

| <b>BR Series</b>  |         |                   |         |           |                   | € List Price |       |  |
|---|---------|-------------------|---------|-----------|-------------------|--------------|-------|--|
| High Accuracy Standard open centre power chuck with a large thru-hole |         |                   |         |           |                   |              |       |  |
| Outside Ø   | Bore Ø  | Mount type        | Jaw No. | Type      | Model             |              |       |  |
| 6" (170mm)  | 53mm    | 140mm recess      | Three   | Hydraulic | <b>BR06</b>       | € 2,341      |       |  |
| 8" (210mm)  | 66mm    | 170mm recess      |         |           | <b>BR08</b>       | € 2,674      |       |  |
| 10" (254mm)   | 81mm    | 220mm recess      |         |           | <b>BR10</b>       | € 3,031      |       |  |
| 12" (315mm)   | 106mm   | 300mm recess      |         |           | <b>BR12</b>       | POA          |       |  |
| 6" (170mm)  | 53mm    | A2-5              |         |           | <b>BR06A5</b>     | € 2,559      |       |  |
| 8" (210mm)  | 66mm    | A2-6              |         |           | <b>BR08A6</b>     | € 2,941      |       |  |
| 10" (254mm)   | 81mm    | A2-6 or A2-8      |         |           | <b>BR10A6/A8</b>  | € 3,397      |       |  |
| 12" (315mm)   | 106mm   |                   |         |           | <b>BR12A6/A8</b>  | POA          |       |  |
| <b>BR Series - High Accuracy T-Nuts</b>                               |         |                   |         |           |                   | € List Price |       |  |
| Enable sub 0.01mm repeatability after exchanging Jaws                 |         |                   |         |           | <b>TN06PLUS</b>   | € 405        |       |  |
|   |         |                   |         |           | <b>TN08PLUS</b>   | € 431        |       |  |
|   |         |                   |         |           | <b>TN10PLUS</b>   | € 453        |       |  |
|   |         |                   |         |           | <b>TN12PLUS</b>   | POA          |       |  |
| <b>B200 Series</b>  |         |                   |         |           |                   | € List Price |       |  |
| Description - Standard open centre power chuck                        |         |                   |         |           |                   |              |       |  |
| Outside Ø   | Bore Ø  | Mount type        | Jaw No. | Type      | Model             |              |       |  |
| 4" (110mm)  | 26mm    | 85mm recess       | Three   | Hydraulic | <b>B204</b>       | € 2,097      |       |  |
| 5" (135mm)  | 33mm    | 110mm recess      |         |           | <b>B205</b>       | € 2,155      |       |  |
| 6" (169mm)  | 45mm    | 140mm recess      |         |           | <b>B206</b>       | € 1,689      |       |  |
| 8" (210mm)  | 52mm    | 170mm recess      |         |           | <b>B208</b>       | € 1,773      |       |  |
| 10" (254mm)   | 75mm    | 220mm recess      |         |           | <b>B210</b>       | € 2,071      |       |  |
| 12" (304mm)   | 91mm    |                   |         |           | <b>B212</b>       | € 2,875      |       |  |
| 15" (381mm)   | 100mm   | 300mm recess      |         |           | <b>B215</b>       | € 7,412      |       |  |
| 6" (169mm)  | 45mm    | A2-5              |         |           | <b>B206A5</b>     | € 1,907      |       |  |
| 8" (210mm)  | 52mm    | A2-6              |         |           | <b>B208A6</b>     | € 2,039      |       |  |
| 10" (254mm)   | 75mm    | A2-6 or A2-8      |         |           | <b>B210A6/A8</b>  | € 2,436      |       |  |
| 12" (304mm)   | 91mm    |                   |         |           | <b>B212A6/A8</b>  | € 3,240      |       |  |
| 15" (381mm)   | 100mm   | A2-11             |         |           | <b>B215A11</b>    | € 7,941      |       |  |
| <b>B Series</b>   |         |                   |         |           |                   | € List Price |       |  |
| Description - Large diameter open centre power chuck                  |         |                   |         |           |                   |              |       |  |
| Outside Ø   | Bore Ø  | Mount type        |         |           | Jaw No.           | Type         | Model |  |
| 15" (381mm)   | 117.5mm | 300mm recess      | Three   | Hydraulic | <b>B-15</b>       | € 5,442      |       |  |
| 18" (450mm)   |         |                   |         |           | <b>B-18</b>       | € 8,527      |       |  |
| 21" (530mm)   |         | 380mm recess      |         |           | <b>B-21</b>       | € 11,742     |       |  |
| 24" (610mm)   |         |                   |         |           | <b>B-24</b>       | € 13,621     |       |  |
| 15" (381mm)   | 117.5mm | A2-8 or A2-11     |         |           | <b>B15A08/A11</b> | € 5,909      |       |  |
| 18" (450mm)   |         | A2-11 or A2-15    |         |           | <b>B18A11/A15</b> | € 9,521      |       |  |
| 21" (530mm)   |         |                   |         |           | <b>B21A11/A15</b> | € 12,822     |       |  |
| 24" (610mm)   |         | <b>B24A11/A15</b> |         |           | € 14,702          |              |       |  |
| <b>BB200 Series</b>   |         |                   |         |           |                   | € List Price |       |  |
| Description - Open centre power chuck with a large thru-hole          |         |                   |         |           |                   |              |       |  |
| Outside Ø   | Bore Ø  | Mount type        | Jaw No. | Type      | Model             |              |       |  |
| 6" (170mm)  | 53mm    | 140mm recess      | Three   | Hydraulic | <b>BB206</b>      | € 2,341      |       |  |
| 8" (210mm)  | 66mm    | 170mm recess      |         |           | <b>BB208</b>      | € 2,674      |       |  |
| 10" (254mm)   | 81mm    | 220mm recess      |         |           | <b>BB210</b>      | € 3,031      |       |  |
| 12" (304mm)   | 106mm   | 300mm recess      |         |           | <b>BB212</b>      | € 3,967      |       |  |
| 6" (170mm)  | 53mm    | A2-5              |         |           | <b>BB206A05</b>   | € 2,559      |       |  |
| 8" (210mm)  | 66mm    | A2-6              |         |           | <b>BB208A06</b>   | € 2,941      |       |  |
| 10" (254mm)   | 81mm    | A2-8              |         |           | <b>BB210A08</b>   | € 3,397      |       |  |
| 12" (304mm)   | 106mm   |                   |         |           | <b>BB212A08</b>   | € 4,333      |       |  |
| 12" (304mm)   | 106mm   | A2-11             |         |           | <b>BB212A11</b>   | € 4,460      |       |  |
| 18" (450mm)   | 166.5mm | A2-15             |         |           | <b>BB218K515</b>  | € 13,560     |       |  |
| 21" (530mm)   |         |                   |         |           | <b>BB221K515</b>  | € 22,995     |       |  |
| <b>Threading of Drawnuts</b>  |         |                   |         |           |                   | € List Price |       |  |
| Chuck Size  |         |                   |         |           |                   |              |       |  |
| 4" (110mm) to 12" (304mm)   |         |                   |         |           |                   | € 145        |       |  |
| 15" (381mm) to 24" (610mm)  |         |                   |         |           |                   | € 241        |       |  |
| <b>Extended Threaded Connectors</b>                                   |         |                   |         |           |                   | € List Price |       |  |
| Chuck Size  |         |                   |         |           |                   |              |       |  |
| 4" (110mm) to 8" (210mm)  |         |                   |         |           |                   | € 362        |       |  |
| 10" (254mm) to 12" (304mm)  |         |                   |         |           |                   | € 410        |       |  |
| 15" (381mm) to 24" (610mm)  |         |                   |         |           |                   | € 483        |       |  |

Note: All Prices Exclude Hard and Soft Top Jaws - for prices see pages 17 -20

| <b>BS300 Series</b>  |         |              |                   |           |                   | € List Price |
|--|---------|--------------|-------------------|-----------|-------------------|--------------|
| Description - Reduced jaw lift open centre power chuck         |         |              |                   |           |                   |              |
| Outside Ø  | Bore Ø  | Mount type   | Jaw No.           | Type      | Model             |              |
| 6" (169mm)   | 45mm    | 140mm recess | Three             | Hydraulic | <b>BS306</b>      | € 3,502      |
| 8" (210mm)   | 52mm    | 170mm recess |                   |           | <b>BS308</b>      | € 4,311      |
| 10" (254mm)  | 75mm    | 220mm recess |                   |           | <b>BS310</b>      | € 4,974      |
| 6" (169mm)   | 45mm    | A2-5         |                   |           | <b>BS306A5</b>    | € 3,904      |
| 8" (210mm)   | 52mm    | A2-6         |                   |           | <b>BS308A6</b>    | € 4,261      |
| 10" (254mm)  | 75mm    | A2-6 or A2-8 |                   |           | <b>BS310A6/A8</b> | € 5,477      |
| <b>BL200 Series</b>  |         |              |                   |           |                   | € List Price |
| Description - Long stroke open centre power chuck              |         |              |                   |           |                   |              |
| Outside Ø  | Bore Ø  | Mount type   | Jaw No.           | Type      | Model             |              |
| 6" (165mm)   | 28mm    | 140mm recess | Three             | Hydraulic | <b>BL206</b>      | € 5,547      |
| 8" (215mm)   | 45mm    | 170mm recess |                   |           | <b>BL208</b>      | € 6,130      |
| 10" (254mm)  | 53mm    | 220mm recess |                   |           | <b>BL210</b>      | € 7,155      |
| 12" (304mm)  | 63mm    | 220mm recess |                   |           | <b>BL212</b>      | € 8,115      |
| 6" (165mm)   | 28mm    | A2-5         |                   |           | <b>BL206A5</b>    | € 5,763      |
| 8" (215mm)   | 45mm    | A2-5 or A2-6 |                   |           | <b>BL208A5/A6</b> | € 6,394      |
| 10" (254mm)  | 53mm    | A2-6 or A2-8 | <b>BL210A6/A8</b> | € 7,517   |                   |              |
| 12" (304mm)  | 63mm    |              | <b>BL212A6/A8</b> | € 8,477   |                   |              |
| <b>HOH Series</b>  |         |              |                   |           |                   | € List Price |
| Description - Counter balanced open centre power chuck         |         |              |                   |           |                   |              |
| Outside Ø  | Bore Ø  | Mount type   | Jaw No.           | Type      | Model             |              |
| 6" (175mm)   | 45mm    | A2-5         | Three             | Hydraulic | <b>HOH-206</b>    | € 3,974      |
| 8" (230mm)   | 52mm    | A2-6         |                   |           | <b>HOH-208</b>    | € 4,125      |
| 10" (254mm)  | 65mm    | A2-8         |                   |           | <b>HOH-10K</b>    | € 6,065      |
| 12" (304mm)  | 78mm    | A2-8         |                   |           | <b>HOH-12K</b>    | € 7,351      |
| 15" (381mm)  | 117.5mm | A2-11        |                   |           | <b>HOH-15K</b>    | € 10,451     |
|  |         |              |                   |           |                   |              |
| <b>QB300 Series</b>  |         |              |                   |           |                   | € List Price |
| Description - Quick jaw change power chuck with an open centre |         |              |                   |           |                   |              |
| Outside Ø  | Bore Ø  | Mount type   | Jaw No.           | Type      | Model             |              |
| 6" (169mm)   | 45mm    | 140mm recess | Three             | Hydraulic | <b>QB306</b>      | € 3,407      |
| 8" (210mm)   | 52mm    | 170mm recess |                   |           | <b>QB308</b>      | € 3,554      |
| 10" (254mm)  | 75mm    | 220mm recess |                   |           | <b>QB310</b>      | € 3,701      |
| 12" (304mm)  | 91mm    | 220mm recess |                   |           | <b>QB312</b>      | € 5,181      |
| 6" (169mm)   | 45mm    | A2-5         |                   |           | <b>QB306A5</b>    | € 3,622      |
| 8" (210mm)   | 52mm    | A2-6         |                   |           | <b>QB308A6</b>    | € 3,818      |
| 10" (254mm)  | 75mm    | A2-6 or A2-8 | <b>QB310A6/A8</b> | € 4,064   |                   |              |
| 12" (304mm)  | 91mm    |              | <b>QB312A6/A8</b> | € 5,544   |                   |              |
| <b>Threading of Drawnuts</b>                                   |         |              |                   |           |                   | € List Price |
| Chuck Size   |         |              |                   |           |                   |              |
| 4" (110mm) to 12" (304mm)                                      |         |              |                   |           |                   | € 145        |
| 15" (381mm) to 24" (610mm)                                     |         |              |                   |           |                   | € 241        |
| <b>Extended Threaded Connectors</b>                            |         |              |                   |           |                   | € List Price |
| Chuck Size   |         |              |                   |           |                   |              |
| 4" (110mm) to 8" (210mm)                                       |         |              |                   |           |                   | € 362        |
| 10" (254mm) to 12" (304mm)                                     |         |              |                   |           |                   | € 410        |
| 15" (381mm) to 24" (610mm)                                     |         |              |                   |           |                   | € 483        |

Note: All Prices Exclude Hard and Soft Top Jaws - for prices see pages 17 -20

| <b>QJR Series</b>  |         |               |                                    |           |  | € List Price      |               |         |
|--|---------|---------------|------------------------------------|-----------|--|-------------------|---------------|---------|
| Description - Quick jaw replacement power chuck with a large thru-hole |         |               |                                    |           |  |                   |               |         |
| Outside Ø  | Bore Ø  | Mount type    | Jaw No.                            | Type      | Model  |                   |               |         |
| 6" (178mm)   | 53mm    | 140mm recess  | Three - supplied without base jaws | Hydraulic | <b>QJR07-00</b>                                  | € 3,395           |               |         |
| 8" (210mm)   | 66mm    | 170mm recess  |                                    |           | <b>QJR08-00</b>                                  | € 3,741           |               |         |
| 10" (254mm)  | 81mm    | 220mm recess  |                                    |           | <b>QJR10-00</b>                                  | € 4,880           |               |         |
| 12" (304mm)  | 106mm   |               |                                    |           | <b>QJR12-00</b>                                  | € 6,019           |               |         |
| 12" (304mm)  | 106mm   | 300 mm recess |                                    |           | <b>QJR121-00</b>                                 | € 6,019           |               |         |
| 6" (178mm)   | 53mm    | A2-5          |                                    |           | <b>QJR07A5-00</b>                                | € 3,547           |               |         |
| 8" (210mm)   | 66mm    | A2-6          |                                    |           | <b>QJR08A6-00</b>                                | € 3,931           |               |         |
| 10" (254mm)  | 81mm    | A2-6 or A2-8  |                                    |           | <b>QJR10A6/A8-00</b>                             | € 5,097           |               |         |
| 12" (304mm)  | 106mm   |               |                                    |           | <b>QJR12A6/A8-00</b>                             | € 6,236           |               |         |
| 12" (304mm)  | 106mm   |               |                                    |           | <b>QJR121A6/A8-00</b>                            | € 6,236           |               |         |
| 6" (178mm)   | 53mm    | 140mm recess  |                                    |           | Three - supplied with 2 sets of Metric base jaws | <b>QJR07-M</b>    | € 3,939       |         |
| 8" (210mm)   | 66mm    | 170mm recess  |                                    |           |  | <b>QJR08-M</b>    | € 4,340       |         |
| 10" (254mm)  | 81mm    | 220mm recess  | <b>QJR10-M</b>                     |           |  | € 5,595           |               |         |
| 12" (304mm)  | 106mm   |               | <b>QJR12-M</b>                     |           |  | € 6,982           |               |         |
| 12" (304mm)  | 106mm   | 300mm recess  | <b>QJR121-M</b>                    |           |  | € 6,982           |               |         |
| 6" (178mm)   | 53mm    | A2-5          | <b>QJR07A5-M</b>                   |           |  | € 4,067           |               |         |
| 8" (210mm)   | 66mm    | A2-6          | <b>QJR08A6-M</b>                   |           |  | € 4,532           |               |         |
| 10" (254mm)  | 81mm    | A2-6 or A2-8  | <b>QJR10A6/A8-M</b>                |           |  | € 5,809           |               |         |
| 12" (304mm)  | 106mm   |               | <b>QJR12A6/A8-M</b>                |           |  | € 7,196           |               |         |
| 12" (304mm)  | 106mm   |               | <b>QJR121A6/A8-M</b>               |           |  | € 7,196           |               |         |
| <b>QJR Series - Base Jaws</b>  |         |               |                                    |           |  | € List Price      |               |         |
| Metric Serrations (1.5mm x 60)   |         |               |                                    |           |  | <b>GB-QJR07-M</b> | € 335         |         |
|  |         |               |                                    |           | <b>GB-QJR08-M</b>                                | € 370             |               |         |
|  |         |               |                                    |           | <b>GB-QJR10-M</b>                                | € 444             |               |         |
|  |         |               |                                    |           | <b>GB-QJR12-M</b>                                | € 550             |               |         |
| <b>BT200 Series</b>  |         |               |                                    |           |  | € List Price      |               |         |
| Description - Two jaw standard open centre power chuck                 |         |               |                                    |           |  |                   |               |         |
| Outside Ø  | Bore Ø  | Mount type    | Jaw No.                            | Type      | Model  |                   |               |         |
| 4" (110mm)   | 26mm    | 85mm recess   | Two                                | Hydraulic | <b>BT204</b>                                     | € 2,442           |               |         |
| 5" (135mm)   | 33mm    | 110mm recess  |                                    |           | <b>BT205</b>                                     | € 2,578           |               |         |
| 6" (169mm)   | 45mm    | 140mm recess  |                                    |           | <b>BT206</b>                                     | € 2,801           |               |         |
| 8" (210mm)   | 52mm    | 170mm recess  |                                    |           | <b>BT208</b>                                     | € 2,665           |               |         |
| 10" (254mm)  | 75mm    | 220mm recess  |                                    |           | <b>BT210</b>                                     | € 2,870           |               |         |
| 12" (304mm)  | 91mm    |               |                                    |           | <b>BT212</b>                                     | € 3,770           |               |         |
| 15" (381mm)  | 117.5mm | 300mm recess  |                                    |           | <b>BT15</b>                                      | € 4,914           |               |         |
| 6" (169mm)   | 45mm    | A2-5          |                                    |           | <b>BT206A5</b>                                   | € 3,020           |               |         |
| 8" (210mm)   | 52mm    | A2-6          |                                    |           | <b>BT208A6</b>                                   | € 2,882           |               |         |
| 10" (254mm)  | 75mm    | A2-6 or A2-8  |                                    |           | <b>BT210A6/A8</b>                                | € 3,137           |               |         |
| 12" (304mm)  | 91mm    |               |                                    |           | <b>BT212A6/A8</b>                                | € 4,137           |               |         |
| 15" (381mm)  | 117.5mm | A2-8          |                                    |           | <b>BT15A8</b>                                    | € 5,432           |               |         |
| <b>BBT200 Series</b>   |         |               |                                    |           |  | € List Price      |               |         |
| Description - Two Jaw Power chuck with a large thru-hole               |         |               |                                    |           |  |                   |               |         |
| Outside Ø  | Bore Ø  | Mount type    |                                    |           | Jaw No.  | Type              | Model         |         |
| 6" (170mm)   | 53mm    | 140mm recess  |                                    |           | Two  | Hydraulic         | <b>BBT206</b> | € 2,990 |
| 8" (210mm)   | 66mm    | 170mm recess  | <b>BBT208</b>                      | € 3,181   |  |                   |               |         |
| 10" (254mm)  | 81mm    | 220mm recess  | <b>BBT210</b>                      | € 3,402   |  |                   |               |         |
| 12" (304mm)  | 106mm   | 300mm recess  | <b>BBT212</b>                      | € 3,782   |  |                   |               |         |
| 6" (170mm)   | 53mm    | A2-5          | <b>BBT206A5</b>                    | € 3,186   |  |                   |               |         |
| 8" (210mm)   | 66mm    | A2-6          | <b>BBT208A6</b>                    | € 3,480   |  |                   |               |         |
| 10" (254mm)  | 81mm    | A2-6 or A2-8  | <b>BBT210A6/A8</b>                 | € 3,794   |  |                   |               |         |
| 12" (304mm)  | 106mm   |               | <b>BBT212A6/A8</b>                 | € 4,137   |  |                   |               |         |
| <b>Threading of Drawnuts</b>   |         |               |                                    |           |  |                   | € List Price  |         |
| Chuck Size   |         |               |                                    |           |  |                   |               |         |
| 4" (110mm) to 12" (304mm)  |         |               |                                    |           |  |                   |               | € 145   |
| 15" (381mm) to 24" (610mm)   |         |               |                                    |           |  |                   | € 241         |         |
| <b>Extended Threaded Connectors</b>                                    |         |               |                                    |           |  | € List Price      |               |         |
| Chuck Size   |         |               |                                    |           |  |                   |               |         |
| 4" (110mm) to 8" (210mm)   |         |               |                                    |           |  |                   | € 362         |         |
| 10" (254mm) to 12" (304mm)   |         |               |                                    |           |  |                   | € 410         |         |
| 15" (381mm) to 24" (610mm)   |         |               |                                    |           |  | € 483             |               |         |

Note : All Prices Exclude Hard and Soft Top Jaws - for prices see pages 17 -20

| <b>BLT200 Series</b>   |                 |                |                   |           |                    | € List Price    |          |
|--|-----------------|----------------|-------------------|-----------|--------------------|-----------------|----------|
| Description - Two jaw open cen center power chuck with a long stoke    |                 |                |                   |           |                    |                 |          |
| Outside Ø  | Bore Ø          | Mount type     | Jaw No.           | Type      | Model              |                 |          |
| 6" (165mm)   | 28mm            | 140mm recess   | Two               | Hydraulic | <b>BLT206</b>      | € 5,547         |          |
| 8" (215mm)   | 45mm            | 170mm recess   |                   |           | <b>BLT208</b>      | € 6,130         |          |
| 10" (254mm)  | 53mm            | 220mm recess   |                   |           | <b>BLT210</b>      | € 7,155         |          |
| 12" (304mm)  | 63mm            |                |                   |           | <b>BLT212</b>      | € 8,115         |          |
| 6" (165mm)   | 28mm            | A2-5           |                   |           | <b>BLT206A5</b>    | € 5,763         |          |
| 8" (215mm)   | 45mm            | A2-6           |                   |           | <b>BLT208A6</b>    | € 6,394         |          |
| 10" (254mm)  | 53mm            | A2-6 or A2-8   |                   |           | <b>BLT210A6/A8</b> | € 7,517         |          |
| 12" (304mm)  | 63mm            |                |                   |           | <b>BLT212A6/A8</b> | € 8,477         |          |
| <b>N Series</b>  |                 |                |                   |           |                    | € List Price    |          |
| Description - Standard Closed centre power chuck                       |                 |                |                   |           |                    |                 |          |
| Outside Ø  | Bore Ø          | Mount type     | Jaw No.           | Type      | Model              |                 |          |
| 4" (110mm)   | -               | 60mm recess    | Three             | Hydraulic | <b>N-04</b>        | € 1,181         |          |
| 5" (135mm)   |                 | 80mm recess    |                   |           | <b>N-05</b>        | € 1,206         |          |
| 6" (165mm)   |                 | 140mm recess   |                   |           | <b>N-06</b>        | € 1,246         |          |
| 8" (210mm)   |                 | 170mm recess   |                   |           | <b>N-08</b>        | € 1,272         |          |
| 10" (254mm)  |                 | 220mm recess   |                   |           | <b>N-10</b>        | € 1,638         |          |
| 12" (304mm)  |                 |                |                   |           | <b>N-12</b>        | € 2,593         |          |
| 15" (381mm)  |                 | 300mm recess   |                   |           | <b>N-15</b>        | € 4,844         |          |
| 18" (450mm)  |                 |                |                   |           | <b>N-18</b>        | € 8,657         |          |
| 21" (530mm)  |                 | 380mm recess   |                   |           | <b>N-21</b>        | € 11,169        |          |
| 24" (610mm)  |                 |                |                   |           | <b>N-24</b>        | € 15,023        |          |
| 6" (165mm)   |                 | A2-5           |                   |           | <b>N06A5</b>       | € 1,457         |          |
| 8" (210mm)   |                 | A2-6           |                   |           | <b>N08A6</b>       | € 1,527         |          |
| 10" (254mm)  |                 | A2-6 or A2-8   | <b>N10A6/A8</b>   | € 1,995   |                    |                 |          |
| 12" (304mm)  |                 |                | <b>N12A6/A8</b>   | € 2,949   |                    |                 |          |
| 15" (381mm)  |                 | A2-8 or A2-11  | <b>N15A8/A11</b>  | € 5,336   |                    |                 |          |
| 18" (450mm)  |                 |                | <b>N18A8/A11</b>  | € 9,697   |                    |                 |          |
| 21" (530mm)  |                 | A2-11 or A2-15 | <b>N21A11/A15</b> | € 12,315  |                    |                 |          |
| 24" (610mm)  |                 |                | <b>N24A11/A15</b> | € 16,164  |                    |                 |          |
| <b>NV Series</b>   |                 |                |                   |           |                    | € List Price    |          |
| Description - Closed centre power chuck for vertical machining centres |                 |                |                   |           |                    |                 |          |
| Outside Ø  |                 | Bore Ø         | Mount type        | Jaw No.   | Type               | Model           |          |
| 15" (381mm)  |                 | -              | A2-11             | Three     | Hydraulic          | <b>NV-15A11</b> | € 7,361  |
| 18" (450mm)  |                 |                |                   |           |                    | <b>NV-18A11</b> | € 10,797 |
| 21" (530mm)  |                 |                | A2-15             |           |                    | <b>NV-21A15</b> | € 15,414 |
| 24" (610mm)  | <b>NV-24A15</b> |                |                   |           |                    | € 17,923        |          |
| 28" (700mm)  | <b>NV-28A15</b> |                |                   |           |                    | € 18,491        |          |
| 32" (800mm)  | <b>NV-32A15</b> |                |                   |           |                    | € 22,757        |          |
| 36" (914mm)  | <b>NV-36A15</b> |                |                   |           |                    | € 28,447        |          |
| 40" (1000mm)   | <b>NV-40A15</b> |                |                   |           |                    | € 34,129        |          |

Note : All Prices Exclude Hard and Soft Top Jaws - for prices see pages 17 -20

| <b>NL Series</b>   |        |               |             |           |            | € List Price |         |
|--|--------|---------------|-------------|-----------|------------|--------------|---------|
| Description - Closed centre power chuck with a long stroke |        |               |             |           |            |              |         |
| Outside Ø  | Bore Ø | Mount type    | Jaw No.     | Type      | Model      |              |         |
| 4" (110mm)   | -      | 60mm recess   | Three       | Hydraulic | NL04       | € 2,362      |         |
| 6" (165mm)   |        | 140mm recess  |             |           | NL06       | € 1,633      |         |
| 8" (210mm)   |        | 170mm recess  |             |           | NL08       | € 1,960      |         |
| 10" (254mm)  |        | 220mm recess  |             |           | NL10       | € 2,482      |         |
| 12" (304mm)  |        |               |             |           | NL12       | € 3,467      |         |
| 6" (165mm)   |        |               |             |           | A2-6       | NL06A6       | € 1,849 |
| 8" (210mm)   |        | NL08A6        | € 2,224     |           |            |              |         |
| 10" (254mm)  |        | A2-6 or A2-8  | NL10A6/A8   | € 2,845   |            |              |         |
| 12" (304mm)  |        |               | NL12A6/A8   | € 3,830   |            |              |         |
| <b>NT.NLT Series</b>                                       |        |               |             |           |            | € List Price |         |
| Description - Two Jaw standard closed centre power chuck   |        |               |             |           |            |              |         |
| Outside Ø  |        | Bore Ø        | Mount type  | Jaw No.   | Type       | Model        |         |
| 4" (110mm)   | -      | 60mm recess   | Two         | Hydraulic | NT04       | € 960        |         |
| 5" (135mm)   |        | 80mm recess   |             |           | NT05       | € 1,045      |         |
| 6" (165mm)   |        | 140mm recess  |             |           | NLT06      | € 1,176      |         |
| 8" (210mm)   |        | 170mm recess  |             |           | NLT08      | € 1,261      |         |
| 10" (254mm)  |        | 220mm recess  |             |           | NLT10      | € 1,623      |         |
| 12" (304mm)  |        |               |             |           | NLT12      | € 2,452      |         |
| 6" (165mm)   |        |               | A2-5        | NLT06A5   | € 1,392    |              |         |
| 8" (210mm)   |        | A2-6          | NLT08A6     | € 1,526   |            |              |         |
| 10" (254mm)  |        | A2-6 or A2-8  | NLT10A6/A8  | € 1,986   |            |              |         |
| 12" (304mm)  |        |               | NLT12A6/A8  | € 2,815   |            |              |         |
| <b>ML.MLT.MLV Series</b>                                   |        |               |             |           |            | € List Price |         |
| Description - Mega Long Stroke closed centre power chuck   |        |               |             |           |            |              |         |
| Outside Ø  | Bore Ø | Mount type    | Jaw No.     | Type      | Model      |              |         |
| 6" (169mm)   | -      | 140mm recess  | Three       | Hydraulic | ML06       | € 5,760      |         |
|  |        | A2-5          |             |           | ML06A5     | € 5,975      |         |
|  |        | 140mm recess  | Two         |           | MLT06      | € 5,760      |         |
|  |        | A2-5          |             |           | MLT06A5    | € 5,975      |         |
|  |        | 140mm recess  | One         |           | MLV06      | € 6,372      |         |
|  |        | A2-5          |             |           | MLV06A5    | € 6,588      |         |
| 8" (215mm)   |        | 170mm recess  | Three       |           | ML08       | € 6,372      |         |
|  |        | A2-6          |             |           | ML08A6     | € 6,637      |         |
|  |        | 170mm recess  | Two         |           | MLT08      | € 6,372      |         |
|  |        | A2-6          |             |           | MLT08A6    | € 6,637      |         |
|  |        | 170mm recess  | One         |           | MLV08      | € 7,010      |         |
|  |        | A2-6          |             |           | MLV08A6    | € 7,274      |         |
| <b>HW Series</b>   |        |               |             |           |            | € List Price |         |
| Description - Mega Long Stroke closed centre power chuck   |        |               |             |           |            |              |         |
| Outside Ø  | Bore Ø | Mount type    | Jaw No.     | Type      | Model      |              |         |
| 8" (210mm)   | -      | 170mm recess  | Four        | Hydraulic | HW-08      | € 7,376      |         |
| 10" (270mm)  |        | 120mm recess  |             |           | HW-10      | € 7,421      |         |
| 12" (304mm)  |        | 120mm recess  |             |           | HW-12      | € 8,517      |         |
| 15" (381mm)  |        | 195mm recess  |             |           | HW-15      | € 12,419     |         |
| 8" (210mm)   |        | A2-6          |             |           | HW-08A6    | € 8,209      |         |
| 10" (270mm)  |        | A2-6 or A2-8  |             |           | HW-10A6/A8 | € 8,500      |         |
| 12" (304mm)  |        | A2-8          | HW-12A8     | € 9,595   |            |              |         |
| 15" (381mm)  |        | A2-8 or A2-11 | HW-15A8/A11 | € 13,856  |            |              |         |

Note : All Prices Exclude Hard and Soft Top Jaws - for prices see pages 17 -20

| <b>UVE Series</b>  |        |                |         |                 |                      | € List Price        |         |
|--|--------|----------------|---------|-----------------|----------------------|---------------------|---------|
| Description - Standard Pneumatic Three Jaw Power Chuck                 |        |                |         |                 |                      |                     |         |
| Outside Ø  | Bore Ø | Mount type     | Jaw No. | Type            | Model                |                     |         |
| 273mm  | 38mm   | 160mm recess   | Three   | Pneumatic       | <b>UVE160K</b>       | € 6,210             |         |
| 302mm  | 50mm   | 185mm recess   |         |                 | <b>UVE200K</b>       | € 6,954             |         |
| 350mm  | 60mm   | 235mm recess   |         |                 | <b>UVE250K</b>       | € 8,456             |         |
| 410mm  | 92mm   | 290mm recess   |         |                 | <b>UVE315K</b>       | € 10,501            |         |
| 518mm  | 120mm  | 300mm recess   |         |                 | <b>UVE400K</b>       | € 27,479            |         |
| <b>UB Series</b>   |        |                |         |                 |                      | € List Price        |         |
| Description - Large-bore Pneumatic Three Jaw Power Chuck               |        |                |         |                 |                      |                     |         |
| Outside Ø  | Bore Ø | Mount type     | Jaw No. | Type            | Model                |                     |         |
| 494mm  | 181mm  | 275mm recess   | Three   | Pneumatic       | <b>UB450K</b>        | € 26,222            |         |
| 626mm  | 275mm  | 375mm recess   |         |                 | <b>UB560K</b>        | € 35,452            |         |
| 698mm  | 320mm  | 465mm recess   |         |                 | <b>UB630K</b>        | € 55,067            |         |
| 790mm  | 375mm  | 520mm recess   |         |                 | <b>UB710K</b>        | € 72,378            |         |
| <b>UPR Series</b>  |        |                |         |                 |                      | € List Price        |         |
| Description - Large-bore Pneumatic Three Jaw Power Chuck (Dual Stroke) |        |                |         |                 |                      |                     |         |
| Outside Ø  | Bore Ø | Mount type     | Jaw No. | Type            | Model                |                     |         |
| 441mm  | 185mm  | 310mm recess   | Three   | Pneumatic       | <b>UPR450</b>        | € 31,993            |         |
| 590mm  | 275mm  | 450mm recess   |         |                 | <b>UPR600</b>        | € 60,234            |         |
| 655mm  | 325mm  | 510mm recess   |         |                 | <b>UPR650</b>        | € 64,088            |         |
| 715mm  | 375mm  | 550mm recess   |         |                 | <b>UPR710</b>        | € 91,256            |         |
| 915mm  | 560mm  | 700mm recess   |         |                 | <b>UPR910</b>        | € 128,533           |         |
| <b>UB/UPR Accessories</b>  |        |                |         |                 |                      | € List Price        |         |
| CHUCK ADAPTOR  |        |                |         |                 |                      | € 1,902             |         |
| SUPPORT RING   |        |                |         |                 |                      | € 5,943             |         |
| SAFETY CONTROL BLOCK   |        |                |         |                 |                      | € 4,731             |         |
| ELECTRIC FOOT SWITCH   |        |                |         |                 |                      | € 1,308             |         |
| FILTER REGULATOR   |        |                |         |                 |                      | € 571               |         |
| SET OF BRAIDED HOSES   |        |                |         |                 |                      | € 1,094             |         |
| <b>KPC Series</b>  |        |                |         |                 |                      | € List Price        |         |
| Description - High Repeatability Pneumatic Three Jaw Power Chuck       |        |                |         |                 |                      |                     |         |
| Outside Ø  | Bore Ø | Mount type     | Jaw No. | Repeatability   | Model                |                     |         |
| 80mm   | -      | 60mm spigot    | Three   | 0.0025mm        | <b>KPC803C100P</b>   | € 2,538             |         |
| 80mm   |        |                |         | 0.0013mm        | <b>KPC803C100EP</b>  | € 3,040             |         |
| 80mm   |        |                |         | 0.0010mm        | <b>KPC803C100EP1</b> | € 4,964             |         |
| 100mm  |        |                |         | 0.0025mm        | <b>KPC43C048P</b>    | € 3,829             |         |
| 100mm  |        |                |         | 0.0013mm        | <b>KPC43C048EP</b>   | € 4,392             |         |
| 100mm  |        |                |         | 0.0010mm        | <b>KPC43C048EP1</b>  | € 4,964             |         |
| 100mm  |        | 82.55mm spigot |         | 0.0025mm        | <b>KPC43C100P</b>    | € 2,538             |         |
| 100mm  |        |                |         | 0.0013mm        | <b>KPC43C100EP</b>   | € 3,040             |         |
| 100mm  |        |                |         | 0.0010mm        | <b>KPC43C100EP1</b>  | € 4,964             |         |
| 150mm  |        |                |         | 124.97mm spigot | 0.0025mm             | <b>KPC63C100P</b>   | € 3,155 |
| 150mm  |        |                |         |                 | 0.0013mm             | <b>KPC63C100EP</b>  | € 3,778 |
| 150mm  |        |                |         |                 | 0.0010mm             | <b>KPC63C100EP1</b> | € 7,421 |

Note : All Prices Exclude Hard and Soft Top Jaws - for prices see pages 17 -20

| <b>PW Series</b>  |        |              |         |           |                | € List Price |         |  |
|---|--------|--------------|---------|-----------|----------------|--------------|---------|--|
| Description - Pull Back action closed centre power chuck              |        |              |         |           |                |              |         |  |
| Outside Ø   | Bore Ø | Mount type   | Jaw No. | Type      | Model          |              |         |  |
| 162mm   | -      | 140mm recess | Three   | Hydraulic | PW-06          | € 5,332      |         |  |
| 200mm   |        | 170mm recess |         |           | PW-08          | € 6,136      |         |  |
| 254mm   |        | 220mm recess |         |           | PW-10          | € 7,328      |         |  |
| 300mm   |        |              |         |           | PW-12          | € 8,757      |         |  |
| 381mm   |        |              |         |           | PW-15          | € 12,735     |         |  |
| 162mm   |        | A2-5         |         |           | PW-06A5        | € 5,661      |         |  |
| 200mm   |        | A2-6         |         |           | PW-08A6        | € 6,503      |         |  |
| 254mm   |        | A2-6 or A2-8 |         |           | PW-10A6/A8     | € 7,711      |         |  |
| 300mm   |        |              |         |           | PW-12A6/A8     | € 9,152      |         |  |
| 300mm   |        |              |         |           | PW-12A6/A8     | € 9,152      |         |  |
| <b>PW (C) Series</b>  |        |              |         |           |                | € List Price |         |  |
| Description - Pull Back action compensating closed centre power chuck |        |              |         |           |                |              |         |  |
| Outside Ø   | Bore Ø | Mount type   | Jaw No. | Type      | Model          |              |         |  |
| 162mm   | -      | 140mm recess | Three   | Hydraulic | PW-06SC        | € 6,780      |         |  |
| 200mm   |        | 170mm recess |         |           | PW-08SC        | € 7,800      |         |  |
| 254mm   |        | 220mm recess |         |           | PW-10SC        | € 9,306      |         |  |
| 300mm   |        |              |         |           | PW-12SC        | € 11,131     |         |  |
| 381mm   |        |              |         |           | PW-15SC        | € 14,481     |         |  |
| 162mm   |        | A2-5         |         |           | PW-06SCA5      | € 6,980      |         |  |
| 200mm   |        | A2-6         |         |           | PW-08SCA6      | € 7,732      |         |  |
| 254mm   |        | A2-6 or A2-8 |         |           | PW-10SCA6/A8   | € 9,643      |         |  |
| 300mm   |        |              |         |           | PW-12SCA6/A8   | € 11,468     |         |  |
| 381mm   |        |              |         |           | PW-15SCA8/A11  | € 14,950     |         |  |
| <b>DL200 Series</b>   |        |              |         |           |                | € List Price |         |  |
| Description - Dual Gripping power chuck                               |        |              |         |           |                |              |         |  |
| Outside Ø   | Bore Ø | Mount type   | Jaw No. | Type      | Model          |              |         |  |
| 169mm   | 20mm   | 140mm recess | Three   | Hydraulic | DL206          | € 6,166      |         |  |
| 210mm   | 20mm   | 170mm recess |         |           | DL208          | € 7,192      |         |  |
| 254mm   | 20mm   | 220mm recess |         |           | DL210          | € 8,244      |         |  |
| 304mm   | 50mm   |              |         |           | DL212          | € 9,420      |         |  |
| 169mm   | 20mm   |              |         |           | A2-5           | DL206A5      | € 6,393 |  |
| 210mm   | 20mm   | A2-6         |         |           | DL208A6        | € 7,472      |         |  |
| 254mm   | 20mm   | A2-6 or A2-8 |         |           | DL210A6/A8     | € 8,606      |         |  |
| 304mm   | 50mm   |              |         |           | DL212A6/A8     | € 9,923      |         |  |
| 304mm   | 50mm   |              |         |           | DL212A6/A8     | € 9,923      |         |  |
| <b>PWT Series</b>   |        |              |         |           |                | € List Price |         |  |
| Description - Pull Back action closed centre power chuck              |        |              |         |           |                |              |         |  |
| Outside Ø   | Bore Ø | Mount type   | Jaw No. | Type      | Model          |              |         |  |
| 162mm   | -      | 140mm recess | Two     | Hydraulic | PWT-06         | € 5,332      |         |  |
| 200mm   |        | 170mm recess |         |           | PWT-08         | € 6,136      |         |  |
| 254mm   |        | 220mm recess |         |           | PWT-10         | € 7,328      |         |  |
| 300mm   |        |              |         |           | PWT-12         | € 8,757      |         |  |
| 381mm   |        |              |         |           | PWT-15         | € 13,368     |         |  |
| 162mm   |        | A2-5         |         |           | PWT-06A5       | € 5,552      |         |  |
| 200mm   |        | A2-6         |         |           | PWT-08A6       | € 6,406      |         |  |
| 254mm   |        | A2-6 or A2-8 |         |           | PWT-10A6/A8    | € 7,697      |         |  |
| 300mm   |        |              |         |           | PWT-12A6/A8    | € 9,126      |         |  |
| 381mm   |        |              |         |           | PWT-15A8/A11   | € 13,883     |         |  |
| <b>PWT (C) Series</b>   |        |              |         |           |                | € List Price |         |  |
| Description - Pull Back action compensating closed centre power chuck |        |              |         |           |                |              |         |  |
| Outside Ø   | Bore Ø | Mount type   | Jaw No. | Type      | Model          |              |         |  |
| 162mm   | -      | 140mm recess | Two     | Hydraulic | PWT-06SC       | € 6,974      |         |  |
| 200mm   |        | 170mm recess |         |           | PWT-08SC       | € 8,027      |         |  |
| 254mm   |        | 220mm recess |         |           | PWT-10SC       | € 9,578      |         |  |
| 300mm   |        |              |         |           | PWT-12SC       | € 11,456     |         |  |
| 381mm   |        |              |         |           | PWT-15SC       | € 14,904     |         |  |
| 162mm   |        | A2-5         |         |           | PWT-06SCA5     | € 7,170      |         |  |
| 200mm   |        | A2-6         |         |           | PWT-08SCA6     | € 8,268      |         |  |
| 254mm   |        | A2-6 or A2-8 |         |           | PWT-10SCA6/A8  | € 9,908      |         |  |
| 300mm   |        |              |         |           | PWT-12SCA6/A8  | € 11,786     |         |  |
| 381mm   |        |              |         |           | PWT-15SCA8/A11 | € 15,363     |         |  |

| <b>PUB Series</b>   |        |              |         |           |                    | € List Price |       |       |  |
|---|--------|--------------|---------|-----------|--------------------|--------------|-------|-------|--|
| Description - Draw down high precision Open centre power chuck              |        |              |         |           |                    |              |       |       |  |
| Outside Ø   | Bore Ø | Mount type   | Jaw No. | Type      | Model              |              |       |       |  |
| 165mm   | 39     | 140mm recess | Three   | Hydraulic | <b>PUB206</b>      | € 5,346      |       |       |  |
| 210mm   | 50     | 170mm recess |         |           | <b>PUB208</b>      | € 6,537      |       |       |  |
| 254mm   | 72     | 220mm recess |         |           | <b>PUB210</b>      | € 9,721      |       |       |  |
| 304mm   | 100    |              |         |           | <b>PUB212</b>      | € 13,716     |       |       |  |
| 165mm   | 39     | A2-5         |         |           | <b>PUB206A5</b>    | € 5,578      |       |       |  |
| 210mm   | 50     | A2-6         |         |           | <b>PUB208A6</b>    | € 6,816      |       |       |  |
| 254mm   | 72     | A2-6 or A2-8 |         |           | <b>PUB210A6/A8</b> | € 10,000     |       |       |  |
| 304mm   | 100    |              |         |           | <b>PUB212A6/A8</b> | € 14,099     |       |       |  |
| <b>PU Series</b>  |        |              |         |           |                    | € List Price |       |       |  |
| Description - Draw down high precision Closed centre power chuck            |        |              |         |           |                    |              |       |       |  |
| Outside Ø   | Bore Ø | Mount type   | Jaw No. | Type      | Model              |              |       |       |  |
| 110mm   | -      | 85mm recess  | Three   | Hydraulic | <b>PU204</b>       | € 5,242      |       |       |  |
| 135mm   |        | 110mm recess |         |           | <b>PU205</b>       | € 5,303      |       |       |  |
| 165mm   |        | 140mm recess |         |           | <b>PU206</b>       | € 5,346      |       |       |  |
| 210mm   |        | 170mm recess |         |           | <b>PU208</b>       | € 6,537      |       |       |  |
| 254mm   |        | 220mm recess |         |           | <b>PU210</b>       | € 9,721      |       |       |  |
| 304mm   |        |              |         |           | <b>PU212</b>       | € 13,707     |       |       |  |
| 165mm   |        | A2-5         |         |           | <b>PU206A5</b>     | € 5,574      |       |       |  |
| 210mm   |        | A2-6         |         |           | <b>PU208A6</b>     | € 6,816      |       |       |  |
| 254mm   |        | A2-6 or A2-8 |         |           | <b>PU210A6/A8</b>  | € 10,000     |       |       |  |
| 304mm   |        |              |         |           | <b>PU212A6/A8</b>  | € 14,090     |       |       |  |
| <b>PUE Series</b>   |        |              |         |           |                    | € List Price |       |       |  |
| Description - Draw down high precision power chuck (Internal gripping only) |        |              |         |           |                    |              |       |       |  |
| Outside Ø   | Bore Ø | Mount type   | Jaw No. | Type      | Model              |              |       |       |  |
| 135mm   | -      | 110mm recess | Three   | Hydraulic | <b>PUE05</b>       | € 6,166      |       |       |  |
| 165mm   |        | 140mm recess |         |           | <b>PUE06</b>       | € 7,503      |       |       |  |
| 210mm   |        | 170mm recess |         |           | <b>PUE08</b>       | € 12,809     |       |       |  |
| 165mm   |        | A2-5         |         |           | <b>PUE06A5</b>     | € 7,731      |       |       |  |
| 210mm   |        | A2-6         |         |           | <b>PUE08A6</b>     | € 13,072     |       |       |  |
|   |        |              |         |           |                    |              |       |       |  |
| <b>LU Series</b>  |        |              |         |           |                    | € List Price |       |       |  |
| Description - Draw down closed center power chuck                           |        |              |         |           |                    |              |       |       |  |
| Outside Ø   | Bore Ø | Mount type   | Jaw No. | Type      | Model              |              |       |       |  |
| 165mm   | -      | 140mm recess | Three   | Hydraulic | <b>LU06</b>        | € 2,958      |       |       |  |
| 210mm   |        | 170mm recess |         |           | <b>LU08</b>        | € 3,007      |       |       |  |
| 254mm   |        | 220mm recess |         |           | <b>LU10</b>        | € 3,844      |       |       |  |
| 304mm   |        |              |         |           | <b>LU12</b>        | € 6,198      |       |       |  |
| 165mm   |        | A2-5         |         |           | <b>LU06A5</b>      | € 3,188      |       |       |  |
| 210mm   |        | A2-6         |         |           | <b>LU08A6</b>      | € 3,287      |       |       |  |
| 254mm   |        | A2-6 or A2-8 |         |           | <b>LU10A6/A8</b>   | € 4,124      |       |       |  |
| 304mm   |        |              |         |           | <b>LU12A6/A8</b>   | € 6,432      |       |       |  |
| <b>FG Series</b>  |        |              |         |           |                    | € List Price |       |       |  |
| Description - Face clamping closed center power chuck                       |        |              |         |           |                    |              |       |       |  |
| Outside Ø   | Bore Ø | Mount type   | Jaw No. | Type      | Model              |              |       |       |  |
| 135mm   | -      | 110mm recess | Three   | Hydraulic | <b>FG05</b>        | POA          |       |       |  |
| 165mm   |        | 140mm recess |         |           | <b>FG06</b>        | POA          |       |       |  |
| 210mm   |        | 170mm recess |         |           | <b>FG08</b>        | POA          |       |       |  |
| 254mm   |        | 220mm recess |         |           | <b>FG10</b>        | POA          |       |       |  |
| 304mm   |        |              |         |           | <b>FG12</b>        | POA          |       |       |  |
| 165mm   |        | A2-5         |         |           | <b>FG06A5</b>      | POA          |       |       |  |
| 210mm   |        | A2-6         |         |           | <b>FG08A6</b>      | POA          |       |       |  |
| 254mm   |        | A2-6 or A2-8 |         |           | <b>FG10A6/A8</b>   | POA          |       |       |  |
| 304mm   |        |              |         |           | <b>FG12A6/A8</b>   | POA          |       |       |  |
| <b>FGT Series</b>   |        |              |         |           |                    | € List Price |       |       |  |
| Description - Face clamping closed center power chuck                       |        |              |         |           |                    |              |       |       |  |
| Outside Ø   |        | Bore Ø       |         |           | Mount type         | Jaw No.      | Type  | Model |  |
| 135mm   | -      | 110mm recess | Two     | Hydraulic | <b>FGT05</b>       | POA          |       |       |  |
| 165mm   |        | 140mm recess |         |           | <b>FGT06</b>       | POA          |       |       |  |
| 210mm   |        | 170mm recess |         |           | <b>FGT08</b>       | POA          |       |       |  |
| 254mm   |        | 220mm recess |         |           | <b>FGT10</b>       | POA          |       |       |  |
| 304mm   |        |              |         |           | <b>FGT12</b>       | POA          |       |       |  |
| 165mm   |        | A2-5         |         |           | <b>FGT06A5</b>     | POA          |       |       |  |
| 210mm   |        | A2-6         |         |           | <b>FGT08A6</b>     | POA          |       |       |  |
| 254mm   |        | A2-6 or A2-8 |         |           | <b>FGT10A6/A8</b>  | POA          |       |       |  |
| 304mm   |        |              |         |           | <b>FGT12A6/A8</b>  | POA          |       |       |  |
| <b>Selected Special Chuck Accessories</b>                                   |        |              |         |           |                    | € List Price |       |       |  |
| Machined Soft Jaws from existing blank                                      |        |              |         |           |                    |              | € 735 |       |  |
| Special Soft Jaws   |        |              |         |           |                    | € 1,225      |       |       |  |
| Special Serrated Hard Jaws  |        |              |         |           |                    | € 1,716      |       |       |  |
| Backstop - Hardened & Ground  |        |              |         |           |                    | € 1,961      |       |       |  |
| Backstop - Hardened & Ground with Air Sensing                               |        |              |         |           |                    | € 2,451      |       |       |  |
| Chuck Body Modifications (Backstop Mounting)                                |        |              |         |           |                    | € 294        |       |       |  |



| <b>SR Series</b>  |         |            |          |            |                | € List Price |         |
|---|---------|------------|----------|------------|----------------|--------------|---------|
| Description - Standard Compact Open Center Cylinder           |         |            |          |            |                |              |         |
| Piston Stroke   | Bore Ø  | Pull Force | Speed    | Type       | Model          |              |         |
| 16mm  | 46mm    | 28.6 kN    | 6000 rpm | Okuma      | SR1146C01      | € 3,662      |         |
|   |         |            | 8000 rpm | Mori Seiki | SR1146C21      | € 3,662      |         |
| 19mm  | 53mm    | 43.9 kN    | 6000 rpm | Okuma      | SR1453C01      | € 3,934      |         |
|   |         |            |          | Mori Seiki | SR1453C21      | € 3,934      |         |
|   |         |            |          | Mazak      | SR1453C        | € 3,934      |         |
| 22mm  | 66mm    | 46.3 kN    | 5000 rpm | Mori Seiki | SR1566C21      | € 4,207      |         |
|   |         | 45.0 kN    |          | Mazak      | SR1566C        | € 4,207      |         |
| 23mm  | 70mm    | 53.6 kN    | 4500 rpm | Okuma      | SR1670C01      | € 4,324      |         |
|   | 77mm    | 50.7kN     |          | Mazak      | SR1677C        | € 4,458      |         |
| 25mm  | 81mm    | 58.7 kN    | 4500 rpm | Okuma      | SR1781C01      | € 5,476      |         |
|   |         |            |          | Mori Seiki | SR1781C21      | € 5,476      |         |
|   |         |            |          | Mazak      | SR1781C        | € 5,476      |         |
| 28mm  | 106mm   | 71.8 kN    | 3500 rpm | Mori Seiki | SR2010C21      | € 7,310      |         |
| <b>SS Series</b>  |         |            |          |            |                | € List Price |         |
| Description - Standard Compact Hydraulic Open Center Cylinder |         |            |          |            |                |              |         |
| Piston Stroke   | Bore Ø  | Pull Force | Speed    | Type       | Model          |              |         |
| 16mm  | 43mm    | 34.8 kN    | 8000 rpm | Okuma      | SS1243C01      | € 3,706      |         |
|   | 46mm    |            |          | Universal  | SS1246C72/C15Y | € 3,706      |         |
| 22mm  | 52mm    | 52.1 kN    | 6500 rpm | Universal  | SS1452C72      | € 3,613      |         |
|   | 53mm    |            |          | Mori Seiki | SS1453K21A     | € 4,500      |         |
| 25mm  | 66mm    | 50.9 kN    | 5600 rpm | Mori Seiki | SS1666K21A     | € 4,760      |         |
|   | 66mm    | 64.6 kN    |          | Mori Seiki | SS1766K21A     | € 4,176      |         |
|   | 70mm    | 55.0 kN    | 5500 rpm | Okuma      | SS1770C01B     | € 4,176      |         |
|   | 75mm    | 55.0 kN    |          | Universal  | SS1775C72      | € 4,176      |         |
|   | 75mm    | 55.0 kN    |          | Mori Seiki | SS1775K21A     | € 4,176      |         |
|   | 81mm    | 73.1 kN    |          | 4800 rpm   | Mori Seiki     | SS1881K21A   | € 5,368 |
| 23mm  | 106mm   | 71.0 kN    | 3500 rpm | Mazak      | SS2110C15Y     | € 5,368      |         |
|   |         |            |          |            |                |              | € 6,372 |
| <b>S Series</b>   |         |            |          |            |                | € List Price |         |
| Description - Standard Hydraulic Open Center Cylinder         |         |            |          |            |                |              |         |
| Piston Stroke   | Bore Ø  | Pull Force | Speed    | Type       | Model          |              |         |
| 15mm  | 36mm    | 24.0 kN    | 8000 rpm | Universal  | S1036          | € 3,583      |         |
|   | 46mm    | 33.0 kN    | 7000 rpm |            | S1246-15Y      | € 3,196      |         |
| 22mm  | 52mm    | 56.0kN     | 6200 rpm |            | S1552-15Y      | € 3,573      |         |
| 25mm  | 75mm    | 69.0kN     | 4700 rpm |            | S1875-15Y      | € 4,426      |         |
| 30mm  | 78mm    | 88.0 kN    | 3800 rpm |            | S2078-15Y      | € 4,764      |         |
|   | 91mm    | 88.0 kN    |          |            | S2091-15Y      | € 4,765      |         |
| 51mm  | 166.5mm | 100.0 kN   | 2000 rpm |            | S2816-47A      | € 18,415     |         |
| <b>S-L Series</b>   |         |            |          |            |                | € List Price |         |
| Description - Long Stroke Hydraulic Open Center Cylinder      |         |            |          |            |                |              |         |
| Piston Stroke   | Bore Ø  | Pull Force | Speed    |            | Type           | Model        |         |
| 32mm  | 46mm    | 33.0 kN    | 7000 rpm | Universal  | S1246L         | € 3,274      |         |
|   | 46mm    | 45.0 kN    |          |            | S1446L         | € 3,319      |         |
| 34mm  | 52mm    | 56.0kN     | 6200 rpm |            | S1552L         | € 3,573      |         |
| 40mm  | 75mm    | 69.0kN     | 4700 rpm |            | S1875L         | € 4,176      |         |
| 50mm  | 91mm    | 88.0 kN    | 3800 rpm |            | S2091L         | € 4,882      |         |
|   |         |            |          |            |                |              |         |
| <b>F Series</b>   |         |            |          |            |                | € List Price |         |
| Description - Standard Hydraulic Open Center Cylinder         |         |            |          |            |                |              |         |
| Piston Stroke   | Bore Ø  | Pull Force | Speed    | Type       | Model          |              |         |
| 12mm  | 33mm    | 20.6 kN    | 8000 rpm | Universal  | F0933H-15Y     | € 2,848      |         |
|   | 41mm    | 36.0 kN    | 6700 rpm |            | F1241H-15Y     | € 3,260      |         |
| 15mm  | 43mm    | 35.0 kN    | 6700 rpm |            | F1243H-15Y     | € 3,471      |         |
| 23mm  | 117.5mm | 120.0 kN   | 2800 rpm |            | F2511HS15A     | € 6,725      |         |
| 50mm  | 117.5mm | 120.0 kN   | 2800 rpm |            | F2511HP        | € 6,725      |         |

| <b>Miyano Specification Cylinders</b>                 |        |            |          |           |            | € List Price |
|---|--------|------------|----------|-----------|------------|--------------|
| Description - Standard Hydraulic Open Center Cylinder |        |            |          |           |            |              |
| Piston Stroke   | Bore Ø | Pull Force | Speed    | Type      | Model      |              |
| 12mm  | 30mm   | 24.1 kN    | 8000 rpm | Miyano    | SS1030-28  | € 4,749      |
| 9mm   | 36mm   | 25.2 kN    | 8000 rpm |           | SS1236-28A | € 3,440      |
| 9mm   | 43mm   | 25.2 kN    | 8000 rpm |           | SS1243-28  | € 3,440      |
| 9mm   | 22mm   | 17.3 kN    | 8000 rpm |           | F0822HN28E | € 3,081      |
| 9mm   | 27mm   | 17.3 kN    | 8000 rpm |           | F0827HN28  | € 2,916      |
| 9mm   | 36mm   | 38.0 kN    | 6000 rpm |           | F1236HN28F | € 3,916      |
| 12mm  | 36mm   | 37.0 kN    | 6700rpm  |           | F1236H     | € 3,876      |
| <b>Coolant Collector Series</b>                       |        |            |          |           |            | € List Price |
| To suit Cylinder Type                                 |        |            |          | Model     |            |              |
| S1036   |        |            |          | CS-S10BN  |            | € 823        |
| S1246   |        |            |          | CS-S12BN  |            | € 799        |
| S1552   |        |            |          | CS-S15BN  |            | € 828        |
| S1875   |        |            |          | CS-S18BN  |            | € 863        |
| S2091   |        |            |          | CS-S20BN  |            | € 907        |
| SS1246K   |        |            |          | CSK12Y2A  |            | € 1,315      |
| SS1452  |        |            |          | CS-14BP   |            | € 1,270      |
| SS1453K   |        |            |          | CSK14Y2A  |            | € 1,407      |
| SS1666K   |        |            |          | CSK16Y2A  |            | € 1,459      |
| SS1775K   |        |            |          | CSK17Y2A  |            | € 1,510      |
| SS1881K   |        |            |          | CSK18Y2A  |            | € 1,696      |
| SS2110K   |        |            |          | CSK21Y2A  |            | € 1,957      |
| F0833   |        |            |          | CS-F08BN  |            | € 784        |
| F0933H  |        |            |          | CS-F08BN  |            | € 784        |
| F1236   |        |            |          | CS-F12BN  |            | € 799        |
| F2078   |        |            |          | CS-20HW   |            | € 1,000      |
| F2511H  |        |            |          | CS-25HW   |            | € 980        |
| <b>YW..R Series</b>                                   |        |            |          |           |            | € List Price |
| Description - Dual Action Closed Center Cylinder      |        |            |          |           |            |              |
| Piston Stroke   | Bore Ø | Pull Force | Speed    | Type      | Model      |              |
| 20mm  | -      | 31.0 kN    | 5000 rpm | Universal | YW1220R    | € 3,735      |
| 25mm  |        |            |          |           | YW1225R    | € 3,794      |
| 20mm  |        |            |          |           | YW1220RE   | € 5,098      |
| 25mm  |        |            |          |           | YW1225RE   | € 5,162      |

| <b>M Series</b>   |         |            |                     |              |            | € List Price |
|---|---------|------------|---------------------|--------------|------------|--------------|
| Description - Compact Hydraulic Closed Center Cylinder                          |         |            |                     |              |            |              |
| Piston Stroke   | Bore Ø  | Pull Force | Speed               | Type         | Model      |              |
| 20mm  | -       | 27.0 kN    | 6000 rpm            | Thru Air     | M1120HA21N | € 4,220      |
|   |         |            |                     | Thru Coolant | M1120HB21N | € 4,451      |
|   |         |            |                     | Closed       | M1120HC21N | € 2,789      |
| 21mm  |         | 38.0 kN    |                     | Thru Air     | M1221HA21N | € 4,368      |
|   |         |            |                     | Thru Coolant | M1221HB21N | € 4,603      |
|   |         |            |                     | Closed       | M1221HC21N | € 2,814      |
| 30mm  |         | 45.0 kN    |                     | Thru Air     | M1330HA21N | € 4,809      |
|   |         |            |                     | Thru Coolant | M1330HB21N | € 5,113      |
|   |         |            |                     | Closed       | M1330HC21N | € 3,069      |
| <b>Y-R Series</b>   |         |            |                     |              |            | € List Price |
| Description - Standard Hydraulic Closed Center Cylinder                         |         |            |                     |              |            |              |
| Piston Stroke   | Bore Ø  | Pull Force | Speed               | Type         | Model      |              |
| 15mm  | -       | 13.9 kN    | 6000 rpm            | Universal    | Y0715R     | € 1,529      |
| 20mm  |         | 29.0 kN    |                     |              | Y1020R     | € 1,554      |
| 25mm  |         | 42.0 kN    |                     |              | Y1225R     | € 1,608      |
| 30mm  |         | 60.0 kN    | 5500rpm             |              | Y1530R     | € 1,873      |
| 35mm  |         | 108.0 kN   |                     |              | Y2035R     | € 2,657      |
| <b>Y-RE Series</b>  |         |            |                     |              |            | € List Price |
| Description - Standard Hydraulic Closed Center Cylinder (with proximity switch) |         |            |                     |              |            |              |
| Piston Stroke   | Bore Ø  | Pull Force | Speed               | Type         | Model      |              |
| 15mm  | -       | 13.9 kN    | 6000 rpm            | Universal    | Y0715RE    | € 1,917      |
| 20mm  |         | 29.0 kN    |                     |              | Y1020RE    | € 1,941      |
| 25mm  |         | 42.0 kN    |                     |              | Y1225RE    | € 2,059      |
| 30mm  |         | 60.0 kN    | 5500rpm             |              | Y1530RE    | € 2,289      |
| 50mm  |         | 65.0 kN    |                     |              | Y1550RE    | € 7,299      |
| 35mm  |         | 108.0 kN   | Y2035RE             |              | € 4,750    |              |
| <b>AY-R Series</b>  |         |            |                     |              |            | € List Price |
| Description - High Speed Pneumatic Closed Center Cylinder                       |         |            |                     |              |            |              |
| Piston Stroke   | Bore Ø  | Pull Force | Speed               | Type         | Model      |              |
| 15mm  | -       | 4.8 kN     | 5000 rpm            | Universal    | AY1315R    | € 824        |
| 20mm  |         | 8.2 kN     |                     |              | AY1720R    | € 1,181      |
| 25mm  |         | 13.9 kN    | 4000 rpm            |              | AY2225R    | € 1,539      |
| <b>YS Series</b>  |         |            |                     |              |            | € List Price |
| Description - Stationary Closed Center Cylinder                                 |         |            |                     |              |            |              |
| Piston Stroke   | Bore Ø  | Pull Force | Chuck Mount         |              | Model      |              |
| 15mm  | -       | 20.1 kN    | 140mm - (6" Chuck)  |              | YS1415K    | € 2,696      |
| 20mm  |         | 36.5 kN    | 170mm - (8" Chuck)  |              | YS1820K    | € 3,206      |
|   |         | 51.9 kN    | 220mm - (10" Chuck) |              | YS2220K    | € 3,750      |
| 25mm  | 53.6 kN | YS2225K    |                     |              | € 7,677    |              |

| <b>SC &amp; JN Series</b>                                       |        |              |         |        |           | € List Price |
|---|--------|--------------|---------|--------|-----------|--------------|
| Description - One piece jaw open center concentric manual chuck |        |              |         |        |           |              |
| Outside Ø   | Bore Ø | Mount type   | Jaw No. | Type   | Model     |              |
| 85mm  | 16mm   | 60mm recess  | Three   | Manual | SC-3      | € 1,132      |
| 110mm   | 24mm   | 80mm recess  |         |        | SC-4      | € 917        |
| 130mm   | 32mm   | 100mm recess |         |        | SC-5      | € 956        |
| 165mm   | 45mm   | 130mm recess |         |        | JN06      | € 755        |
|   |        |              |         |        | JN06-101  | € 1,044      |
| 190mm   | 55mm   | 155mm recess |         |        | JN07      | € 843        |
|   |        |              |         |        | JN07-101  | € 1,168      |
| 232mm   | 70mm   | 190mm recess |         |        | JN09      | € 1,078      |
|   |        |              |         |        | JN09-101  | € 1,471      |
| 273mm   | 85mm   | 230mm recess |         |        | JN10      | € 1,353      |
|   |        |              |         |        | JN10-101  | € 1,923      |
| 310mm   | 96mm   | 260mm recess |         |        | JN12      | € 1,902      |
|   |        |              |         |        | JN12-101  | € 2,673      |
| 355mm   | 100mm  | 300mm recess |         |        | SC-14     | € 5,461      |
| 405mm   | 110mm  | 345mm recess |         |        | SC-16     | € 7,343      |
| <b>JN..T Series</b>   |        |              |         |        |           | € List Price |
| Description - Two piece jaw open center concentric manual chuck |        |              |         |        |           |              |
| Outside Ø   | Bore Ø | Mount type   | Jaw No. | Type   | Model     |              |
| 85mm  | 16mm   | 60mm recess  | Three   | Manual | SC-3F     | € 1,132      |
| 110mm   | 24mm   | 80mm recess  |         |        | SC-4F     | € 1,175      |
| 130mm   | 32mm   | 100mm recess |         |        | SC-5F     | € 1,236      |
|   |        |              |         |        | SC-5F-113 | € 1,378      |
| 165mm   | 45mm   | 130mm recess |         |        | JN06T     | € 980        |
|   |        |              |         |        | JN06TN    | € 1,044      |
| 190mm   | 55mm   | 155mm recess |         |        | JN07T     | € 1,093      |
|   |        |              |         |        | JN07TN    | € 1,260      |
| 232mm   | 70mm   | 190mm recess |         |        | JN07T-109 | € 1,260      |
|   |        |              |         |        | JN09T     | € 1,387      |
| 273mm   | 85mm   | 230mm recess |         |        | JN09TN    | € 1,554      |
|   |        |              |         |        | JN10T     | € 1,848      |
| 310mm   | 96mm   | 260mm recess |         |        | JN10TN    | € 2,106      |
|   |        |              |         |        | JN12T     | € 2,524      |
|   |        |              |         |        | JN12TN    | € 2,833      |
| <b>JN..RA Series</b>  |        |              |         |        |           | € List Price |
| Description - Two piece jaw open center concentric manual chuck |        |              |         |        |           |              |
| Outside Ø   | Bore Ø | Mount type   | Jaw No. | Type   | Model     |              |
| 165mm   | 40mm   | A1-5         | Three   | Manual | JN06RA5   | € 1,559      |
| 190mm   | 40mm   | A1-5         |         |        | JN07RA5   | € 1,407      |
| 210mm   | 59mm   | A1-6         |         |        | JN08RA6   | € 1,603      |
| 232mm   | 59mm   | A1-6         |         |        | JN09RA6   | € 1,471      |
| 273mm   | 59mm   | A1-6         |         |        | JN10RA6   | € 1,730      |
| 273mm   | 78mm   | A1-8         |         |        | JN10RA8   | € 1,730      |
| 310mm   | 96mm   | A2-6         |         |        | JN12RA6   | € 2,539      |
| 310mm   | 78mm   | A1-8         |         |        | JN12RA8   | € 2,539      |

| <b>JT Series</b>   |        |              |                   |         |                 | € List Price |
|--|--------|--------------|-------------------|---------|-----------------|--------------|
| Description - Two piece jaw open center concentric manual chuck  |        |              |                   |         |                 |              |
| Outside Ø  | Bore Ø | Mount type   | Jaw No.           | Type    | Model           |              |
| 190mm  | 55mm   | 155mm recess | Two               | Manual  | <b>JT07</b>     | € 1,397      |
| 232mm  | 70mm   | 190mm recess |                   |         | <b>JT09</b>     | € 2,010      |
| <b>JS Series</b>   |        |              |                   |         |                 | € List Price |
| Description - Two piece jaw open center manual chuck             |        |              |                   |         |                 |              |
| Outside Ø  | Bore Ø | Mount type   | Jaw No.           | Type    | Model           |              |
| 190mm  | 55mm   | 155mm recess | Four              | Manual  | <b>JS07</b>     | € 1,407      |
| 232mm  | 70mm   | 190mm recess |                   |         | <b>JS09</b>     | € 2,034      |
| <b>IC Series</b>   |        |              |                   |         |                 | € List Price |
| Description - One piece jaw open center independent manual chuck |        |              |                   |         |                 |              |
| Outside Ø  | Bore Ø | Mount type   | Jaw No.           | Type    | Model           |              |
| 100mm  | 30mm   | 75mm recess  | Four              | Manual  | <b>IC-4</b>     | € 1,181      |
| 150mm  | 40mm   | 130mm recess |                   |         | <b>IC-6</b>     | € 1,270      |
| 200mm  | 50mm   | 175mm recess |                   |         | <b>IC-8</b>     | € 1,667      |
| 250mm  | 55mm   | 150mm recess |                   |         | <b>IC-10</b>    | € 2,073      |
| 300mm  | 65mm   | 170mm recess |                   |         | <b>IC-12</b>    | € 2,549      |
| 350mm  | 75mm   | 190mm recess |                   |         | <b>IC-14</b>    | € 2,946      |
| 400mm  | 90mm   | 210mm recess |                   |         | <b>IC-16</b>    | € 3,769      |
| 450mm  | 100mm  | 230mm recess |                   |         | <b>IC-18</b>    | € 4,284      |
| <b>IA Series</b>   |        |              |                   |         |                 | € List Price |
| Description - One piece jaw open center independent manual chuck |        |              |                   |         |                 |              |
| Outside Ø  | Bore Ø | Mount type   | Jaw No.           | Type    | Model           |              |
| 200mm  | 50mm   | A2-5         | Four              | Manual  | <b>IA 5-200</b> | € 1,946      |
| 250mm  | 55mm   |              |                   |         | <b>IA 6-250</b> | € 2,510      |
| 300mm  | 65mm   | A2-6         |                   |         | <b>IA 6-300</b> | € 3,005      |
| 350mm  | 75mm   |              |                   |         | <b>IA 6-350</b> | € 3,858      |
| 400mm  | 75mm   |              |                   |         | <b>IA 6-400</b> | € 5,186      |
| 450mm  | 80mm   |              |                   |         | <b>IA 6-450</b> | € 6,681      |
| 300mm  | 75mm   | A2-8         |                   |         | <b>IA 8-300</b> | € 4,412      |
| 350mm  | 75mm   |              |                   |         | <b>IA 8-350</b> | € 5,343      |
| 400mm  | 90mm   |              |                   |         | <b>IA 8-400</b> | € 7,127      |
| 450mm  | 100mm  |              | <b>IA 8-450</b>   | € 8,867 |                 |              |
| <b>HBS Series Hard Jaws</b>                                      |        |              |                   |         |                 | € List Price |
| To suit chuck type   |        |              | Model             |         |                 |              |
| JN06T/JN06RA5  |        |              | <b>HBS06C</b>     |         |                 | € 290.70     |
| JN07T/JN07RA5/JN08RA6  |        |              | <b>HBS07C</b>     |         |                 | € 356.00     |
| JN09T/JN09RA6  |        |              | <b>HBS09C</b>     |         |                 | € 448.80     |
| JN10T/JN10RA6/JN10RA8  |        |              | <b>HBS10C</b>     |         |                 | € 536.50     |
| JN12T/JN12RA6/JN12RA8  |        |              | <b>HBS12C</b>     |         |                 | € 650.80     |
| <b>SBS Series Soft Jaws</b>                                      |        |              |                   |         |                 | € List Price |
| To suit chuck type   |        |              | Model             |         |                 |              |
| SC-3F  |        |              | <b>SBS03</b>      |         |                 | € 101.00     |
| SC-4F  |        |              | <b>SBS04</b>      |         |                 | € 120.40     |
| SC-5F  |        |              | <b>SBS05</b>      |         |                 | € 101.00     |
| JN06T/JN06RA5  |        |              | <b>SBS06</b>      |         |                 | € 153.00     |
| JN07T/JN07RA5/JN08RA6  |        |              | <b>SBS07</b>      |         |                 | € 164.20     |
| JN09T/JN09RA6  |        |              | <b>SBS09</b>      |         |                 | € 191.80     |
| JN10T/JN10RA6/JN10RA8  |        |              | <b>SBS10</b>      |         |                 | € 225.40     |
| JN12T/JN12RA6/JN12RA8  |        |              | <b>SBS12</b>      |         |                 | € 295.80     |
| JT07   |        |              | <b>SBSJT07</b>    |         |                 | € 111.00     |
| JT09   |        |              | <b>SBSJT09</b>    |         |                 | € 131.60     |
| <b>MASTER JAWS TO SUIT MANUAL CHUCKS</b>                         |        |              |                   |         |                 | € List Price |
| To suit chuck type   |        |              | Model             |         |                 |              |
| JN06T/JN06RA5  |        |              | <b>9710702200</b> |         |                 | € 257.00     |
| JN07T/JN07RA5/JN08RA6  |        |              | <b>9710702210</b> |         |                 | € 271.30     |
| JN09T/JN09RA6  |        |              | <b>9710702220</b> |         |                 | € 348.80     |
| JN10T/JN10RA6/JN10RA8  |        |              | <b>9710702230</b> |         |                 | € 417.20     |
| JN12T/JN12RA6/JN12RA8  |        |              | <b>9710702240</b> |         |                 | € 538.60     |

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| <b>INTERNAL GRIPPING JAWS TO SUIT MANUAL CHUCKS</b> |            | € List Price |
|---|------------|--------------|
| To suit chuck type                                  | Model      |              |
| SC-3  | 9710700000 | € 262.10     |
| SC-4  | 9710700010 | € 295.80     |
| SC-5  | 9710700020 | € 246.80     |
| JN06  | 9710700130 | € 140.80     |
| JN07  | 9710700140 | € 153.00     |
| JN09  | 9710700150 | € 174.40     |
| JN10  | 9710700160 | € 251.90     |
| JN12  | 9710700170 | € 397.00     |
| SC-14   | 9710700080 | € 1,520.00   |
| SC-16   | 9710700090 | € 1,598.00   |
| JS07  | 9710700200 | € 376.00     |
| JS09  | 9710700210 | € 459.00     |
| <b>EXTERNAL GRIPPING JAWS TO SUIT MANUAL CHUCKS</b> |            | € List Price |
| To suit chuck type                                  | Model      |              |
| SC-3  | 9710701000 | € 265.00     |
| SC-4  | 9710701010 | € 299.00     |
| SC-5  | 9710701020 | € 250.00     |
| JN06  | 9710701130 | € 142.00     |
| JN07  | 9710701140 | € 155.00     |
| JN09  | 9710701150 | € 176.00     |
| JN10  | 9710701160 | € 255.00     |
| JN12  | 9710701170 | € 397.00     |
| SC-14   | 9710701080 | € 1,520.00   |
| SC-16   | 9710701090 | € 1,598.00   |
| JS07  | 9710701200 | € 376.00     |
| JS09  | 9710701210 | € 459.00     |

| <b>AS Series</b>   |                       |                |           |           |          | € List Price |
|--|-----------------------|----------------|-----------|-----------|----------|--------------|
| Description - Standard Stationary Chuck  |                       |                |           |           |          |              |
| Outside Ø  | Bore Ø                | Gripping Force | Jaw No.   | Type      | Model    |              |
| 110mm  | -                     | 7.5 kN         | Three     | Pneumatic | AS04     | € 1,929      |
| 165mm  |                       | 21 kN          |           |           | AS06     | € 2,452      |
| 210mm  |                       | 33 kN          |           |           | AS08     | € 3,000      |
| 254mm  |                       | 48 kN          |           |           | AS10     | € 3,628      |
| <b>ASM.C Series</b>  |                       |                |           |           |          | € List Price |
| Description - Standard Stationary Chuck  |                       |                |           |           |          |              |
| Specification  | Matching Work Gripper | Jaw No.        | Type      | Model     |          |              |
| Chuck Fixtur   | AS04                  | Three          | Pneumatic | AS04M2    | € 7,137  |              |
| Chuck Fixtur   | AS04                  |                |           | AS04M4    | € 12,744 |              |
| Chuck Fixtur   | AS04                  |                |           | AS04M6    | € 17,953 |              |
| Chuck Fixtur   | AS06                  |                |           | AS06M2    | € 8,905  |              |
| Chuck Fixtur   | AS06                  |                |           | AS06M4    | € 15,969 |              |
| Chuck Fixtur   | AS06                  |                |           | AS06M6    | € 22,626 |              |
| Chuck Fixtur   | AS08                  |                |           | AS08M2    | € 10,695 |              |
| Chuck Fixtur   | AS08                  |                |           | AS08M4    | € 19,201 |              |
| Chuck Fixtur   | AS10                  |                |           | AS10M2    | € 12,820 |              |
| Chuck Fixtur   | AS10                  |                |           | AS10M4    | € 24,260 |              |
| <b>AT Series</b>   |                       |                |           |           |          | € List Price |
| Description - Standard Stationary Chuck  |                       |                |           |           |          |              |
| Outside Ø  | Bore Ø                | Gripping Force | Jaw No.   | Type      | Model    |              |
| 110mm  | -                     | 7.5 kN         | Two       | Pneumatic | AT04     | € 2,176      |
| 165mm  |                       | 21 kN          |           |           | AT06     | € 2,452      |
| 210mm  |                       | 33 kN          |           |           | AT08     | € 2,859      |
| 254mm  |                       | 48 kN          |           |           | AT10     | € 4,100      |
| <b>ATM.C Series</b>  |                       |                |           |           |          | € List Price |
| Description - Standard Stationary Chuck  |                       |                |           |           |          |              |
| Specification  | Matching Work Gripper | Jaw No.        | Type      | Model     |          |              |
| Chuck Fixtur   | AT04                  | Two            | Pneumatic | AT04M2    | € 7,137  |              |
| Chuck Fixtur   | AT04                  |                |           | AT04M4    | € 12,744 |              |
| Chuck Fixtur   | AT04                  |                |           | AT04M6    | € 17,953 |              |
| Chuck Fixtur   | AT06                  |                |           | AT06M2    | € 8,905  |              |
| Chuck Fixtur   | AT06                  |                |           | AT06M4    | € 15,969 |              |
| Chuck Fixtur   | AT06                  |                |           | AT06M6    | € 22,626 |              |
| Chuck Fixtur   | AT08                  |                |           | AT08M2    | € 10,695 |              |
| Chuck Fixtur   | AT08                  |                |           | AT08M4    | € 19,201 |              |
| Chuck Fixtur   | AT10                  |                |           | AT10M2    | € 12,820 |              |
| Chuck Fixtur   | AT10                  |                |           | AT10M4    | € 24,260 |              |
| <b>PWS06</b>   |                       |                |           |           |          | € List Price |
| Description - Pull Back Action Stationary Chuck                                  |                       |                |           |           |          |              |
| Outside Ø  | Bore Ø                | Gripping Force | Jaw No.   | Type      | Model    |              |
| 162mm  | -                     | 19kN/53 kN     | Three     | Air/Hyd   | PWS06    | € 8,387      |
| <b>PUES06</b>  |                       |                |           |           |          | € List Price |
| Description - Draw down high precision stationary chuck (Internal gripping only) |                       |                |           |           |          |              |
| Outside Ø  | Bore Ø                | Gripping Force | Jaw No.   | Type      | Model    |              |
| 165mm  | -                     | 20kN/57kN      | Three     | Air/Hyd   | PUES06   | € 10,027     |
| <b>PLS Series</b>  |                       |                |           |           |          | € List Price |
| Description - Draw down High Precision Stationary Chuck                          |                       |                |           |           |          |              |
| Outside Ø  | Bore Ø                | Gripping Force | Jaw No.   | Type      | Model    |              |
| 110mm  | -                     | 7.4kN/17.4kN   | Three     | Air/Hyd   | PLS04    | € 6,343      |
| 165mm  |                       | 22.0kN/45.0kN  |           |           | PLS06    | € 6,921      |
| 210mm  |                       | 40.0kN/84.0kN  |           |           | PLS08    | € 8,514      |
| <b>SC-S Series</b>   |                       |                |           |           |          | € List Price |
| Description - Stationary Scroll Chuck  |                       |                |           |           |          |              |
| Outside Ø  | Bore Ø                | Gripping Force | Jaw No.   | Type      | Model    |              |
| 110mm  | -                     | 9.6kN          | Three     | Manual    | SC-4S    | € 2,022      |
| 130mm  |                       | 10.0kN         |           |           | SC-5S    | € 2,073      |
| <b>Gripper Accessories</b>   |                       |                |           |           |          | € List Price |
| Description  | Model                 |                |           |           |          |              |
| Air Lock Valve   | LV-3                  |                |           |           |          | € 667        |
| Air Control Unit   | AC30                  |                |           |           |          | € 735        |
| Manual Change Valve  | AV-02F                |                |           |           |          | € 1,044      |
| <b>SBS Series Soft Jaws</b>  |                       |                |           |           |          | € List Price |
| To suit chuck type   | Model                 |                |           |           |          |              |
| SC-4S  | SBS04S                |                |           |           |          | € 135        |
| SC5S   | SBS05S                |                |           |           |          | € 147        |

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| <b>STANDARD ADAPTOR PLATES</b>        |          | € List Price |
|---------------------------------------|----------|--------------|
| To suit chuck type                    | Model    |              |
| B205                                  | CBB05A05 | € 218        |
| B06/B206/N06/PUE06/BL206              | CB06A05  | € 243        |
| B06/B206/BT206/N06/PUE06              | CBB06A06 | € 237        |
| B08/B208/BT208/N08/NL08               | CBB08A05 | € 299        |
| B08/B208/N08/NL08                     | CB08A06  | € 299        |
| B08/B208/BT208/N08/NL08               | CBB08A08 | € 299        |
| B10/B210/BT210/B212/BT212             | CBB10A06 | € 409        |
| PW10/PW12/N10/N12/NL12                | CB10A08  | € 409        |
| B12/B212                              | CB10A11  | € 1,067      |
| BB212/B15/B215                        | CB15A08  | € 570        |
| B15/N15/N18                           | CB15A11  | € 570        |
| SPECIAL                               | CB15A20  | € 2,820      |
| B18                                   | CB18A08  | € 1,205      |
| B18                                   | CB18A11  | € 1,205      |
| B21/B24                               | CB21A11  | € 1,321      |
| B21/B24/N24                           | CB21A15  | € 1,321      |
| BT06/BT206/NT06                       | CBT06A05 | € 233        |
| BT08/BT208/NT08/NLT08                 | CBT08A06 | € 299        |
| BT10/BT12/BT210/BT212/NT10/NT12/NLT12 | CBT10A08 | € 392        |
| BT10/BT12/BT210/BT212                 | CBT10A11 | € 1,067      |
| BT15                                  | CBT15A08 | € 570        |
| BT15                                  | CBT15A11 | € 570        |
| N10/N12                               | CN10A06  | € 409        |
| N15/N18                               | CN15A08  | € 625        |
| N18                                   | CN18A15  | € 1,205      |
| N21                                   | CN21A08  | € 1,321      |
| N21/N24                               | CN21A11  | € 1,321      |
| NT10/NT12                             | CNT10A06 | € 409        |
| NT15                                  | CNT15A08 | € 570        |
| NT15                                  | CNT15A11 | € 570        |
| <b>SPECIAL ADAPTOR PLATES</b>         |          | € List Price |
| To suit chuck type                    | Model    |              |
| To Suit 110mm Recess Chuck#           | CHA-110  | € 589        |
| To Suit 140mm Recess Chuck#           | CHA-140  | € 750        |
| To Suit 170mm Recess Chuck#           | CHA-170  | € 910        |
| To Suit 220mm Recess Chuck#           | CHA-220  | € 1,178      |
| To Suit 300mm Recess Chuck#           | CHA-300  | € 1,393      |



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| <b>KITAGAWA EUROPE STANDARD SOFT JAWS</b> |                | € List Price |
|---|----------------|--------------|
| To suit chuck type                        | Model          |              |
| B04/BT04                                  | KSJ-04-P       | € 26.50      |
| B204                                      | KSJ-204-P      | € 26.50      |
| B05/BT05                                  | KSJ-05-P       | € 28.60      |
| B205                                      | KSJ-205-P      | € 28.60      |
| B/BT/N/HOH/NL 6" CHUCKS                   | KSJ-06-P       | € 33.70      |
| B/BT/N/HOH/NL 8" CHUCKS                   | KSJ-08-P       | € 40.80      |
| B/BT/N/HOH/NL 10" CHUCKS                  | KSJ-10-P       | € 49.00      |
| B12/BT12/N12                              | KSJ-12-F       | € 67.30      |
| B212/BT212                                | KSJ-212-F      | € 67.30      |
| B15/B18                                   | KSJ-15-F       | € 130.60     |
| <b>KITAGAWA EUROPE HIGH SOFT JAWS</b>     |                | € List Price |
| To suit chuck type                        | Model          |              |
| B204                                      | KSJ-204H-50-P  | € 40.80      |
| B205                                      | KSJ-205H-50-P  | € 40.80      |
| B/BT/N/HOH/NL 6" CHUCKS                   | KSJ-06H-50-P   | € 43.90      |
| B/BT/N/HOH/NL 8" CHUCKS                   | KSJ-08H-80-P   | € 73.40      |
| B/BT/N/HOH/NL 10" CHUCKS                  | KSJ-10H-80-P   | € 79.60      |
| B12/BT12/N12                              | KSJ-12H-80-F   | € 104.00     |
| B212/BT212                                | KSJ-212H-80-F  | € 104.00     |
| <b>KITAGAWA EUROPE LONG SOFT JAWS</b>     |                | € List Price |
| To suit chuck type                        | Model          |              |
| B/BT/N/HOH/NL 6" CHUCKS                   | KSJ-06L-82-P   | € 42.80      |
| B/BT/N/HOH/NL 8" CHUCKS                   | KSJ-08L-102-P  | € 55.10      |
| B/BT/N/HOH/NL 10" CHUCKS                  | KSJ-10L-125-P  | € 60.20      |
| B12/BT12/N12                              | KSJ-12L-145-P  | € 77.50      |
| B212/BT212                                | KSJ-212L-145-P | € 77.50      |
| <b>SB Series Soft Jaws</b>                |                | € List Price |
| To suit chuck type                        | Model          |              |
| B-04                                      | SB04C1         | € 71         |
| B-04                                      | SB04C1-036     | € 195        |
| B-04                                      | SB04C1-048     | € 218        |
| BT04                                      | SB04C1T        | € 47         |
| N-04                                      | SB04B1         | € 66         |
| N-04                                      | SB04A1-036     | € 166        |
| N-04                                      | SB04A1-048     | € 195        |
| NT04                                      | SB04A1T        | € 45         |
| NT04                                      | SB04A1T048     | € 155        |
| B204                                      | SB04N1         | € 71         |
| BT204                                     | SB04N1T        | € 119        |
| B204                                      | SB04N1-036     | € 159        |
| B204                                      | SB04N1-048     | € 218        |
| B-05                                      | SB05C1         | € 71         |
| B-05                                      | SB05C1-038     | € 205        |
| B-05                                      | SB05C1-053     | € 231        |
| BT05                                      | SB05C1T        | € 47         |
| BT05                                      | SB05C1T053     | € 195        |
| N-05                                      | SB05B1         | € 66         |
| N-05                                      | SB05A1-038     | € 205        |
| N-05                                      | SB05A1-053     | € 231        |
| NT05                                      | SB05A1T        | € 45         |
| NT05                                      | SB05A1T053     | € 188        |
| B205                                      | SB05N1         | € 71         |
| BT205                                     | SB05N1T        | € 119        |
| B205                                      | SB05N1-038     | € 205        |
| B205                                      | SB05N1-053     | € 231        |
| B/N/HOH 06                                | SB06B1         | € 80         |
| B/N/HOH 06                                | SB06A1-066     | € 140        |
| BT06/NT06                                 | SB06A1T        | € 53         |
| BT06/NT06                                 | SB06A1T066     | € 130        |
| UVE160K                                   | SB06C1         | € 105        |
| DL206                                     | SB06D1         | € 145        |
| B/BL/HOH-206                              | SB06L1A        | € 85         |

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| <b>SB Series Soft Jaws</b>            |                   | € List Price |
|---------------------------------------|-------------------|--------------|
| To suit chuck type                    | Model             |              |
| BT206                                 | <b>SB06L1T</b>    | € 57         |
| B208/BB208/BL208/DL208/B/N/NL/ HOH-08 | <b>SB08B1</b>     | € 99         |
| B208/BB208/BL208/DL208/B/N/NL/ HOH-08 | <b>SB08A1-056</b> | € 184        |
| B208/BB208/BL208/DL208/B/N/NL/ HOH-08 | <b>SB08A1-076</b> | € 192        |
| HW-08                                 | <b>SB08B1Q</b>    | € 229        |
| HW-08                                 | <b>SB08B1Q-76</b> | € 282        |
| BT08/BT208/NT08/NLT08                 | <b>SB08A1T</b>    | € 67         |
| BT08/BT208/NT08/NLT08                 | <b>SB08A1T056</b> | € 199        |
| BT08/BT208/NT08/NLT08                 | <b>SB08A1T076</b> | € 192        |
| B210/BB210/BL210/B/N/HOH-10           | <b>SB10B1</b>     | € 112        |
| N10                                   | <b>SB10A1</b>     | € 112        |
| B210/BB210/BL210/B/N/HOH-10           | <b>SB10A1-056</b> | € 296        |
| B210/BB210/BL210/B/N/HOH-10           | <b>SB10A1-080</b> | € 259        |
| B210/BB210/BL210/B/N/HOH-10           | <b>SB10A1-116</b> | € 377        |
| HW-10/HW-12                           | <b>SB10A2Q</b>    | € 247        |
| HW-10/HW-12                           | <b>SB10A2Q080</b> | € 557        |
| HJ-10                                 | <b>SB10A2</b>     | € 215        |
| HJ-10                                 | <b>SB10A2-080</b> | € 557        |
| BT10/BT210/NT10                       | <b>SB10A1T</b>    | € 76         |
| BT10/BT210/NT10                       | <b>SB10A1T080</b> | € 297        |
| B/N/HOH-12                            | <b>SB12A1</b>     | € 159        |
| B/N/HOH-12                            | <b>SB12A1-090</b> | € 371        |
| UVE315K                               | <b>SB12C1</b>     | € 257        |
| BT12/NT12                             | <b>SB12A1T</b>    | € 107        |
| BT12/NT12                             | <b>SB12A1T090</b> | € 446        |
| B212/BB212/BL212                      | <b>SB12N1</b>     | € 163        |
| B212/BB212/BL212                      | <b>SB12N1-090</b> | € 382        |
| BT212/BLT212                          | <b>SB12N1T</b>    | € 107        |
| B-15/B-18/HOH-15K                     | <b>SB15C1</b>     | € 304        |
| B-15/B-18/HOH-15K                     | <b>SB15C1-110</b> | € 672        |
| HJA8-15.18.21/HJA11-15                | <b>SB15A1</b>     | € 580        |
| HJA8-15.18.21/HJA11-15                | <b>SB15A1-110</b> | € 1,062      |
| UVE400K                               | <b>SB15A2</b>     | € 580        |
| HW-15                                 | <b>SB15A2Q</b>    | € 785        |
| BT15                                  | <b>SB15C1T</b>    | € 201        |
| N-15/N-18/B215                        | <b>SB15N1</b>     | € 304        |
| N-15/N-18/B215                        | <b>SB15N1-110</b> | € 555        |
| B21/B24/N21/N24                       | <b>SB18A2</b>     | € 452        |
| B21/B24/N21/N24                       | <b>SB18A2-110</b> | € 1,433      |
| UVE800LB                              | <b>SB24A2</b>     | € 1,118      |

| <b>SB Series Soft Jaws (QB Series Chucks)</b>  |            | € List Price |
|--|------------|--------------|
| To suit chuck type                             | Model      |              |
| QB306  | SB06BB-040 | € 245        |
| QB308  | SB08BB-056 | € 270        |
| QB310  | SB10BB-060 | € 287        |
| QB312  | SB12BB-070 | € 564        |
| <b>SB Series Soft Jaws (HW Series Chucks)</b>  |            | € List Price |
| To suit chuck type                             | Model      |              |
| HW08   | SB08B1Q    | € 272        |
| HW10/HW12                                      | SB10A2Q    | € 294        |
| HW15   | SB15A2Q    | € 823        |
| <b>SB Series Soft Jaws (PW Series Chucks)</b>  |            | € List Price |
| To suit chuck type                             | Model      |              |
| PW06   | SB-PW06    | € 397        |
| PW08   | SB-PW08    | € 431        |
| PW10   | SB-PW10    | € 471        |
| PW12   | SB-PW12    | € 521        |
| PW15   | SB-PW15    | € 721        |
| PWT06  | SB-PWT06   | € 294        |
| PWT08  | SB-PWT08   | € 319        |
| PWT10  | SB-PWT10   | € 348        |
| PWT12  | SB-PWT12   | € 363        |
| PWT15  | SB-PWT15   | € 608        |
| <b>SB Series Soft Jaws (PU Series Chucks)</b>  |            | € List Price |
| To suit chuck type                             | Model      |              |
| PU205  | SB-PU205   | € 431        |
| PU206/PUB206                                   | SB-PU206   | € 490        |
| PU208/PUB208                                   | SB-PU208   | € 407        |
| PU210/PUB210                                   | SB-PU210   | € 510        |
| PU212  | SB-PU212   | € 828        |
| <b>SB Series Soft Jaws (PUE Series Chucks)</b> |            | € List Price |
| To suit chuck type                             | Model      |              |
| PUE05  | PUE05J-101 | € 294        |
| PUE06  | PUE06J-101 | € 294        |
| <b>SB Series Soft Jaws (LU Series Chucks)</b>  |            | € List Price |
| To suit chuck type                             | Model      |              |
| LU08   | SB-LU08    | € 255        |
| LU10   | SB-LU10    | € 338        |

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| <b>HB Series Hard Jaws</b>      |                | € List Price |
|---------------------------------|----------------|--------------|
| To suit chuck type              | Model          |              |
| B04                             | <b>HB04B1</b>  | € 694.60     |
| B204/B205                       | <b>HB04N1</b>  | € 530.40     |
| B05                             | <b>HB05B1</b>  | € 529.40     |
| N05                             | <b>HB05C1</b>  | € 529.40     |
| B06/B206/BB206                  | <b>HB06A1</b>  | € 306.00     |
| N06/HOH06/HOH206                | <b>HB06B1</b>  | € 306.00     |
| UVE160                          | <b>HB06U1</b>  | € 754.80     |
| B08/B208/BB208/N08/HOH08/HOH208 | <b>HB08A1</b>  | € 372.30     |
| BB208/BS308                     | <b>HB08B1</b>  | € 678.30     |
| UVE200/UVE250                   | <b>HB08U1</b>  | € 1,132.20   |
| B10/B210/BB210/N10/HOH10        | <b>HB10A1</b>  | € 465.10     |
| BB210/BS210                     | <b>HB10AA1</b> | € 1,411.70   |
| B12/N12/HOH12                   | <b>HB12B1</b>  | € 492.70     |
| B212/BB212/BL212                | <b>HB12N1</b>  | € 514.10     |
| UVE315                          | <b>HB12U1</b>  | € 1,279.10   |
| B15/B18/HOH15                   | <b>HB15A1</b>  | € 973.10     |
| HJA8-15/18/21                   | <b>HB15B1</b>  | € 1,077.10   |
| N15/N18                         | <b>HB15N1</b>  | € 973.10     |
| UVE400                          | <b>HB16U2</b>  | € 1,475.90   |
| B21/B24/N21/N24/UVE630          | <b>HB18B2</b>  | € 1,218.90   |
| UVE400                          | <b>HB24B2</b>  | € 1,530.00   |

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| <b>MASTER BASE JAWS (Open Center Chucks)</b> |           | € List Price |
|--|-----------|--------------|
| To suit chuck type                           | Model     |              |
| B204   | GB-B204   | € 1,127      |
| B205   | GB-B205   | € 1,127      |
| B206   | GB-B206   | € 1,127      |
| B208   | GB-B208   | € 1,332      |
| B210   | GB-B210   | € 1,494      |
| B212   | GB-B212   | € 2,000      |
| B215   | GB-B215   | € 3,246      |
| BT204  | GB-BT204  | € 797        |
| BT205  | GB-BT205  | € 835        |
| BT206  | GB-BT206  | € 787        |
| BT208  | GB-BT208  | € 938        |
| BT210  | GB-BT210  | € 1,051      |
| BT212  | GB-BT212  | € 1,337      |
| BL206  | GB-BL206  | € 1,240      |
| BL208  | GB-BL208  | € 1,467      |
| BL210  | GB-BL210  | € 1,645      |
| BL212  | GB-BL212  | € 2,205      |
| B04  | GB-B04    | € 1,024      |
| B05  | GB-B05    | € 1,078      |
| B06  | GB-B06    | € 1,127      |
| B08  | GB-B08    | € 1,332      |
| B10  | GB-B10    | € 1,494      |
| B12  | GB-B12    | € 2,000      |
| B15  | GB-B15    | € 3,246      |
| B18  | GB-B18    | € 4,794      |
| B21  | GB-B21    | € 6,460      |
| B24  | GB-B24    | € 8,126      |
| BT04   | GB-BT04   | € 681        |
| BT05   | GB-BT05   | € 681        |
| BT06   | GB-BT06   | € 787        |
| BT08   | GB-BT08   | € 938        |
| BT10   | GB-BT10   | € 1,051      |
| BT12   | GB-BT12   | € 1,337      |
| BT15   | GB-BT15   | € 2,162      |
| BB06   | GB-BB06   | € 1,127      |
| BB08   | GB-BB08   | € 1,332      |
| BB206  | GB-BB206  | € 1,348      |
| BB208  | GB-BB208  | € 1,607      |
| BB210  | GB-BB210  | € 1,941      |
| BB212  | GB-BB212  | € 2,356      |
| HOH06K                                       | GB-HOH06K | € 1,688      |
| HOH07K                                       | GB-HOH07K | € 1,819      |
| HOH08K                                       | GB-HOH08K | € 2,000      |
| HOH10K                                       | GB-HOH10K | € 2,238      |
| HOH12K                                       | GB-HOH12K | € 2,858      |
| HOH15K                                       | GB-HOH15K | € 4,869      |
| HOH206                                       | GB-HOH206 | € 1,483      |
| HOH208                                       | GB-HOH208 | € 1,758      |
| QB306  | GB-QB306  | € 2,451      |
| QB308  | GB-QB308  | € 2,946      |
| QB310  | GB-QB310  | € 3,127      |
| QB312  | GB-QB312  | € 3,127      |

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| <b>MASTER BASE JAWS (Closed Center Chucks)</b> |          | € List Price |
|--|----------|--------------|
| To suit chuck type                             | Model    |              |
| N04  | GB-N04   | € 701        |
| N05  | GB-N05   | € 701        |
| N06  | GB-N06   | € 701        |
| N08  | GB-N08   | € 836        |
| N10  | GB-N10   | € 933        |
| N12  | GB-N12   | € 1,192      |
| N15  | GB-N15   | € 2,539      |
| N21  | GB-N21   | € 4,936      |
| NT04   | GB-NT04  | € 469        |
| NT05   | GB-NT05  | € 469        |
| NT06   | GB-NT06  | € 469        |
| NT08   | GB-NT08  | € 561        |
| NT10   | GB-NT10  | € 625        |
| NT12   | GB-NT12  | € 798        |
| NL04   | GB-NL04  | € 711        |
| NL06   | GB-NL06  | € 711        |
| NL08   | GB-NL08  | € 843        |
| NL10   | GB-NL10  | € 941        |
| NL12   | GB-NL12  | € 1,206      |
| NLT06  | GB-NLT06 | € 518        |
| NLT08  | GB-NLT08 | € 620        |
| NLT10  | GB-NLT10 | € 782        |
| NLT12  | GB-NLT12 | € 1,078      |

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| <b>WEDGE PLUNGER (Open Center Chucks)</b> |           | € List Price |
|---|-----------|--------------|
| To suit chuck type                        | Model     |              |
| B204                                      | WP-B204   | € 313        |
| B205                                      | WP-B205   | € 313        |
| B206                                      | WP-B206   | € 350        |
| B208                                      | WP-B208   | € 394        |
| B210                                      | WP-B210   | € 421        |
| B212                                      | WP-B212   | € 469        |
| B215                                      | WP-B215   | € 946        |
| BB206                                     | WP-BB206  | € 394        |
| BB208                                     | WP-BB208  | € 421        |
| BB210                                     | WP-BB210  | € 469        |
| BB212                                     | WP-BB212  | € 946        |
| BT204                                     | WP-BT204  | € 539        |
| BT205                                     | WP-BT205  | € 539        |
| BT206                                     | WP-BT206  | € 599        |
| BT208                                     | WP-BT208  | € 744        |
| BT210                                     | WP-BT210  | € 900        |
| BT212                                     | WP-BT212  | € 1,197      |
| BL206                                     | WP-BL206  | € 539        |
| BL208                                     | WP-BL208  | € 744        |
| BL210                                     | WP-BL210  | € 895        |
| BL212                                     | WP-BL212  | € 1,197      |
| B04                                       | WP-B04    | € 314        |
| B05                                       | WP-B05    | € 314        |
| B06                                       | WP-B06    | € 314        |
| B08                                       | WP-B08    | € 392        |
| B10                                       | WP-B10    | € 422        |
| B12                                       | WP-B12    | € 471        |
| B15/B18                                   | WP-B15    | € 1,039      |
| B21                                       | WP-B21    | € 1,833      |
| B24                                       | WP-B24    | € 2,627      |
| BT04                                      | WP-BT04   | € 539        |
| BT05                                      | WP-BT05   | € 539        |
| BT06                                      | WP-BT06   | € 598        |
| BT08                                      | WP-BT08   | € 745        |
| BT10                                      | WP-BT10   | € 902        |
| BT12                                      | WP-BT12   | € 1,196      |
| BT15                                      | WP-BT15   | € 2,093      |
| HOH06K                                    | WP-HOH06K | € 539        |
| HOH07K                                    | WP-HOH07K | € 284        |
| HOH08K                                    | WP-HOH08K | € 744        |
| HOH10K                                    | WP-HOH10K | € 895        |
| HOH12K                                    | WP-HOH12K | € 1,197      |
| HOH15K                                    | WP-HOH15K | € 2,092      |
| HOH206                                    | WP-HOH206 | € 539        |
| HOH208                                    | WP-HOH208 | € 745        |

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| <b>WEDGE PLUNGER (Closed Center Chucks)</b> |          | € List Price |
|---|----------|--------------|
| To suit chuck type                          | Model    |              |
| N04   | WP-N04   | € 299        |
| N05   | WP-N05   | € 299        |
| N06   | WP-N06   | € 299        |
| N08   | WP-N08   | € 338        |
| N10   | WP-N10   | € 368        |
| N12   | WP-N12   | € 431        |
| N15   | WP-N15   | € 917        |
| N21   | WP-N21   | € 1,853      |
| NT04  | WP-NT04  | € 328        |
| NT05  | WP-NT05  | € 328        |
| NT06  | WP-NT06  | € 387        |
| NT08  | WP-NT08  | € 446        |
| NT10  | WP-NT10  | € 574        |
| NT12  | WP-NT12  | € 721        |
| NL04  | WP-NL04  | € 397        |
| NL06  | WP-NL06  | € 397        |
| NL08  | WP-NL08  | € 456        |
| NL10  | WP-NL10  | € 490        |
| NL12  | WP-NL12  | € 578        |
| NLT06                                       | WP-NLT06 | € 387        |
| NLT08                                       | WP-NLT08 | € 446        |
| NLT10                                       | WP-NLT10 | € 569        |
| NLT12                                       | WP-NLT12 | € 721        |
| <b>JOINT HANDLE</b>                         |          | € List Price |
| To suit chuck type                          | Model    |              |
| B/BT204                                     | HD-B204  | € 78         |
| B/BT205                                     | HD-B205  | € 103        |
| B/BT206                                     | HD-B206  | € 127        |
| B/BT208                                     | HD-B208  | € 152        |
| B/BT210                                     | HD-B210  | € 176        |
| B/BT212                                     | HD-B212  | € 201        |
| B/BT215                                     | HD-B215  | € 225        |
| BB206                                       | HD-BB206 | € 127        |
| BB208                                       | HD-BB208 | € 152        |
| BB210                                       | HD-BB210 | € 176        |
| BB212                                       | HD-BB212 | € 201        |
| B04/BT04                                    | HD-B04   | € 284        |
| B05   | HD-B05   | € 284        |
| B06/BT06/HOH06                              | HD-B06   | € 284        |
| B08/BT08/HOH08                              | HD-B08   | € 358        |
| B10/BT10/HOH10                              | HD-B10   | € 382        |
| B12/BT12/HOH12                              | HD-B12   | € 426        |
| B15/B18/HOH15                               | HD-B15   | € 225        |
| B21   | HD-B21   | € 255        |
| B24   | HD-B24   | € 279        |



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| <b>COVER PLATES</b>      |                      |              |
|--------------------------|----------------------|--------------|
| To suit chuck type       | Model                | € List Price |
| B204                     | CV-B204              | € 127        |
| B205                     | CV-B205              | € 142        |
| B206                     | CV-B206              | € 181        |
| B208                     | CV-B208              | € 216        |
| B210                     | CV-B210              | € 309        |
| B212                     | CV-B212              | € 318        |
| B215                     | CV-B215              | € 327        |
| BB206                    | CV-BB206             | € 216        |
| BB208                    | CV-BB208             | € 216        |
| BB210                    | CV-BB210             | € 309        |
| BB212                    | CV-BB212             | € 318        |
| B04                      | CV-B04               | € 103        |
| B05                      | CV-B05               | € 108        |
| B06/HOH06                | CV-B06               | € 127        |
| B08/HOH08                | CV-B08               | € 142        |
| B10/HOH10                | CV-B10               | € 181        |
| B12/HOH12                | CV-B12               | € 216        |
| B15/B18/HOH15            | CV-B15               | € 309        |
| B21                      | CV-B21               | € 407        |
| B24                      | CV-B24               | € 554        |
| <b>T-NUTS</b>            |                      |              |
| To suit chuck type       | Model                | € List Price |
| B204/B205                | TNS-B204             | € 126.50     |
| B206/BB206               | TNS-BB206-B206       | € 126.50     |
| B208                     | TNS-B208             | € 135.70     |
| B210                     | TNS-BB210-B210       | € 137.70     |
| B212                     | TNS-B212             | € 203.00     |
| convert B212 to B12 jaws | TNS-B212 Step        | € 679.30     |
| B215                     | TNS-B215             | € 686.30     |
| BB208                    | TNS-BB208            | € 135.70     |
| BB212                    | TNS-BB212            | € 334.60     |
| BB218                    | TNS-BB218            | € 904.00     |
| BT204 / BT205            | TNS-BT204            | € 126.50     |
| BT206                    | TNS-BT206            | € 126.50     |
| BT208                    | TNS-BT208            | € 135.70     |
| BT210                    | TNS-BT210            | € 137.70     |
| BT212                    | TNS-BT212            | € 203.00     |
| B04                      | TNS-B04              | € 126.50     |
| B05                      | TNS-B05              | € 126.50     |
| B06/N06/HOH06/HOH07      | TNS-B06              | € 126.50     |
| B08/N08/HOH08            | TNS-B08              | € 137.70     |
| B10/N10/HOH10            | TNS-B10              | € 164.20     |
| B12/N12                  | TNS-B12              | € 203.00     |
| B15/B18                  | TNS-B15              | € 334.60     |
| B21/B24                  | TNS-B21              | € 415.20     |
| B21/B24                  | TNS-B21-HJ           | € 379.40     |
| B21/B24                  | TNS-B21-B24-SPLITMOD | € 576.00     |
| N04                      | TNS-N04              | € 126.50     |
| BT04                     | TNS-BT04             | € 126.50     |
| BT05                     | TNS-BT05             | € 126.50     |
| BT06                     | TNS-BT06             | € 126.50     |
| BT08                     | TNS-BT08             | € 135.70     |
| BT10                     | TNS-BT10             | € 137.70     |
| BT12                     | TNS-BT12             | € 203.00     |
| BT15                     | TNS-BT15             | € 338.00     |
| HOH12                    | TNS-HOH12            | € 198.90     |
| HOH15                    | TNS-HOH15            | € 338.00     |

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| <b>DRAWNUTS &amp; PLUNGER NUTS</b> |          | € List Price |
|------------------------------------|----------|--------------|
| To suit chuck type                 | Model    |              |
| PN-B204                            | DN-B204  | € 92         |
| PN-B206                            | DN-B206  | € 92         |
| PN-B208                            | DN-B208  | € 108        |
| PN-B210                            | DN-B210  | € 124        |
| PN-B212                            | DN-B212  | € 129        |
| PN-B215                            | DN-B215  | € 152        |
| PN-BB206                           | DN-BB206 | € 108        |
| PN-BB208                           | DN-BB208 | € 123        |
| PN-BB210                           | DN-BB210 | € 127        |
| PN-BB212                           | DN-BB212 | € 152        |
| PN-BT204                           | DN-BT204 | € 93         |
| PN-BT206                           | DN-BT206 | € 93         |
| PN-BT208                           | DN-BT208 | € 108        |
| PN-BT210                           | DN-BT210 | € 123        |
| PN-BT212                           | DN-BT212 | € 127        |
| PN-B04                             | DN-B04   | € 353        |
| PN-B05                             | DN-B05   | € 353        |
| PN-B06                             | DN-B06   | € 353        |
| PN-B08                             | DN-B08   | € 353        |
| PN-B10                             | DN-B10   | € 407        |
| PN-B12                             | DN-B12   | € 407        |
| PN-B15                             | DN-B15   | € 407        |
| PN-B21                             | DN-B21   | € 407        |
| PN-B24                             | DN-B24   | € 604        |
| PN-BT04                            | DN-BT04  | € 353        |
| PN-BT05                            | DN-BT05  | € 353        |
| PN-BT06                            | DN-BT06  | € 353        |
| PN-BT08                            | DN-BT08  | € 353        |
| PN-BT10                            | DN-BT10  | € 407        |
| PN-BT12                            | DN-BT12  | € 407        |
| PN-BT15                            | DN-BT15  | € 407        |
| PN-HOH12                           | DN-HOH12 | € 407        |
| PN-HOH15                           | DN-HOH15 | € 407        |

| <b>DRAWTUBES AND DRAWBARS</b>                 |            | € List Price |
|---|------------|--------------|
| To suit chuck size                            | Model      |              |
| 4"  | DT04       | € 721        |
| 5"  | DT05       | € 721        |
| 6"  | DT06       | € 721        |
| 8"  | DT08       | € 721        |
| 10"   | DT10       | € 883        |
| 12"   | DT12       | € 883        |
| 15"   | DT15       | € 1,211      |
| 18"   | DT18       | € 1,319      |
| 21"   | DT21       | € 1,588      |
| 24"   | DT24       | € 1,588      |
| Cylinder reduction Sleeve                     | CRS        | € 242        |
| Balancing                                     | DTB        | € 210        |
| ADDITIONAL COST FOR HIGH TENSILE<br>DRAWTUBES | OD < 65mm  | € 619        |
|   | OD > 65mm  | € 807        |
| <b>CYLINDER ADAPTORS</b>                      |            | € List Price |
| To suit chuck size                            | Model      |              |
| 4"  | CA04       | € 797        |
| 5"  | CA05       | € 797        |
| 6"  | CA06       | € 861        |
| 8"  | CA08       | € 1,023      |
| 10"   | CA10       | € 1,023      |
| 12"   | CA12       | € 1,076      |
| 15"   | CA15       | € 1,076      |
| 18"   | CA18       | € 1,211      |
| 21"   | CA21       | € 1,426      |
| 24"   | CA24       | € 1,588      |
| <b>SEAL PLATES</b>                            |            | € List Price |
| To suit chuck size                            | Model      |              |
| 4"  | SP04       | € 296        |
| 5"  | SP05       | € 296        |
| 6"  | SP06       | € 296        |
| 8"  | SP08       | € 457        |
| 10"   | SP10       | € 457        |
| 12"   | SP12       | € 834        |
| 15"   | SP15       | € 834        |
| 18"   | SP18       | € 942        |
| 21"   | SP21       | € 1,050      |
| 24"   | SP24       | € 1,050      |
| <b>CHUCK BUNGS</b>                            |            | € List Price |
| To suit chuck type                            | Model      |              |
| Centre Bung for B206 Chuck                    | BUNG-B206  | € 68         |
| Centre Bung for B208 Chuck                    | BUNG-B208  | € 91         |
| Center Bung for B210 Chuck                    | BUNG-B210  | € 114        |
| Center Bung for B212 Chuck                    | BUNG-B212  | € 182        |
| B212X-Chuck-BUNG                              | BUNG-B212X | € 318        |
| Center Bung for BB208 Chuck                   | BUNG-BB208 | € 273        |
| Center Bung + Oring for BB210                 | BUNG-BB210 | € 295        |
| Center Bung for BB212 Chuck                   | BUNG-BB212 | € 318        |
| 61P-42-4496- Bung B24 Chuck                   | BUNG B24   | € 432        |
| CB-013-072-003- Bung B15 Chuck                | BUNG-B15   | € 363        |

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| <b>FILLER TUBES</b>            |         | € List Price |
|--------------------------------|---------|--------------|
| Maximum Internal Diameter (mm) | Model   |              |
| 26                             | FT04    | € 374        |
| 33                             | FT05    | € 374        |
| 45                             | FT06    | € 374        |
| 52                             | FT08    | € 374        |
| 75                             | FT10    | € 393        |
| 91                             | FT12    | € 439        |
| 100                            | FT15    | € 496        |
| Filler Tube Flange             | FTF     | € 134        |
| <b>DUST COVER EJECTORS</b>     |         | € List Price |
| To suit chuck type             | Model   |              |
| B206                           | EJ-B206 | € 909        |
| B208                           | EJ-B208 | € 1,000      |
| B210                           | EJ-B210 | € 1,090      |
| B212                           | EJ-B212 | € 1,181      |
| <b>JAW BORING RINGS</b>        |         | € List Price |
| To suit chuck size             | Model   |              |
| 6" (165mm)                     | KTL-100 | € 431        |
| 8" (210mm)                     | KTL-125 | € 465        |
| 10" (254mm)                    | KTL-160 | € 564        |
| 5" (135mm)                     | KJB05   | € 175        |
| 6" (169mm)                     | KJB06   | € 188        |
| 8" (210mm)                     | KJB08   | € 209        |
| 10" (254mm)                    | KJB10   | € 228        |
| 12" (304mm)                    | KJB12   | € 351        |
| 15" (381mm)                    | KJB15   | € 667        |

2019 LIST PRICE (EX WORKS KITAGAWA EUROPE LTD)  
- EURO

| <b>MISCELLANEOUS ITEMS</b>                   |                | € List Price |
|--|----------------|--------------|
| Description                                  | Model          |              |
| Anti-Rotation Bracket                        | ARB            | € 274        |
| Set of Fittings                              | ZZ Parts       | € 224        |
| 1 Kg Chuck Grease                            | GREASE 1 kg    | € 85.50      |
| 400g Grease Cartridge                        | GREASE 400g    | € 36         |
| Grease Nipple                                | AM6            | € 5.20       |
| Pistol Grease Gun Heavy duty (for 400g cart) | GUN-K5PRO      | € 69         |
| Mini Grease Gun Pistol Action                | GUN-K16-MINI   | € 38         |
| 6-10", Kitagawa Cylinder only                | Fixed Stop     | € 1,434      |
| Dynamic Grip Meter 72mm Clamp Dia.           | KGFM-72        | € 5,743      |
| Dynamic Grip Meter 125mm Clamp Dia.          | KGFM-125       | € 6,211      |
| Static Grip Meter 75mm Clamp Dia.            | JFT-S100       | € 4,352      |
| <b>CYLINDER SEAL KITS</b>                    |                | € List Price |
| To suit Cylinder type                        | Model          |              |
| F0832  | SEALF0832      | € 121        |
| F0833  | SEALF0833      | € 121        |
| F0933  | SEALF0933      | € 121        |
| F1236/F123HP                                 | SEALF1236      | € 121        |
| F1241  | SEALF1241      | € 121        |
| F1243  | SEALF1243      | € 121        |
| F1546H/HP                                    | SEALF1546      | € 121        |
| F1768H/HP                                    | SEALF1768      | € 121        |
| F2078H/HP                                    | SEALF2078      | € 121        |
| F2511H/HP                                    | SEALF2511      | € 121        |
| S1036  | SEALS1036      | € 121        |
| S1246/S1246L                                 | SEALS1246      | € 121        |
| S1446/S1446L                                 | SEALS1446      | € 121        |
| S1552/S1552L                                 | SEALS1552      | € 121        |
| S1875/S1875L                                 | SEALS1875      | € 121        |
| S2078/S2078L                                 | SEALS2078      | € 121        |
| S2091/S2091L                                 | SEALS2091      | € 121        |
| SS1425                                       | SEALSS1452     | € 121        |
| SS1766                                       | SEALSS1766     | € 121        |
| SS1775                                       | SEALSS1775     | € 121        |
| Y0715  | SEALY0715      | € 121        |
| Y0815  | SEALY0815      | € 121        |
| Y1020R/RE                                    | SEALY1020RE    | € 121        |
| Y1225R/RE                                    | SEALY1225RE    | € 121        |
| Y1530R/RE                                    | SEALY1530RE    | € 121        |
| Y1550R/RE                                    | SEALY1550RE    | € 121        |
| Y2035R/RE                                    | SEALY2035RE    | € 121        |
| Y2035RN                                      | SEALY2035RN    | € 121        |
| Y205OHE                                      | SEALY2050HE    | € 121        |
| Bearing set; F0933,F0827,F0833               | KOYO6812       | € 444        |
| Bearings;S1246,F1236,F1241,F1243             | KOYO6814       | € 333        |
| Bearing Set; S1552, F1546, SS1452            | KOYO6816       | € 694        |
| Bearing Set; S1875, F1768                    | KOYO6821       | € 718        |
| Bearing Set;S2078,S2091,F2078                | KOYO6824       | € 956        |
| Bearing Set; F2511                           | KOYO6832       | € 1,759      |
| Mori Seiki - extra wide                      | Detector Plate | € 448        |
| Standard                                     | Detector Plate | € 423        |