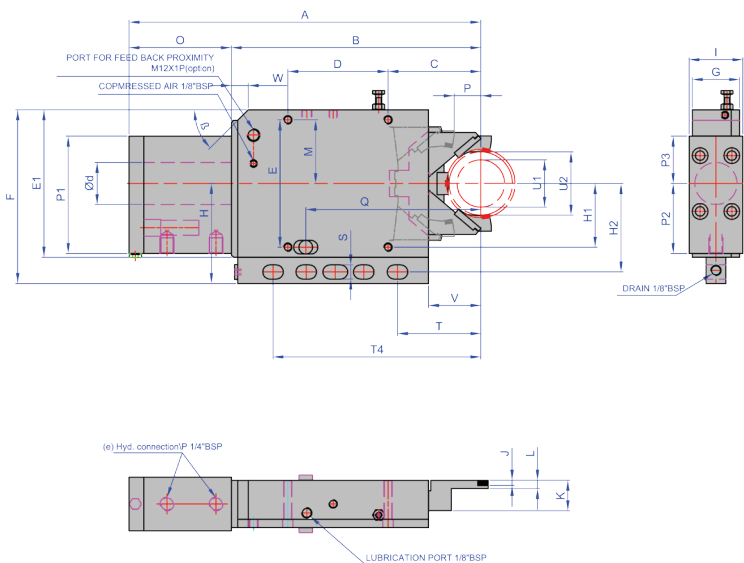
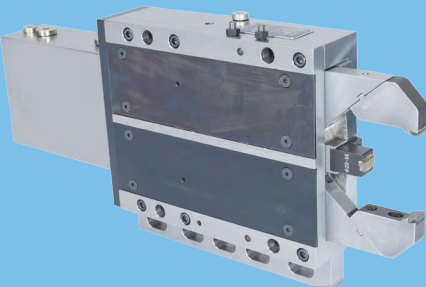


Model: AS ( Steady Rest With Retractable Arms )

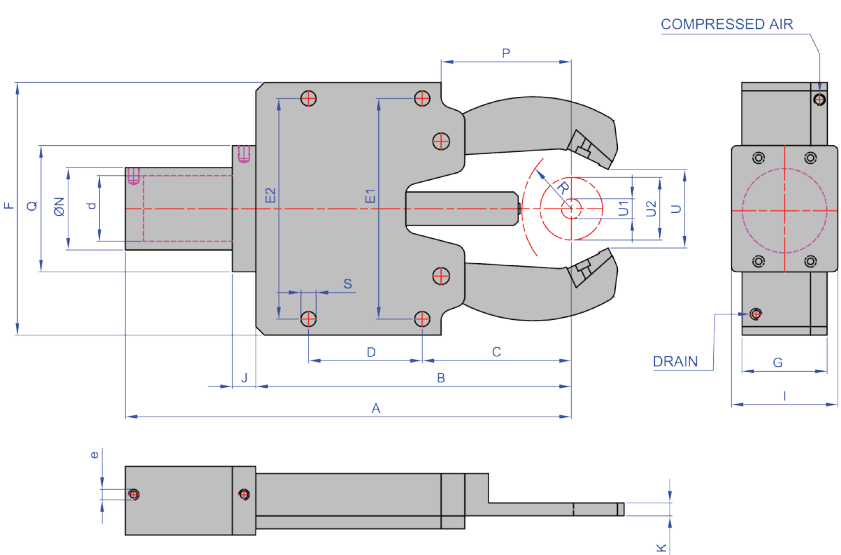


**AS**  
This series is specially designed with retractable arms for easy vertical loading of jobs even in hydraulic cylindrical grinding machines.

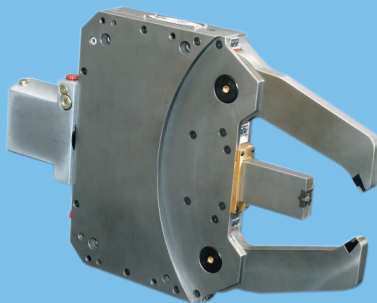
| Steady Rest Type                                                                    |     |       | AS125 | AS235 | AS260 | AS460 | AS6011 | AS5514 |
|-------------------------------------------------------------------------------------|-----|-------|-------|-------|-------|-------|--------|--------|
|  | A   | 338.5 | 333.5 | 355   | 333.5 | 675.5 | 650    |        |
|                                                                                     | B   | 236.5 | 236.5 | 236.5 | 236.5 | 536.5 | 565    |        |
|                                                                                     | C   | 88    | 88    | 88    | 88    | 175   | 295    |        |
|                                                                                     | D   | 95    | 95    | 95    | 95    | 260   | 135    |        |
|                                                                                     | E   | 121   | 121   | 121   | 121   | 254   | 254    |        |
|                                                                                     | E1  | 140   | 140   | 140   | 140   |       |        |        |
|                                                                                     | F   | 165   | 165   | 165   | 165   | 285   | 285    |        |
|                                                                                     | G   | 45    | 45    | 45    | 45    | 69    | 65     |        |
|                                                                                     | H   | 95    | 95    | 95    | 95    | 142.5 | 142.5  |        |
|                                                                                     | H1  | 60.5  | 60.5  | 60.5  | 60.5  |       |        |        |
|                                                                                     | H2  | 84    | 84    | 84    | 84    |       |        |        |
|                                                                                     | I   | 51    | 51    | 51    | 51    | 62.5  | 64     |        |
|                                                                                     | J   | 5     | 5     | 5     | 5     | 5     | 5      |        |
|                                                                                     | L   | 10    | 8     | 8     | 8     | 12    | 10     |        |
|                                                                                     | K   | 19    | 29    | 29    | 29    | 26    | 23     |        |
|                                                                                     | M   | 60.5  | 60.5  | 60.5  | 60.5  |       |        |        |
|                                                                                     | O   | 102   | 97    | 97    | 97    | 139   | 85     |        |
|                                                                                     | P   | 33.5  | 28.5  | 28.5  | 28.5  |       |        |        |
|                                                                                     | P1  | 92.5  | 92.5  | 92.5  | 92.5  |       |        |        |
|                                                                                     | S   | 13.5  | 13.5  | 13.5  | 13.5  | M16   | M16    |        |
|                                                                                     | T   | 79    | 79    | 79    | 79    |       |        |        |
|                                                                                     | T4  | 197   | 197   | 197   | 197   |       |        |        |
|                                                                                     | V   | 49.5  | 49.5  | 49.5  | 49.5  | 140   | 185    |        |
|                                                                                     | W   | 16    | 16    | 16    | 16    | 48.5  | 96.5   |        |
|                                                                                     | U1  | 10    | 20    | 20    | 45    | 60    | 55     |        |
| Cetering Ranges                                                                     | U2  | 25    | 35    | 60    | 60    | 115   | 142    |        |
|                                                                                     | U2  | 25    | 35    | 60    | 60    | 115   | 142    |        |
| Cylinder bore                                                                       | d   | 40    | 40    | 40    | 40    | 50    | 40     |        |
| Hyd. Connection. ( BSP )                                                            | e   | 1/4"  | 1/4"  | 1/4"  | 1/4"  | 1/4"  | 1/4"   |        |
| Standard operating pressure                                                         | bar | 4-25  | 4-25  | 4-25  | 4-25  | 10-35 | 4-35   |        |
| Max. operating pressure                                                             | bar | 30    | 30    | 30    | 30    | 40    | 40     |        |
| Centering accuracy over the whole clamping range                                    | mm  | 0.01  | 0.01  | 0.01  | 0.01  | 0.01  | 0.01   |        |
| Repeatability                                                                       | mm  | 0.002 | 0.002 | 0.002 | 0.002 | 0.002 | 0.002  |        |
| Weight Approx.                                                                      | kg  | 35    | 35    | 35    | 35    | 55    | 60     |        |

\*Other models are available on request.

Model: KRGU ( Crank Shaft Grinding Application )



**KRGU Series**  
This series is specially designed for crank shaft grinding to accommodate the maximum eccentric throw and journal diameter of crank shafts. Custom made design are available to accommodate in-process gauge and vertical loading.

| Steady Rest Type                                                                      |     | KRGHS790   | KRGU1517 | KRGU4510 | KRGHS9585 | KRGU502 | KRGU580 | KRGU1019 |
|---------------------------------------------------------------------------------------|-----|------------|----------|----------|-----------|---------|---------|----------|
|  | A   | 420        | 518.5    | 465      | 590.5     | 508.5   | 565.5   | 502      |
|                                                                                       | B   | 323        | 423      | 358      | 444       | 405     | 462     | 355.5    |
|                                                                                       | C   | 190        | 230      | 165      | 254       | 236     | 293     | 162      |
|                                                                                       | D   | 90         | 135      | 135      | 142       | 125     | 125     | 135      |
|                                                                                       | E1  | 202        | 262      | 262      | 350       | 337     | 234     | 262      |
|                                                                                       | E2  | 202        | 262      | 262      | 320       | 337     | 234     | 262      |
|                                                                                       | F   | 234        | 290      | 290      | 400       | 363     | 260     | 290      |
|                                                                                       | G   | 55         | 64       | 57       | 64        | 62      | 62      | 64       |
|                                                                                       | I   | 62         | 68       | 68       | 72        | 68      | 68      | 72       |
|                                                                                       | J   | 25         | 33       | 33       | 25        | 33      | 33      | 25       |
|                                                                                       | K   | 10         | 16       | 10       | 21        | 10      | 12      | 24       |
|                                                                                       | N   | 53         | 105      | 119      | 95        | -       | 105     | 95       |
|                                                                                       | P   | 158.4      | 206.4    | 141.5    | 194.5     | 206.8   | 268.4   | 133.4    |
|                                                                                       | Q   | 96         | 141      | 148      | 130       | 141     | 141     | 130      |
|                                                                                       | S   | M12 X 1.75 | 14       | 18       | 18        | 22/14   | 20/14   | 18       |
| Clamping Ranges                                                                       | U1  | 70         | 150      | 45       | 95        | 50      | 50      | 100      |
|                                                                                       | U2  | 90         | 170      | 105      | 185       | 102     | 80      | 190      |
| Max. axial Opening                                                                    | U   | 98         | 181      | 125      | 210       | 109     | 106.5   | 226      |
| Eccentric throw (R value)                                                             | R   | 120        | 122      | 125      | 286       | 205     | 205     | 175      |
| Cylinder bore.                                                                        | d   | 40         | 50       | 50       | 60        | 50      | 50      | 60       |
| Hyd. Connection. (BSP)                                                                | e   | 1/4"       | 1/4"     | 1/4"     | 1/4"      | 1/4"    | 1/4"    | 1/4"     |
| Standard operating pressure                                                           | bar | 4-15       | 6-30     | 6-30     | 12-45     | 6--30   | 6-30    | 12-45    |
| Max. operating pressure                                                               | bar | 20         | 35       | 35       | 60        | 35      | 35      | 60       |
| Max. clamp pressure/pad.                                                              | daN | 60         | 196      | 196      | 425       | 196     | 196     | 425      |
| Centering accuracy over the whole clamping range.                                     | mm  | 0.005      | 0.01     | 0.01     | 0.01      | 0.01    | 0.01    | 0.01     |
| Repeatability                                                                         | mm  | 0.002      | 0.004    | 0.004    | 0.004     | 0.002   | 0.004   | 0.004    |

\*Other models are available on request.