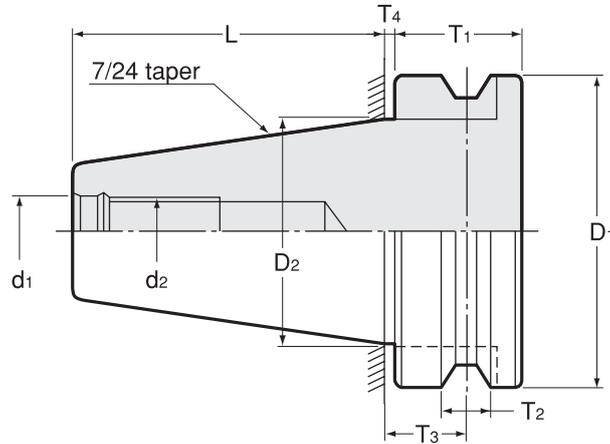


# BT, NT

Tool Shank Dimensions For BT , NT

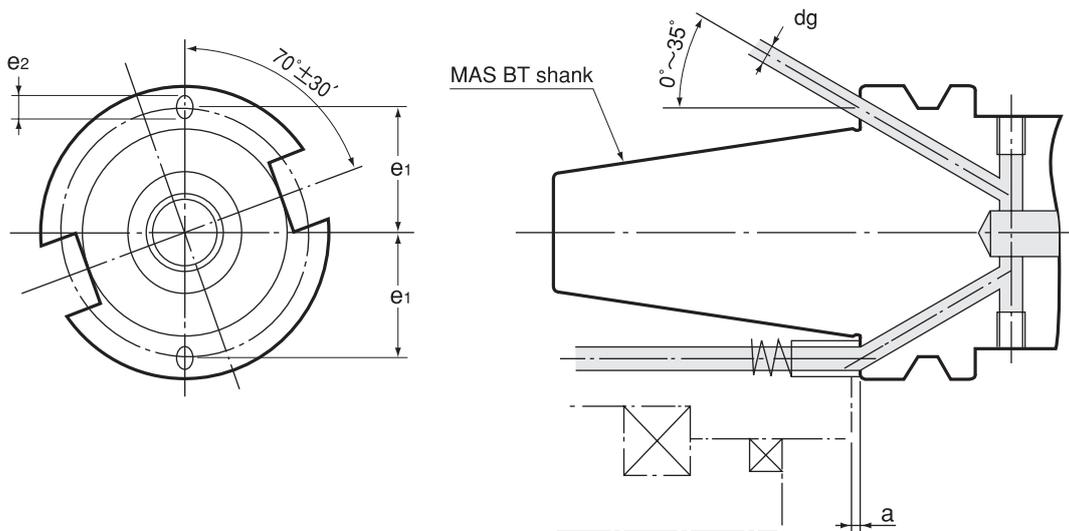
## BT Shank (MAS403-1982)



Unit : Metric

| Model   | D1                                   | D2    | d1                                    | d2  | L ±0.2 | T1 | T2 <sup>+0.1</sup> / <sub>0</sub> | T3 ±0.1 | T4 | Reference |
|---------|--------------------------------------|-------|---------------------------------------|-----|--------|----|-----------------------------------|---------|----|-----------|
| BT30    | 46 <sup>0</sup> / <sub>-0.039</sub>  | 31.75 | 12.5 <sup>+0.027</sup> / <sub>0</sub> | M12 | 48.4   | 20 | 8                                 | 13.6    | 2  | MAS       |
| BT35    | 53 <sup>0</sup> / <sub>-0.046</sub>  | 38.1  | 12.5 <sup>+0.027</sup> / <sub>0</sub> | M12 | 56.4   | 22 | 10                                | 14.6    | 2  | MAS       |
| BT35-MS | 53 <sup>0</sup> / <sub>-0.046</sub>  | 38.1  | 13.0 <sup>+0.027</sup> / <sub>0</sub> | M12 | 56.5   | 20 | 10                                | 13.0    | 2  | MS        |
| BT40    | 63 <sup>0</sup> / <sub>-0.046</sub>  | 44.45 | 17.0 <sup>+0.027</sup> / <sub>0</sub> | M16 | 65.4   | 25 | 10                                | 16.6    | 2  | MAS       |
| BT45    | 85 <sup>0</sup> / <sub>-0.054</sub>  | 57.15 | 21.0 <sup>+0.033</sup> / <sub>0</sub> | M20 | 82.8   | 30 | 12                                | 21.2    | 3  | MAS       |
| BT50    | 100 <sup>0</sup> / <sub>-0.054</sub> | 69.85 | 25.0 <sup>+0.033</sup> / <sub>0</sub> | M24 | 101.8  | 35 | 15                                | 23.2    | 3  | MAS       |

## BT Shank Flange-through coolant type (DIN69871/B)



Unit : Metric

| Model | dg | e1 ±0.1 | e2 max | a ±0.1 |
|-------|----|---------|--------|--------|
| BT40  | 4  | 27      | 5      | 2      |
| BT50  | 6  | 42      | 7      | 3      |