



Zubehör Lademagazin/ Spannwerkzeuge

Components for loading magazine/ clamping fixtures

| | |
|--|-----|
| Drehende Enden | 5 |
| Führungsbüchsen verstellbar | 9 |
| Robobar | 4 |
| Spanndorne/Innenspannhülsen | 1 |
| Spannhülsen /-Lagerungen | 1-5 |
| Spannkopf | 6 |
| Spannzangen (Greifer-/Vorschub-/ER-/Zugspannzangen) | 6-9 |

| | |
|--|-----|
| Clamping head | 6 |
| Clamping sleeve/-bearing | 1-5 |
| Collets (Gripper-/Feed fingers-/ER/Draw Back Collets) | 6-9 |
| Guidance can | 9 |
| Robobar | 4 |
| Sleeve mandrels/interior clamp.sl. | 1 |
| Turning ends | 5 |

**Spannhülsen für Lademagazine
Clamping sleeves for load-feeders**



Art.-Nr. 9001080

| Einh. Nr. Unit No. | Kanal Channel | Standard | Steigend Rising | L | Art.-Nr. Art.-No. |
|-----------------------|------------------|-------------|--------------------|----|----------------------|
| 200 E | D5 / M4 | 1,5 - 4,5 | 0,1 | 37 | 9001010 |
| 208 E | D7 / M5 | 1,5 - 5,9 | 0,1 | 37 | 9001020 |
| 210 E | D10 | 4,0 - 8,5 | 0,5 | 40 | 9001030 |
| BECHLER | D7 / M4 | 2,0 - 6,5 | | 30 | 9001130 |
| BECHLER | D10 / M5 | 2,0 - 8,5 | 0,5 | 26 | 9001040 |
| 212 E | D12 | 4,0 - 9,5 | 0,5 | 40 | 9001050 |
| 203 E | D15 | 4,0 - 13,0 | 0,5 | 40 | 9001060 |
| 218 E | D18 | 5,0 - 16,0 | 0,5 | 40 | 9001120 |
| 225 E | D20 | 6,0 - 18,0 | 0,5 | 65 | 9001070 |
| SHK 22 | D 22 | | | 65 | 9001400 |
| 222 E | D25 | 6,0 - 23,0 | 0,5 | 65 | 9001080 |
| 227 E | D28 | 8,0 - 25,0 | 1,0 | 65 | 9001090 |
| SHK 30 | D30 | 10,0 - 25,5 | 0,5 | 65 | 9001100 |
| SHK 36 | D36 | 10,0 - 30,0 | 0,5 | 65 | 9001110 |

Weitere Abmessungen bzw. Zwischenmaße auf Anfrage/further dimensions on request.
Gegen Aufpreis auch in geschlossener Ausführung lieferbar!
Against surcharge also in closed execution available!

**Spanndorne / Innenspannhülsen
Sleeve mandrels / interior clamping sleeve**



Art.-Nr. 9002260

| Einh. Nr. Unit No. | D | Passung Fit | L | Art.-Nr. Art.-No. |
|-----------------------|----|----------------|----|----------------------|
| 7 I | 7 | M5 | 37 | 9002200 |
| 10 I | 10 | 7 | 40 | 9002210 |
| 12 I | 12 | 8 | 40 | 9002220 |
| 15 I | 15 | 11 | 40 | 9002230 |
| 18 I | 18 | 11 | 40 | 9002240 |
| 20 I | 20 | 14 | 65 | 9002250 |
| 25 I | 25 | 20 | 65 | 9002260 |

Steigend/rising 1,0

Turbo-Spannhülsen passend für FMB, Traub... Turbo clamping sleeve suitable for FMB, Traub...



Art.-Nr. 9003020

- * es wird empfohlen, Turbo-Spannhülsen ab D 40 mit Feder zu verwenden
- * it is recommended to use Turbo clamping sleeves starting from D 40 with spring

| Kanal Channel | Steigend rising | Standard (mm) | L | Art.-Nr. Art.-No. |
|---------------|-----------------|---------------|-----|-------------------|
| D 25 | 0,5 | 8 - 20 | 90 | 9003010 |
| D 30 | 0,5 | 9 - 27 | 90 | 9003020 |
| D 32 | 0,5 | 9 - 28 | 90 | 9003030 |
| D 34 | | | 90 | 9003040 |
| D 36 | 0,5 | 10 - 30 | 90 | 9003050 |
| D 38 | | | 90 | 9003060 |
| D 40 * | 1,0 | 10 - 36 | 90 | 9003070 |
| D 42 * | 0,5 | 11 - 39 | 90 | 9003080 |
| D 50 * | 1,0 | 13 - 44 | 90 | 9003090 |
| D 60 * | 1,0 | 16 - 55 | 90 | 9003100 |
| D 63 * | | | 90 | 9003110 |
| D 65 * | 1,0 | 16 - 60 | 90 | 9003120 |
| D 80 * | 1,0 | 40 - 72 | 90 | 9003130 |
| D 90 * | 1,0 | 50 - 80 | 90 | 9003140 |
| DI100 * | 1,0 | 50 - 80 | 110 | 9003150 |

Weitere Abmessungen bzw. Zwischenmaße auf Anfrage
Further dimensions or intermediate measure on request

Sämtliche Turbo-Spannhülsen liefern wir auch in XT-Ausführung für XT-Magazine
We supply all turbo clamping sleeves also in XT execution for XT magazines

Zuschläge
additional charge

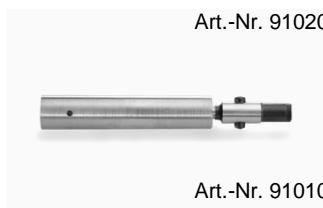
für 4-Kant und 6-Kant auf Anfrage!
square and hexagon on request!

Zwischenmaße auf Anfrage
intermediate measure on request

Spannhülsen-Lagerungen für Lademagazine Clamping sleeve bearing for load-feeders



Art.-Nr. 9102090



Art.-Nr. 9101070



Art.-Nr. 9101090

| Kanal Channel | Ø D | passend für suitable for | L | Art.-Nr. Art.-No. |
|---------------|---------|--------------------------|------|-------------------|
| D 5 | 5,5 mm | Traub, FMB | 75 | 9101010 |
| D 5 | 5,0 mm | lemca | 90 | 9101140 |
| D 5 | 5,5 mm | lemca * | 90 | 9101030 |
| D 7 | 7,5 mm | Traub, FMB | 82 | 9101020 |
| D 7 | 7,5 mm | Gauthier | 98 | 9101040 |
| D 7 | 7,5 mm | lemca | 140 | 9102090 |
| D 10 | 10,5 mm | Traub | 88,5 | 9101050 |
| D 10 | 10,5 mm | FMB, Irco, lemca | 100 | 9101060 |
| D 12 | 12,5 mm | Traub | 88,5 | 9101070 |
| D 12 | 12,5 mm | FMB, Irco, lemca | 100 | 9101080 |
| D 15 | 15,0 mm | Traub, FMB, lemca | 100 | 9101090 |
| D 18 | 18,0 mm | Traub, FMB, lemca | 100 | 9101100 |
| D 18 | 18,0 mm | lemaca SIR M15x links | 128 | 9001150 |
| D 20 | 20,0 mm | Traub, FMB, lemca | 116 | 9101110 |
| D 25 | 25,0 mm | Traub, FMB, lemca | 119 | 9101120 |

*Alternativ: suitable to lemca/Gauthier L=91 auf Anfrage/on request

Spannhülsen Cucchi
clamping sleeve Cucchi



Art.-Nr. 9002710



Art.-Nr. 9002720

| Einh. Nr. | G/M | Standard Abm. (mm) | L | Art.-Nr. |
|------------|-----------|--------------------|----|----------|
| DC 10 | M6x075 | 0,1 | 50 | 9002600 |
| DC 12 | M7x075 | 0,1 | 52 | 9002610 |
| DC 14 | M8x1 | 0,1 | 52 | 9002620 |
| DC 15 | M8x1 | 0,1 | 52 | 9002630 |
| DC 16 | M8x1 | 0,1 | 52 | 9002640 |
| DC 18 | M10x1 | 0,5 | 59 | 9002650 |
| DC 25 | M14x1 | 0,5 | 59 | 9002660 |
| DC 30 | M18x1,5re | 0,5 | 65 | 9002670 |
| PB 20 D19* | M10x1 | 0,1 | 60 | 9002680 |
| PB 24 D23* | M14x1 | 0,5 | 60 | 9002690 |
| PB 32 D32* | M18x1,5 | 0,5 | 65 | 9002700 |
| PB 38 D39* | M25x1,5 | 0,5 | 70 | 9002710 |
| PB 48 D47* | M30x1,5 | 0,5 | 70 | 9002720 |

Mit Aufschraubgewinde (*mit Aufschraubgewinde links)
With screwing on thread (*with screwing on thread left)

Alle Typen auch als Langloch-Ausführung lieferbar
All types also as long hole model deliverable

Spannhülsen-Lagerungen für Cucchi
Clamping sleeve bearing for Cucchi



Art.-Nr. 9002810



Art.-Nr. 9002840

| D | L | F | d | Art.-Nr. |
|-------------------------------|-----|------------|------------|----------|
| 10 | 107 | M7x1 | M6x0,75 | 9002730 |
| 12 | 107 | M8x1,25 | M7x0,75 | 9002740 |
| 14 | 107 | M10x1,5 | M8x1 | 9002750 |
| 16 | 107 | M10x1,5 | M8x1 | 9002760 |
| 19 | 118 | M12x1,75 | M10x1 | 9002770 |
| 25 | 118 | M20x1,5 | M14x1 | 9002780 |
| 30 | 123 | M24x1,5 | M18x1,5 | 9002790 |
| 40 | 61 | M28x1,5 | M25x1,5 | 9002800 |
| Version left / Variante Links | | | | |
| 19 | 100 | M17x1 li | M10x1 li | 9002810 |
| 24 | 100 | M20x1,5 li | M14x1 li | 9002820 |
| 29,3 | 121 | M26x1,5 li | M18x1,5 li | 9002830 |
| 38 | 109 | M30x1,5 li | M25x1,5 li | 9002840 |

**Spannhülsen-Lagerungen
Clamping sleeve bearings**



Art.-Nr. 9102050



Art.-Nr. 9102090



Art.-Nr. 9102140

| D | Kanal Channel | L mm | Art.-Nr. Art.-No. |
|------|---------------|------|-------------------|
| 4,5 | Tornos | 62* | 9102010 |
| 5,5 | Tornos | 62* | 9102020 |
| 7,0 | Tornos | 63 | 9102030 |
| 7,0 | Bechler | 60 | 9102070 |
| 7,5 | Tornos | 63 | 9102040 |
| 8,5 | Tornos | 63 | 9102050 |
| 10,5 | Tornos | 70 | 9102060 |
| 10 | Bechler | 96 | 9103100 |
| 10 | Bechler | 84 | 9103110 |

* mit M3 Innengewinde/with M3 female thread

**Turbo-Spannhülsenlagerungen
Turbo-clamping sleeve bearings**



Art.-Nr. 9104010

| D | Kanal Channel | L mm | Art.-Nr. Art.-No. |
|------|---------------|------|-------------------|
| D 25 | FMB | 197 | 9104010 |
| D 30 | FMB | 197 | 9104020 |
| D 36 | FMB | 197 | 9104030 |
| D 38 | FMB | 197 | 9104040 |
| D 42 | FMB | 207 | 9104050 |
| D 50 | FMB | 207 | 9104060 |
| D 60 | FMB | 232 | 9104070 |
| D 63 | FMB | 232 | 9104080 |
| D 65 | FMB | 232 | 9104090 |

ROBOBAR



Art.-Nr. 9102140

| Kanal Channel | d | D | L mm | Art.-Nr. Art.-No. |
|---------------|----|------|------|-------------------|
| Tornos | M3 | 5,5 | 99 | 9102100 |
| Tornos | M5 | 7,5 | 101 | 9102110 |
| Tornos | 7 | 10,5 | 114 | 9102120 |
| Tornos | 8 | 12 | 114 | 9102130 |
| Tornos | 10 | 16 | 160 | 9102140 |
| Tornos | 10 | 18 | 160 | 9102150 |
| Tornos | 14 | 20,5 | 170 | 9102160 |
| Tornos | 20 | 25 | 179 | 9102170 |
| Tornos | 20 | 26 | 179 | 9102180 |

**Drehende Enden (Strohm, IRCO, LNS.)
für manuellen Stangenvorschub/Hydraulikrohre
Turning ends for manual rod feed**



Art.-Nr. 9207300



Art.-Nr. 9207370

| D | M Thread | Länge ohne Gew. Length without thread | Art.-Nr. Art.-No. |
|-----|----------|--|----------------------|
| 4,5 | M 3,5 | 35 | 9207300 |
| 5,5 | M 4 | 40 | 9207310 |
| 7 | M 5 | 44 | 9207320 |
| 7,5 | M 5 | 44 | 9207330 |
| 8,5 | M 5 | 44 or 73 | 9207340 |
| 10 | M 6 | 49 | 9207350 |
| 11 | M 6 | 49 | 9207360 |
| 12 | M 6 | 49 | 9207370 |
| 15 | M 10 | 80 | 9207390 |
| 15 | M 8 | 80 | 9207400 |
| 16 | M 8 | 80 | 9207410 |
| 20 | M 10 | 88 | 9207420 |
| 25 | M 12 | 108 | 9207430 |
| 28 | M 12 | 108 | 9207440 |
| 30 | M 12 | 108 | 9207450 |
| 32 | M 12 | 108 | 9207460 |

**Spannhülsen für LNS/Tryton
Clamping sleeve LNS/Tryton**



Art.-Nr. 9207110



Art.-Nr. 9207130

| Einheits-Nr. Unit No. | Gewinde Thread | Standard | Art.-Nr. Art.-No. |
|--------------------------|-------------------|------------|----------------------|
| 6 TR | M 4 | 1,5 – 5,0 | 9207110 |
| 7 TR | M 4 | 3,0 – 5,0 | 9207120 |
| 12 TR | M 6 | 4,0 – 10,0 | 9207130 |

Spannzangen Reihe I00 Collets row I00



Art.-Nr. 9001230



Art.-Nr. 9001340

| Einh.Nr. Unit No. | F-No. | to Machine | d | D | Stand. | Steigend rising | Art.-Nr. Art.-No. |
|-------------------------|---------|---------------|-------|------|--------|--------------------|----------------------|
| I01 E | F8 | | 8 | 12 | 3-5 | 0,5 | 9001140 |
| I02 E | | | 8 | 13,7 | 3-6 | 0,5 | 9001150 |
| I09 E | F10 | | 10 | 15,5 | 3-7 | 0,5 | 9001160 |
| I12 E | | Gauthier | 11 | 18,7 | 3-8 | 0,5 | 9001170 |
| I16 E | F13 | | 13 | 19 | 3-10 | 0,5 | 9001180 |
| I18 E | | | 14 | 19,5 | 3-10,5 | 0,5 | 9001190 |
| I20 E | F15 | | 15 | 21 | 3-12 | 0,5 | 9001200 |
| I212 E | F16 | | 16 | 21 | 3-12 | 0,5 | 9001210 |
| I36 E | F20-201 | | 20 | 26 | 3-16 | 0,5 | 9001220 |
| I38 E | F20- 87 | | 20 | 28 | 3-16 | 0,5 | 9001350 |
| I40 E | F22 | A 15 | 22 | 30 | 3-16 | 0,5 | 9001230 |
| I45 E | F25 | | 25 | 35 | 3-20 | 0,5 | 9001240 |
| I48 E | F28 | A 20 | 28 | 38 | 3-24 | 0,5 | 9001250 |
| I57 E | F30 | | 30 | 42 | 3-24,5 | 0,5 | 9001260 |
| I61 E | F32 | A 25/26/TD26 | 32 | 45 | 3-26 | 0,5 | 9001270 |
| I63 E | F35 | A 30 | 35 | 48 | 3-30 | 0,5 | 9001280 |
| I536 E | F37 | | 37 | 47 | 3-32 | 0,5 | 9001340 |
| I64 E | F38 | | 38,08 | 49 | 3-32 | 0,5 | 9001290 |
| I71 E | F42 | A 36 | 42 | 55 | 3-36 | 0,5 | 9001310 |
| I73 E | F48 | A/B 42 | 48 | 60 | 3-42 | 0,5 | 9001320 |
| I85 E | F66 | A/TB/B 60 | 66 | 84 | 8-60 | 1,0 | 9001330 |

Weitere Typen/Abmessungen auf Anfrage

Further types/dimensions on request

Zangen auch mit HM-Beschichtung oder vulkanisiert

Pliers also with TC coating or vulcanizes

Spannkopf Clamping head



Art.-Nr. 9005040

| Einheits-Nr. Unit-No. | D | L | Stand. | Steigend rising | Art.-Nr. Art.-No. |
|--------------------------|-------|----|--------|--------------------|----------------------|
| SK 32 | 58 | 47 | 4-32 | 1mm | 9005010 |
| SK 42 | 80 | 47 | 5-42 | 1mm | 9005020 |
| SK 52 | 80 | 46 | 5-52 | 1mm | 9005030 |
| SK 65 | 99,5 | 58 | 5-65 | 1mm | 9005040 |
| SK 80 | 115 | 53 | 5-80 | 1mm | 9005050 |
| SK 100 | 144,5 | 59 | 42-102 | 1mm | 9005060 |

Ausführung: glatt oder mit Quer-&Längsrillen

Achievement: smooth or axial and radial grooves

Lieferbar auch in 6-kant und 4-kant

Also available in hexagon (6) and square (4)

Spann-/Vorschubzangen – passend für Schütte
Collets-/feed fingers – suitable for Schütte



Art.-Nr. 9001610



Art.-Nr. 9001670

| Unit No. | to Machine | d | D | Gewinde Thread | Steigend rising | Art.-Nr. Art.-No. |
|---|-------------|------|------|----------------|-----------------|-------------------|
| Spannzangen/collet Reihe/row 9000 | | | | | | |
| 9007 E | SE 16/18 | 32 | 41,5 | M 30 x 1 L | 1,0 | 9001600 |
| 9049 E | AF/SE/SF.. | 46 | 60,3 | M 40 x 1,5 L | 1,0 | 9001610 |
| 9070 E | SD/VD AF/SF | 53 | 69,3 | M 47 x 1,5 L | 1,0 | 9001620 |
| 9112 E | SF42/AD40 | 62,9 | 78,3 | M 56 x 1,5 L | 1,0 | 9001630 |
| 9015 E | SF12/13 | 25 | 36,1 | M 22 x 1 L | 1,0 | 9002160 |
| 9016 E | SF 20 | 32 | 41,5 | M30 x 1 L | 1,0 | 9001640 |
| Vorschubzangen/feed fingers Reihe/row 9000 | | | | | | |
| 9255 E | SE 16/18 | 23 | 25 | M 23 x 1 | 1,0 | 9001650 |
| 9261 E | SF12/13 | 19,6 | | M 18 x 1 | 1,0 | 9002090 |
| 9262 E | SF20/AG20 | 25 | 27 | M 25 x 1 | 1,0 | 9001660 |
| 9282 E | SE 25/SF26 | 33 | 34,7 | M 30 x 1,5 | 1,0 | 9001670 |
| 9319 E | SF32/SD 32 | 40 | 41,8 | M 38 x 1,5 | 1,0 | 9001680 |
| 9372 E | SF42/SF40 | 49 | 51 | M 48 x 1,5 | 1,0 | 9001690 |
| 9039 E | | 46 | 62,5 | M 40 x 1,5 L | 1,0 | 9001590 |

Spann-/Vorschubzangen – passend für Gildemeister
Collets-/feed fingers – suitable for Gildemeister



Art.-Nr. 9001700



Art.-Nr. 9001760

| Einheits-Nr. Unit No. | für Maschine for machine | d | D | L | Art.-Nr. Art.-No. |
|---|--------------------------|------|------|-------|-------------------|
| Spannzangen/collet Reihe/row 9000 | | | | | |
| 9012 E m. Querrillen* | AS/GS/GM20 | 34 | 42 | 90 | 9001700 |
| 9013 E | AS 12 | 26,8 | 34 | 83,5 | 9002100 |
| 9017 E ** | AS/GS/GM20 | 38 | 45,5 | 90 | 9001710 |
| 9069 E ** | AS/GS/GM32/35 | 53 | 69,4 | 139 | 9001720 |
| 9045 E | AS 25 | 45 | 60,4 | 159 | 9002110 |
| 9046 E | GS 25 | 45 | 60,4 | 159 | 9002120 |
| 9081 E | GS 35 | 56 | 72 | 131 | 9002130 |
| 9132 E | AS 48 | 70 | 90,4 | 167,5 | 9001730 |
| Vorschubzangen/feed fingers Reihe/row 9000 | | | | | |
| 9258 E | AS16, AS/GS/GM20 | 25 | 25 | 90 | 9001740 |
| 9288 E | AS16, AS/GS/GM20 | 30 | 30,5 | 90 | 9001750 |
| 9316 E (M38x1,5 li) | GM32 | 39,8 | 41,2 | 136 | 9001760 |
| 9368 E | AA/AS/AV 48 | 56 | 57 | 160 | 9001770 |
| 9287 E | AS 25 | 32,5 | 33 | 140 | 9002140 |
| 9316 E | AS/AV 32 | 39,8 | 41,2 | 136 | 9002150 |

**Längs-/Querrillen = longitudinal grooves/transverse grooves
*with transverse grooves

* Preis für Standard-Abmessung
* Price for standard dimension

**ER Spannzangen/ER Collets Reihe 400
passend für/suitable for Langdreher Star, Citizen...**



Art.-Nr. 9001920

| Unit No. | ER | D | L | Standard | Steigend rising | Art.-Nr. Art.-No. |
|----------|-------|----|------|----------|-----------------|-------------------|
| 4004 E | ER 8 | 8 | 13,8 | 3-5 | 0,5 | 9001870 |
| 4008 E | ER 11 | 11 | 17 | 3-7 | 0,5 | 9001880 |
| 426 E | ER 16 | 17 | 28 | 3-10 | 1,0 | 9001890 |
| 428 E | ER 20 | 21 | 32 | 3-13 | 1,0 | 9001900 |
| 430 E | ER 25 | 26 | 34 | 3-16 | 1,0 | 9001910 |
| 470 E | ER 32 | 33 | 40 | 3-20 | 1,0 | 9001920 |
| 472 E | ER 40 | 41 | 46 | 4-26 | 1,0 | 9001930 |
| 477 E | ER 50 | 52 | 60 | 12-34 | 2,0 | 9001940 |

**Vorschubzangen/Feed fingers Reihe 200
passend für/suitable for Traub, Index...**



Art.-Nr. 9001960

| Unit No. | Ø D | L | Gewinde Thread | Standard | Art.-Nr. Art.-No. |
|----------|-----|-----|----------------|----------|-------------------|
| 220 E | 24 | 85 | M 22 x 1 L | 3-18 | 9001950 |
| 237 E | 31 | 90 | M 29 x 1 L | 3-25 | 9001960 |
| 254 E | 42 | 116 | M 40 x 1 L | 4-36 | 9001970 |
| 273 E | 60 | 140 | M 58 x 1 L | 10-52 | 9001980 |

**Zugspannzangen/Draw back collets Reihe 300
passend für/suitable for Traub, Weiler ...**



Art.-Nr. 9002290

| Unit No. | d | D | L | Stand. | Steigend rising | Art.-Nr. Art.-No. |
|----------|-------|------|-----|--------|-----------------|-------------------|
| 324 E | 15 | 21,5 | 56 | 3-13 | 0,5 | 9002270 |
| 358 E | 23 | 32 | 86 | 3-20 | 0,5 | 9002280 |
| 385 E | 31,75 | 37,5 | 83 | 3-26 | 1,0 | 9002290 |
| 386 E | 32 | 45 | 115 | 3-29 | 0,5 | 9002300 |

* Preis für Standard-Abmessung
* Price for standard dimension



Art.-Nr. 9002500



Art.-Nr. 9002530

**Spann-/Vorschubzangen – passend für Tornos
Collets-/feed fingers – suitable for Tornos**

| Unit No. | d | D | L | Gewinde Thread | for machine | Art.-Nr. Art.-No. | |
|---|------|----|-----|----------------|-------------|-------------------|--|
| Spannzangen/collet Reihe/row 9000 | | | | | | | |
| 9001 E | 25 | 35 | 73 | M 22 x I | AS/BSI4 | 9002500 | |
| 9021 E | 25 | 35 | 92 | M 25 x I | AS/SASI6 | 9002510 | |
| 9020 E | 36 | 45 | 107 | M 33 x I,25 | BS20 | 9002520 | |
| Vorschubzangen/feed fingers Reihe/row 9000 | | | | | | | |
| 9251 E | 17,9 | | 70 | M 16 x 0,75 | AS/BSI4 | 9002530 | |
| 9265 E | 22,8 | | 98 | M 20 x 0,75 | AS/SASI6 | 9002540 | |
| 9266 E | 28,7 | | 116 | M 25 x I | BS20 | 9002550 | |

**Verstellbare Führungsbüchsen mit Hartmetalleinsatz
Adjustable guidance can with carbide employment**



Art.-Nr. 9002390

| Unit No. | d | D | L | Gewinde Thread | Standard mm | Steigung rising | Art.-Nr. Art.-No. |
|----------|----|------|------|----------------|-------------|-----------------|-------------------|
| I 351 | 9 | 12,5 | 44 | M8 x 0,75 | 4,1-5,0 | 0,1 | 9002310 |
| F 3001 | 11 | 14,5 | 53 | M10 x 0,75 | 4,1-5,0 | 0,1 | 9002320 |
| I 353 | 16 | 19,5 | 59 | M14 x I | 4,1-5,0 | 0,1 | 9002330 |
| F 853 | 18 | 22 | 61 | M16 x I | 4,1-5,0 | 0,1 | 9002340 |
| T 221 | 21 | 24 | 57,5 | M18xI | 3,5-4,0 | 0,5 | 9002350 |
| I 354 | 22 | 29 | 68 | M19xI | 3,5-4,0 | 0,5 | 9002360 |
| F 391 | 22 | 29 | 68 | M22xI | 3,5-4,0 | 0,5 | 9002370 |
| F 605 | 24 | 29,5 | 61 | M24xI | 3,5-4,0 | 0,5 | 9002380 |
| T 223 | 28 | 34 | 82 | M25xI | 3,5-4,0 | 0,5 | 9002390 |
| T 227 | 34 | 41 | 87,5 | M34xI | 3,5-4,0 | 0,5 | 9002400 |
| T 229 | 42 | 49 | 82 | M40xI | 6,0-10,0 | 1,0 | 9002410 |

Andere Abmessungen anfragen, erhältlich von ca. 0,8 – 32,0 mm, auch in 4- und 6-kant
other dimensions inquire, available from approx. 0,8 – 32,0 mm, also in square and hexagon

* Preis für Standard-Abmessung
* Price for standard dimension