

## screw drive



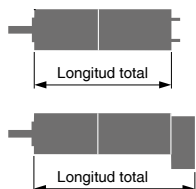
|                                                    |                            |       |       |       |       |
|----------------------------------------------------|----------------------------|-------|-------|-------|-------|
| Husillo                                            | TR10 x 2, acero inoxidable |       |       |       |       |
| Longitud estándar                                  | 200.8 mm                   |       |       |       |       |
| Longitud especial (múltiplos de 5 mm)              | máx. 600 mm                |       |       |       |       |
| Tuerca (estándar)                                  | tuerca roscada             |       |       |       |       |
| Material                                           | bronce                     |       |       |       |       |
| Juego axial                                        | < 0.008 mm                 |       |       |       |       |
| Reductor planetario                                | diente recto               |       |       |       |       |
| Rodamiento rodamiento a bolas/rodamiento de agujas |                            |       |       |       |       |
| Juego radial a 5 mm de la brida                    | < 0.05 mm                  |       |       |       |       |
| Juego axial                                        | pretensado                 |       |       |       |       |
| Máx. velocidad de entrada en continuo <sup>2</sup> | 8000 rpm                   |       |       |       |       |
| Rango de temperatura recomendado                   | -15...+80°C                |       |       |       |       |
| Máx. fuerza axial adm. (estática) <sup>1</sup>     | 2700 N                     |       |       |       |       |
| Número de etapas                                   | 0                          | 1     | 2     | 3     | 4     |
| Máx. carga radial adm.                             |                            |       |       |       |       |
| 15 mm de la brida                                  | 200 N                      | 200 N | 350 N | 400 N | 400 N |

<sup>1</sup> Basado en una longitud de husillo de 200.8 mm (Longitud estándar)      <sup>2</sup> para reducción 1:1 = 5569 rpm



420 maxon screw drive

# Husillo GP 32 S Ø32 mm, Husillo de rosca trapezoidal



| Referencia |        |        |        |        |        |        |        |        |
|------------|--------|--------|--------|--------|--------|--------|--------|--------|
| 363936     | 363937 | 363940 | 363945 | 363946 | 363951 | 363956 | 363961 | 363966 |
|            | 363938 | 363941 |        | 363947 | 363952 | 363957 | 363962 | 363967 |
|            | 363939 | 363942 |        | 363948 | 363953 | 363958 | 363963 | 363968 |
|            |        | 363943 |        | 363949 | 363954 | 363959 | 363964 |        |
|            |        | 363944 |        | 363950 | 363955 | 363960 | 363965 |        |

| Sistema Modular maxon |        |                 |         |                                                                                               |       |       |       |       |       |       |       |
|-----------------------|--------|-----------------|---------|-----------------------------------------------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|
| + Motor               | Página | + Sensor/Freno  | Página  | Longitud total [mm] = Longitud motor + longitud reductor + (sensor/freno) + piezas de montaje |       |       |       |       |       |       |       |
| RE 35, 90 W           | 139    |                 |         | 122.1                                                                                         | 122.1 | 128.8 | 128.8 | 135.5 | 135.5 | 142.2 | 142.2 |
| RE 35, 90 W           | 139    | MR              | 464     | 133.5                                                                                         | 133.5 | 140.2 | 140.2 | 146.9 | 146.9 | 153.6 | 153.6 |
| RE 35, 90 W           | 139    | HED_5540        | 471/473 | 142.8                                                                                         | 142.8 | 149.5 | 149.5 | 156.2 | 156.2 | 162.9 | 162.9 |
| RE 35, 90 W           | 139    | DCT 22          | 480     | 140.2                                                                                         | 140.2 | 146.9 | 146.9 | 153.6 | 153.6 | 160.3 | 160.3 |
| RE 35, 90 W           | 139    | AB 28           | 519     | 158.2                                                                                         | 158.2 | 164.9 | 164.9 | 171.6 | 171.6 | 178.3 | 178.3 |
| RE 35, 90 W           | 139    | HEDS 5540/AB 28 | 471/519 | 175.4                                                                                         | 175.4 | 182.1 | 182.1 | 188.8 | 188.8 | 195.5 | 195.5 |
| A-max 26              | 164    |                 |         | -                                                                                             | 95.8  | 102.5 | 102.5 | 109.2 | 109.2 | 115.9 | 115.9 |
| A-max 26              | 164    | MR              | 463     | -                                                                                             | 104.6 | 111.3 | 111.3 | 118.0 | 118.0 | 124.7 | 124.7 |
| A-max 26              | 164    | Enc 22          | 468     | -                                                                                             | 110.2 | 116.9 | 116.9 | 123.6 | 123.6 | 130.3 | 130.3 |
| A-max 26              | 164    | HED_5540        | 472/474 | -                                                                                             | 114.2 | 120.9 | 120.9 | 127.6 | 127.6 | 134.3 | 134.3 |
| A-max 32              | 165    |                 |         | -                                                                                             | 114.0 | 120.7 | 120.7 | 127.4 | 127.4 | 134.1 | 134.1 |
| A-max 32              | 166    |                 |         | -                                                                                             | 112.6 | 119.3 | 119.3 | 126.0 | 126.0 | 132.7 | 132.7 |
| A-max 32              | 166    | MR              | 464     | -                                                                                             | 123.8 | 130.5 | 130.5 | 137.2 | 137.2 | 143.9 | 143.9 |
| A-max 32              | 166    | HED_5540        | 471/473 | -                                                                                             | 133.4 | 140.1 | 140.1 | 146.8 | 146.8 | 153.5 | 153.5 |
| EC 32, 80 W           | 228    |                 |         | 111.1                                                                                         | 111.1 | 117.8 | 117.8 | 124.5 | 124.5 | 131.2 | 131.2 |
| EC 32, 80 W           | 228    | HED_5540        | 471/473 | 129.5                                                                                         | 129.5 | 136.2 | 136.2 | 142.9 | 142.9 | 149.6 | 149.6 |
| EC 32, 80 W           | 228    | Res 26          | 481     | 131.2                                                                                         | 131.2 | 137.9 | 137.9 | 144.6 | 144.6 | 151.3 | 151.3 |
| EC-max 22, 25 W       | 239    |                 |         | -                                                                                             | 99.6  | 106.3 | 106.3 | 113.0 | 113.0 | 119.7 | 119.7 |
| EC-max 22, 25 W       | 239    | MR              | 464     | -                                                                                             | 109.3 | 116.0 | 116.0 | 122.7 | 122.7 | 129.4 | 129.4 |
| EC-max 22, 25 W       | 239    | AB 20           | 516     | -                                                                                             | 135.4 | 142.1 | 142.1 | 148.8 | 148.8 | 155.5 | 155.5 |
| EC-max 30, 40 W       | 240    |                 |         | -                                                                                             | 93.1  | 99.8  | 99.8  | 106.5 | 106.5 | 113.2 | 113.2 |
| EC-max 30, 40 W       | 240    | MR              | 464     | -                                                                                             | 105.3 | 112.0 | 112.0 | 118.7 | 118.7 | 125.4 | 125.4 |
| EC-max 30, 40 W       | 240    | HEDL 5540       | 474     | -                                                                                             | 113.7 | 120.4 | 120.4 | 127.1 | 127.1 | 133.8 | 133.8 |
| EC-max 30, 40 W       | 240    | AB 20           | 516     | -                                                                                             | 128.9 | 135.6 | 135.6 | 142.3 | 142.3 | 148.3 | 148.3 |
| EC-max 30, 40 W       | 240    | HEDL 5540/AB 20 | 474/516 | -                                                                                             | 149.5 | 156.2 | 156.2 | 162.9 | 162.9 | 169.6 | 169.6 |
| EC-4pole 22, 90 W     | 247    |                 |         | 99.7                                                                                          | 99.7  | 106.4 | 106.4 | 113.1 | 113.1 | 119.8 | 119.8 |
| EC-4pole 22, 90 W     | 247    | 16 EASY/XT/Abs. | 449-453 | 111.9                                                                                         | 111.9 | 118.6 | 118.6 | 125.3 | 125.3 | 132.0 | 132.0 |
| EC-4pole 22, 90 W     | 247    | 16 EASY Abs. XT | 455     | 112.4                                                                                         | 112.4 | 119.1 | 119.1 | 125.8 | 125.8 | 132.5 | 132.5 |
| EC-4pole 22, 90 W     | 247    | 16 RIO          | 466     | 110.4                                                                                         | 110.4 | 117.1 | 117.1 | 123.8 | 123.8 | 130.5 | 130.5 |
| EC-4pole 22, 90 W     | 247    | AEDL/HEDL       | 469/475 | 121.2                                                                                         | 121.2 | 127.9 | 127.9 | 134.6 | 134.6 | 141.3 | 141.3 |
| EC-4pole 22,120 W     | 248    |                 |         | 117.1                                                                                         | 117.1 | 123.8 | 123.8 | 130.5 | 130.5 | 137.2 | 137.2 |
| EC-4pole 22,120 W     | 248    | 16 EASY/XT/Abs. | 449-453 | 129.3                                                                                         | 129.3 | 136.0 | 136.0 | 142.7 | 142.7 | 149.4 | 149.4 |
| EC-4pole 22,120 W     | 248    | 16 EASY Abs. XT | 455     | 129.8                                                                                         | 129.8 | 136.5 | 136.5 | 143.2 | 143.2 | 149.9 | 149.9 |
| EC-4pole 22,120 W     | 248    | 16 RIO          | 466     | 127.8                                                                                         | 127.8 | 134.5 | 134.5 | 141.2 | 141.2 | 147.9 | 147.9 |
| EC-4pole 22,120 W     | 248    | AEDL/HEDL       | 469/475 | 138.6                                                                                         | 138.6 | 145.3 | 145.3 | 152.0 | 152.0 | 158.7 | 158.7 |
| EC-i 30, 30 W         | 258    |                 |         | 93.3                                                                                          | 93.3  | 100.0 | 100.0 | 106.7 | 106.7 | 113.4 | 113.4 |
| EC-i 30, 30 W         | 258    | 16 EASY/Abs.    | 449/453 | 105.0                                                                                         | 105.0 | 111.7 | 111.7 | 118.4 | 118.4 | 125.1 | 125.1 |
| EC-i 30, 30 W         | 258    | 16 RIO          | 466     | 103.5                                                                                         | 103.5 | 110.2 | 110.2 | 116.9 | 116.9 | 123.6 | 123.6 |
| EC-i 30, 30 W         | 258    | AEDL/HEDL       | 469/474 | 114.0                                                                                         | 114.0 | 120.7 | 120.7 | 127.4 | 127.4 | 134.1 | 134.1 |
| EC-i 30, 45 W         | 259    |                 |         | 93.3                                                                                          | 93.3  | 100.0 | 100.0 | 106.7 | 106.7 | 113.4 | 113.4 |
| EC-i 30, 45 W         | 259    | 16 EASY/Abs.    | 449/453 | 105.0                                                                                         | 105.0 | 111.7 | 111.7 | 118.4 | 118.4 | 125.1 | 125.1 |
| EC-i 30, 45 W         | 259    | 16 RIO          | 466     | 103.5                                                                                         | 103.5 | 110.2 | 110.2 | 116.9 | 116.9 | 123.6 | 123.6 |
| EC-i 30, 45 W         | 259    | AEDL/HEDL       | 469/474 | 114.0                                                                                         | 114.0 | 120.7 | 120.7 | 127.4 | 127.4 | 134.1 | 134.1 |
| EC-i 30, 50 W         | 260    |                 |         | 115.3                                                                                         | 115.3 | 122.0 | 122.0 | 128.7 | 128.7 | 135.4 | 135.4 |
| EC-i 30, 50 W         | 260    | 16 EASY/Abs.    | 449/453 | 127.0                                                                                         | 127.0 | 133.7 | 133.7 | 140.4 | 140.4 | 147.1 | 147.1 |
| EC-i 30, 50 W         | 260    | 16 RIO          | 466     | 125.5                                                                                         | 125.5 | 132.2 | 132.2 | 138.9 | 138.9 | 145.6 | 145.6 |
| EC-i 30, 50 W         | 260    | AEDL/HEDL       | 469/474 | 136.0                                                                                         | 136.0 | 142.7 | 142.7 | 149.4 | 149.4 | 156.1 | 156.1 |
| EC-i 30, 75 W         | 261    |                 |         | 115.3                                                                                         | 115.3 | 122.0 | 122.0 | 128.7 | 128.7 | 135.4 | 135.4 |
| EC-i 30, 75 W         | 261    | 16 EASY/Abs.    | 449/453 | 127.0                                                                                         | 127.0 | 133.7 | 133.7 | 140.4 | 140.4 | 147.1 | 147.1 |
| EC-i 30, 75 W         | 261    | 16 RIO          | 466     | 125.5                                                                                         | 125.5 | 132.2 | 132.2 | 138.9 | 138.9 | 145.6 | 145.6 |
| EC-i 30, 75 W         | 261    | AEDL/HEDL       | 469/474 | 136.0                                                                                         | 136.0 | 142.7 | 142.7 | 149.4 | 149.4 | 156.1 | 156.1 |
| EC-i 40, 50 W         | 262    |                 |         | 82.7                                                                                          | 82.7  | 89.4  | 89.4  | 96.1  | 96.1  | 102.8 | 102.8 |
| EC-i 40, 50 W         | 262    | 16 EASY/Abs.    | 449/453 | 94.4                                                                                          | 94.4  | 101.1 | 101.1 | 107.8 | 107.8 | 114.5 | 114.5 |
| EC-i 40, 50 W         | 262    | 16 RIO          | 466     | 97.2                                                                                          | 97.2  | 103.9 | 103.9 | 110.6 | 110.6 | 117.3 | 117.3 |
| EC-i 40, 50 W         | 262    | AEDL/HEDL       | 469/474 | 105.7                                                                                         | 105.7 | 112.4 | 112.4 | 119.1 | 119.1 | 125.8 | 125.8 |
| EC-i 40, 70 W         | 264    |                 |         | 92.7                                                                                          | 92.7  | 99.4  | 99.4  | 106.1 | 106.1 | 112.8 | 112.8 |
| EC-i 40, 70 W         | 264    | 16 EASY/Abs.    | 449/453 | 104.4                                                                                         | 104.4 | 111.1 | 111.1 | 117.8 | 117.8 | 124.5 | 124.5 |
| EC-i 40, 70 W         | 264    | 16 RIO          | 466     | 107.2                                                                                         | 107.2 | 113.9 | 113.9 | 120.6 | 120.6 | 127.3 | 127.3 |
| EC-i 40, 70 W         | 264    | AEDL/HEDL       | 469/474 | 115.7                                                                                         | 115.7 | 122.4 | 122.4 | 129.1 | 129.1 | 135.8 | 135.8 |