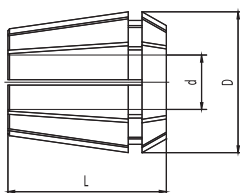


HOCHPRÄZISIONS-ER SPANNZANGEN  
HIGH PRECISION ER COLLETS  
ВЫСОКОТОЧНЫЕ ЦАНГИ ER

ER PINCE DE HAUTE PRECISION  
PINZE ER DI ALTA PRECISIONE  
高精度 ER 夹头

DIN 6499/B

RUNOUT ≤ 0,005



| Type    | D    | L    | Clamping capacity |
|---------|------|------|-------------------|
| ER 8 HP | 8,5  | 13,5 | 1 ÷ 5             |
| ER11 HP | 11,5 | 18   | 1 ÷ 7             |
| ER16 HP | 17   | 27,5 | 1 ÷ 10            |
| ER20 HP | 21   | 31,5 | 1 ÷ 13            |
| ER25 HP | 26   | 34   | 1 ÷ 16            |
| ER32 HP | 33   | 40   | 2 ÷ 20            |
| ER40 HP | 41   | 46   | 3 ÷ 30            |

HOCHPRÄZISIONS-ER SPANNZANGENSÄTZE (Reduzierte Version)  
REDUCED SETS OF COLLETS ER-HP TYPE  
СОКРАЩЕННЫЕ НАБОРЫ ВЫСОКОТОЧНЫХ ЦАНГ ER

JEUX REDUITS DE PINCES ER DE HAUTE PRECISION  
SERIE RIDOTTA DI PINZE ER-HP  
ER-HP 夹头筒装版

RUNOUT ≤ 0,005

| Type          | Diameters            | No. collets |
|---------------|----------------------|-------------|
| SERIE-ER 8 HP | 1-2-3-4-5            | 5           |
| SERIE-ER11 HP | 1-2-3-4-5-6-7        | 7           |
| SERIE-ER16 HP | 2-4-6-8-10           | 5           |
| SERIE-ER20 HP | 2-4-6-8-10-12        | 6           |
| SERIE-ER25 HP | 4-6-8-10-12-16       | 6           |
| SERIE-ER32 HP | 4-6-8-10-12-16-20    | 7           |
| SERIE-ER40 HP | 4-6-8-10-12-16-20-25 | 8           |



HOCHPRÄZISIONS-ER SPANNZANGENSÄTZE (Komplette Version)  
COMPLETE SETS OF COLLETS ER-HP TYPE  
ПОЛНЫЕ НАБОРЫ ВЫСОКОТОЧНЫХ ЦАНГ ER

JEUX COMPLETS DE PINCES ER DE HAUTE PRECISION  
SERIE COMPLETA DI PINZE ER-HP  
ER-HP 夹头的完整版

RUNOUT ≤ 0,005

| Type           | Diameters | No. collets |
|----------------|-----------|-------------|
| SERIE-ER 8 HPC | 1 ÷ 5     | 9           |
| SERIE-ER11 HPC | 1 ÷ 7     | 13          |
| SERIE-ER16 HPC | 1 ÷ 10    | 10          |
| SERIE-ER20 HPC | 2 ÷ 13    | 12          |
| SERIE-ER25 HPC | 2 ÷ 16    | 15          |
| SERIE-ER32 HPC | 3 ÷ 20    | 18          |
| SERIE-ER40 HPC | 4 ÷ 26    | 23          |

