 1/4" TO 1/2"     | +0.0005 / +0.0025     |
| 5/8" TO 2"       | +0.0005 / +0.0030     |

For 3D Models & 2D Sales Drawings



## METRIC SET SCREW COUPLINGS **MRC-SERIES**



- Traditional cost effective rigid coupling design
- Provides torque transmission and alignment
- Effective on both hard and soft shafts

| PART NUMBER       |                 | PRODUCT SPECIFICATIONS |          |    |        |            |                    |
|-------------------|-----------------|------------------------|----------|----|--------|------------|--------------------|
| BLACK OXIDE STEEL | STAINLESS STEEL | BORE                   | 2ND BORE | OD | LENGTH | SCREW SIZE | APPROX WEIGHT (OZ) |
| MRC-10            | MRC-10-S        | 10                     | 10       | 19 | 25     | M 5 x 5    | 1.40               |
| MRC-12            | MRC-12-S        | 12                     | 12       | 22 | 38     | M 6 x 6    | 3.50               |
| MRC-15            | MRC-15-S        | 15                     | 15       | 31 | 50     | M 6 x 6    | 8.00               |
| MRC-20            | MRC-20-S        | 20                     | 20       | 38 | 50     | M 6 x 6    | 11.60              |
| MRC-25            | MRC-25-S        | 25                     | 25       | 50 | 76     | M 8 x 8    | 32.00              |
| MRC-30            | MRC-30-S        | 30                     | 30       | 57 | 101    | M 8 x 8    | 47.00              |
| MRC-35            | MRC-35-S        | 35                     | 35       | 63 | 114    | M 8 x 10   | 55.00              |
| MRC-40            | MRC-40-S        | 40                     | 40       | 63 | 114    | M 10 x 10  | 62.00              |



For 3D Models & 2D Sales Drawings

| DIMENSION<br>BORE, MM |                 |
|-----------------------|-----------------|
| BORE SIZE             | BORE TOLERANCE  |
| 10 TO 12MM            | +0.01 / +0.06MM |
| 15 TO 40MM            | +0.01 / +0.08MM |

## METRIC SET SCREW COUPLINGS WITH KEYWAY **MRC-SERIES**



- For use on keyed shafts
- Traditional cost effective rigid coupling design
- Provides torque transmission and alignment
- Effective on both hard and soft shafts

| PART NUMBER       |                 | PRODUCT SPECIFICATIONS |          |    |        |            |             |                 |                    |
|-------------------|-----------------|------------------------|----------|----|--------|------------|-------------|-----------------|--------------------|
| BLACK OXIDE STEEL | STAINLESS STEEL | BORE                   | 2ND BORE | OD | LENGTH | SCREW SIZE | KEYWAY SIZE | 2ND KEYWAY SIZE | APPROX WEIGHT (OZ) |
| MRC-10-KW         | MRC-10-S-KW     | 10                     | 10       | 19 | 25     | M 5 x 5    | 3           | 3               | 1.40               |
| MRC-12-KW         | MRC-12-S-KW     | 12                     | 12       | 22 | 38     | M 6 x 6    | 4           | 4               | 3.50               |
| MRC-15-KW         | MRC-15-S-KW     | 15                     | 15       | 31 | 50     | M 6 x 6    | 5           | 5               | 8.00               |
| MRC-20-KW         | MRC-20-S-KW     | 20                     | 20       | 38 | 50     | M 6 x 6    | 6           | 6               | 11.60              |
| MRC-25-KW         | MRC-25-S-KW     | 25                     | 25       | 50 | 76     | M 8 x 8    | 8           | 8               | 32.00              |
| MRC-30-KW         | MRC-30-S-KW     | 30                     | 30       | 57 | 101    | M 8 x 8    | 8           | 8               | 47.00              |
| MRC-35-KW         | MRC-35-S-KW     | 35                     | 35       | 63 | 114    | M 8 x 10   | 10          | 10              | 55.00              |
| MRC-40-KW         | MRC-40-S-KW     | 40                     | 40       | 63 | 114    | M 10 x 10  | 12          | 12              | 62.00              |



For 3D Models & 2D Sales Drawings

| DIMENSION<br>BORE, MM |                 |
|-----------------------|-----------------|
| BORE SIZE             | BORE TOLERANCE  |
| 10 TO 12MM            | +0.01 / +0.06MM |
| 15 TO 40MM            | +0.01 / +0.08MM |

## METRIC SET SCREW COUPLINGS **MRC4H-SERIES**

| PART NUMBER       |                 | PRODUCT SPECIFICATIONS |          |    |        |            |                    |
|-------------------|-----------------|------------------------|----------|----|--------|------------|--------------------|
| BLACK OXIDE STEEL | STAINLESS STEEL | BORE                   | 2ND BORE | OD | LENGTH | SCREW SIZE | APPROX WEIGHT (OZ) |
| MRC-10-4H@90      | MRC-10-S-4H@90  | 10                     | 10       | 19 | 25     | M 5 x 5    | 1.40               |
| MRC-12-4H@90      | MRC-12-S-4H@90  | 12                     | 12       | 22 | 38     | M 6 x 6    | 3.50               |
| MRC-15-4H@90      | MRC-15-S-4H@90  | 15                     | 15       | 31 | 50     | M 6 x 6    | 8.00               |
| MRC-20-4H@90      | MRC-20-S-4H@90  | 20                     | 20       | 38 | 50     | M 6 x 6    | 11.60              |
| MRC-25-4H@90      | MRC-25-S-4H@90  | 25                     | 25       | 50 | 76     | M 8 x 8    | 32.00              |
| MRC-30-4H@90      | MRC-30-S-4H@90  | 30                     | 30       | 57 | 101    | M 8 x 8    | 47.00              |
| MRC-35-4H@90      | MRC-35-S-4H@90  | 35                     | 35       | 63 | 114    | M 8 x 10   | 55.00              |
| MRC-40-4H@90      | MRC-40-S-4H@90  | 40                     | 40       | 63 | 114    | M 10 x 10  | 62.00              |



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- Effective on both hard and soft shafts

| DIMENSION  |                 |
|------------|-----------------|
| BORE, MM   |                 |
| BORE SIZE  | BORE TOLERANCE  |
| 10 TO 12MM | +0.01 / +0.06MM |
| 15 TO 40MM | +0.01 / +0.08MM |

For 3D Models & 2D Sales Drawings



## METRIC SET SCREW COUPLINGS WITH KEYWAY **MRC4H-SERIES**

| PART NUMBER       |                 | PRODUCT SPECIFICATIONS |          |    |        |            |             |                 |                    |
|-------------------|-----------------|------------------------|----------|----|--------|------------|-------------|-----------------|--------------------|
| BLACK OXIDE STEEL | STAINLESS STEEL | BORE                   | 2ND BORE | OD | LENGTH | SCREW SIZE | KEYWAY SIZE | 2ND KEYWAY SIZE | APPROX WEIGHT (OZ) |
| MRC-10-KW4H@90    | MRC-10-SKW4H@90 | 10                     | 10       | 19 | 25     | M 5 x 5    | 3           | 3               | 1.40               |
| MRC-12-KW4H@90    | MRC-12-SKW4H@90 | 12                     | 12       | 22 | 38     | M 6 x 6    | 4           | 4               | 3.50               |
| MRC-15-KW4H@90    | MRC-15-SKW4H@90 | 15                     | 15       | 31 | 50     | M 6 x 6    | 5           | 5               | 8.00               |
| MRC-20-KW4H@90    | MRC-20-SKW4H@90 | 20                     | 20       | 38 | 50     | M 6 x 6    | 6           | 6               | 11.60              |
| MRC-25-KW4H@90    | MRC-25-SKW4H@90 | 25                     | 25       | 50 | 76     | M 8 x 8    | 8           | 8               | 32.00              |
| MRC-30-KW4H@90    | MRC-30-SKW4H@90 | 30                     | 30       | 57 | 101    | M 8 x 8    | 8           | 8               | 47.00              |
| MRC-35-KW4H@90    | MRC-35-SKW4H@90 | 35                     | 35       | 63 | 114    | M 8 x 10   | 10          | 10              | 55.00              |
| MRC-40-KW4H@90    | MRC-40-SKW4H@90 | 40                     | 40       | 63 | 114    | M 10 x 10  | 12          | 12              | 62.00              |



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- Traditional cost effective rigid coupling design
- Provides torque transmission and alignment
- Effective on both hard and soft shafts

| DIMENSION  |                 |
|------------|-----------------|
| BORE, MM   |                 |
| BORE SIZE  | BORE TOLERANCE  |
| 10 TO 12MM | +0.01 / +0.06MM |
| 15 TO 40MM | +0.01 / +0.08MM |

For 3D Models & 2D Sales Drawings

