



# 2025 工具系统 TOOLING SYSTEM



# 公司简介

## About GESAC

厦门金鹭特种合金有限公司，成立于1989年，是一家中外合资的国家级高新技术企业，是国有上市公司厦门钨业股份有限公司的骨干成员。公司致力于高品质钨粉末材料、硬质合金、精密切削工具等钨系列产品的研发、生产，以及行业专业解决方案的提供，是知名的钨粉末、硬质合金及切削工具供应商。

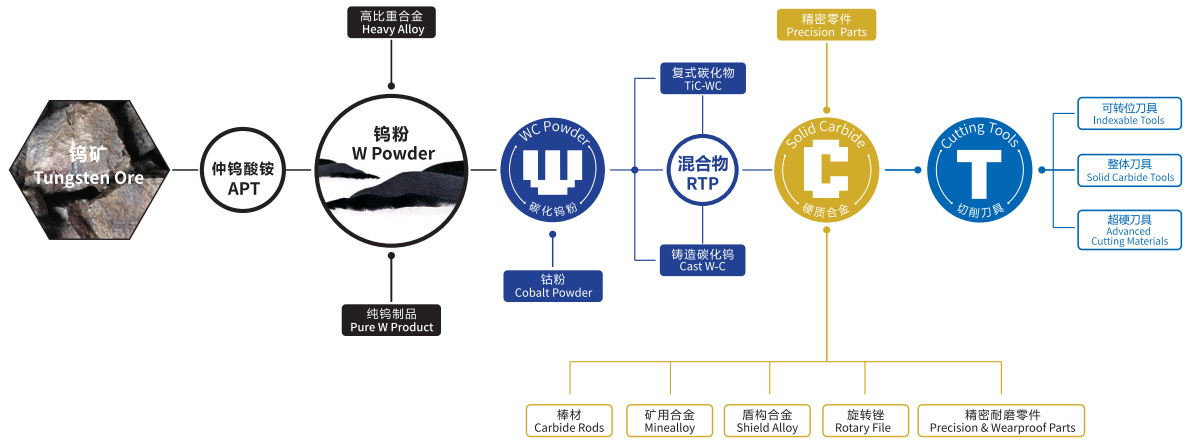
凭借完整钨产业链的产品集成技术研发，以及求实创新的管理理念，厦门金鹭始终保持着强劲的发展势头，为全球用户提供高性价比的钨粉末产品和服务，为现代工业领域解决高硬度、耐高温、耐磨损问题，提供了优良的产品和完善的解决方案，客户遍布全球，享誉海内外。

公司现有员工3000多名，拥有5个生产基地，4个境外销售公司和1个企业技术中心，独立承担并完成多项“国家科技支撑计划项目”，“国家科技重大专项”，“国家火炬计划项目”，“国家重点新产品”开发项目及省市重点研究课题，被评为“战略性新兴产业骨干企业”、“创新型企业”、“先进技术企业”；荣获包括国家科技进步二等奖等多项专利与奖项；切削工具累计获得发明专利、实用新型专利及外观专利等400多项。

Xiamen Golden Egret Special Alloy Co. Ltd., established in 1989, is a Sino-foreign joint venture state-level high-tech enterprise and a key member of the state-owned listed company Xiamen Tungsten Co., Ltd.The company is committed to the research and development and production of high-quality tungsten powder materials, cemented carbide, precision cutting tools and other tungsten products, as well as the provision of professional solutions in the industry. It is a well-known supplier of tungsten powder, cemented carbide and cutting tools.

With the product integration technology research and development of the complete tungsten industry chain, as well as the realistic and innovative management concept, Golden Egret has always maintained a strong development momentum, providing cost-effective tungsten powder products and services for global users, and solving high hardness, resistance to High temperature, wear resistance, provide excellent products and perfect solutions, customers all over the world, well-known at home and abroad.

The company has more than 3,000 employees, 5 production bases, 4 overseas sales companies and 1 enterprise technology center. Planning Project", "National Key New Product" development project and provincial and municipal key research topics, and was rated as "Strategic Emerging Industry Backbone Enterprise", "Innovative Enterprise", "Advanced Technology Enterprise"; won the first prize including National Science and Technology Progress Award, the second prize of National Science and Technology Progress Award and many other patents and awards; cutting tools have obtained more than 400 invention patents, utility model patents and appearance patents.





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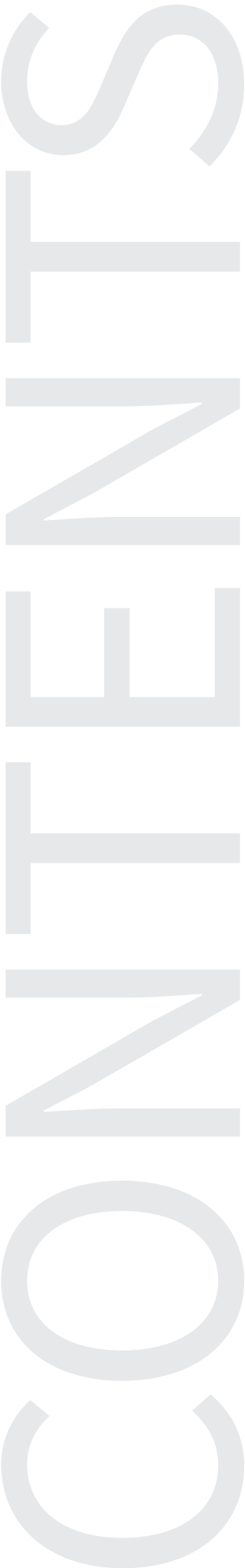
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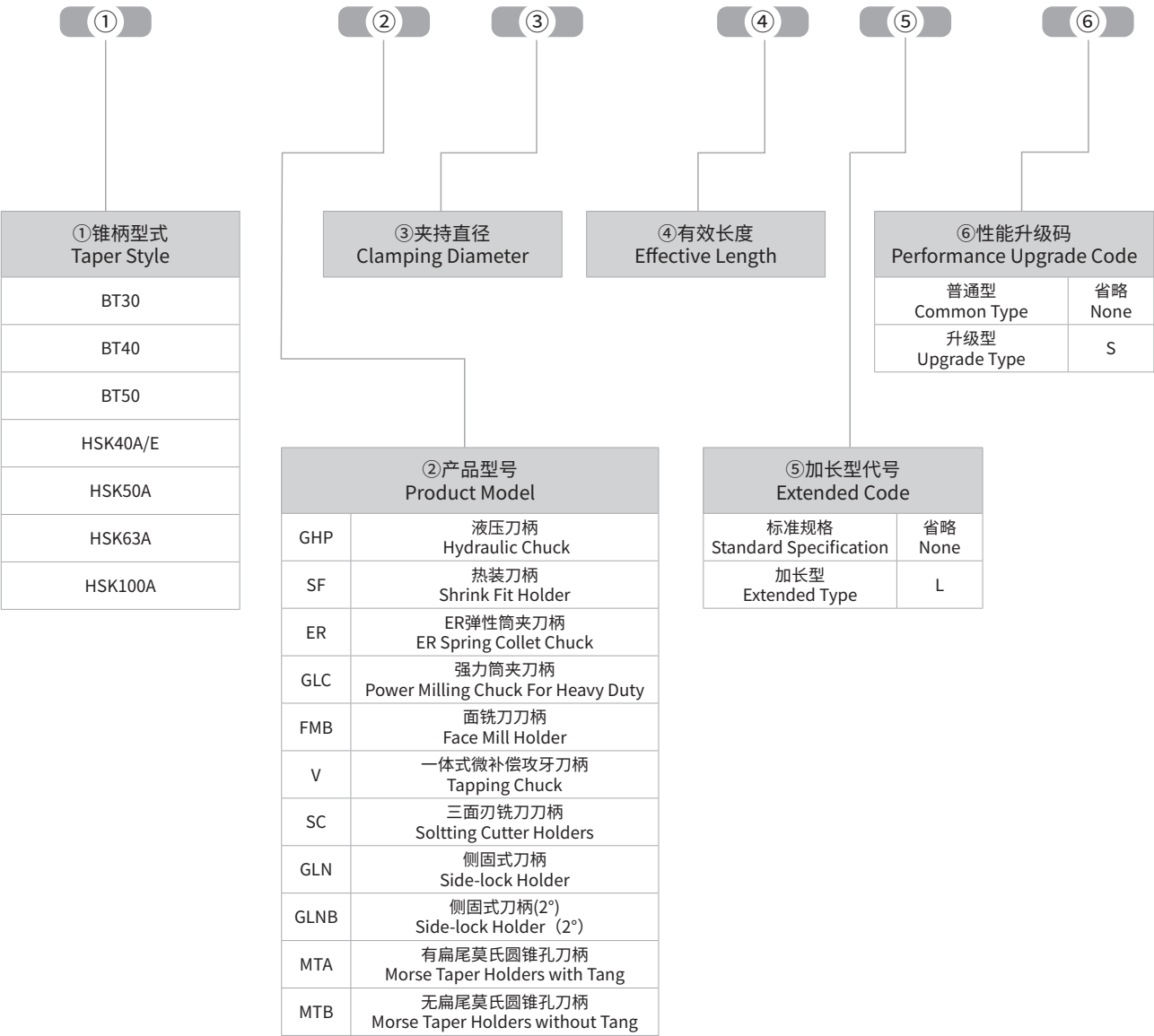
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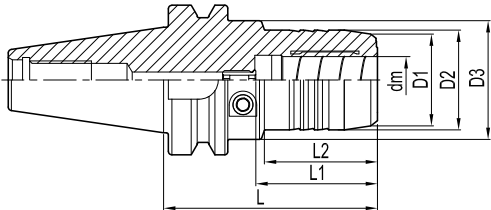


BT30 — SF 06 — 200 L — S



液压刀柄  
Hydraulic Chuck

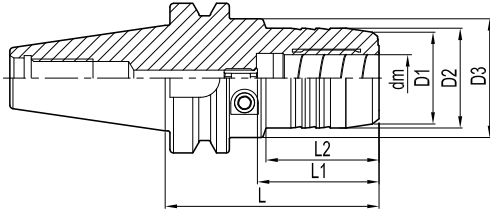
GHP



| 订货号<br>Ordering Code |              | 尺寸<br>Dimension (mm) |    |    |    |      |    |      | 筒夹<br>Collets | 重量<br>Weight(kg) |
|----------------------|--------------|----------------------|----|----|----|------|----|------|---------------|------------------|
|                      |              | dm                   | D1 | D2 | D3 | L    | L1 | L2   |               |                  |
| BT30-                | GHP06-50.8-S | 6                    | 23 | 26 | 46 | 50.8 | 37 | 15.6 | -             | 0.6              |
|                      | GHP08-50.8-S | 8                    | 25 | 28 | 46 | 50.8 | 37 | 15.6 | -             | 0.6              |
|                      | GHP10-50.8-S | 10                   | 27 | 30 | 46 | 50.8 | 41 | 15.6 | -             | 0.6              |
|                      | GHP12-50.8-S | 12                   | 29 | 32 | 46 | 50.8 | 46 | 15.6 | OD12          | 0.6              |
|                      | GHP14-90-S   | 14                   | 30 | 34 | 50 | 90   | 46 | 40   | -             | 0.9              |
|                      | GHP16-90-S   | 16                   | 34 | 38 | 50 | 90   | 49 | 50   | -             | 1                |
|                      | GHP18-90-S   | 18                   | 36 | 40 | 50 | 90   | 49 | 47   | -             | 1                |
|                      | GHP20-90-S   | 20                   | 38 | 42 | 50 | 90   | 51 | 50   | OD20          | 1                |
|                      |              |                      |    |    |    |      |    |      |               |                  |
| BT40-                | GHP06-65-S   | 6                    | 22 | 26 | 50 | 65   | 37 | 18   | -             | 1.2              |
|                      | GHP06-90-S   | 6                    | 22 | 26 | 50 | 90   | 37 | 43   | -             | 1.4              |
|                      | GHP06-140-S  | 6                    | 22 | 26 | 50 | 140  | 37 | 93   | -             | 1.6              |
|                      | GHP08-65-S   | 8                    | 24 | 28 | 50 | 65   | 37 | 20   | -             | 1.3              |
|                      | GHP08-90-S   | 8                    | 24 | 28 | 50 | 90   | 37 | 44.5 | -             | 1.4              |
|                      | GHP08-140-S  | 8                    | 24 | 28 | 50 | 140  | 37 | 94   | -             | 1.6              |
|                      | GHP10-65-S   | 10                   | 26 | 30 | 50 | 65   | 41 | 21   | -             | 1.3              |
|                      | GHP10-90-S   | 10                   | 26 | 30 | 50 | 90   | 41 | 44.5 | -             | 1.4              |
|                      | GHP10-140-S  | 10                   | 26 | 30 | 50 | 140  | 41 | 94   | -             | 1.7              |
|                      | GHP12-65-S   | 12                   | 28 | 32 | 53 | 65   | 46 | 22   | OD12          | 1.3              |
|                      | GHP12-90-S   | 12                   | 28 | 32 | 50 | 90   | 46 | 44.5 | OD12          | 1.4              |
|                      | GHP12-140-S  | 12                   | 28 | 32 | 50 | 140  | 46 | 95   | OD12          | 1.8              |
|                      | GHP14-65-S   | 14                   | 30 | 34 | 56 | 65   | 46 | 22   | -             | 1.3              |
|                      | GHP14-90-S   | 14                   | 30 | 34 | 50 | 90   | 46 | 44.5 | -             | 1.5              |
|                      | GHP14-140-S  | 14                   | 30 | 34 | 50 | 140  | 46 | 95   | -             | 1.8              |
|                      | GHP16-65-S   | 16                   | 34 | 38 | 56 | 65   | 49 | 20   | -             | 1.4              |
|                      | GHP16-90-S   | 16                   | 34 | 38 | 50 | 90   | 49 | 47.5 | -             | 1.5              |
|                      | GHP16-140-S  | 16                   | 34 | 38 | 50 | 140  | 49 | 96   | -             | 1.9              |
|                      | GHP18-75-S   | 18                   | 36 | 40 | 60 | 75   | 49 | 30   | -             | 1.4              |
|                      | GHP18-90-S   | 18                   | 36 | 40 | 50 | 90   | 49 | 47.5 | -             | 1.5              |
|                      | GHP18-140-S  | 18                   | 36 | 40 | 50 | 140  | 49 | 97   | -             | 1.9              |
|                      | GHP20-75-S   | 20                   | 38 | 50 |    | 75   | 51 | 48   | OD20          | 1.5              |
|                      | GHP20-90-S   | 20                   | 38 | 42 | 50 | 90   | 51 | 47.5 | OD20          | 1.6              |
|                      | GHP20-140-S  | 20                   | 38 | 42 | 50 | 140  | 51 | 97   | OD20          | 2.1              |
|                      | GHP25-100-S  | 25                   | 53 | 57 | 63 | 100  | 57 | 57   | -             | 2.2              |
|                      | GHP25-135-S  | 25                   | 53 | 57 | 63 | 135  | 57 | 92   | -             | 2.9              |
|                      | GHP32-83-S   | 32                   | 60 | 63 | 80 | 83   | 61 | 25.5 | OD32          | 2                |

液压刀柄  
Hydraulic Chuck

GHP



| 订货号<br>Ordering Code |             | 尺寸<br>Dimension (mm) |    |    |      |     |    |      | 筒夹<br>Collets | 重量<br>Weight(kg) |
|----------------------|-------------|----------------------|----|----|------|-----|----|------|---------------|------------------|
|                      |             | dm                   | D1 | D2 | D3   | L   | L1 | L2   |               |                  |
| BT40-                | GHP32-135-S | 32                   | 60 | 63 | 75   | 135 | 61 | 85   | OD32          | 3.2              |
| BT50-                | GHP06-90-S  | 6                    | 22 | 26 | 50   | 90  | 37 | 29.5 | -             | 4                |
|                      | GHP06-120-S | 6                    | 22 | 26 | 50   | 120 | 37 | 34   | -             | 4.1              |
|                      | GHP06-140-S | 6                    | 22 | 26 | 50   | 140 | 37 | 34   | -             | 4.3              |
|                      | GHP08-90-S  | 8                    | 24 | 28 | 50   | 90  | 37 | 30   | -             | 3.9              |
|                      | GHP08-120-S | 8                    | 24 | 28 | 50   | 120 | 37 | 34   | -             | 4.1              |
|                      | GHP08-140-S | 8                    | 24 | 28 | 50   | 140 | 37 | 34   | -             | 4.2              |
|                      | GHP10-90-S  | 10                   | 26 | 30 | 50   | 90  | 41 | 31   | -             | 4                |
|                      | GHP10-120-S | 10                   | 26 | 30 | 50   | 120 | 41 | 34   | -             | 4.2              |
|                      | GHP10-140-S | 10                   | 26 | 30 | 50   | 140 | 41 | 34   | -             | 4.3              |
|                      | GHP12-90-S  | 12                   | 28 | 32 | 50   | 90  | 46 | 34   | OD12          | 4                |
|                      | GHP12-120-S | 12                   | 28 | 32 | 50   | 120 | 46 | 65   | OD12          | 4.2              |
|                      | GHP12-140-S | 12                   | 28 | 32 | 50   | 140 | 46 | 95   | OD12          | 4.3              |
|                      | GHP14-90-S  | 14                   | 30 | 34 | 44.5 | 90  | 46 | 34   | -             | 4                |
|                      | GHP14-120-S | 14                   | 30 | 34 | 50   | 120 | 46 | 64   | -             | 4.1              |
|                      | GHP14-140-S | 14                   | 30 | 34 | 50   | 140 | 46 | 84   | -             | 4.3              |
|                      | GHP16-90-S  | 16                   | 34 | 38 | 44.5 | 90  | 49 | 34   | -             | 4                |
|                      | GHP16-120-S | 16                   | 34 | 38 | 50   | 120 | 49 | 65   | -             | 4.3              |
|                      | GHP16-140-S | 16                   | 34 | 38 | 50   | 140 | 49 | 85   | -             | 4.4              |
|                      | GHP18-90-S  | 18                   | 36 | 40 | 44.5 | 90  | 49 | 34   | -             | 4.1              |
|                      | GHP18-120-S | 18                   | 36 | 40 | 50   | 120 | 49 | 62   | -             | 4.3              |
|                      | GHP18-140-S | 18                   | 36 | 40 | 50   | 140 | 49 | 82   | -             | 4.5              |
|                      | GHP20-90-S  | 20                   | 38 | 42 | 44.5 | 90  | 51 | 34   | OD20          | 4                |
|                      | GHP20-120-S | 20                   | 38 | 42 | 50   | 120 | 51 | 65   | OD20          | 4.3              |
|                      | GHP20-140-S | 20                   | 38 | 42 | 50   | 140 | 51 | 85   | OD20          | 4.6              |
|                      | GHP25-105-S | 25                   | 40 | 44 | 72   | 105 | 61 | 49   | -             | 4.8              |
|                      | GHP25-150-S | 25                   | 40 | 44 | 72   | 150 | 61 | 93   | -             | 5.6              |
|                      | GHP32-90-S  | 32                   | 60 | 64 | 72   | 90  | 61 | 34   | OD32          | 4.6              |
|                      | GHP32-150-S | 32                   | 60 | 64 | 72   | 150 | 61 | 92   | OD32          | 6                |

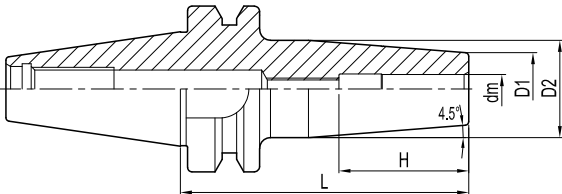
注：扳手和筒夹需单独订购。  
Notice: Wrench and collet shall be ordered separately.

| 附件Accessories | dm=6      | dm=8 | dm=10 | dm=12 | dm=16 | dm=20 | dm=25     | dm=32 |
|---------------|-----------|------|-------|-------|-------|-------|-----------|-------|
| 扳手Hex Wrench  | TH05T-L-S |      |       |       |       |       | TH06T-L-S |       |



热装刀柄  
Shrink Fit Holder

SF

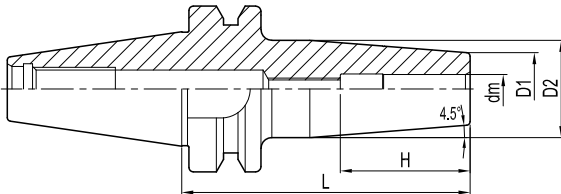


柄径公差  
h6

| 订货号<br>Ordering Code |            | 尺寸<br>Dimension (mm) |    |    |     |    | 重量<br>Weight(kg) |
|----------------------|------------|----------------------|----|----|-----|----|------------------|
|                      |            | dm                   | D1 | D2 | L   | H  |                  |
| BT30-                | SF03-60-S  | 3                    | 10 | -  | 60  | -  | 0.4              |
|                      | SF04-60-S  | 4                    | 10 | -  | 60  | -  | 0.4              |
|                      | SF05-60-S  | 5                    | 10 | -  | 60  | -  | 0.4              |
|                      | SF06-80-S  | 6                    | 21 | 27 | 80  | 36 | 0.6              |
|                      | SF06-105-S | 6                    | 21 | 27 | 105 | 36 | 0.7              |
|                      | SF06-120-S | 6                    | 21 | 27 | 120 | 36 | 0.7              |
|                      | SF08-80-S  | 8                    | 21 | 27 | 80  | 36 | 0.6              |
|                      | SF08-105-S | 8                    | 21 | 27 | 105 | 36 | 0.8              |
|                      | SF08-120-S | 8                    | 21 | 32 | 120 | 36 | 0.9              |
|                      | SF10-80-S  | 10                   | 24 | 32 | 80  | 42 | 0.6              |
|                      | SF10-105-S | 10                   | 24 | 32 | 105 | 42 | 0.8              |
|                      | SF10-120-S | 10                   | 24 | 32 | 120 | 42 | 0.9              |
|                      | SF12-80-S  | 12                   | 24 | 32 | 80  | 47 | 0.6              |
|                      | SF12-105-S | 12                   | 24 | 32 | 105 | 47 | 0.8              |
|                      | SF12-120-S | 12                   | 24 | 34 | 120 | 47 | 0.9              |
|                      | SF14-80-S  | 14                   | 27 | 34 | 80  | 47 | 0.7              |
|                      | SF14-105-S | 14                   | 27 | 34 | 105 | 47 | 0.8              |
|                      | SF14-120-S | 14                   | 27 | 34 | 120 | 47 | 0.9              |
|                      | SF16-80-S  | 16                   | 27 | 34 | 80  | 50 | 0.7              |
|                      | SF16-105-S | 16                   | 27 | 34 | 105 | 50 | 0.8              |
|                      | SF16-120-S | 16                   | 27 | 34 | 120 | 50 | 0.9              |
|                      | SF18-80-S  | 18                   | 33 | 42 | 80  | 50 | 0.8              |
|                      | SF20-90-S  | 20                   | 33 | 42 | 90  | 52 | 0.9              |
| BT40-                | SF03-80-S  | 3                    | 10 | -  | 80  | -  | 1.0              |
|                      | SF04-80-S  | 4                    | 10 | -  | 80  | -  | 1.0              |
|                      | SF05-80-S  | 5                    | 10 | -  | 80  | -  | 1.0              |
|                      | SF06-90-S  | 6                    | 21 | 27 | 90  | 36 | 1.2              |
|                      | SF06-120-S | 6                    | 21 | 27 | 120 | 36 | 1.3              |
|                      | SF06-160-S | 6                    | 21 | 32 | 160 | 36 | 1.6              |
|                      | SF06-200-S | 6                    | 21 | 32 | 200 | 36 | 1.9              |
|                      | SF08-90-S  | 8                    | 21 | 27 | 90  | 36 | 1.2              |
|                      | SF08-120-S | 8                    | 21 | 27 | 120 | 36 | 1.3              |
|                      | SF08-160-S | 8                    | 21 | 32 | 160 | 36 | 1.6              |
|                      | SF08-200-S | 8                    | 21 | 32 | 200 | 36 | 1.9              |
|                      | SF10-90-S  | 10                   | 24 | 32 | 90  | 42 | 1.2              |

热装刀柄  
Shrink Fit Holder

SF

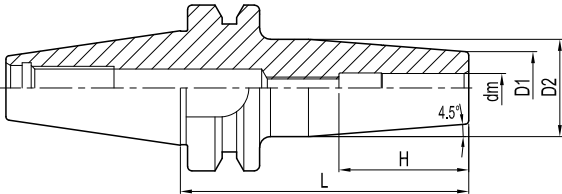


柄径公差  
h6

| 订货号<br>Ordering Code |            | 尺寸<br>Dimension (mm) |    |    |     |    | 重量<br>Weight(kg) |
|----------------------|------------|----------------------|----|----|-----|----|------------------|
|                      |            | dm                   | D1 | D2 | L   | H  |                  |
| BT40-                | SF10-120-S | 10                   | 24 | 32 | 120 | 42 | 1.3              |
|                      | SF10-160-S | 10                   | 24 | 34 | 160 | 42 | 1.6              |
|                      | SF10-200-S | 10                   | 24 | 34 | 200 | 42 | 1.9              |
|                      | SF12-90-S  | 12                   | 24 | 32 | 90  | 47 | 1.2              |
|                      | SF12-120-S | 12                   | 24 | 32 | 120 | 47 | 1.3              |
|                      | SF12-160-S | 12                   | 24 | 34 | 160 | 47 | 1.6              |
|                      | SF12-200-S | 12                   | 24 | 34 | 200 | 47 | 1.9              |
|                      | SF14-90-S  | 14                   | 27 | 34 | 90  | 47 | 1.3              |
|                      | SF14-120-S | 14                   | 27 | 34 | 120 | 47 | 1.4              |
|                      | SF14-160-S | 14                   | 27 | 42 | 160 | 47 | 1.8              |
|                      | SF14-200-S | 14                   | 27 | 42 | 200 | 47 | 2.3              |
|                      | SF16-90-S  | 16                   | 27 | 34 | 90  | 50 | 1.2              |
|                      | SF16-120-S | 16                   | 27 | 34 | 120 | 50 | 1.3              |
|                      | SF16-160-S | 16                   | 27 | 42 | 160 | 50 | 1.8              |
|                      | SF16-200-S | 16                   | 27 | 42 | 200 | 50 | 2.2              |
|                      | SF18-90-S  | 18                   | 33 | 42 | 90  | 50 | 1.5              |
|                      | SF18-120-S | 18                   | 33 | 42 | 120 | 50 | 1.6              |
|                      | SF18-160-S | 18                   | 33 | 51 | 160 | 50 | 2.2              |
|                      | SF18-200-S | 18                   | 33 | 51 | 200 | 50 | 2.8              |
|                      | SF20-90-S  | 20                   | 33 | 42 | 90  | 52 | 1.3              |
|                      | SF20-120-S | 20                   | 33 | 42 | 120 | 52 | 1.6              |
|                      | SF20-160-S | 20                   | 33 | 51 | 160 | 52 | 2.1              |
|                      | SF20-200-S | 20                   | 33 | 51 | 200 | 52 | 2.7              |
|                      | SF25-100-S | 25                   | 44 | 53 | 100 | 58 | 1.8              |
|                      | SF25-120-S | 25                   | 44 | 53 | 120 | 58 | 1.7              |
|                      | SF25-160-S | 25                   | 44 | 60 | 160 | 58 | 2.2              |
|                      | SF25-200-S | 25                   | 44 | 60 | 200 | 58 | 3.1              |
| BT50-                | SF32-100-S | 32                   | 44 | 53 | 100 | 58 | 1.6              |
|                      | SF32-130-S | 32                   | 44 | 53 | 130 | 58 | 2.1              |
|                      | SF32-160-S | 32                   | 44 | 60 | 160 | 58 | 2.6              |
|                      | SF06-100-S | 6                    | 21 | 27 | 100 | 36 | 3.7              |
|                      | SF06-120-S | 6                    | 21 | 27 | 120 | 36 | 3.8              |
|                      | SF06-160-S | 6                    | 21 | 32 | 160 | 36 | 4.1              |
|                      | SF06-200-S | 6                    | 21 | 32 | 200 | 36 | 4.4              |

热装刀柄  
Shrink Fit Holder

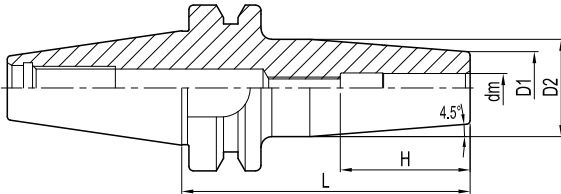
SF



| 订货号<br>Ordering Code |            | 尺寸<br>Dimension (mm) |    |    |     |    | 重量<br>Weight(kg) |
|----------------------|------------|----------------------|----|----|-----|----|------------------|
|                      |            | dm                   | D1 | D2 | L   | H  |                  |
| BT50-                | SF08-100-S | 8                    | 21 | 27 | 100 | 36 | 3.7              |
|                      | SF08-120-S | 8                    | 21 | 27 | 120 | 36 | 3.8              |
|                      | SF08-160-S | 8                    | 21 | 32 | 160 | 36 | 4.1              |
|                      | SF08-200-S | 8                    | 21 | 32 | 200 | 36 | 4.4              |
|                      | SF10-100-S | 10                   | 24 | 32 | 90  | 42 | 3.8              |
|                      | SF10-120-S | 10                   | 24 | 32 | 120 | 42 | 3.9              |
|                      | SF10-160-S | 10                   | 24 | 34 | 160 | 42 | 4.2              |
|                      | SF10-200-S | 10                   | 24 | 34 | 200 | 42 | 4.5              |
|                      | SF12-100-S | 12                   | 24 | 32 | 90  | 47 | 3.8              |
|                      | SF12-120-S | 12                   | 24 | 32 | 120 | 47 | 3.9              |
|                      | SF12-160-S | 12                   | 24 | 34 | 160 | 47 | 4.2              |
|                      | SF12-200-S | 12                   | 24 | 34 | 200 | 47 | 4.5              |
|                      | SF14-100-S | 14                   | 27 | 34 | 90  | 47 | 3.9              |
|                      | SF14-120-S | 14                   | 27 | 34 | 120 | 47 | 4                |
|                      | SF14-160-S | 14                   | 27 | 42 | 160 | 47 | 4.4              |
|                      | SF14-200-S | 14                   | 27 | 42 | 200 | 47 | 4.9              |
|                      | SF16-100-S | 16                   | 27 | 34 | 90  | 50 | 3.8              |
|                      | SF16-120-S | 16                   | 27 | 34 | 120 | 50 | 3.9              |
|                      | SF16-160-S | 16                   | 27 | 42 | 160 | 50 | 4.4              |
|                      | SF16-200-S | 16                   | 27 | 42 | 200 | 50 | 4.8              |
|                      | SF18-100-S | 18                   | 33 | 42 | 90  | 50 | 4.1              |
|                      | SF18-120-S | 18                   | 33 | 42 | 120 | 50 | 4.2              |
|                      | SF18-160-S | 18                   | 33 | 51 | 160 | 50 | 4.8              |
|                      | SF18-200-S | 18                   | 33 | 51 | 200 | 50 | 5.4              |
|                      | SF20-100-S | 20                   | 33 | 42 | 90  | 52 | 3.9              |
|                      | SF20-120-S | 20                   | 33 | 42 | 120 | 52 | 4.2              |
|                      | SF20-160-S | 20                   | 33 | 51 | 160 | 52 | 4.7              |
|                      | SF20-200-S | 20                   | 33 | 51 | 200 | 52 | 5.3              |
|                      | SF25-110-S | 25                   | 44 | 53 | 110 | 58 | 4.4              |
|                      | SF25-135-S | 25                   | 44 | 60 | 135 | 58 | 4.3              |
|                      | SF25-160-S | 25                   | 44 | 60 | 160 | 58 | 4.8              |
|                      | SF25-200-S | 25                   | 44 | 60 | 200 | 58 | 5.7              |
|                      | SF32-110-S | 32                   | 44 | 53 | 110 | 58 | 4.2              |
|                      | SF32-135-S | 32                   | 44 | 60 | 135 | 58 | 4.7              |

热装刀柄  
Shrink Fit Holder

SF



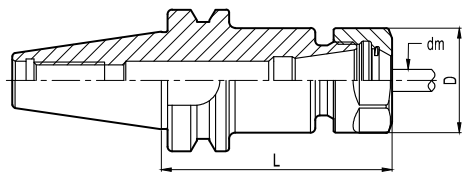
| 订货号<br>Ordering Code |            | 尺寸<br>Dimension (mm) |    |    |     |    | 重量<br>Weight(kg) |
|----------------------|------------|----------------------|----|----|-----|----|------------------|
|                      |            | dm                   | D1 | D2 | L   | H  |                  |
| BT50-                | SF32-160-S | 32                   | 44 | 60 | 160 | 58 | 5.2              |
|                      | SF32-200-S | 32                   | 44 | 60 | 200 | 58 | 6.1              |

特点  
Feature

|                   |                         |
|-------------------|-------------------------|
| 动平衡设定<br>Balanced | 3D处径向跳动<br>Runout (X3D) |
| G2.5; 25,000 rpm  | 0.003 mm                |

ER弹性筒夹刀柄  
ER Spring Collet Chuck

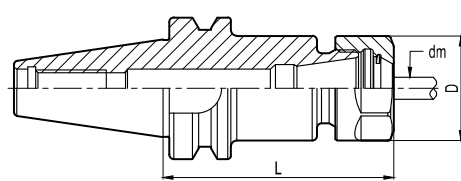
ER



| 订货号<br>Ordering Code |            | 尺寸<br>Dimension (mm) |    |     | 重量<br>Weight(kg) |
|----------------------|------------|----------------------|----|-----|------------------|
|                      |            | dm                   | D  | L   |                  |
| BT30-                | ER11-60-S  | 0.5~7                | 19 | 60  | 0.4              |
|                      | ER11-90-S  | 0.5~7                | 19 | 90  | 0.5              |
|                      | ER16-60-S  | 0.5~10               | 28 | 60  | 0.5              |
|                      | ER16-90-S  | 0.5~10               | 28 | 90  | 0.6              |
|                      | ER16-120-S | 0.5~10               | 28 | 120 | 0.7              |
|                      | ER20-60-S  | 1.0~13               | 34 | 60  | 0.5              |
|                      | ER20-90-S  | 1.0~13               | 34 | 90  | 0.7              |
|                      | ER20-120-S | 1.0~13               | 34 | 120 | 0.9              |
|                      | ER25-60-S  | 1.0~16               | 42 | 60  | 0.7              |
|                      | ER25-90-S  | 1.0~16               | 42 | 90  | 0.9              |
|                      | ER25-120-S | 1.0~16               | 42 | 120 | 1.2              |
|                      | ER32-60-S  | 2.0~20               | 50 | 60  | 0.6              |
|                      | ER32-90-S  | 2.0~20               | 50 | 90  | 0.9              |
| BT40-                | ER11-70-S  | 0.5~7                | 19 | 70  | 1                |
|                      | ER11-120-S | 0.5~7                | 19 | 120 | 1.1              |
|                      | ER16-70-S  | 0.5~10               | 28 | 70  | 1.1              |
|                      | ER16-100-S | 0.5~10               | 28 | 100 | 1.2              |
|                      | ER16-120-S | 0.5~10               | 28 | 120 | 1.3              |
|                      | ER16-150-S | 0.5~10               | 28 | 150 | 1.4              |
|                      | ER20-80-S  | 1.0~13               | 34 | 80  | 1.2              |
|                      | ER20-100-S | 1.0~13               | 34 | 100 | 1.3              |
|                      | ER20-120-S | 1.0~13               | 34 | 120 | 1.4              |
|                      | ER20-150-S | 1.0~13               | 34 | 150 | 1.7              |
|                      | ER25-80-S  | 1.0~16               | 42 | 80  | 1.3              |
|                      | ER25-100-S | 1.0~16               | 42 | 100 | 1.5              |
|                      | ER25-120-S | 1.0~16               | 42 | 120 | 1.7              |
|                      | ER25-150-S | 1.0~16               | 42 | 150 | 2                |
|                      | ER32-60-S  | 2.0~20               | 50 | 60  | 1.1              |
|                      | ER32-100-S | 2.0~20               | 50 | 100 | 1.7              |
|                      | ER32-150-S | 2.0~20               | 50 | 150 | 2.4              |
|                      | ER40-80-S  | 3.0~26               | 63 | 80  | 1.5              |
|                      | ER40-100-S | 3.0~26               | 63 | 100 | 1.9              |
|                      | ER40-120-S | 3.0~26               | 63 | 120 | 2.3              |

ER弹性筒夹刀柄  
ER Spring Collet Chuck

ER



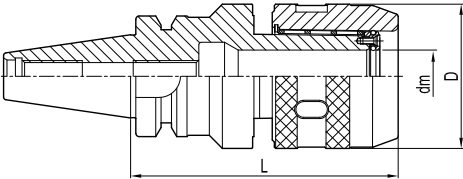
| 订货号<br>Ordering Code |            | 尺寸<br>Dimension (mm) |    |     | 重量<br>Weight(kg) |
|----------------------|------------|----------------------|----|-----|------------------|
|                      |            | dm                   | D  | L   |                  |
| BT40-                | ER40-150-S | 3.0~26               | 63 | 150 | 2.9              |
| BT50-                | ER16-80-S  | 0.5~10               | 28 | 80  | 3.7              |
|                      | ER16-100-S | 0.5~10               | 28 | 100 | 3.8              |
|                      | ER16-120-S | 0.5~10               | 28 | 120 | 3.8              |
|                      | ER16-165-S | 0.5~10               | 28 | 165 | 4                |
|                      | ER20-80-S  | 1.0~13               | 34 | 80  | 3.7              |
|                      | ER20-100-S | 1.0~13               | 34 | 100 | 3.8              |
|                      | ER20-135-S | 1.0~13               | 34 | 135 | 4                |
|                      | ER20-165-S | 1.0~13               | 34 | 165 | 4.2              |
|                      | ER20-200-S | 1.0~13               | 34 | 200 | 4.4              |
|                      | ER20-250-S | 1.0~13               | 34 | 250 | 4.7              |
|                      | ER25-80-S  | 1.0~16               | 42 | 80  | 3.8              |
|                      | ER25-100-S | 1.0~16               | 42 | 100 | 3.9              |
|                      | ER25-120-S | 1.0~16               | 42 | 120 | 4.1              |
|                      | ER25-165-S | 1.0~16               | 42 | 165 | 4.5              |
|                      | ER25-200-S | 1.0~16               | 42 | 200 | 4.9              |
|                      | ER25-250-S | 1.0~16               | 42 | 250 | 5.3              |
|                      | ER32-90-S  | 2.0~20               | 50 | 90  | 3.9              |
|                      | ER32-100-S | 2.0~20               | 50 | 100 | 4                |
|                      | ER32-120-S | 2.0~20               | 50 | 120 | 4.3              |
|                      | ER32-165-S | 2.0~20               | 50 | 165 | 4.9              |
|                      | ER32-200-S | 2.0~20               | 50 | 200 | 5.4              |
|                      | ER32-250-S | 2.0~20               | 50 | 250 | 6.3              |
|                      | ER40-100-S | 3.0~26               | 63 | 100 | 4.3              |
|                      | ER40-120-S | 3.0~26               | 63 | 120 | 4.8              |
|                      | ER40-165-S | 3.0~26               | 63 | 165 | 5.9              |
|                      | ER40-200-S | 3.0~26               | 63 | 200 | 6.7              |

注：筒夹与扳手需单独另购  
Notice: Collets and wrenches shall be ordered separately.



强力筒夹刀柄  
Power Milling Chuck For Heavy Duty

GLC

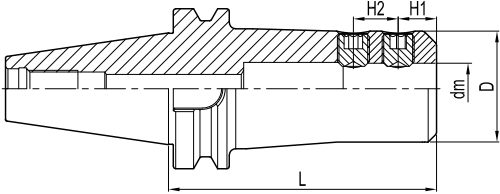


| 订货号<br>Ordering Code |             | 尺寸<br>Dimension (mm) |    |     | 筒夹<br>Collets | 重量<br>Weight(kg) |
|----------------------|-------------|----------------------|----|-----|---------------|------------------|
|                      |             | dm                   | D  | L   |               |                  |
| BT30-                | GLC20-95-S  | 20                   | 52 | 95  | GC20          | 1.4              |
| BT40-                | GLC20-80-S  | 20                   | 52 | 80  | GC20          | 1.9              |
|                      | GLC20-95-S  | 20                   | 52 | 95  | GC20          | 1.9              |
|                      | GLC20-120-S | 20                   | 52 | 120 | GC20          | 2.3              |
|                      | GLC32-105-S | 32                   | 69 | 105 | GC32          | 2.6              |
| BT50-                | GLC32-135-S | 32                   | 69 | 135 | GC32          | 3.6              |
|                      | GLC20-105-S | 20                   | 52 | 105 | GC20          | 4.4              |
|                      | GLC20-135-S | 20                   | 52 | 135 | GC20          | 5                |
|                      | GLC25-110-S | 25                   | 60 | 110 | GC25          | 4.6              |
|                      | GLC25-135-S | 25                   | 60 | 135 | GC25          | 5.3              |
|                      | GLC32-110-S | 32                   | 69 | 110 | GC32          | 5.1              |
|                      | GLC32-135-S | 32                   | 69 | 135 | GC32          | 5.8              |
|                      | GLC32-165-S | 32                   | 69 | 165 | GC32          | 6.7              |
|                      | GLC32-200-S | 32                   | 69 | 200 | GC32          | 7.8              |
|                      | GLC42-110-S | 42                   | 86 | 110 | GC42          | 5.7              |
|                      | GLC42-135-S | 42                   | 86 | 135 | GC42          | 6.9              |
|                      | GLC42-165-S | 42                   | 86 | 165 | GC42          | 8.1              |

注：筒夹与扳手需单独另购  
Notice: Collets and wrenches shall be ordered separately.

侧固式刀柄  
Side-lock Holder

GLN



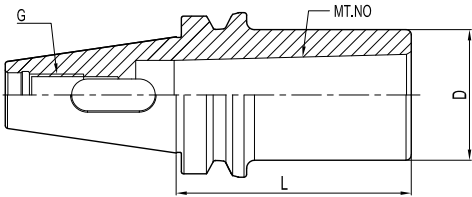
| 订货号<br>Ordering Code |              | 尺寸<br>Dimension (mm) |     |     |    |    | 侧固螺钉<br>Screws | 重量<br>Weight(kg) |
|----------------------|--------------|----------------------|-----|-----|----|----|----------------|------------------|
|                      |              | dm                   | D   | L   | H1 | H2 |                |                  |
| BT30-                | GLN16-60-S   | 16                   | 46  | 60  | 24 | -  | STCM140160-S   | 0.79             |
|                      | GLN20-80-S   | 20                   | 52  | 80  | 25 | -  | STCM160160-S   | 1.04             |
| BT40-                | GLN16-65-S   | 16                   | 48  | 65  | 24 | -  | STCM140160-S   | 1.35             |
|                      | GLN20-75-S   | 20                   | 52  | 75  | 25 | -  | STCM160160-S   | 1.54             |
|                      | GLN25-105-S  | 25                   | 65  | 105 | 24 | 25 | STCM180160-S   | 2.5              |
| BT50-                | GLN32-110-S  | 32                   | 72  | 110 | 24 | 28 | STCM200160-S   | 2.84             |
|                      | GLN16-100-S  | 16                   | 48  | 100 | 24 | -  | STCM140160-S   | 4.21             |
|                      | GLN20-75-S   | 20                   | 52  | 75  | 25 | -  | STCM160160-S   | 3.95             |
|                      | GLN20-100-S  | 20                   | 52  | 100 | 25 | -  | STCM160160-S   | 4.28             |
|                      | GLN25-115-S  | 25                   | 65  | 115 | 24 | 25 | STCM180200-S   | 5.06             |
|                      | GLN25-150L-S | 25                   | 65  | 150 | 24 | 25 | STCM180200-S   | 5.89             |
|                      | GLN32-115-S  | 32                   | 72  | 115 | 24 | 28 | STCM200200-S   | 5.28             |
|                      | GLN32-150L-S | 32                   | 72  | 150 | 24 | 28 | STCM200200-S   | 6.39             |
|                      | GLN40-115-S  | 40                   | 90  | 115 | 30 | 32 | STCM200250-S   | 6.18             |
|                      | GLN50-125-S  | 50                   | 100 | 125 | 35 | 35 | STCM240250-S   | 6.94             |

注：筒夹与扳手需单独另购  
Notice: Collets and wrenches shall be ordered separately.

●标准库存Stock ○需预定Available upon Order

有扁尾莫氏圆锥孔刀柄  
Morse Taper Holder with Tang

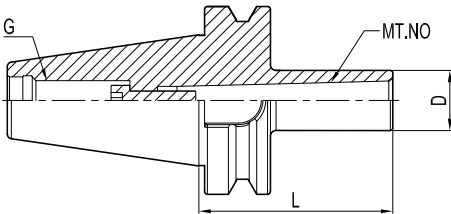
MTA



| 订货号<br>Ordering Code |            | 尺寸<br>Dimension (mm) |     |    |     | 重量<br>Weight(kg) |
|----------------------|------------|----------------------|-----|----|-----|------------------|
|                      |            | MT                   | L   | D  | G   |                  |
| BT30-                | MTA1-45-S  | 1                    | 45  | 25 | M12 | 0.39             |
|                      | MTA2-60-S  | 2                    | 60  | 32 | M12 | 0.46             |
|                      | MTA3-80-S  | 3                    | 80  | 40 | M12 | 0.60             |
| BT40-                | MTA1-45-S  | 1                    | 45  | 25 | M16 | 0.96             |
|                      | MTA1-120-S | 1                    | 120 | 25 | M16 | 1.27             |
|                      | MTA2-45-S  | 2                    | 45  | 32 | M16 | 0.96             |
|                      | MTA2-120-S | 2                    | 120 | 32 | M16 | 1.41             |
|                      | MTA3-75-S  | 3                    | 75  | 40 | M16 | 1.15             |
|                      | MTA3-135-S | 3                    | 135 | 40 | M16 | 1.72             |
|                      | MTA4-90-S  | 4                    | 90  | 50 | M16 | 1.33             |
| BT50-                | MTA1-45-S  | 1                    | 45  | 25 | M24 | 3.50             |
|                      | MTA1-120-S | 1                    | 120 | 25 | M24 | 3.86             |
|                      | MTA2-45-S  | 2                    | 45  | 32 | M24 | 3.44             |
|                      | MTA2-135-S | 2                    | 135 | 32 | M24 | 4.06             |
|                      | MTA2-180-S | 2                    | 180 | 32 | M24 | 4.36             |
|                      | MTA3-45-S  | 3                    | 45  | 40 | M24 | 3.99             |
|                      | MTA3-150-S | 3                    | 150 | 40 | M24 | 4.39             |
|                      | MTA3-180-S | 3                    | 180 | 40 | M24 | 4.69             |
|                      | MTA4-75-S  | 4                    | 75  | 50 | M24 | 3.36             |
|                      | MTA4-180-S | 4                    | 180 | 50 | M24 | 3.66             |
|                      | MTA5-105-S | 5                    | 105 | 70 | M24 | 4.08             |

无扁尾莫氏圆锥孔刀柄  
Morse Taper Holder without Tang

MTB

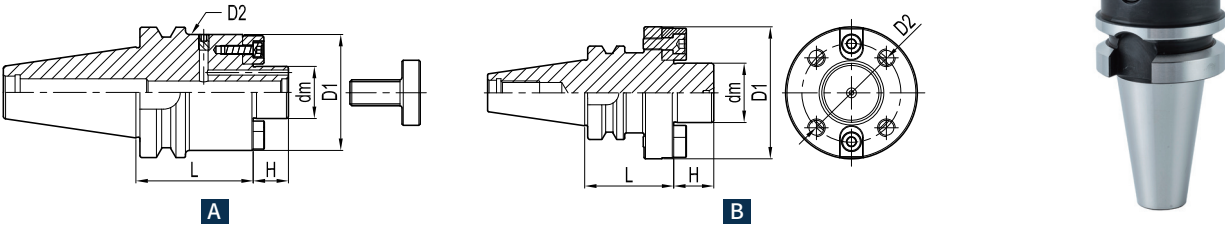


| 订货号<br>Ordering Code |            | 尺寸<br>Dimension (mm) |     |    |     | 重量<br>Weight(kg) |
|----------------------|------------|----------------------|-----|----|-----|------------------|
|                      |            | MT                   | L   | D  | G   |                  |
| BT40-                | MTB1-45-S  | 1                    | 45  | 25 | M16 | 1.01             |
|                      | MTB2-60-S  | 2                    | 60  | 32 | M16 | 1.09             |
|                      | MTB3-75-S  | 3                    | 75  | 40 | M16 | 1.22             |
|                      | MTB4-90-S  | 4                    | 90  | 50 | M16 | 1.26             |
| BT50-                | MTB1-45-S  | 1                    | 45  | 25 | M24 | 3.54             |
|                      | MTB2-45-S  | 2                    | 45  | 32 | M24 | 3.56             |
|                      | MTB3-60-S  | 3                    | 60  | 40 | M24 | 3.61             |
|                      | MTB4-75-S  | 4                    | 75  | 50 | M24 | 3.73             |
|                      | MTB5-120-S | 5                    | 120 | 65 | M24 | 4.30             |

注：报价时不含拉紧拉钉。  
Notice:Tension screw is not included.

面铣刀刀柄  
Face Mill Holder

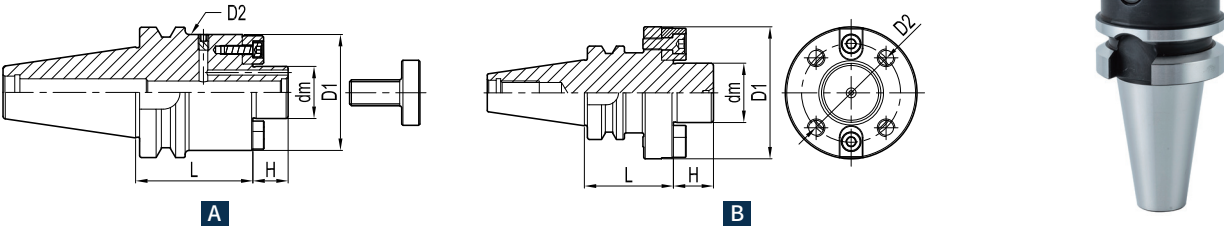
FMB



| 订货号<br>Ordering Code |               | 图示<br>Figure | 尺寸<br>Dimension (mm) |    |      |     |    | 压紧螺钉<br>Screw   | 重量<br>Weight(kg) |
|----------------------|---------------|--------------|----------------------|----|------|-----|----|-----------------|------------------|
|                      |               |              | dm                   | D1 | D2   | L   | H  |                 |                  |
| BT30-                | FMB16C-60-S   | A            | 16                   | 34 | -    | 60  | 17 | SCAM080300-S    | 0.7              |
|                      | FMB22C-45-S   | A            | 22                   | 42 | -    | 45  | 19 | SCAM100300-S    | 0.7              |
|                      | FMB27C-45-S   | A            | 27                   | 60 | -    | 45  | 21 | SXM27-S         | 1                |
|                      | FMB32C-50-S   | A            | 32                   | 78 | -    | 50  | 24 | SXM32-S         | 1.5              |
| BT40-                | FMB16C-60-S   | A            | 16                   | 34 | -    | 60  | 17 | SCAM080300-S    | 1.3              |
|                      | FMB16C-90-S   | A            | 16                   | 34 | -    | 90  | 17 | SCAM080300-S    | 1.5              |
|                      | FMB16C-120-S  | A            | 16                   | 34 | -    | 120 | 17 | SCAM080300-S    | 1.7              |
|                      | FMB22C-60-S   | A            | 22                   | 42 | -    | 60  | 19 | SCAM100300-S    | 1.4              |
|                      | FMB22C-90-S   | A            | 22                   | 42 | -    | 90  | 19 | SCAM100300-S    | 1.7              |
|                      | FMB22C-120-S  | A            | 22                   | 42 | -    | 120 | 19 | SCAM100300-S    | 2.1              |
|                      | FMB22C-150L-S | A            | 22                   | 42 | 60   | 150 | 19 | SCAM100300-S    | 3                |
|                      | FMB22C-200L-S | A            | 22                   | 42 | 60   | 200 | 19 | SCAM100300-S    | 3.8              |
|                      | FMB22C-250L-S | A            | 22                   | 42 | 60   | 250 | 19 | SCAM100300-S    | 4.6              |
|                      | FMB22C-300L-S | A            | 22                   | 42 | 60   | 300 | 19 | SCAM100300-S    | 5.5              |
|                      | FMB27C-60-S   | A            | 27                   | 60 | -    | 60  | 21 | SXM27-S         | 1.9              |
|                      | FMB27C-90-S   | A            | 27                   | 60 | -    | 90  | 21 | SXM27-S         | 2.5              |
|                      | FMB27C-120-S  | A            | 27                   | 60 | -    | 120 | 21 | SXM27-S         | 3.2              |
|                      | FMB32C-60-S   | A            | 32                   | 78 | -    | 60  | 24 | SXM32-S         | 2.3              |
|                      | FMB32C-100-S  | A            | 32                   | 78 | -    | 100 | 24 | SXM32-S         | 2.8              |
|                      | FMB40C-60-S   | A            | 40                   | 89 | -    | 60  | 27 | SXM40-S         | 2.7              |
|                      | FMC40C-60-S   | B            | 40                   | 89 | 66.7 | 60  | 27 | SCAM120450-S(4) | 5.0              |
| BT50-                | FMB16C-60-S   | A            | 16                   | 34 | -    | 60  | 17 | SCAM080300-S    | 3.7              |
|                      | FMB16C-90-S   | A            | 16                   | 34 | -    | 90  | 17 | SCAM080300-S    | 3.9              |
|                      | FMB16C-120-S  | A            | 16                   | 34 | -    | 120 | 17 | SCAM080300-S    | 4.1              |
|                      | FMB22C-60-S   | A            | 22                   | 42 | -    | 60  | 19 | SCAM100300-S    | 4                |
|                      | FMB22C-90-S   | A            | 22                   | 42 | -    | 90  | 19 | SCAM100300-S    | 4.2              |
|                      | FMB22C-150L-S | A            | 22                   | 42 | 60   | 150 | 19 | SCAM100300-S    | 5.5              |
|                      | FMB22C-200L-S | A            | 22                   | 42 | 60   | 200 | 19 | SCAM100300-S    | 6.2              |
|                      | FMB22C-250L-S | A            | 22                   | 42 | 60   | 250 | 19 | SCAM100300-S    | 7                |
|                      | FMB22C-300L-S | A            | 22                   | 42 | 60   | 300 | 19 | SCAM100300-S    | 7.8              |
|                      | FMB27C-60-S   | A            | 27                   | 60 | -    | 60  | 21 | SXM27-S         | 4.3              |

面铣刀刀柄  
Face Mill Holder

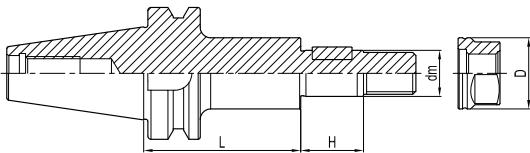
FMB



| 订货号<br>Ordering Code |               | 图示<br>Figure | 尺寸<br>Dimension (mm) |     |       |     |    | 压紧螺钉<br>Screw   | 重量<br>Weight(kg) |
|----------------------|---------------|--------------|----------------------|-----|-------|-----|----|-----------------|------------------|
|                      |               |              | dm                   | D1  | D2    | L   | H  |                 |                  |
| BT50-                | FMB27C-90-S   | A            | 27                   | 60  | -     | 90  | 21 | SXM27-S         | 4.8              |
|                      | FMB27C-120-S  | A            | 27                   | 60  | -     | 120 | 21 | SXM27-S         | 5.6              |
|                      | FMB27C-150L-S | A            | 27                   | 60  | 75    | 150 | 21 | SXM27-S         | 6.8              |
|                      | FMB27C-200L-S | A            | 27                   | 60  | 75    | 200 | 21 | SXM27-S         | 8.2              |
|                      | FMB27C-250L-S | A            | 27                   | 60  | 75    | 250 | 21 | SXM27-S         | 9.8              |
|                      | FMB27C-300L-S | A            | 27                   | 60  | 75    | 300 | 21 | SXM27-S         | 11               |
|                      | FMB32C-60-S   | A            | 32                   | 78  | -     | 60  | 24 | SXM32-S         | 4.7              |
|                      | FMB32C-90-S   | A            | 32                   | 78  | -     | 90  | 24 | SXM32-S         | 5.8              |
|                      | FMB32C-150-S  | A            | 32                   | 78  | -     | 150 | 24 | SXM32-S         | 8                |
|                      | FMB32C-200-S  | A            | 32                   | 78  | -     | 200 | 24 | SXM32-S         | 9.8              |
|                      | FMB40C-60-S   | A            | 40                   | 89  | -     | 60  | 27 | SXM40-S         | 5.2              |
|                      | FMB40C-75-S   | A            | 40                   | 89  | -     | 75  | 27 | SXM40-S         | 5.8              |
|                      | FMB40C-90-S   | A            | 40                   | 89  | -     | 90  | 27 | SXM40-S         | 6.5              |
|                      | FMB40C-120-S  | A            | 40                   | 89  | -     | 120 | 27 | SXM40-S         | 7.4              |
|                      | FMB40C-150-S  | A            | 40                   | 89  | -     | 150 | 27 | SXM40-S         | 8.6              |
|                      | FMB40C-200-S  | A            | 40                   | 89  | -     | 200 | 27 | SXM40-S         | 11.8             |
|                      | FMC40C-75-S   | B            | 40                   | 89  | 66.7  | 75  | 27 | SCAM120450-S(4) | 6.0              |
|                      | FMC60C-75-S   | B            | 60                   | 129 | 101.6 | 75  | 38 | SCAM160450-S(4) | 8                |

三面刃铣刀刀柄  
Soltting Cutter Holders

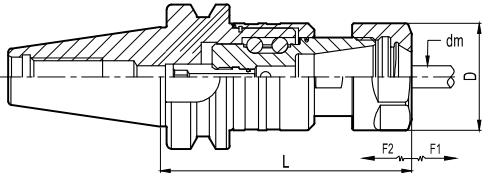
SC



| 订货号<br>Ordering Code |            | 尺寸<br>Dimension (mm) |    |     |    | 垫圈<br>Washer | 重量<br>Weight(kg) |
|----------------------|------------|----------------------|----|-----|----|--------------|------------------|
|                      |            | dm                   | D  | L   | H  |              |                  |
| BT40-                | SC22-75-S  | 22                   | 34 | 75  | 30 | SD22-S       | 1.7              |
|                      | SC22-120-S | 22                   | 34 | 120 | 30 | SD22-S       | 2.1              |
|                      | SC27-75-S  | 27                   | 40 | 75  | 30 | SD27-S       | 2                |
|                      | SC27-120-S | 27                   | 40 | 120 | 30 | SD27-S       | 2.5              |
|                      | SC32-90-S  | 32                   | 46 | 90  | 30 | SD32-S       | 2.6              |
| BT50-                | SC22-90-S  | 22                   | 34 | 90  | 30 | SD22-S       | 4.4              |
|                      | SC22-135-S | 22                   | 34 | 135 | 30 | SD22-S       | 4.6              |
|                      | SC27-90-S  | 27                   | 40 | 90  | 30 | SD27-S       | 4.7              |
|                      | SC27-135-S | 27                   | 40 | 135 | 30 | SD27-S       | 5.2              |
|                      | SC32-90-S  | 32                   | 46 | 90  | 30 | SD32-S       | 5                |
|                      | SC32-135-S | 32                   | 46 | 135 | 30 | SD32-S       | 5.7              |
|                      | SC40-90-S  | 40                   | 55 | 90  | 30 | SD40-S       | 6                |
|                      | SC40-135-S | 40                   | 55 | 135 | 30 | SD40-S       | 6.6              |
|                      | SC50-90-S  | 50                   | 69 | 90  | 30 | SD50-S       | 7.2              |
|                      | SC50-135-S | 50                   | 69 | 135 | 30 | SD50-S       | 8.6              |

一体式微补偿攻牙刀柄  
Tapping Chuck

V



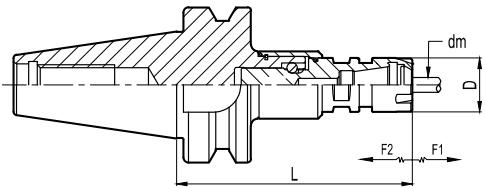
| 订货号<br>Ordering Code | 适用丝锥<br>Apply Taps    | 尺寸<br>Dimension (mm) |    |     |     |     | 螺母<br>Nuts   | 卡簧<br>Collets |
|----------------------|-----------------------|----------------------|----|-----|-----|-----|--------------|---------------|
|                      |                       | dm                   | D  | L   | F1  | F2  |              |               |
| BT30-V20-80-S        | M4~M12<br>(No.8~7/16) | 3~10                 | 34 | 80  | 0.5 | 0.5 | ER20-A-S     | ER20          |
| BT40-V20-85-S        |                       | 3~10                 | 34 | 85  | 0.5 | 0.5 | ER20-A-S     | ER20          |
| BT50-V20-100-S       |                       | 3~10                 | 34 | 100 | 0.5 | 0.5 | ER20-A-S     | ER20          |
| BT40-V32-100-S       | M4~M20<br>(No.8~3/4)  | 3~16                 | 50 | 100 | 0.5 | 0.5 | ER32-UM/RD-S | ER32          |
| BT50-V32-115-S       |                       | 3~16                 | 50 | 115 | 0.5 | 0.5 | ER32-UM/RD-S | ER32          |

注：筒夹和扳手需单独订购  
Notice: Collets and wrenches shall be ordered separately.



一体式微补偿攻牙刀柄  
Tapping Chuck

V



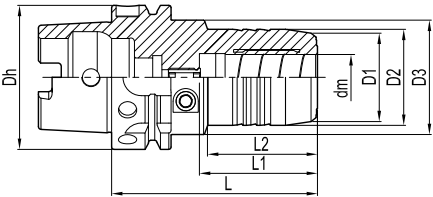
| 订货号<br>Ordering Code | 适用丝锥<br>Apply Taps | 尺寸<br>Dimension (mm) |    |    |     |     | 螺母<br>Nuts | 卡簧<br>Collets |
|----------------------|--------------------|----------------------|----|----|-----|-----|------------|---------------|
|                      |                    | dm                   | D  | L  | F1  | F2  |            |               |
| BT30-V11-70-S        | M1-M7              | 2.5-7                | 16 | 70 | 0.2 | 0.2 | ER11-M-S   | ER11          |

注：筒夹和扳手需单独订购  
Notice: Collets and wrenches shall be ordered separately.



液压刀柄  
Hydraulic Chuck

GHP



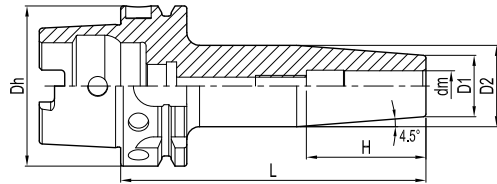
| 订货号<br>Ordering Code |             | 尺寸<br>Dimension (mm) |    |    |    |      |     |    |       | 筒夹<br>Collets | 重量<br>Weight(kg) |
|----------------------|-------------|----------------------|----|----|----|------|-----|----|-------|---------------|------------------|
|                      |             | Dh                   | dm | D1 | D2 | D3   | L   | L1 | L2    |               |                  |
| HSK40A-              | GHP06-70-S  | 40                   | 6  | 22 | 26 | 34   | 70  | 37 | 36    | -             | 0.4              |
|                      | GHP08-70-S  | 40                   | 8  | 24 | 28 | 50   | 70  | 37 | 36/24 | -             | 0.4              |
|                      | GHP10-75-S  | 40                   | 10 | 26 | 30 | 50   | 75  | 41 | 22    | -             | 0.5              |
|                      | GHP12-85-S  | 40                   | 12 | 28 | 32 | 50   | 85  | 46 | 30    | OD12          | 0.6              |
| HSK50A-              | GHP06-75-S  | 50                   | 6  | 22 | 26 | 42   | 75  | 37 | 28    | -             | 0.7              |
|                      | GHP08-75-S  | 50                   | 8  | 24 | 28 | 42   | 75  | 37 | 28    | -             | 0.7              |
|                      | GHP10-85-S  | 50                   | 10 | 26 | 30 | 42   | 85  | 41 | 43    | -             | 0.8              |
|                      | GHP12-85-S  | 50                   | 12 | 28 | 32 | 42   | 85  | 46 | 44    | OD12          | 0.8              |
|                      | GHP14-85-S  | 50                   | 14 | 30 | 34 | 56   | 85  | 46 | 28.5  | -             | 0.9              |
|                      | GHP16-90-S  | 50                   | 16 | 34 | 38 | 56   | 90  | 49 | 28.5  | -             | 1                |
|                      | GHP18-90-S  | 50                   | 18 | 36 | 40 | 53   | 90  | 51 | 30    | -             | 1.1              |
| HSK63A-              | GHP20-90-S  | 50                   | 20 | 38 | 42 | 59.5 | 90  | 51 | 29    | OD20          | 1.1              |
|                      | GHP06-70-S  | 63                   | 6  | 22 | 26 | 50   | 70  | 37 | 24    | -             | 1                |
|                      | GHP08-70-S  | 63                   | 8  | 24 | 28 | 50   | 70  | 37 | 25    | -             | 1                |
|                      | GHP10-80-S  | 63                   | 10 | 26 | 30 | 50   | 80  | 41 | 35    | -             | 1.1              |
|                      | GHP12-85-S  | 63                   | 12 | 28 | 32 | 50   | 85  | 46 | 40    | OD12          | 1.1              |
|                      | GHP14-85-S  | 63                   | 14 | 30 | 34 | 50   | 85  | 46 | 40    | -             | 1.1              |
|                      | GHP16-90-S  | 63                   | 16 | 34 | 38 | 50   | 90  | 49 | 46    | -             | 1.2              |
|                      | GHP18-90-S  | 63                   | 18 | 36 | 40 | 50   | 90  | 49 | 47    | -             | 1.2              |
|                      | GHP20-90-S  | 63                   | 20 | 38 | 42 | 50   | 90  | 51 | 48    | OD20          | 1.2              |
|                      | GHP25-120-S | 63                   | 25 | 53 | 57 | 63   | 120 | 57 | 59    | -             | 2.2              |
| HSK100A-             | GHP32-125-S | 63                   | 32 | 60 | 64 | 75   | 125 | 61 | 63    | OD32          | 2.6              |
|                      | GHP06-75-S  | 100                  | 6  | 22 | 26 | 50   | 75  | 37 | 26    | -             | 2.3              |
|                      | GHP08-75-S  | 100                  | 8  | 24 | 28 | 50   | 75  | 37 | 26    | -             | 2.4              |
|                      | GHP10-90-S  | 100                  | 10 | 26 | 30 | 50   | 90  | 41 | 42    | -             | 2.4              |
|                      | GHP12-95-S  | 100                  | 12 | 28 | 32 | 50   | 95  | 46 | 47    | OD12          | 2.5              |
|                      | GHP14-95-S  | 100                  | 14 | 30 | 34 | 50   | 95  | 46 | 47.6  | -             | 2.5              |
|                      | GHP16-100-S | 100                  | 16 | 34 | 38 | 50   | 100 | 49 | 53    | -             | 2.6              |
|                      | GHP18-100-S | 100                  | 18 | 36 | 40 | 50   | 100 | 49 | 53    | -             | 2.6              |
|                      | GHP20-105-S | 100                  | 20 | 38 | 42 | 50   | 105 | 51 | 59    | OD20          | 2.7              |
|                      | GHP25-110-S | 100                  | 25 | 53 | 57 | 63   | 110 | 57 | 62    | -             | 3.4              |
|                      | GHP32-110-S | 100                  | 32 | 60 | 64 | 75   | 110 | 61 | 62    | OD32          | 3.7              |

注：筒夹和扳手需单独订购  
Notice: Collets and Wrenches shall be ordered separately.

| 附件Accessories | dm=6      | dm=8 | dm=10 | dm=12 | dm=16 | dm=20 | dm=25     | dm=32 |
|---------------|-----------|------|-------|-------|-------|-------|-----------|-------|
| 扳手Hex Wrench  | TH05T-L-S |      |       |       |       |       | TH06T-L-S |       |

热装刀柄  
Shrink Fit Holder

SF



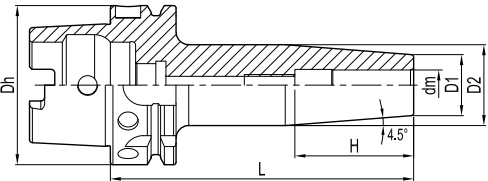
柄径公差  
h6



| 订货号<br>Ordering Code |            | 尺寸<br>Dimension (mm) |    |    |    |     |    | 重量<br>Weight(kg) |
|----------------------|------------|----------------------|----|----|----|-----|----|------------------|
|                      |            | Dh                   | dm | D1 | D2 | L   | H  |                  |
| HSK50A-              | SF03-60-S  | 50                   | 3  | 10 | -  | 60  | -  | 0.5              |
|                      | SF04-60-S  | 50                   | 4  | 10 | -  | 60  | -  | 0.5              |
|                      | SF05-60-S  | 50                   | 5  | 10 | -  | 60  | -  | 0.5              |
|                      | SF06-80-S  | 50                   | 6  | 21 | 27 | 80  | 36 | 0.6              |
|                      | SF08-80-S  | 50                   | 8  | 21 | 27 | 80  | 36 | 0.6              |
|                      | SF10-85-S  | 50                   | 10 | 24 | 32 | 85  | 42 | 0.7              |
|                      | SF12-90-S  | 50                   | 12 | 24 | 32 | 90  | 47 | 0.7              |
|                      | SF16-95-S  | 50                   | 16 | 27 | 34 | 95  | 47 | 0.7              |
| HSK63A-              | SF03-80-S  | 63                   | 3  | 10 | -  | 80  | -  | 0.7              |
|                      | SF04-80-S  | 63                   | 4  | 10 | -  | 80  | -  | 0.7              |
|                      | SF05-80-S  | 63                   | 5  | 10 | -  | 80  | -  | 0.7              |
|                      | SF06-80-S  | 63                   | 6  | 21 | 27 | 80  | 36 | 0.8              |
|                      | SF06-120-S | 63                   | 6  | 21 | 27 | 120 | 36 | 0.9              |
|                      | SF06-160-S | 63                   | 6  | 21 | 32 | 160 | 36 | 1.2              |
|                      | SF08-80-S  | 63                   | 8  | 21 | 27 | 80  | 36 | 0.6              |
|                      | SF08-120-S | 63                   | 8  | 21 | 27 | 120 | 36 | 0.9              |
|                      | SF08-160-S | 63                   | 8  | 21 | 32 | 160 | 36 | 1.2              |
|                      | SF10-85-S  | 63                   | 10 | 24 | 32 | 85  | 42 | 0.9              |
|                      | SF10-120-S | 63                   | 10 | 24 | 32 | 120 | 42 | 0.8              |
|                      | SF10-160-S | 63                   | 10 | 24 | 34 | 160 | 42 | 1.1              |
|                      | SF12-90-S  | 63                   | 12 | 24 | 32 | 90  | 47 | 0.9              |
|                      | SF12-120-S | 63                   | 12 | 24 | 32 | 120 | 47 | 1                |
|                      | SF12-160-S | 63                   | 12 | 24 | 34 | 160 | 47 | 1.3              |
|                      | SF14-90-S  | 63                   | 14 | 27 | 34 | 90  | 47 | 1                |
|                      | SF14-120-S | 63                   | 14 | 27 | 34 | 120 | 47 | 1.1              |
|                      | SF14-160-S | 63                   | 14 | 27 | 42 | 160 | 47 | 1.5              |
|                      | SF16-95-S  | 63                   | 16 | 27 | 34 | 95  | 50 | 0.9              |
|                      | SF16-120-S | 63                   | 16 | 27 | 34 | 120 | 50 | 1                |
|                      | SF16-160-S | 63                   | 16 | 27 | 42 | 160 | 50 | 1.5              |
|                      | SF18-95-S  | 63                   | 18 | 33 | 42 | 95  | 50 | 1.2              |
|                      | SF18-120-S | 63                   | 18 | 33 | 42 | 120 | 50 | 1.3              |

热装刀柄  
Shrink Fit Holder

SF

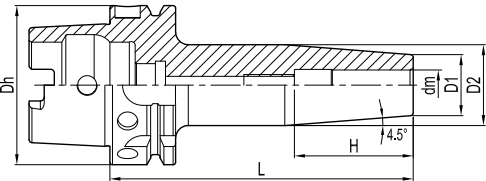


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| 订货号<br>Ordering Code |            | 尺寸<br>Dimension (mm) |    |    |    |     |    | 重量<br>Weight(kg) |
|----------------------|------------|----------------------|----|----|----|-----|----|------------------|
|                      |            | Dh                   | dm | D1 | D2 | L   | H  |                  |
| HSK63A-              | SF18-160-S | 63                   | 18 | 33 | 51 | 160 | 50 | 1.9              |
|                      | SF20-100-S | 63                   | 20 | 33 | 42 | 100 | 52 | 0.9              |
|                      | SF20-120-S | 63                   | 20 | 33 | 42 | 120 | 52 | 1.2              |
|                      | SF20-160-S | 63                   | 20 | 33 | 51 | 160 | 52 | 1.7              |
|                      | SF25-115-S | 63                   | 25 | 44 | 53 | 115 | 58 | 1.5              |
|                      | SF25-130-S | 63                   | 25 | 44 | 53 | 130 | 58 | 1.4              |
|                      | SF25-160-S | 63                   | 25 | 44 | 53 | 160 | 58 | 1.9              |
|                      | SF32-120-S | 63                   | 32 | 44 | 53 | 120 | 58 | 1.3              |
|                      | SF32-160-S | 63                   | 32 | 44 | 53 | 160 | 58 | 2.3              |
| HSK100A-             | SF06-85-S  | 100                  | 6  | 21 | 27 | 85  | 36 | 2.2              |
|                      | SF06-120-S | 100                  | 6  | 21 | 27 | 120 | 36 | 2.3              |
|                      | SF06-160-S | 100                  | 6  | 21 | 32 | 160 | 36 | 2.6              |
|                      | SF08-85-S  | 100                  | 8  | 21 | 27 | 85  | 36 | 2                |
|                      | SF08-120-S | 100                  | 8  | 21 | 27 | 120 | 36 | 2.3              |
|                      | SF08-160-S | 100                  | 8  | 21 | 32 | 160 | 36 | 2.6              |
|                      | SF10-90-S  | 100                  | 10 | 24 | 32 | 90  | 42 | 2.3              |
|                      | SF10-120-S | 100                  | 10 | 24 | 32 | 120 | 42 | 2.2              |
|                      | SF10-160-S | 100                  | 10 | 24 | 34 | 160 | 42 | 2.5              |
|                      | SF12-95-S  | 100                  | 12 | 24 | 32 | 95  | 47 | 2.3              |
|                      | SF12-120-S | 100                  | 12 | 24 | 32 | 120 | 47 | 2.4              |
|                      | SF12-160-S | 100                  | 12 | 24 | 34 | 160 | 47 | 2.7              |
|                      | SF14-95-S  | 100                  | 14 | 27 | 34 | 95  | 47 | 2.4              |
|                      | SF14-120-S | 100                  | 14 | 27 | 34 | 120 | 47 | 2.5              |
|                      | SF14-160-S | 100                  | 14 | 27 | 42 | 160 | 47 | 2.9              |
|                      | SF16-100-S | 100                  | 16 | 27 | 34 | 100 | 50 | 2.3              |
|                      | SF16-120-S | 100                  | 16 | 27 | 34 | 120 | 50 | 2.4              |
|                      | SF16-160-S | 100                  | 16 | 27 | 42 | 160 | 50 | 2.9              |
|                      | SF18-100-S | 100                  | 18 | 33 | 42 | 100 | 50 | 2.6              |
|                      | SF18-120-S | 100                  | 18 | 33 | 42 | 120 | 50 | 2.7              |
|                      | SF18-160-S | 100                  | 18 | 33 | 51 | 160 | 50 | 3.3              |
|                      | SF20-105-S | 100                  | 20 | 33 | 42 | 105 | 52 | 2.4              |

热装刀柄  
Shrink Fit Holder

SF



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| 订货号<br>Ordering Code |            | 尺寸<br>Dimension (mm) |    |    |    |     |    | 重量<br>Weight(kg) |
|----------------------|------------|----------------------|----|----|----|-----|----|------------------|
|                      |            | Dh                   | dm | D1 | D2 | L   | H  |                  |
| HSK100A-             | SF20-120-S | 100                  | 20 | 33 | 42 | 120 | 52 | 2.7              |
|                      | SF20-160-S | 100                  | 20 | 33 | 51 | 160 | 52 | 3.2              |
|                      | SF25-115-S | 100                  | 25 | 44 | 53 | 115 | 58 | 2.9              |
|                      | SF25-130-S | 100                  | 25 | 44 | 53 | 130 | 58 | 2.8              |
|                      | SF25-160-S | 100                  | 25 | 44 | 60 | 160 | 58 | 3.3              |
|                      | SF32-120-S | 100                  | 32 | 44 | 53 | 120 | 58 | 2.7              |
|                      | SF32-160-S | 100                  | 32 | 44 | 60 | 160 | 58 | 3.7              |

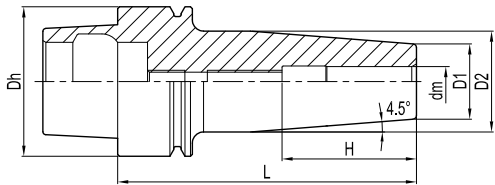
特点  
Feature

|                   |                         |
|-------------------|-------------------------|
| 动平衡设定<br>Balanced | 3D处径向跳动<br>Runout (X3D) |
| G2.5; 25,000 rpm  | < 0.003 mm              |



热装刀柄  
Shrink Fit Holder

SF



柄径公差  
h6

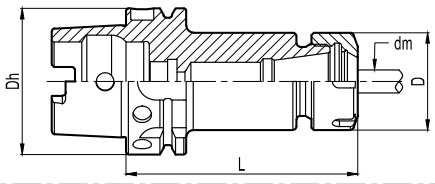
| 订货号<br>Ordering Code |           | 尺寸<br>Dimension (mm) |    |    |    |    |    | 重量<br>Weight(kg) |
|----------------------|-----------|----------------------|----|----|----|----|----|------------------|
|                      |           | Dh                   | dm | D1 | D2 | L  | H  |                  |
| HSK40E-              | SF03-60-S | 40                   | 3  | 10 | -  | 60 | -  | 0.4              |
|                      | SF04-60-S | 40                   | 4  | 10 | -  | 60 | -  | 0.4              |
|                      | SF05-60-S | 40                   | 5  | 10 | -  | 60 | -  | 0.4              |
|                      | SF06-60-S | 40                   | 6  | 21 | 27 | 60 | 36 | 0.4              |
|                      | SF08-80-S | 40                   | 8  | 21 | 27 | 80 | 36 | 0.4              |
|                      | SF10-80-S | 40                   | 10 | 24 | 32 | 80 | 42 | 0.5              |
|                      | SF12-90-S | 40                   | 12 | 24 | 32 | 90 | 47 | 0.5              |
|                      | SF14-90-S | 40                   | 14 | 27 | 34 | 90 | 47 | 0.6              |
|                      | SF16-90-S | 40                   | 16 | 27 | 34 | 90 | 50 | 0.5              |

特点  
Feature

| 动平衡设定<br>Balanced | 3D处径向跳动<br>Runout (X3D) |
|-------------------|-------------------------|
| G2.5; 25,000 rpm  | <0.003 mm               |

ER弹性筒夹刀柄  
Spring Collet Chuck

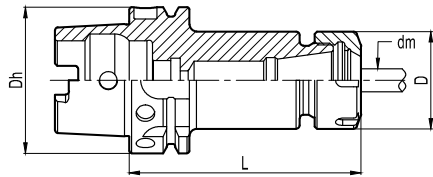
ER



| 订货号<br>Ordering Code |            | 尺寸<br>Dimension (mm) |        |    |     | 重量<br>Weight(kg) |
|----------------------|------------|----------------------|--------|----|-----|------------------|
|                      |            | Dh                   | dm     | D  | L   |                  |
| HSK40A-              | ER20-80-S  | 40                   | 1.0~13 | 34 | 80  | 0.5              |
|                      | ER25-80-S  | 40                   | 1.0~16 | 42 | 80  | 0.6              |
|                      | ER32-100-S | 40                   | 2.0~20 | 50 | 100 | 1                |
| HSK50A-              | ER16-75-S  | 50                   | 0.5~10 | 28 | 75  | 0.6              |
|                      | ER16-100-S | 50                   | 0.5~10 | 28 | 100 | 0.7              |
|                      | ER20-75-S  | 50                   | 1.0~13 | 34 | 75  | 0.7              |
|                      | ER20-100-S | 50                   | 1.0~13 | 34 | 100 | 0.8              |
|                      | ER25-80-S  | 50                   | 1.0~16 | 42 | 80  | 0.8              |
|                      | ER25-100-S | 50                   | 1.0~16 | 42 | 100 | 1                |
|                      | ER25-135-S | 50                   | 1.0~16 | 42 | 135 | 1.1              |
|                      | ER32-100-S | 50                   | 2.0~20 | 50 | 100 | 1.2              |
|                      | ER32-135-S | 50                   | 2.0~20 | 50 | 135 | 1.5              |
|                      | ER32-160-S | 50                   | 2.0~20 | 50 | 160 | 2.1              |
| HSK63A-              | ER11-75-S  | 63                   | 0.5~7  | 19 | 75  | 0.7              |
|                      | ER16-80-S  | 63                   | 0.5~10 | 28 | 80  | 0.8              |
|                      | ER16-100-S | 63                   | 0.5~10 | 28 | 100 | 0.9              |
|                      | ER16-120-S | 63                   | 0.5~10 | 28 | 120 | 1                |
|                      | ER16-160-S | 63                   | 0.5~10 | 28 | 160 | 1.2              |
|                      | ER20-80-S  | 63                   | 1.0~13 | 34 | 80  | 0.9              |
|                      | ER20-100-S | 63                   | 1.0~13 | 34 | 100 | 1                |
|                      | ER20-120-S | 63                   | 1.0~13 | 34 | 120 | 1.2              |
|                      | ER20-160-S | 63                   | 1.0~13 | 34 | 160 | 1.4              |
|                      | ER25-80-S  | 63                   | 1.0~16 | 42 | 80  | 1                |
|                      | ER25-100-S | 63                   | 1.0~16 | 42 | 100 | 1.2              |
|                      | ER25-120-S | 63                   | 1.0~16 | 42 | 120 | 1.4              |
|                      | ER25-150-S | 63                   | 1.0~16 | 42 | 150 | 1.7              |
|                      | ER32-80-S  | 63                   | 2.0~20 | 50 | 80  | 1.2              |
|                      | ER32-100-S | 63                   | 2.0~20 | 50 | 100 | 1.4              |
|                      | ER32-120-S | 63                   | 2.0~20 | 50 | 120 | 1.7              |
|                      | ER32-160-S | 63                   | 2.0~20 | 50 | 160 | 2.3              |
|                      | ER40-80-S  | 63                   | 3.0~26 | 63 | 80  | 1.2              |

ER弹性筒夹刀柄  
Spring Collet Chuck

ER

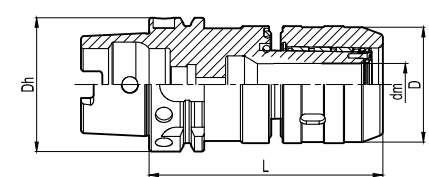


| 订货号<br>Ordering Code |            | 尺寸<br>Dimension (mm) |        |    |     | 重量<br>Weight(kg) |
|----------------------|------------|----------------------|--------|----|-----|------------------|
|                      |            | Dh                   | dm     | D  | L   |                  |
| HSK63A-              | ER40-100-S | 63                   | 3.0~26 | 63 | 100 | 1.5              |
|                      | ER40-120-S | 63                   | 3.0~26 | 63 | 120 | 1.7              |
|                      | ER40-160-S | 63                   | 3.0~26 | 63 | 160 | 2.3              |
| HSK100A-             | ER16-100-S | 100                  | 0.5~10 | 28 | 100 | 2.3              |
|                      | ER16-160-S | 100                  | 0.5~10 | 28 | 160 | 2.5              |
|                      | ER20-100-S | 100                  | 1.0~13 | 34 | 100 | 2.4              |
|                      | ER20-160-S | 100                  | 1.0~13 | 34 | 160 | 2.7              |
|                      | ER25-100-S | 100                  | 1.0~16 | 42 | 100 | 2.5              |
|                      | ER25-160-S | 100                  | 1.0~16 | 42 | 160 | 3.1              |
|                      | ER25-200-S | 100                  | 1.0~16 | 42 | 200 | 3.5              |
|                      | ER32-100-S | 100                  | 2.0~20 | 50 | 100 | 2.7              |
|                      | ER32-160-S | 100                  | 2.0~20 | 50 | 160 | 3.6              |
|                      | ER32-200-S | 100                  | 2.0~20 | 50 | 200 | 4.1              |
|                      | ER40-100-S | 100                  | 3.0~26 | 63 | 100 | 3.1              |
|                      | ER40-120-S | 100                  | 3.0~26 | 63 | 120 | 3.5              |
|                      | ER40-160-S | 100                  | 3.0~26 | 63 | 160 | 4.4              |
|                      | ER40-200-S | 100                  | 3.0~26 | 63 | 200 | 5.2              |

注：筒夹与扳手需单独另购  
Notice: Collets and wrenches shall be ordered separately.

强力筒夹刀柄  
Power Milling Chuck For Heavy Duty

GLC



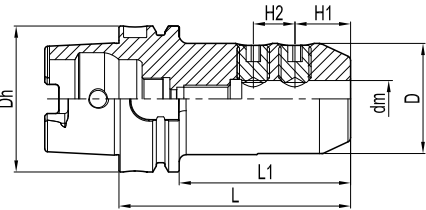
| 订货号<br>Ordering Code |             | 范围<br>Range(mm) | 尺寸<br>Dimension (mm) |    |    |     | 筒夹<br>Collets | 重量<br>Weight(kg) |
|----------------------|-------------|-----------------|----------------------|----|----|-----|---------------|------------------|
|                      |             |                 | Dh                   | dm | D  | L   |               |                  |
| HSK63A-              | GLC20-105-S | 6-20            | 63                   | 20 | 52 | 105 | GC20          | 2.3              |
| HSK63A-              | GLC25-110-S | 6-25            | 63                   | 25 | 60 | 110 | GC25          | 2.5              |
| HSK63A-              | GLC32-115-S | 6-32            | 63                   | 32 | 69 | 115 | GC32          | 2.7              |
| HSK100A-             | GLC20-110-S | 6-20            | 100                  | 20 | 52 | 110 | GC20          | 2.7              |
| HSK100A-             | GLC25-115-S | 6-25            | 100                  | 25 | 60 | 115 | GC25          | 2.8              |
| HSK100A-             | GLC32-120-S | 6-32            | 100                  | 32 | 69 | 120 | GC32          | 2.9              |
| HSK100A-             | GLC42-120-S | 6-42            | 100                  | 42 | 86 | 120 | GC42          | 3.1              |

注：筒夹与扳手需单独另购  
Notice: Collets and wrenches shall be ordered separately.



侧固式刀柄  
Side-lock Holder

GLN

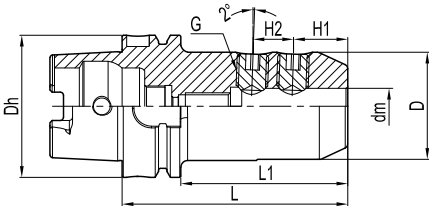


| 订货号<br>Ordering Code |             | 尺寸<br>Dimension (mm) |    |    |     |    |    |    | 侧固螺钉<br>Screws | 重量<br>Weight(kg) |
|----------------------|-------------|----------------------|----|----|-----|----|----|----|----------------|------------------|
|                      |             | Dh                   | dm | D  | L   | L1 | H1 | H2 |                |                  |
| HSK63A-              | GLN16-80-S  | 63                   | 16 | 48 | 80  | 54 | 24 | -  | STCM140160-S   | 1.2              |
|                      | GLN20-80-S  | 63                   | 20 | 52 | 80  | 54 | 25 | -  | STCM160160-S   | 1.3              |
|                      | GLN25-110-S | 63                   | 25 | 65 | 110 | 84 | 24 | 25 | STCM180200-S   | 2.24             |
|                      | GLN32-110-S | 63                   | 32 | 72 | 110 | 84 | 24 | 28 | STCM200200-S   | 2.24             |
| HSK100A-             | GLN16-100-S | 100                  | 16 | 48 | 100 | 71 | 24 | -  | STCM140160-S   | 2.82             |
|                      | GLN20-100-S | 100                  | 20 | 52 | 100 | 71 | 25 | -  | STCM160160-S   | 2.93             |
|                      | GLN25-100-S | 100                  | 25 | 65 | 100 | 81 | 24 | 25 | STCM180200-S   | 3.5              |
|                      | GLN32-100-S | 100                  | 32 | 72 | 100 | 71 | 24 | 28 | STCM200200-S   | 3.7              |

注：扳手需单独订购。  
Notice: wrenches shall be ordered separately.

侧固式刀柄 (2°)  
Side-lock Holder (2°)

GLNB

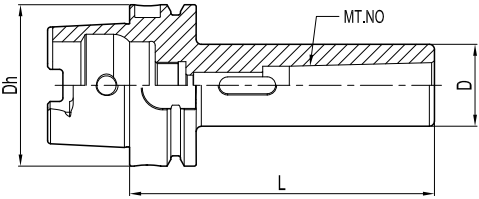


| 订货号<br>Ordering Code |              | 尺寸<br>Dimension (mm) |    |    |     |    |    |      | 侧固螺钉<br>Screws | 重量<br>Weight(kg) |
|----------------------|--------------|----------------------|----|----|-----|----|----|------|----------------|------------------|
|                      |              | Dh                   | dm | D  | L   | L1 | H1 | H2   |                |                  |
| HSK63A-              | GLNB16-100-S | 63                   | 16 | 48 | 100 | 74 | 24 | -    | STCM140160-S   | 1.51             |
|                      | GLNB20-100-S | 63                   | 20 | 52 | 100 | 74 | 25 | -    | STCM160160-S   | 1.65             |
|                      | GLNB25-110-S | 63                   | 25 | 65 | 110 | 84 | 24 | 65.5 | STCM180200-S   | 2.23             |
|                      | GLNB32-110-S | 63                   | 32 | 72 | 110 | 84 | 24 | 65.5 | STCM200200-S   | 2.43             |
|                      | GLNB16-100-S | 100                  | 16 | 48 | 100 | 71 | 24 | -    | STCM140160-S   | 2.88             |
| HSK100A-             | GLNB20-110-S | 100                  | 20 | 52 | 110 | 81 | 25 | -    | STCM160160-S   | 3.1              |
|                      | GLNB25-120-S | 100                  | 25 | 65 | 120 | 91 | 24 | -    | STCM180200-S   | 3.91             |
|                      | GLNB32-120-S | 100                  | 32 | 72 | 120 | 91 | 24 | -    | STCM200200-S   | 4.32             |
|                      |              |                      |    |    |     |    |    |      |                |                  |

注：扳手需单独订购。  
Notice: wrenches shall be ordered separately.

有扁尾莫氏圆锥孔刀柄  
Morse Taper Holder with Tang

MTA

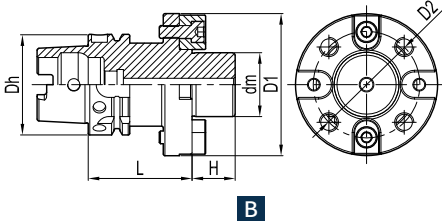
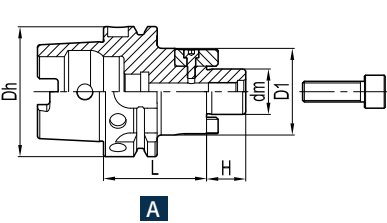


| 订货号<br>Ordering Code |            | MT | 尺寸<br>Dimension (mm) |    |     | 重量<br>Weight(kg) |
|----------------------|------------|----|----------------------|----|-----|------------------|
|                      |            |    | Dh                   | D  | L   |                  |
| HSK63A-              | MTA1-100-S | 1  | 63                   | 25 | 100 | 0.88             |
|                      | MTA2-120-S | 2  | 63                   | 32 | 120 | 1.09             |
|                      | MTA3-140-S | 3  | 63                   | 40 | 140 | 1.45             |
|                      | MTA4-160-S | 4  | 63                   | 48 | 160 | 1.89             |
| HSK100A-             | MTA1-110-S | 1  | 100                  | 25 | 110 | 2.23             |
|                      | MTA2-120-S | 2  | 100                  | 32 | 120 | 2.39             |
|                      | MTA3-150-S | 3  | 100                  | 40 | 150 | 2.83             |
|                      | MTA4-170-S | 4  | 100                  | 48 | 170 | 3.31             |
|                      | MTA5-200-S | 5  | 100                  | 63 | 200 | 4.6              |

注：扳手需单独订购。  
Notice: wrenches shall be ordered separately.

面铣刀刀柄  
Face Mill Holder

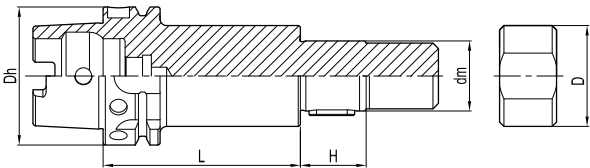
FMB



| 订货号<br>Ordering Code |              | 图示<br>Figure | 尺寸<br>Dimension (mm) |    |     |       |     |    | 压紧螺钉<br>Screw   | 重量<br>Weight(kg) |
|----------------------|--------------|--------------|----------------------|----|-----|-------|-----|----|-----------------|------------------|
|                      |              |              | Dh                   | dm | D1  | D2    | L   | H  |                 |                  |
| HSK63A-              | FMB16C-50-S  | A            | 63                   | 16 | 34  | -     | 50  | 17 | SCAM080300-S    | 0.8              |
|                      | FMB16C-100-S | A            | 63                   | 16 | 34  | -     | 100 | 17 | SCAM080300-S    | 1.2              |
|                      | FMB22C-50-S  | A            | 63                   | 22 | 42  | -     | 50  | 19 | SCAM100300-S    | 1                |
|                      | FMB22C-100-S | A            | 63                   | 22 | 42  | -     | 100 | 19 | SCAM100300-S    | 1.5              |
|                      | FMB27C-60-S  | A            | 63                   | 27 | 60  | -     | 60  | 21 | SXM27-S         | 1.4              |
|                      | FMB27C-100-S | A            | 63                   | 27 | 60  | -     | 100 | 21 | SXM27-S         | 2.1              |
|                      | FMB32C-60-S  | A            | 63                   | 32 | 78  | -     | 60  | 24 | SXM32-S         | 1.8              |
|                      | FMB32C-100-S | A            | 63                   | 32 | 78  | -     | 100 | 24 | SXM32-S         | 2.4              |
|                      | FMB40C-60-S  | A            | 63                   | 40 | 89  | -     | 60  | 27 | SXM40-S         | 2.3              |
| HSK100A-             | FMB22C-50-S  | A            | 100                  | 22 | 42  | -     | 50  | 19 | SCAM100300-S    | 2.3              |
|                      | FMB22C-100-S | A            | 100                  | 22 | 42  | -     | 100 | 19 | SCAM100300-S    | 2.8              |
|                      | FMB27C-50-S  | A            | 100                  | 27 | 60  | -     | 50  | 21 | SXM27-S         | 2.6              |
|                      | FMB27C-100-S | A            | 100                  | 27 | 60  | -     | 100 | 21 | SXM27-S         | 3.7              |
|                      | FMB32C-50-S  | A            | 100                  | 32 | 78  | -     | 50  | 24 | SXM32-S         | 3                |
|                      | FMB32C-100-S | A            | 100                  | 32 | 78  | -     | 100 | 24 | SXM32-S         | 4.9              |
|                      | FMB40C-60-S  | A            | 100                  | 40 | 89  | -     | 60  | 27 | SXM40-S         | 3.9              |
|                      | FMB40C-75-S  | A            | 100                  | 40 | 89  | -     | 75  | 27 | SXM40-S         | 4.5              |
|                      | FMB40C-100-S | A            | 100                  | 40 | 89  | -     | 100 | 27 | SXM40-S         | 5.4              |
|                      | FMC40C-75-S  | B            | 100                  | 40 | 89  | 66.7  | 75  | 27 | SCAM120450-S(4) | 5.0              |
|                      | FMC60C-75-S  | B            | 100                  | 60 | 129 | 101.6 | 75  | 38 | SCAM160450-S(4) | 6.6              |

三面刃铣刀刀柄  
Soltting Cutter Holders

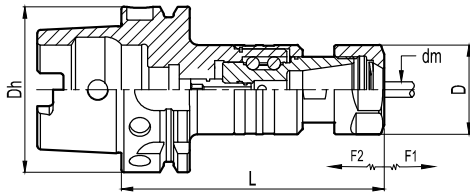
SC



| 订货号<br>Ordering Code |            | 尺寸<br>Dimension (mm) |    |    |     |    | 垫圈<br>Washer | 重量<br>Weight(kg) |
|----------------------|------------|----------------------|----|----|-----|----|--------------|------------------|
|                      |            | Dh                   | dm | D  | L   | H  |              |                  |
| HSK63A-              | SC13-75-S  | 63                   | 13 | 20 | 75  | 30 | SD13-S       | 0.9              |
|                      | SC16-90-S  | 63                   | 16 | 26 | 90  | 30 | SD16-S       | 1.1              |
|                      | SC16-120-S | 63                   | 16 | 26 | 120 | 30 | SD16-S       | 1.1              |
|                      | SC22-90-S  | 63                   | 22 | 34 | 90  | 30 | SD22-S       | 1.5              |
|                      | SC22-135-S | 63                   | 22 | 34 | 135 | 30 | SD22-S       | 1.8              |
|                      | SC27-90-S  | 63                   | 27 | 40 | 90  | 30 | SD27-S       | 1.8              |
|                      | SC27-135-S | 63                   | 27 | 40 | 135 | 30 | SD27-S       | 2.3              |
|                      | SC32-90-S  | 63                   | 32 | 46 | 90  | 30 | SD32-S       | 2.3              |
|                      | SC32-135-S | 63                   | 32 | 46 | 135 | 30 | SD32-S       | 2.9              |
|                      | SC40-90-S  | 100                  | 40 | 55 | 90  | 30 | SD40-S       | 4.4              |
| HSK100A-             | SC13-75-S  | 100                  | 13 | 20 | 75  | 30 | SD13-S       | 2.2              |
|                      | SC16-90-S  | 100                  | 16 | 26 | 90  | 30 | SD16-S       | 2.3              |
|                      | SC16-120-S | 100                  | 16 | 26 | 120 | 30 | SD16-S       | 2.6              |
|                      | SC22-90-S  | 100                  | 22 | 34 | 90  | 30 | SD22-S       | 2.9              |
|                      | SC22-135-S | 100                  | 22 | 34 | 135 | 30 | SD22-S       | 3.2              |
|                      | SC27-90-S  | 100                  | 27 | 40 | 90  | 30 | SD27-S       | 3.1              |
|                      | SC27-135-S | 100                  | 27 | 40 | 135 | 30 | SD27-S       | 3.6              |
|                      | SC32-90-S  | 100                  | 32 | 46 | 90  | 30 | SD32-S       | 3.6              |
|                      | SC32-135-S | 100                  | 32 | 46 | 135 | 30 | SD32-S       | 4.2              |
|                      | SC40-135-S | 100                  | 40 | 55 | 135 | 30 | SD40-S       | 5.2              |

一体式微补偿攻牙刀柄  
Tapping Chuck

V



| 订货号<br>Ordering Code | 适用丝锥<br>Apply Taps    | 尺寸<br>Dimension (mm) |      |    |     |     |     | 螺帽<br>Nuts   | 筒夹Collets |
|----------------------|-----------------------|----------------------|------|----|-----|-----|-----|--------------|-----------|
|                      |                       | Dh                   | dm   | D  | L   | F1  | F2  |              |           |
| HSK63A-V20-100-S     | M4~M12<br>(No.8~7/16) | 63                   | 3~10 | 34 | 100 | 0.5 | 0.5 | ER20-A-S     | ER20      |
| HSK100A-V20-110-S    |                       | 100                  | 3~10 | 34 | 110 | 0.5 | 0.5 | ER20-A-S     | ER20      |
| HSK63A-V32-120-S     | M4~M20<br>(No.8~3/4)  | 63                   | 3~16 | 50 | 120 | 0.5 | 0.5 | ER32-UM/RD-S | ER32      |
| HSK100A-V32-130-S    |                       | 100                  | 3~16 | 50 | 130 | 0.5 | 0.5 | ER32-UM/RD-S | ER32      |

注：筒夹和扳手需单独订购  
Notice: Collets and wrenches shall be ordered separately.

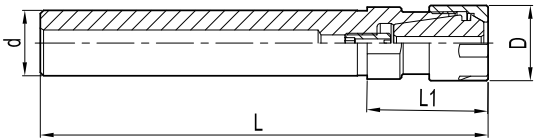


TOOLING SYSTEM



C 配件  
ACCESSORIES

ER弹性筒夹延长杆  
ER Collet Chucks Extensions

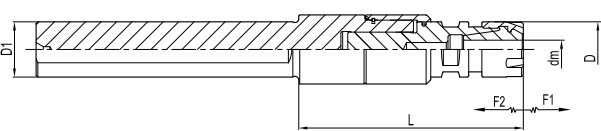


| 订货号<br>Ordering Code |             | 尺寸<br>Dimension (mm) |    |    |     | 螺帽<br>Nuts | 筒夹<br>Collets | 重量<br>Weight(kg) |
|----------------------|-------------|----------------------|----|----|-----|------------|---------------|------------------|
|                      |             | D                    | d  | L1 | L   |            |               |                  |
| C12-                 | ER11M-100-S | 16                   | 12 | 25 | 125 | ER11-M-S   | ER11          | 0.12             |
|                      | ER11M-150-S | 16                   | 12 | 25 | 175 | ER11-M-S   | ER11          | 0.14             |
| C16-                 | ER11M-100-S | 16                   | 16 | 25 | 125 | ER11-M-S   | ER11          | 0.14             |
|                      | ER11M-150-S | 16                   | 16 | 25 | 175 | ER11-M-S   | ER11          | 0.22             |
|                      | ER16M-100-S | 22                   | 16 | 36 | 136 | ER16-M-S   | ER16          | 0.15             |
| C20-                 | ER16M-150-S | 22                   | 16 | 36 | 186 | ER16-M-S   | ER16          | 0.21             |
|                      | ER16M-100-S | 22                   | 20 | 36 | 136 | ER16-M-S   | ER16          | 0.24             |
|                      | ER16M-150-S | 22                   | 20 | 36 | 186 | ER16-M-S   | ER16          | 0.33             |
|                      | ER20M-100-S | 28                   | 20 | 42 | 142 | ER20-M-S   | ER20          | 0.23             |
|                      | ER20M-150-S | 28                   | 20 | 42 | 192 | ER20-M-S   | ER20          | 0.32             |
|                      | ER20M-200-S | 28                   | 20 | 42 | 242 | ER20-M-S   | ER20          | 0.53             |
| C25-                 | ER25M-100-S | 35                   | 20 | 50 | 150 | ER25-M-S   | ER25          | 0.55             |
|                      | ER20M-150-S | 28                   | 25 | 42 | 192 | ER20-M-S   | ER20          | 0.50             |

注：筒夹和扳手需单独订购  
Notice: Collets and wrenches shall be ordered separately.

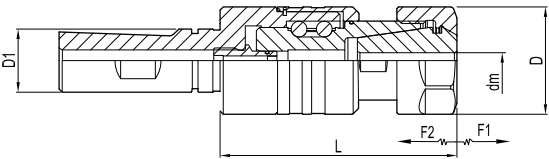


一体式攻牙刀柄延长杆  
Tapping Chuck Extensions



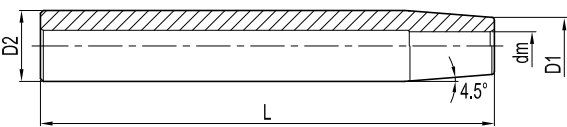
| 订货号<br>Ordering Code | 适用丝锥<br>Apply Taps | 尺寸<br>Dimension (mm) |         |    |    |     |     | 螺帽<br>Nuts | 筒夹<br>Collets | 重量<br>Weight(kg) |
|----------------------|--------------------|----------------------|---------|----|----|-----|-----|------------|---------------|------------------|
|                      |                    | D                    | dm      | D1 | L  | F1  | F2  |            |               |                  |
| C16-V11-65-S         | M1-M7              | 16                   | 2.5-7.0 | 16 | 65 | 0.2 | 0.2 | ER11-M-S   | ER11          | 0.22             |

一体式攻牙刀柄延长杆  
Tapping Chuck Extensions



| 订货号<br>Ordering Code | 适用丝锥<br>Apply Taps    | 尺寸<br>Dimension (mm) |      |    |     |     |     | 螺帽<br>Nuts   | 筒夹<br>Collets | 重量<br>Weight(kg) |
|----------------------|-----------------------|----------------------|------|----|-----|-----|-----|--------------|---------------|------------------|
|                      |                       | D                    | dm   | D1 | L   | F1  | F2  |              |               |                  |
| C20-V20-85-S         | M4-M12<br>(No.8~7/16) | 34                   | 3~10 | 20 | 85  | 0.5 | 0.5 | ER20-A-S     | ER20          | 0.35             |
| C25-V20-85-S         |                       | 34                   | 3~10 | 25 | 85  | 0.5 | 0.5 | ER20-A-S     | ER20          | 0.45             |
| C25-V32-110-S        | M4-M20<br>(No.8~3/4)  | 50                   | 3~10 | 25 | 110 | 0.5 | 0.5 | ER32-UM/RD-S | ER32          | 0.6              |

热装刀柄延长杆  
Shrink Fit Extensions

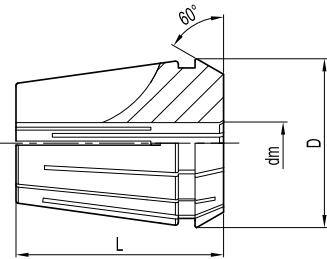


柄径公差  
h6



| 订货号<br>Ordering Code |            | 尺寸<br>Dimension (mm) |    |    |     | 重量<br>Weight(kg) |
|----------------------|------------|----------------------|----|----|-----|------------------|
|                      |            | dm                   | D1 | D2 | L   |                  |
| C12-                 | SF3-160-S  | 3                    | 8  | 12 | 160 | 0.2              |
|                      | SF4-160-S  | 4                    | 8  | 12 | 160 | 0.21             |
| C16-                 | SF3-160-S  | 3                    | 10 | 16 | 160 | 0.22             |
|                      | SF4-160-S  | 4                    | 10 | 16 | 160 | 0.23             |
|                      | SF5-160-S  | 5                    | 10 | 16 | 160 | 0.24             |
|                      | SF6-160-S  | 6                    | 10 | 16 | 160 | 0.25             |
| C20-                 | SF5-160-S  | 5                    | 14 | 20 | 160 | 0.4              |
|                      | SF6-160-S  | 6                    | 14 | 20 | 160 | 0.42             |
|                      | SF8-160-S  | 8                    | 14 | 20 | 160 | 0.44             |
| C25-                 | SF8-160-S  | 8                    | 20 | 25 | 160 | 0.6              |
|                      | SF10-160-S | 10                   | 20 | 25 | 160 | 0.62             |
|                      | SF12-160-S | 12                   | 20 | 25 | 160 | 0.65             |
| C32-                 | SF10-160-S | 10                   | 27 | 32 | 160 | 0.78             |
|                      | SF12-160-S | 12                   | 27 | 32 | 160 | 0.81             |
|                      | SF16-160-S | 16                   | 27 | 32 | 160 | 0.83             |
|                      | SF20-160-S | 20                   | 27 | 32 | 160 | 0.85             |

ER弹性筒夹  
ER Collet



| 订货号<br>Ordering Code |    | 尺寸<br>Dimension (mm) |      | 重量<br>Weight(kg) |
|----------------------|----|----------------------|------|------------------|
|                      |    | D                    | L    |                  |
| ER                   | 11 | 11.50                | 18   | 0.01             |
|                      | 16 | 17.00                | 27.5 | 0.03             |
|                      | 20 | 21.00                | 31.5 | 0.04             |
|                      | 25 | 26                   | 34   | 0.06             |
|                      | 32 | 33                   | 40   | 0.10             |
|                      | 40 | 41                   | 46   | 0.25             |

特点  
Feature

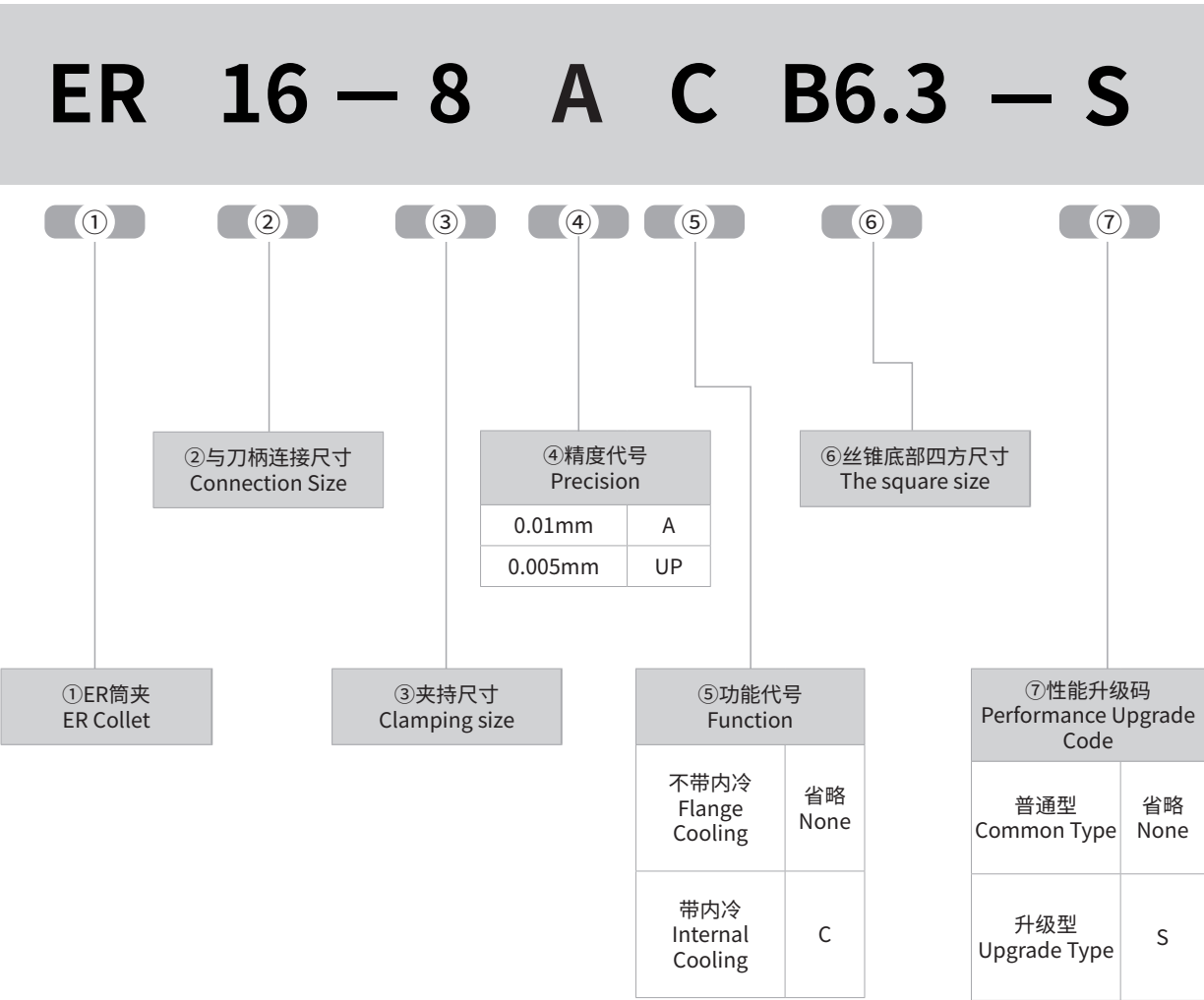
| 型号<br>Model      | 夹持范围<br>Chucking range |
|------------------|------------------------|
| ER11             | 0.5mm                  |
| ER16/20/25/32/40 | 1mm                    |

使用说明  
Spring Colle Precision

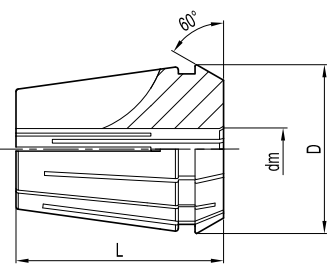
| 型号<br>Grade | 范围<br>Range(mm) |
|-------------|-----------------|
| A级          | ≤0.01 mm        |
| UP级         | ≤0.005 mm       |

注：另有止水内冷型ER筒夹可选配。例：ER16-5C  
Note: ER Collet with internal cooling is available. Example: ER16-5C

ER筒夹命名规则  
Naming rule



ER弹性筒夹  
ER Collet



| ER11-13PCS           |                 |         |
|----------------------|-----------------|---------|
| 订货号<br>Ordering Code | 范围<br>Range(mm) |         |
| ER11-                | 1A-S            | 1.0-0.5 |
|                      | 1.5A-S          | 1.5-1.0 |
|                      | 2A-S            | 2.0-1.5 |
|                      | 2.5A-S          | 2.5-2.0 |
|                      | 3A-S            | 3.0-2.5 |
|                      | 3.5A-S          | 3.5-3.0 |
|                      | 4A-S            | 4.0-3.5 |
|                      | 4.5A-S          | 4.5-4.0 |
|                      | 5A-S            | 5.0-4.5 |
|                      | 5.5A-S          | 5.5-5.0 |
|                      | 6A-S            | 6.0-5.5 |
|                      | 6.5A-S          | 6.5-7.0 |
|                      | 7A-S            | 7.0-6.5 |

| ER16-10PCS           |                 |         |
|----------------------|-----------------|---------|
| 订货号<br>Ordering Code | 范围<br>Range(mm) |         |
| ER16-                | 1A-S            | 1.0-0.5 |
|                      | 2A-S            | 2.0-1.0 |
|                      | 3A-S            | 3.0-2.0 |
|                      | 4A-S            | 4.0-3.0 |
|                      | 5A-S            | 5.0-4.0 |
|                      | 6A-S            | 6.0-5.0 |
|                      | 7A-S            | 7.0-6.0 |
|                      | 8A-S            | 8.0-7.0 |
|                      | 9A-S            | 9.0-8.0 |
|                      | 10A-S           | 10-9.0  |

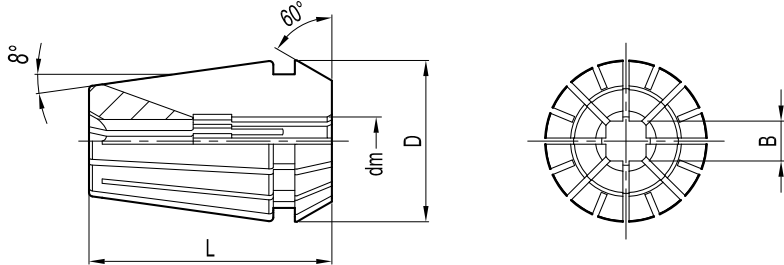
| ER20-12PCS           |                 |         |
|----------------------|-----------------|---------|
| 订货号<br>Ordering Code | 范围<br>Range(mm) |         |
| ER20-                | 2A-S            | 2.0-1.0 |
|                      | 3A-S            | 3.0-2.0 |
|                      | 4A-S            | 4.0-3.0 |
|                      | 5A-S            | 5.0-4.0 |
|                      | 6A-S            | 6.0-5.0 |
|                      | 7A-S            | 7.0-6.0 |
|                      | 8A-S            | 8.0-7.0 |
|                      | 9A-S            | 9.0-8.0 |
|                      | 10A-S           | 10-9.0  |
|                      | 11A-S           | 11-10   |
|                      | 12A-S           | 12-11   |
|                      | 13A-S           | 13-12   |

| ER25-15PCS           |                 |         |
|----------------------|-----------------|---------|
| 订货号<br>Ordering Code | 范围<br>Range(mm) |         |
| ER25-                | 2A-S            | 2.0-1.0 |
|                      | 3A-S            | 3.0-2.0 |
|                      | 4A-S            | 4.0-3.0 |
|                      | 5A-S            | 5.0-4.0 |
|                      | 6A-S            | 6.0-5.0 |
|                      | 7A-S            | 7.0-6.0 |
|                      | 8A-S            | 8.0-7.0 |
|                      | 9A-S            | 9.0-8.0 |
|                      | 10A-S           | 10-9.0  |
|                      | 11A-S           | 11-10   |
|                      | 12A-S           | 12-11   |
|                      | 13A-S           | 13-12   |
|                      | 14A-S           | 14-13   |
|                      | 15A-S           | 15-14   |
|                      | 16A-S           | 16-15   |

| ER32-19PCS           |                 |         |
|----------------------|-----------------|---------|
| 订货号<br>Ordering Code | 范围<br>Range(mm) |         |
| ER32-                | 2A-S            | 2.0-1.0 |
|                      | 3A-S            | 3.0-2.0 |
|                      | 4A-S            | 4.0-3.0 |
|                      | 5A-S            | 5.0-4.0 |
|                      | 6A-S            | 6.0-5.0 |
|                      | 7A-S            | 7.0-6.0 |
|                      | 8A-S            | 8.0-7.0 |
|                      | 9A-S            | 9.0-8.0 |
|                      | 10A-S           | 10-9.0  |
|                      | 11A-S           | 11-10   |
|                      | 12A-S           | 12-11   |
|                      | 13A-S           | 13-12   |
|                      | 14A-S           | 14-13   |
|                      | 15A-S           | 15-14   |
|                      | 16A-S           | 16-15   |
|                      | 17A-S           | 17-16   |
|                      | 18A-S           | 18-17   |
|                      | 19A-S           | 19-18   |
|                      | 20A-S           | 20-19   |

| ER40-24PCS           |                 |         |
|----------------------|-----------------|---------|
| 订货号<br>Ordering Code | 范围<br>Range(mm) |         |
| ER40-                | 3A-S            | 3.0-2.0 |
|                      | 4A-S            | 4.0-3.0 |
|                      | 5A-S            | 5.0-4.0 |
|                      | 6A-S            | 6.0-5.0 |
|                      | 7A-S            | 7.0-6.0 |
|                      | 8A-S            | 8.0-7.0 |
|                      | 9A-S            | 9.0-8.0 |
|                      | 10A-S           | 10-9.0  |
|                      | 11A-S           | 11-10   |
|                      | 12A-S           | 12-11   |
|                      | 13A-S           | 13-12   |
|                      | 14A-S           | 14-13   |
|                      | 15A-S           | 15-14   |
|                      | 16A-S           | 16-15   |
|                      | 17A-S           | 17-16   |
|                      | 18A-S           | 18-17   |
|                      | 19A-S           | 19-18   |
|                      | 20A-S           | 20-19   |
|                      | 21A-S           | 21-20   |
|                      | 22A-S           | 22-21   |
|                      | 23A-S           | 23-22   |
|                      | 24A-S           | 24-23   |
|                      | 25A-S           | 25-24   |
|                      | 26A-S           | 26-25   |

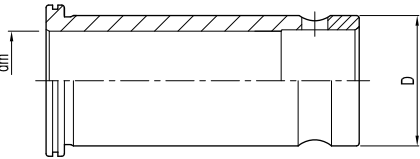
ER攻丝筒夹  
ER Tapping Collet



| 订货号<br>Ordering Code |       |       |       |       |            | 尺寸<br>Dimension (mm) |      | 丝锥标准Taps  |           |          |        |        |
|----------------------|-------|-------|-------|-------|------------|----------------------|------|-----------|-----------|----------|--------|--------|
|                      |       |       |       |       |            | dm                   | B    | ISO529(1) | ISO529(2) | JIS      | DIN371 | DIN376 |
| ER16-                |       |       |       |       | 2.24B1.8-S | 2.24                 | 1.8  | -         | M3        | -        | -      | -      |
| ER16-                |       |       |       |       | 2.8B2.1-S  | 2.8                  | 2.1  | -         | -         | -        | -      | M4     |
| ER16-                |       |       |       |       | 3.15B2.5-S | 3.15                 | 2.5  | M3        | M4        | -        | -      | -      |
| ER16-                |       |       |       |       | 3.5B2.7-S  | 3.5                  | 2.7  | -         | -         | -        | M3     | M5     |
| ER16-                | ER20- |       |       |       | 4B3.2-S    | 4                    | 3.2  | M4        | M5        | M3       | -      | -      |
| ER16-                | ER20- | ER25- |       |       | 4.5B3.55-S | 4.5                  | 3.55 | -         | M6        | -        | -      | -      |
| ER16-                | ER20- | ER25- |       |       | 5B4-S      | 5                    | 4    | M5        | -         | M4       | -      | -      |
| ER16-                | ER20- | ER25- |       |       | 5.5B4.5-S  | 5.5                  | 4.5  | -         | -         | M5、W3/16 | -      | -      |
| ER16-                | ER20- | ER25- |       |       | 6B4.5-S    | 6                    | 4.5  | -         | -         | M6、W1/4  | -      | -      |
| ER16-                | ER20- | ER25- |       |       | 6.2B5-S    | 6.2                  | 5    | -         | -         | M8       | -      | -      |
| ER16-                | ER20- | ER25- | ER32- |       | 6.3B5-S    | 6.3                  | 5    | M6        | M8        | -        | -      | -      |
| ER16-                | ER20- | ER25- | ER32- |       | 7B5.5-S    | 7                    | 5.5  | -         | -         | M10、W3/8 | -      | M10    |
| ER16-                | ER20- | ER25- | ER32- |       | 8B6.3-S    | 8                    | 6.3  | M8        | M10       | -        | -      | -      |
| ER16-                | ER20- | ER25- | ER32- |       | 8.5B6.5-S  | 8.5                  | 6.5  | -         | -         | M12      | -      | -      |
| ER16-                | ER20- | ER25- | ER32- |       | 9B7.1-S    | 9                    | 7.1  | -         | M12       | -        | -      | M12    |
| ER16-                | ER20- | ER25- | ER32- | ER40- | 10B8-S     | 10                   | 8    | M10       | -         | -        | M10    | -      |
|                      | ER20- | ER25- | ER32- | ER40- | 10.5B8-S   | 10.5                 | 8    | -         | -         | M14      | -      | -      |
|                      | ER20- | ER25- | ER32- | ER40- | 11.2B9-S   | 11.2                 | 9    | -         | M14       | -        | -      | -      |
|                      | ER20- | ER25- | ER32- | ER40- | 12.5B10-S  | 12.5                 | 10   | -         | M16       | M16      | -      | -      |
|                      |       | ER25- | ER32- | ER40- | 14B11.2-S  | 14                   | 11.2 | -         | M18、M20-  | M18      | -      | -      |
|                      |       | ER25- | ER32- | ER40- | 15B12-S    | 15                   | 12   | -         | -         | M20-     | -      | -      |
|                      |       |       | ER32- | ER40- | 16B12.5-S  | 16                   | 12.5 | -         | M22       | -        | -      | -      |
|                      |       |       | ER32- | ER40- | 17B13-S    | 17                   | 13   | -         | -         | M22      | -      | -      |
|                      |       |       | ER32- | ER40- | 18B14-S    | 18                   | 14   | -         | M24       | -        | -      | -      |
|                      |       |       | ER32- | ER40- | 19B15-S    | 19                   | 15   | -         | -         | M24      | -      | -      |
|                      |       |       |       | ER40- | 20B15-S    | 20                   | 15   | -         | -         | M27      | -      | -      |
|                      |       |       |       | ER40- | 20B16-S    | 20                   | 16   | -         | M27、M30   | -        | -      | M27    |
|                      |       |       |       | ER40- | 22B18-S    | 22                   | 18   | -         | -         | -        | -      | M30    |
|                      |       |       |       | ER40- | 22B19-S    | 22                   | 19   | -         | -         | M32、M33  | -      | -      |
|                      |       |       |       | ER40- | 22.4B18-S  | 22.4                 | 18   | -         | M33       | -        | -      | -      |
|                      |       |       |       | ER40- | 23B17-S    | 23                   | 17   | -         | -         | M30      | -      | -      |
|                      |       |       |       | ER40- | 25B19-S    | 25                   | 19   | -         | -         | M33      | -      | -      |

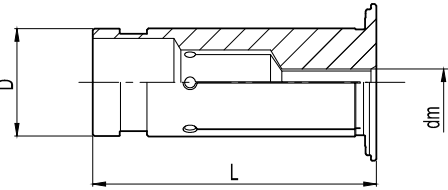
注：1.安装丝锥时柄方必须伸入筒夹方槽内部。 2.选型前需确认丝锥柄径与四方尺寸。  
1. The handle of the tap must be inserted into the square slot.  
2. Please confirm the diameter of the taper shank and the size of the square before choosing the type.

GC强力弹性直筒夹  
GC Straight Collet



| 订货号<br>Ordering Code |       | 尺寸<br>Dimension (mm) |    | 特殊规格<br>(d) |
|----------------------|-------|----------------------|----|-------------|
|                      |       | D                    | dm |             |
| GC20-                | 6A-S  | 20                   | 6  | -           |
|                      | 8A-S  | 20                   | 8  | -           |
|                      | 10A-S | 20                   | 10 | -           |
|                      | 12A-S | 20                   | 12 | -           |
|                      | 16A-S | 20                   | 16 | 15          |
| GC25                 | 6A-S  | 25                   | 6  | -           |
|                      | 8A-S  | 25                   | 8  | -           |
|                      | 10A-S | 25                   | 10 | -           |
|                      | 12A-S | 25                   | 12 | -           |
|                      | 16A-S | 25                   | 16 | -           |
|                      | 20A-S | 25                   | 20 | -           |
| GC32-                | 6A-S  | 32                   | 6  | -           |
|                      | 8A-S  | 32                   | 8  | -           |
|                      | 10A-S | 32                   | 10 | -           |
|                      | 12A-S | 32                   | 12 | -           |
|                      | 16A-S | 32                   | 16 | 15          |
|                      | 20A-S | 32                   | 20 | 19          |
|                      | 25A-S | 32                   | 25 | 24          |
| GC42-                | 6A-S  | 42                   | 6  | -           |
|                      | 8A-S  | 42                   | 8  | -           |
|                      | 10A-S | 42                   | 10 | -           |
|                      | 12A-S | 42                   | 12 | -           |
|                      | 16A-S | 42                   | 16 | 15          |
|                      | 20A-S | 42                   | 20 | 19          |
|                      | 25A-S | 42                   | 25 | 24          |
|                      | 32A-S | 42                   | 32 | 31          |

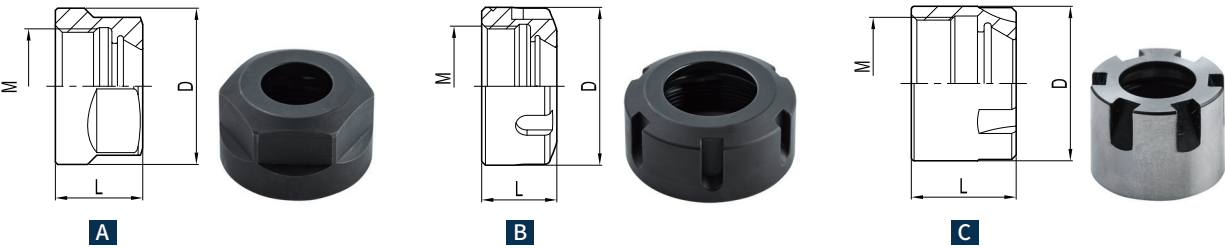
OD型中心出水液压刀柄转换筒夹  
Hydraulic Collet - Internal Cooling



| 订货号<br>Ordering Code |      | 尺寸<br>Dimension (mm) |    |      |
|----------------------|------|----------------------|----|------|
|                      |      | dm                   | D  | L    |
| ODHC12-              | 3-S  | 3                    | 12 | 45   |
|                      | 4-S  | 4                    | 12 | 45   |
|                      | 5-S  | 5                    | 12 | 45   |
|                      | 6-S  | 6                    | 12 | 45   |
|                      | 8-S  | 8                    | 12 | 45   |
|                      |      |                      |    |      |
| ODHC20-              | 3-S  | 3                    | 20 | 50.5 |
|                      | 4-S  | 4                    | 20 | 50.5 |
|                      | 5-S  | 5                    | 20 | 50.5 |
|                      | 6-S  | 6                    | 20 | 50.5 |
|                      | 8-S  | 8                    | 20 | 50.5 |
|                      | 10-S | 10                   | 20 | 50.5 |
|                      | 12-S | 12                   | 20 | 50.5 |
|                      | 14-S | 14                   | 20 | 50.5 |
|                      | 16-S | 16                   | 20 | 50.5 |
|                      |      |                      |    |      |
| ODHC32-              | 6-S  | 6                    | 32 | 60.5 |
|                      | 8-S  | 8                    | 32 | 60.5 |
|                      | 10-S | 10                   | 32 | 60.5 |
|                      | 12-S | 12                   | 32 | 60.5 |
|                      | 14-S | 14                   | 32 | 60.5 |
|                      | 16-S | 16                   | 32 | 60.5 |
|                      | 18-S | 18                   | 32 | 60.5 |
|                      | 20-S | 20                   | 32 | 60.5 |
|                      | 25-S | 25                   | 32 | 60.5 |

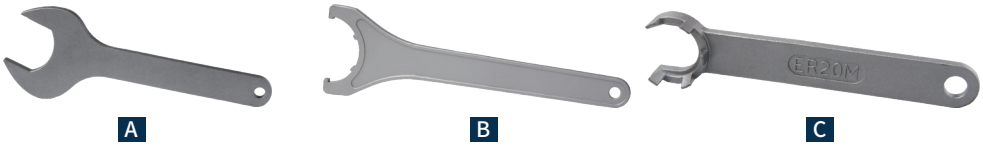


ER弹性筒夹刀柄螺帽  
Clamping Nut For ER Collet Chuck



| 订货号<br>Ordering Code |            | 图示<br>Figure | 尺寸<br>Dimension (mm) |      |            |
|----------------------|------------|--------------|----------------------|------|------------|
|                      |            |              | D                    | L    | M          |
| ER                   | 16-A-S     | A            | 28                   | 17.5 | M 22XP1.5  |
|                      | 20-A-S     | A            | 34                   | 19   | M 25XP1.5  |
|                      | 25-UM/RD-S | B            | 42                   | 20   | M 32XP1.5  |
|                      | 32-UM/RD-S | B            | 50                   | 22.5 | M 40XP1.5  |
|                      | 40-UM/RD-S | B            | 63                   | 25.5 | M 50XP1.5  |
|                      | 11-M-S     | C            | 16                   | 12   | M 13XP0.75 |
|                      | 16-M-S     | C            | 23                   | 18   | M 19XP1.0  |
|                      | 20-M-S     | C            | 28                   | 19   | M 24XP1.0  |
|                      | 25-M-S     | C            | 35                   | 20   | M 30XP1.0  |

ER弹性筒夹刀柄专用扳手  
Wrench For ER Tool Holder



| 订货号<br>Ordering Code |             | 图示<br>Figure | 螺帽<br>Nuts | 重量<br>Weight(kg) |
|----------------------|-------------|--------------|------------|------------------|
| TER                  | 16-A-S      | A            | ER16-A     | 0.1              |
|                      | 20-A-S      | A            | ER20-A     | 0.1              |
|                      | 25UMKM/RD-S | B            | ER25-UM/RD | 0.2              |
|                      | 32UMKM/RD-S | B            | ER32-UM/RD | 0.2              |
|                      | 40UMKM/RD-S | B            | ER40-UM/RD | 0.3              |
|                      | 11-M-S      | C            | ER11-M     | 0.2              |
|                      | 16-M-S      | C            | ER16-M     | 0.2              |
|                      | 20-M-S      | C            | ER20-M     | 0.2              |
|                      | 25-M-S      | C            | ER25-M     | 0.2              |

GLC强力筒夹刀柄专用扳手  
Wrench For Tool Holder GLC



| 订货号<br>Ordering Code |      | 适用刀柄<br>Tool holder (mm) | 重量<br>Weight(kg) |
|----------------------|------|--------------------------|------------------|
| TGLC                 | 20-S | GLC20                    | 0.1              |
|                      | 32-S | GLC32                    | 0.1              |
|                      | 42-S | GLC42                    | 0.2              |

L形扳手  
Allen Key



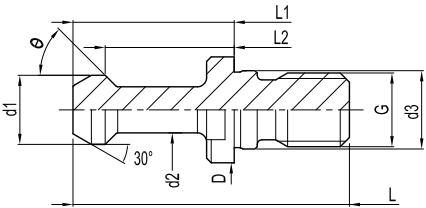
| 订货号<br>Ordering Code | 尺寸<br>Dimension (mm) |     |    |
|----------------------|----------------------|-----|----|
|                      | d                    | L   | h  |
| TH03L-S              | 3                    | 65  | 20 |
| TH04L-S              | 4                    | 70  | 25 |
| TH05L-S              | 5                    | 78  | 28 |
| TH06L-S              | 6                    | 85  | 32 |
| TH08L-S              | 8                    | 100 | 36 |
| TH10L-S              | 10                   | 105 | 40 |
| TH12L-S              | 12                   | 113 | 44 |
| TH14L-S              | 14                   | 118 | 48 |
| TH17L-S              | 17                   | 125 | 55 |

T形扳手  
Wrench – T



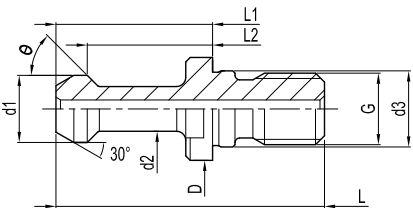
| 订货号<br>Ordering Code | 尺寸<br>Dimension (mm) |     |   |
|----------------------|----------------------|-----|---|
|                      | d                    | L   | h |
| TH03T-L-S            | 3                    | 110 | 3 |
| TH04T-L-S            | 4                    | 120 | 4 |
| TH05T-L-S            | 5                    | 150 | 5 |
| TH06T-L-S            | 6                    | 170 | 6 |
| TH08T-L-S            | 8                    | 190 | 8 |

BT拉钉  
BT Pull Stud Without Hole



| 订货号<br>Ordering Code |      | 尺寸<br>Dimension (mm) |    |    |      |    |    |    |     |     | 重量<br>Weight(kg) |
|----------------------|------|----------------------|----|----|------|----|----|----|-----|-----|------------------|
|                      |      | D                    | d1 | d2 | d3   | L1 | L2 | L  | θ   | G   |                  |
| BT30-                | 45-S | 16.5                 | 11 | 7  | 12.5 | 23 | 18 | 43 | 45° | M12 | 0.03             |
|                      | 60-S | 16.5                 | 11 | 7  | 12.5 | 23 | 18 | 43 | 60° | M12 | 0.03             |
| BT40-                | 45-S | 23                   | 15 | 10 | 17   | 35 | 28 | 60 | 45° | M16 | 0.07             |
|                      | 60-S | 23                   | 15 | 10 | 17   | 35 | 28 | 60 | 60° | M16 | 0.07             |
|                      | 90-S | 23                   | 15 | 10 | 17   | 35 | 28 | 60 | 90° | M16 | 0.07             |
| BT50-                | 45-S | 38                   | 23 | 17 | 25   | 45 | 35 | 85 | 45° | M24 | 0.25             |
|                      | 60-S | 38                   | 23 | 17 | 25   | 45 | 35 | 85 | 60° | M24 | 0.25             |
|                      | 90-S | 38                   | 23 | 17 | 25   | 45 | 35 | 85 | 90° | M24 | 0.25             |

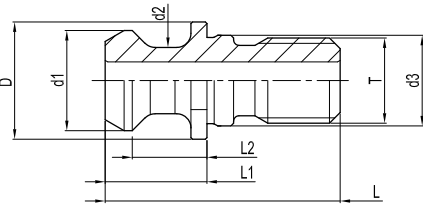
BT出水拉钉  
BT Pull Stud With Cooling Hole



| 订货号<br>Ordering Code |       | 出水孔径<br>Coolant dia. | 尺寸<br>Dimension (mm) |    |    |    |    |    |    |     | 重量<br>Weight(kg) |      |
|----------------------|-------|----------------------|----------------------|----|----|----|----|----|----|-----|------------------|------|
|                      |       |                      | D                    | d1 | d2 | d3 | L1 | L2 | L  | θ   |                  | G    |
| BT40-                | 45C-S | 4                    | 23                   | 15 | 10 | 17 | 35 | 28 | 60 | 45° | M16              | 0.07 |
|                      | 60C-S | 4                    | 23                   | 15 | 10 | 17 | 35 | 28 | 60 | 60° | M16              | 0.07 |
|                      | 90C-S | 4                    | 23                   | 15 | 10 | 17 | 35 | 28 | 60 | 90° | M16              | 0.07 |
| BT50-                | 45C-S | 6                    | 38                   | 23 | 17 | 25 | 45 | 35 | 85 | 45° | M24              | 0.25 |
|                      | 60C-S | 6                    | 38                   | 23 | 17 | 25 | 45 | 35 | 85 | 60° | M24              | 0.25 |
|                      | 90C-S | 6                    | 38                   | 23 | 17 | 25 | 45 | 35 | 85 | 90° | M24              | 0.25 |

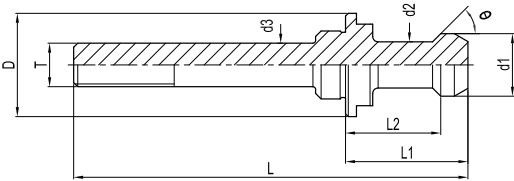


MAZAK拉钉  
MAZAK Pull Stud



| 订货号<br>Ordering Code |      | 尺寸<br>Dimension (mm) |       |       |    |      |      |       |     | 重量<br>Weight(kg) |
|----------------------|------|----------------------|-------|-------|----|------|------|-------|-----|------------------|
|                      |      | D                    | d1    | d2    | d3 | L    | L1   | L2    | T   |                  |
| MAZAK                | 40-S | 22                   | 18.8  | 12.45 | 17 | 44.1 | 19.1 | 14    | M16 | 0.02             |
|                      | 50-S | 37                   | 28.96 | 20.83 | 25 | 65.2 | 25.2 | 25.55 | M24 | 0.1              |

MTB拉紧拉钉  
MTB Tension Screw



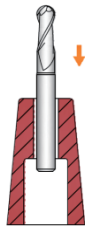
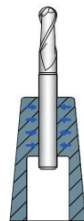
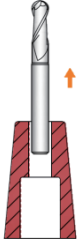
| 订货号<br>Ordering Code |          | 尺寸<br>Dimension (mm) |    |    |    |    |    |     |     | 重量<br>Weight(kg) |
|----------------------|----------|----------------------|----|----|----|----|----|-----|-----|------------------|
|                      |          | D                    | d1 | d2 | d3 | L1 | L2 | L   | θ   |                  |
| BT40-                | 45-MT4-S | 23                   | 15 | 10 | 17 | 35 | 28 | 110 | 45° | 0.1              |
| BT50-                | 45-MT5-S | 38                   | 23 | 17 | 25 | 45 | 35 | 165 | 45° | 0.65             |





热缩刀柄使用注意事项  
Announcements

快速加热原理 / Heating

| 加热<br>Heating                                                                     | 置入刀具<br>Inserting                                                                 | 固定夹持<br>Cooling                                                                   | 取出<br>Removing                                                                      |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |  |
| 将刀具置加热器内加热，<br>Place tool holder in heating                                       | 将刀具置入加热膨胀后的刀柄<br>Insert the cutter to the expanded holder                         | 温度冷却收缩后的刀柄，可稳固<br>夹持刀具<br>Cool the holder and hold the<br>cutter                  | 刀柄在加热膨胀后，可轻易取出<br>刀具<br>Heat the holder and remove the<br>cutter                    |

使用工具/Tools

- 薄壁及孔径为φ8以下规格的刀柄，仅适用于硬质合金刀具的装夹。  
The holder with thin-walled and hole diameter below 8mm is only suitable for the clamping of cemented carbide tools. walled and hole diameter below 8mm is only suitable for the clamping of cemented carbide tools
- 使用公差范围外的刀具是刀柄破损和发生滑落事故的原因。  
No shrink release is possible for any tool for high speed steel.
- 刀具柄部的细小铁屑等附着物会和阻碍夹持孔正常装夹，造成刀具无法拔出。  
A tools exceeding its tolerance can cause breakage or slippage.

拉钉（BT） /Retention Knob(BT)

- 请利用出水拉钉，否则请将拉钉取下后再进行加热。  
Use a retention knob that has perforations, or remove the retention knob and heat it.
- 通常拉钉不排出空气就不能放入刀具。  
The typical retention knob has no vent to release air, preventing tools from being inserted

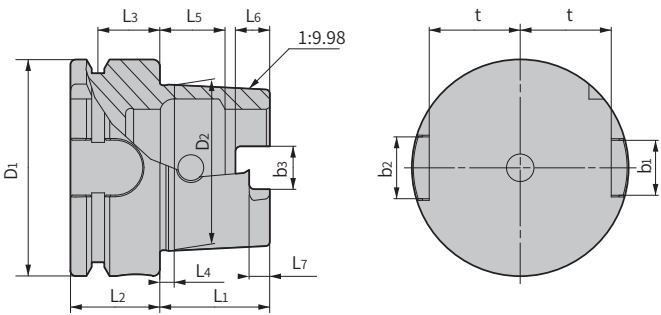
冷却液导管 (HSK) / Coolant Duct(HSK)

- 请带着冷却液导管加热时，会破坏导管的O型环。  
Heating the holder with coolant duct attached, the o-ring will be damaged.
- 加热时，请卸下冷却液导管。  
Remove the coolant duct before heating the holder.

水冷时的注意 Precautions For Water-Cooling

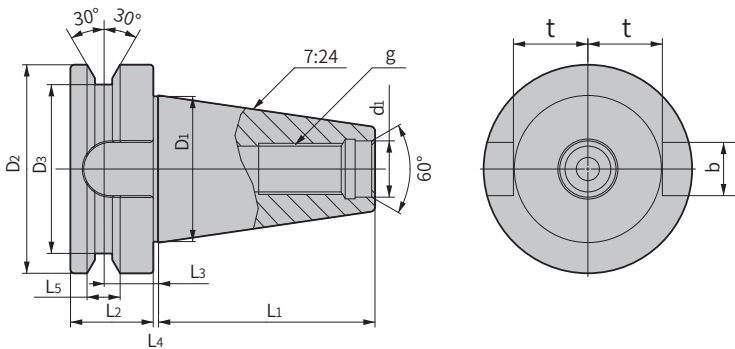
- 热装之后水冷，产生大量水蒸气，有烫伤的危险性。  
Water-cooling immediately after shrink fitting may result in burns due to the large quantity of steam generated.
- 请在热装装置冷却1分钟以上之后进行水冷。  
Be sure to set the shrink-fitting heater setting to cool and cool the holder for at least one minute before water-cooling it.
- 请完全除去水分。残留水分后，生锈会引起刀柄破损。  
Moisture left on the holder may lead to rust formation and damage to the holder, so be sure to completely remove all moisture.

HSK柄尺寸图  
HSK Tool Holder Ordering Code - DIN69893



| 订货号<br>Ordering Code | 尺寸<br>Dimension |        |    |    |    |     |       |     |     |    |    |       |      |
|----------------------|-----------------|--------|----|----|----|-----|-------|-----|-----|----|----|-------|------|
|                      | D1              | D2     | L1 | L2 | L3 | L4  | L5    | L6  | L7  | b1 | b2 | b3    | t    |
| HSK40A               | 40              | 30.007 | 20 | 20 | 16 | 4   | 11.42 | 6   | 3.5 | 11 | 9  | 8.05  | 17   |
| HSK50A               | 50              | 38.009 | 25 | 26 | 18 | 5   | 14.13 | 7.5 | 4.5 | 14 | 12 | 10.54 | 21   |
| HSK63A               | 63              | 48.01  | 32 | 26 | 18 | 6.3 | 18.13 | 10  | 6   | 18 | 16 | 12.5  | 26.5 |
| HSK100A              | 100             | 75.013 | 50 | 29 | 20 | 10  | 28.56 | 15  | 10  | 22 | 20 | 20    | 44   |

BT柄尺寸图  
BT Tool Holder Ordering Code - MAS403BT



| 订货号<br>Ordering Code | 尺寸<br>Dimension |      |       |     |    |    |      |    |    |      |      |     |
|----------------------|-----------------|------|-------|-----|----|----|------|----|----|------|------|-----|
|                      | D1              | d1   | L1    | D2  | D3 | L2 | L3   | L4 | L5 | b    | t    | g   |
| BT30                 | 31.75           | 12.5 | 48.4  | 46  | 38 | 20 | 13.6 | 2  | 8  | 16.1 | 16.3 | M12 |
| BT40                 | 44.45           | 17   | 65.4  | 63  | 53 | 25 | 16.6 | 2  | 10 | 16.1 | 22.6 | M16 |
| BT50                 | 69.85           | 25   | 101.8 | 100 | 85 | 35 | 23.2 | 3  | 15 | 25.7 | 35.4 | M24 |



# MEMO



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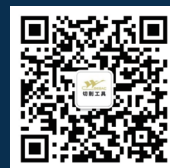
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