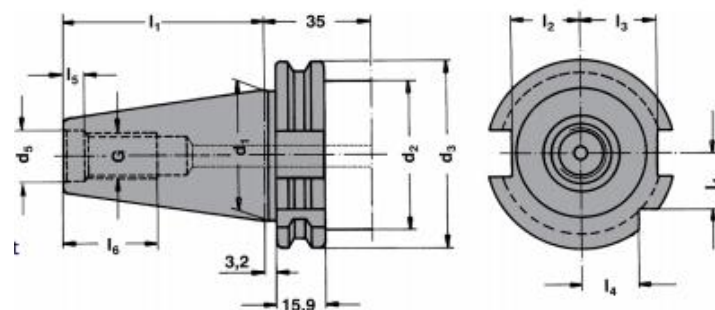
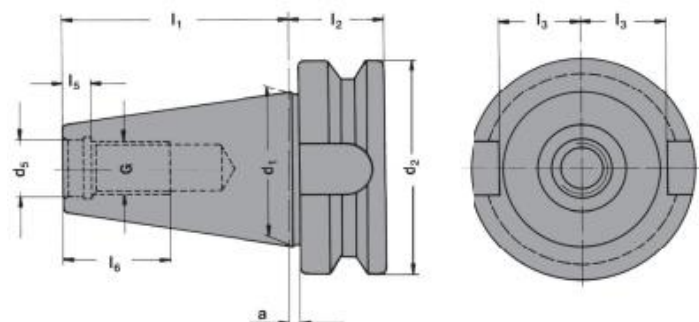


### Porte-outils DIN 69871



| SK | d <sub>1</sub> | G   | d <sub>5</sub> | d <sub>2</sub> | d <sub>3</sub> | l <sub>1</sub> | l <sub>2</sub> | l <sub>3</sub> | l <sub>4</sub> | l <sub>5</sub> | l <sub>6</sub> | d <sub>6</sub> | e  |
|----|----------------|-----|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----|
| 30 | 31,75          | M12 | 13             | 45             | 50,00          | 47,80          | 16,4           | 19,0           | 15,0           | 5,5            | 24             | M4             | 21 |
| 40 | 44,45          | M16 | 17             | 50             | 63,55          | 68,40          | 22,8           | 25,0           | 18,5           | 8,2            | 32             | M4             | 27 |
| 50 | 69,85          | M24 | 25             | 80             | 97,50          | 101,75         | 35,5           | 37,7           | 30,0           | 11,5           | 47             | M6             | 42 |

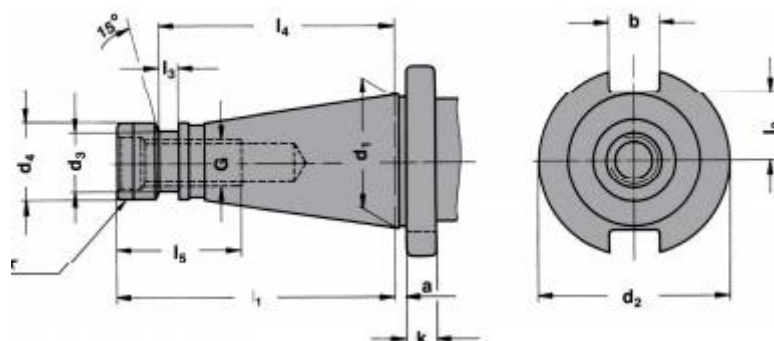
### Porte-outils JIS B 6339 (MAS 403 BT)



| SK | d <sub>1</sub> | G   | d <sub>5</sub> | d <sub>2</sub> | a | l <sub>1</sub> | l <sub>2</sub> | l <sub>3</sub> | l <sub>5</sub> | l <sub>6</sub> | e  | d <sub>6</sub> |
|----|----------------|-----|----------------|----------------|---|----------------|----------------|----------------|----------------|----------------|----|----------------|
| 30 | 31,75          | M12 | 12,5           | 46             | 2 | 48,4           | 22             | 16,3           | 7,0            | 24             | -  | -              |
| 40 | 44,45          | M16 | 17,0           | 63             | 2 | 65,4           | 27             | 22,5           | 8,2            | 32             | 27 | M4             |
| 50 | 69,85          | M24 | 25,0           | 100            | 3 | 101,8          | 38             | 35,3           | 11,0           | 47             | 42 | M6             |

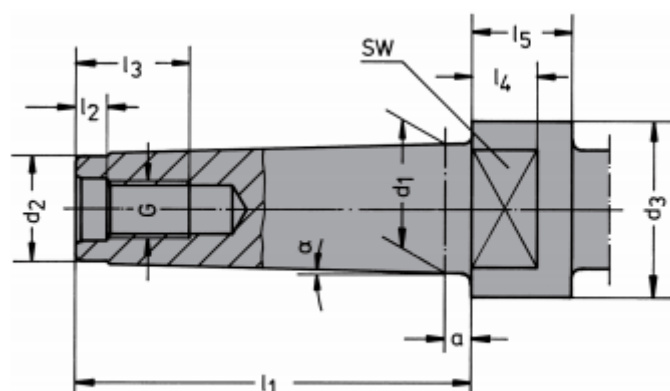


## Porte-outils DIN 2080



| SK   | d <sub>1</sub> | a   | b    | k  | G   | d <sub>2</sub> | d <sub>3</sub> | d <sub>4</sub> | l <sub>1</sub> | l <sub>2</sub> | l <sub>3</sub> | l <sub>4</sub> | l <sub>5</sub> |
|------|----------------|-----|------|----|-----|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| 30   | 31,75          | 1,6 | 16,1 | 8  | M12 | 50,0           | -              | 17,2           | 68,4           | 16,2           | -              | -              | 24,0           |
| 40 ★ | 44,45          | 1,6 | 16,1 | 10 | M16 | 63,0           | 21,1           | 25,0           | 93,4           | 22,5           | 7,0            | 82,0           | 32,0           |
| 50 ★ | 69,85          | 3,2 | 25,7 | 12 | M24 | 97,5           | 32,0           | 39,2           | 126,8          | 35,3           | 13,0           | 115,0          | 47,0           |

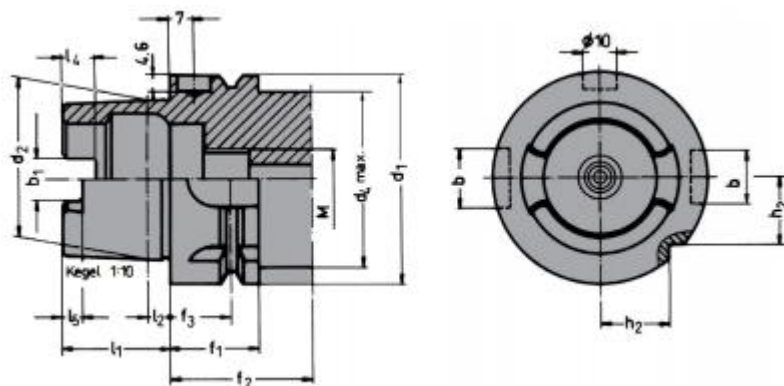
## Porte-outils CM DIN 228-1 A



| MK | α        | G   | a   | d <sub>1</sub> | d <sub>2</sub> max. | d <sub>3</sub> | SW d <sup>9</sup> | l <sub>1</sub> | l <sub>2</sub> | l <sub>3</sub> | l <sub>4</sub> | l <sub>5</sub> |
|----|----------|-----|-----|----------------|---------------------|----------------|-------------------|----------------|----------------|----------------|----------------|----------------|
| 1  | 1°25'43" | M6  | 3,5 | 12,065         | 9                   | -              | -                 | -              | 4              | 16             | -              | -              |
| 2  | 1°25'50" | M10 | 5   | 17,780         | 14                  | -              | -                 | -              | 5              | 24             | -              | -              |
| 3  | 1°26'16" | M12 | 5   | 23,825         | 19                  | 36             | 24                | 86             | 5,5            | 24             | 12             | 18             |
| 4  | 1°29'15" | M16 | 6,5 | 31,267         | 25                  | 43             | 32                | 109            | 8,2            | 32             | 15             | 23             |
| 5  | 1°30'26" | M20 | 6,5 | 44,399         | 35,7                | 60             | 45                | 136            | 10             | 40             | 18             | 28             |
| 6  | 1°29'36" | M24 | 8   | 63,348         | 51                  | 84             | 65                | 190            | 11,5           | 47             | 25             | 39             |

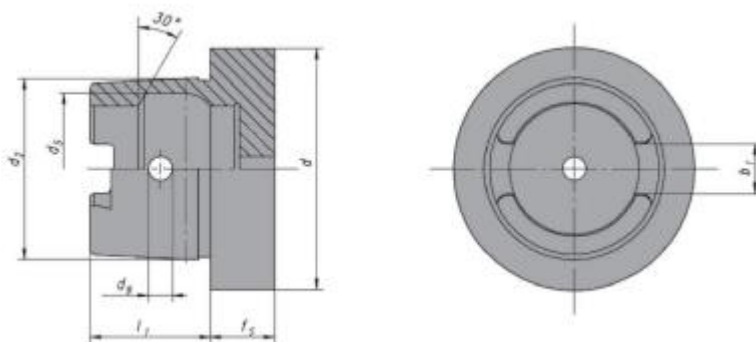
**USI-TECH**

### Porte-outils DIN 69893 / ISO 12164-1 (HSK)



| d <sub>1</sub> | d <sub>2</sub> | d <sub>4</sub> | l <sub>1</sub> | l <sub>2</sub> | l <sub>4</sub> | l <sub>5</sub> | M         | f <sub>1</sub> | f <sub>2</sub> | f <sub>3</sub> | b <sub>1</sub> | b <sub>2</sub> | b <sub>3</sub> |
|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------|----------------|----------------|----------------|----------------|----------------|----------------|
| 32             | 24             | 26             | 16             | 3,2            | 5,0            | 3,0            | M10 × 1   | 20             | 35             | 16             | 7,05           | 7              | 9              |
| 40             | 30             | 34             | 20             | 4,0            | 6,0            | 3,5            | M12 × 1   | 20             | 35             | 16             | 8,05           | 9              | 11             |
| 50             | 38             | 42             | 25             | 5,0            | 7,5            | 4,5            | M16 × 1   | 26             | 42             | 18             | 10,54          | 12             | 14             |
| 63             | 48             | 53             | 32             | 6,3            | 10,0           | 6,0            | M18 × 1   | 26             | 42             | 18             | 12,54          | 16             | 18             |
| 80             | 60             | 67             | 40             | 8,0            | 12,0           | 8,0            | M20 × 1,5 | 26             | 42             | 18             | 16,04          | 18             | 20             |
| 100            | 75             | 85             | 50             | 10,0           | 15,0           | 10,0           | M24 × 1,5 | 29             | 45             | 20             | 20,02          | 22             | 20             |

### Porte-outils DIN 69893-1 (ISO 12164-1) forme C



| d <sub>1</sub> | l <sub>1</sub> | f <sub>5</sub> | d <sub>2</sub> | d <sub>3</sub> | d <sub>9</sub> | b <sub>1</sub> |
|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| 32             | 16             | 10             | 24             | 21             | 4              | 7,05           |
| 40             | 20             | 10             | 30             | 25,5           | 4,6            | 8,05           |
| 50             | 25             | 12,5           | 38             | 32             | 6              | 10,54          |
| 63             | 32             | 12,5           | 48             | 40             | 7,5            | 12,54          |
| 80             | 40             | 16             | 60             | 50             | 8,5            | 16,04          |
| 100            | 50             | 16             | 75             | 63             | 12             | 20,02          |

