

## ABC TOOLS Chain pipe wrenches

In copper-beryllium alloy - Be-Cu

For 3/4" - 4" Ø pipes - Overall length 600 mm - Weight approx. 2,1 kg

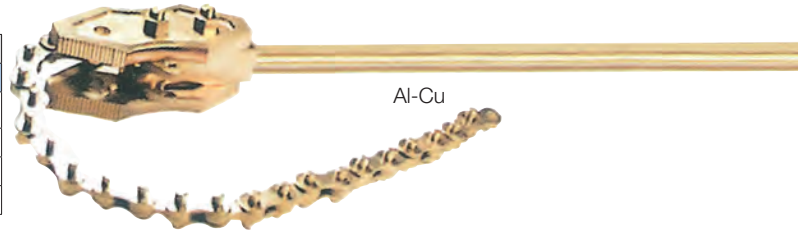
|                  |               |        |   |
|------------------|---------------|--------|---|
| Code M 7277 0000 | <b>M 7277</b> | Each € |  1 |
|------------------|---------------|--------|---|



American model

In aluminium-copper alloy - Al-Cu - With double reversible jaws

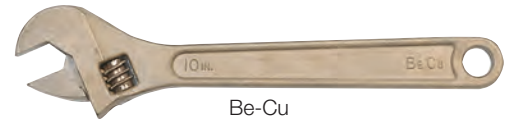
| For pipes Ø max. inches | 4           | 12          |
|-------------------------|-------------|-------------|
| Code                    | M 7277 4004 | M 7277 4012 |
| <b>M 7277/4</b> Each €  |             |             |
| For pipes Ø max. mm     | 100         | 300         |
| Overall length mm       | 600         | 900         |
| Weight approx. kg       | 3,6         | 9           |



## ABC TOOLS Adjustable wrenches

In copper-beryllium alloy - Be-Cu - Head offset at 15° with millimetric scale

| Overall length mm    | 200         | 250         | 300         | 375         |
|----------------------|-------------|-------------|-------------|-------------|
| Code                 | M 7278 0200 | M 7278 0250 | M 7278 0300 | M 7278 0380 |
| <b>M 7278</b> Each € |             |             |             |             |
| Length inches        | 8           | 10          | 12          | 15          |
| Opening mm           | 24          | 30          | 36          | 46          |
| Weight approx. g     | 250         | 400         | 650         | 1300        |



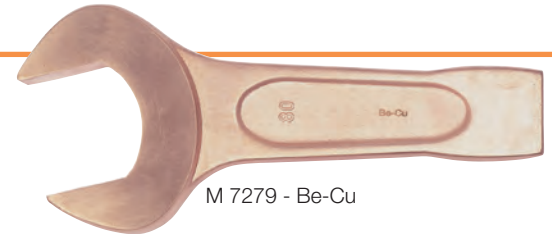
## ABC TOOLS Striking wrenches

Open-end type - DIN 133

M 7278/9 - In aluminium - In copper alloy - Al-Cu

M 7279 - In copper-beryllium alloy - Be-Cu

| Opening Ø mm               | 17    | 19    | 22    | 24    | 27    | 30    | 32    | 36    | 41    | 46    | 50    | 55    | 60    | 65    | 70    | 75    | 80    |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Code M 7278 ....           | 9017  | 9019  | 9022  | 9024  | 9027  | 9030  | 9032  | 9036  | 9041  | 9046  | 9050  | 9055  | 9060  | 9065  | 9070  | 9075  | 9080  |
| <b>M 7278/9</b> Each €     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Code M 7279 ....           | 0017  | 0019  | 0022  | 0024  | 0027  | 0030  | 0032  | 0036  | 0041  | 0046  | 0050  | 0055  | 0060  | 0065  | 0070  | 0075  | 0080  |
| <b>M 7279</b> Each €       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Overall length mm          | 125   | 125   | 135   | 150   | 175   | 190   | 190   | 210   | 230   | 250   | 275   | 305   | 315   | 335   | 370   | 375   | 400   |
| Weight M 7278/9 approx. kg | 0,135 | 0,135 | 0,175 | 0,220 | 0,350 | 0,420 | 0,460 | 0,620 | 0,860 | 1,100 | 1,420 | 1,830 | 2,120 | 2,780 | 3,660 | 4,030 | 5,130 |
| Weight M 7279 approx. kg   | 0,150 | 0,150 | 0,195 | 0,245 | 0,385 | 0,465 | 0,515 | 0,675 | 0,955 | 1,225 | 1,560 | 2,025 | 2,345 | 3,060 | 4,030 | 4,660 | 5,650 |



Box-end type - DIN 7444

METRIC

M 7284/9 - In aluminium-copper alloy - Al-Cu

M 7285 - In copper-beryllium alloy - Be-Cu

| Opening Ø mm               | 17    | 19    | 22    | 24    | 27    | 30    | 32    | 34    | 36    | 38    | 41    | 46    | 50    | 55    | 60    | 65    | 70    | 75    | 80    |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Code M 7284 ....           | 9017  | 9019  | 9022  | 9024  | 9027  | 9030  | 9032  | 9034  | 9036  | 9038  | 9041  | 9046  | 9050  | 9055  | 9060  | 9065  | 9070  | 9075  | 9080  |
| <b>M 7284/9</b> Each €     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Code M 7285 ....           | 0017  | 0019  | 0022  | 0024  | 0027  | 0030  | 0032  | 0034  | 0036  | 0038  | 0041  | 0046  | 0050  | 0055  | 0060  | 0065  | 0070  | 0075  | 0080  |
| <b>M 7285</b> Each €       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Overall length mm          | 145   | 145   | 155   | 165   | 175   | 185   | 185   | 200   | 205   | 215   | 225   | 235   | 250   | 265   | 274   | 298   | 320   | 325   | 350   |
| Weight M 7284/9 approx. kg | 0,125 | 0,125 | 0,160 | 0,210 | 0,315 | 0,430 | 0,450 | 0,490 | 0,520 | 0,620 | 0,680 | 0,890 | 1,030 | 1,300 | 1,450 | 1,800 | 2,200 | 2,720 | 3,250 |
| Weight M 7285 approx. kg   | 0,140 | 0,140 | 0,180 | 0,250 | 0,350 | 0,475 | 0,490 | 0,540 | 0,580 | 0,680 | 0,755 | 0,990 | 1,145 | 1,440 | 1,620 | 1,995 | 2,435 | 3,010 | 3,600 |



AMERICAN SIZES

M 7285/4 - In aluminium-copper alloy - Al-Cu

M 7285/5 - In copper-beryllium alloy - Be-Cu

| Opening Ø inches           | 1¼    | 1⅞    | 1⅝    | 1⅞    | 2     | 2⅜    | 2⅝    | 2⅞    | 2⅞    | 2⅞    | 3⅞    | 3½ |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|
| Code M 7285 ....           | 4005  | 4008  | 4010  | 4013  | 4015  | 4018  | 4020  | 4023  | 4026  | 4028  | 4030  |    |
| <b>M 7285/4</b> Each €     |       |       |       |       |       |       |       |       |       |       |       |    |
| Code M 7285 ....           | 5005  | 5008  | 5010  | 5013  | 5015  | 5018  | 5020  | 5023  | 5026  | 5028  | 5030  |    |
| <b>M 7285/5</b> Each €     |       |       |       |       |       |       |       |       |       |       |       |    |
| Overall length mm          | 185   | 208   | 225   | 235   | 250   | 264   | 275   | 286   | 311   | 325   | 355   |    |
| Weight M 7285/4 approx. kg | 0,440 | 0,530 | 0,690 | 0,870 | 1,160 | 1,320 | 1,450 | 1,840 | 2,760 | 3,290 | 5,080 |    |
| Weight M 7285/5 approx. kg | 0,480 | 0,580 | 0,750 | 0,950 | 1,270 | 1,440 | 1,590 | 2,000 | 3,000 | 3,595 | 5,550 |    |

