Metalworking

HYDRO-GRIP®

# ETP HYDRO-GRIP® HD

HEAVY DUTY VERSION

## Features and benefits

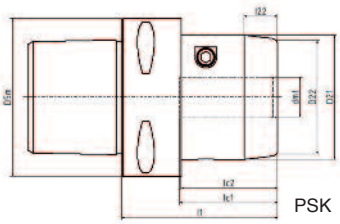
- For heavy machining
- Extreme high clamping force
- Easy handling
- Rigid design

## Hydraulic high precision toolholder – Heavy Duty version

ETP HYDRO-GRIP® HD, Heavy Duty, is the first hydraulic Power chuck available on the market. Here ETP combine all the positive benefits of hydraulic clamping, such as easy handling and precision, with an extreme high tool clamping force capability and rigid design. A high bending stiffness and the dampening properties of the hydraulic pressure media makes ETP HYDRO-GRIP® HD the ideal holder for any machining, from heavy rough milling to finishing.

# ETP HYDRO-GRIP® HD

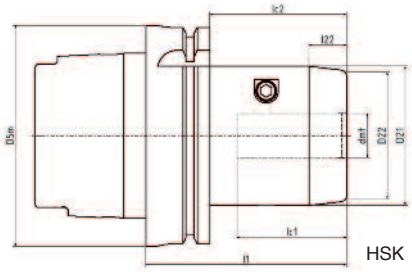
## Hydraulic high precision toolholder – Heavy Duty version



PSK

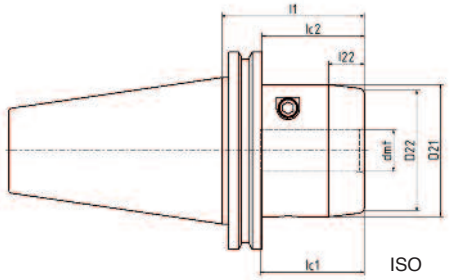
### Technical Specification

| Coupling size | Ordering code | Dimensions, mm $D_{5m}$ | $dm_t$ | $D_{21}$ | $D_{22}$ | $l_1$ | $l_{22}$ | $l_{c1}$ | $l_{c2}$ |
|---|---|---|---|---|---|---|---|---|---|
| C5 | HG HD-20/C5 | 50 | 20 | 80 | 76 | 87 | 17 | 60 | |
| C6 | HG HD-20/C6 | 63 | 20 | 63 | 59 | 73 | 17 | 52 | |
| | HG HD-25/C6 | 63 | 25 | 74 | 70 | 80 | 17 | 56 | |
| | HG HD-32/C6 | 63 | 32 | 80 | 76 | 86 | 17 | 60 | |
| C8 | HG HD-20/C8 | 80 | 20 | 63 | 59 | 79 | 17 | 52 | 49 |
| | HG HD-25/C8 | 80 | 25 | 74 | 70 | 83 | 17 | 56 | 53 |
| | HG HD-32/C8 | 80 | 32 | 80 | 76 | 87 | 17 | 60 | |



HSK

| HSK size | Ordering code | Dimensions, mm $D_{5m}$ | $dm_t$ | $D_{21}$ | $D_{22}$ | $l_1$ | $l_{22}$ | $l_{c1}$ | $l_{c2}$ |
|---|---|---|---|---|---|---|---|---|---|
| 63 | HG HD-20/HSK63 | 63 | 20 | 63 | 59 | 91 | 17 | 52 | 62 |
| 100 | HG HD-20/HSK100 | 100 | 20 | 63 | 59 | 91 | 17 | 52 | 62 |
| | HG HD-25/HSK100 | 100 | 25 | 74 | 70 | 95 | 17 | 56 | 66 |
| | HG HD-32/HSK100 | 100 | 32 | 80 | 76 | 99 | 17 | 60 | 70 |



ISO

| Machine design | Taper | Ordering code | Dimensions, mm $dm_t$ | $D_{21}$ | $D_{22}$ | $l_1$ | $l_{22}$ | $l_{c1}$ | $l_{c2}$ |
|---|---|---|---|---|---|---|---|---|---|
| Cat V | 40 | HG HD-20/CAT40 | 20 | 63 | 59 | 68 | 17 | 68 | |
| | 50 | HG HD-20/CAT50 | 20 | 63 | 59 | 68 | 17 | 68 | |
| | | HG HD-25/CAT50 | 25 | 74 | 70 | 92 | 17 | 92 | |
| | | HG HD-32/CAT50 | 32 | 80 | 76 | 97 | 17 | 97 | |
| ISO 7388.1 | 40 | HG HD-20/ISO40 | 20 | 63 | 59 | 68 | 17 | 68 | 49 |
| | 50 | HG HD-20/ISO50 | 20 | 63 | 59 | 68 | 17 | 68 | 49 |
| | | HG HD-25/ISO50 | 25 | 74 | 70 | 79 | 17 | 79 | 60 |
| | | HG HD-32/ISO50 | 32 | 80 | 76 | 83 | 17 | 83 | 64 |
| MAS BT403 | 40 | HG HD-20/BT40 | 20 | 63 | 59 | 79 | 17 | 79 | |
| | 50 | HG HD-20/BT50 | 20 | 63 | 59 | 87 | 17 | 87 | 49 |
| | | HG HD-25/BT50 | 25 | 74 | 70 | 91 | 17 | 91 | 53 |
| | | HG HD-32/BT50 | 32 | 80 | 76 | 95 | 17 | 95 | 57 |

$l_1$ = programming length

- ● From stock.
- ◑ Short deliverytime.
- ○ On request.

Larsson Offsettryck 2012-8