

| Model No. | FIG. | d | D | D1 | L | L1 | E | H | Weight (kg) |
|----------------|------|----|----|----|-----|----|----|-------|-------------|
| BT30 AHC06-075 | 1 | 6 | 26 | 45 | 75 | 19 | 28 | 28-56 | 0.90 |
| -090 | 1 | 6 | 26 | 46 | 90 | 28 | 28 | 28-56 | 1.00 |
| AHC08-075 | 1 | 8 | 28 | 45 | 75 | 19 | 28 | 28-56 | 0.90 |
| -090 | 1 | 8 | 28 | 46 | 90 | 28 | 28 | 28-56 | 1.00 |
| AHC10-075 | 1 | 10 | 30 | 45 | 75 | 19 | 33 | 33-56 | 0.90 |
| -090 | 1 | 10 | 30 | 46 | 90 | 28 | 33 | 33-56 | 1.00 |
| AHC12-075 | 1 | 12 | 32 | 45 | 75 | 19 | 38 | 38-61 | 0.90 |
| -090 | 1 | 12 | 32 | 46 | 90 | 28 | 38 | 38-61 | 1.00 |
| AHC16-090 | 1 | 16 | 38 | 46 | 90 | 28 | 43 | 43-70 | 1.10 |
| AHC20-090 | 2 | 20 | 42 | 53 | 90 | 37 | 43 | 43-70 | 1.10 |
| BT40 AHC06-090 | 1 | 6 | 26 | 45 | 90 | 28 | 28 | 28-56 | 1.50 |
| -105 | 1 | 6 | 26 | 45 | 105 | 28 | 28 | 28-56 | 1.70 |
| -135 | 1 | 6 | 26 | 45 | 135 | 28 | 28 | 28-56 | 2.20 |
| AHC08-090 | 1 | 8 | 28 | 45 | 90 | 28 | 28 | 28-56 | 1.60 |
| -105 | 1 | 8 | 28 | 45 | 105 | 28 | 28 | 28-56 | 1.80 |
| -135 | 1 | 8 | 28 | 45 | 135 | 28 | 28 | 28-56 | 2.20 |
| AHC10-090 | 1 | 10 | 30 | 45 | 90 | 28 | 33 | 33-56 | 1.60 |
| -105 | 1 | 10 | 30 | 45 | 105 | 28 | 33 | 33-56 | 1.80 |
| -135 | 1 | 10 | 30 | 45 | 135 | 28 | 33 | 33-56 | 2.20 |
| AHC12-090 | 1 | 12 | 32 | 45 | 90 | 28 | 38 | 38-61 | 1.60 |
| -105 | 1 | 12 | 32 | 45 | 105 | 28 | 38 | 38-61 | 1.80 |
| -135 | 1 | 12 | 32 | 45 | 135 | 28 | 38 | 38-61 | 2.20 |
| AHC16-090 | 1 | 16 | 38 | 45 | 90 | 28 | 43 | 43-70 | 1.60 |
| -105 | 1 | 16 | 38 | 45 | 105 | 40 | 43 | 43-70 | 1.80 |
| -135 | 1 | 16 | 38 | 45 | 135 | 40 | 43 | 43-70 | 2.10 |
| AHC20-090 | 1 | 20 | 42 | 50 | 90 | 28 | 43 | 43-70 | 1.60 |
| -105 | 1 | 20 | 42 | 50 | 105 | 40 | 43 | 43-70 | 1.90 |
| -135 | 1 | 20 | 42 | 50 | 135 | 40 | 43 | 43-70 | 2.40 |
| AHC25-075 | 1 | 25 | 55 | 63 | 75 | 28 | 52 | 52-79 | 1.70 |
| -090 | 1 | 25 | 55 | 63 | 90 | 28 | 52 | 52-79 | 2.00 |
| AHC32-090 | 2 | 32 | 63 | 75 | 90 | 33 | 56 | 56-81 | 2.10 |
| -110 | 2 | 32 | 63 | 75 | 110 | 33 | 56 | 56-81 | 2.60 |

Unit: mm

Features

- AHC tooling system is suitable for high speed and high precision cutting.
- When using without collet, AHC tooling system is designed for coolant type -THROUGH TOOLS.
- Tools are restricted by material of h6 carbide tool.
- Balancing: 30,000 r.p.m G2.5
- AHC 刀具系列適用於高轉速、高精密切削加工，切削效果佳
- 在沒有搭配筒夾的情況下使用，AHC 刀具系列為刀尖給水設計
- 刀具限用 h6 鎢鋼刀具
- 動平衡：30,000 r.p.m G2.5

Hydraulic Chuck

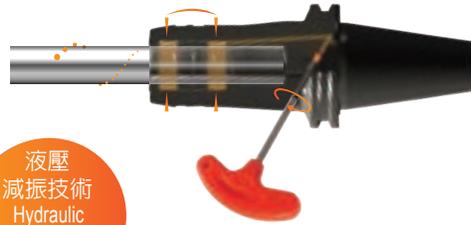
高精度油壓夾頭

AHC

BT / NT series

- 5um 4XD偏擺精度
- 刀具拆裝迅速
- 切削減振效果
- Runout accuracy <5um at 4XD
- East and fast to change the tool.
- Hydraulic vibration damping

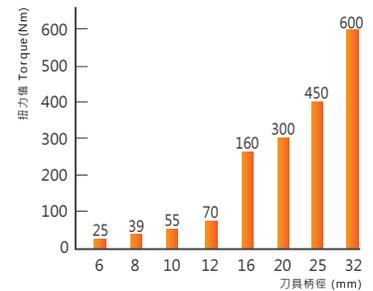
長跨距二環夾持 提升精度穩定性
Hydraulic Chambers-Stable runout and high accuracy is achieved by 2 points holding.



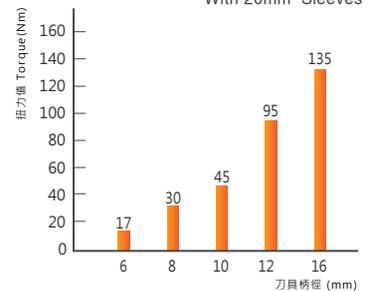
轉動扳手 輕鬆換刀
Turn the wrench- Easy and fast to change the tool.

油壓刀桿夾持扭力測試

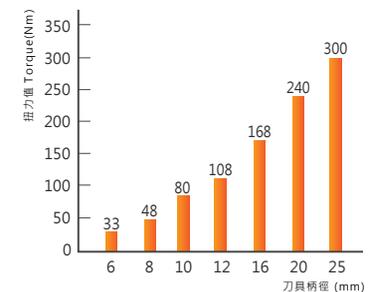
直接夾持
Direct Clamping



使用20mm筒夾夾持刀具
With 20mm Sleeves



使用32mm筒夾夾持刀具
With 32mm Sleeves

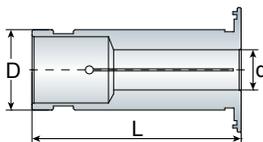


| Model No. | FIG. | d | D | D1 | L | L1 | E | H | Weight (kg) |
|----------------|------|----|----|----|-----|----|----|-------|-------------|
| BT50 AHC06-105 | 1 | 6 | 26 | 45 | 105 | 28 | 28 | 28-56 | 4.20 |
| -135 | 1 | 6 | 26 | 45 | 135 | 28 | 28 | 28-56 | 4.60 |
| -165 | 1 | 6 | 26 | 45 | 165 | 28 | 28 | 28-56 | 5.10 |
| AHC08-105 | 1 | 8 | 28 | 45 | 105 | 28 | 28 | 28-56 | 4.20 |
| -135 | 1 | 8 | 28 | 45 | 135 | 28 | 28 | 28-56 | 4.60 |
| -165 | 1 | 8 | 28 | 45 | 165 | 28 | 28 | 28-56 | 5.10 |
| AHC10-105 | 1 | 10 | 30 | 45 | 105 | 28 | 33 | 33-56 | 4.20 |
| -135 | 1 | 10 | 30 | 45 | 135 | 28 | 33 | 33-56 | 4.60 |
| -165 | 1 | 10 | 30 | 45 | 165 | 28 | 33 | 33-56 | 5.10 |
| AHC12-105 | 1 | 12 | 32 | 45 | 105 | 28 | 38 | 38-61 | 4.20 |
| -135 | 1 | 12 | 32 | 45 | 135 | 28 | 38 | 38-61 | 4.60 |
| -165 | 1 | 12 | 32 | 45 | 165 | 28 | 38 | 38-61 | 5.10 |
| AHC16-105 | 1 | 16 | 38 | 47 | 105 | 28 | 43 | 43-70 | 4.20 |
| -135 | 1 | 16 | 38 | 47 | 135 | 28 | 43 | 43-70 | 4.70 |
| -165 | 1 | 16 | 38 | 47 | 165 | 28 | 43 | 43-70 | 5.20 |
| AHC20-105 | 1 | 20 | 42 | 50 | 105 | 46 | 43 | 43-70 | 4.20 |
| -135 | 1 | 20 | 42 | 50 | 135 | 46 | 43 | 43-70 | 4.80 |
| -165 | 1 | 20 | 42 | 50 | 165 | 46 | 43 | 43-70 | 5.40 |
| AHC25-105 | 1 | 25 | 63 | 68 | 105 | 50 | 52 | 52-79 | 5.00 |
| -135 | 1 | 25 | 63 | 68 | 135 | 50 | 52 | 52-79 | 5.90 |
| -165 | 1 | 25 | 63 | 68 | 165 | 50 | 52 | 52-79 | 6.70 |
| AHC32-105 | 1 | 32 | 72 | 78 | 105 | 50 | 56 | 56-81 | 5.30 |
| -135 | 1 | 32 | 72 | 78 | 135 | 50 | 56 | 56-81 | 6.50 |
| -165 | 1 | 32 | 72 | 78 | 165 | 50 | 56 | 56-81 | 7.60 |

Unit: mm

Straight Collet-Coolant Type

油壓夾頭止水型筒夾



| Model No. | D | d | L | Weight (kg) |
|-----------|----|--------------------------|------|-------------|
| SC12-CL | 12 | 3,4,5,6,8 | 40 | 0.02 |
| SC16-CL | 16 | 6,8,10,12 | 47.5 | 0.08 |
| SC20-CL | 20 | 4,6,8,10,12,14,16 | 52 | 0.10 |
| SC25-CL | 25 | 6,8,10,12,14,16,20 | 58 | 0.20 |
| SC32-CL | 32 | 6,8,10,12,14,16,18,20,25 | 64 | 0.30 |

Unit: mm

SC-CL

