



**PRODUCT  
CATALOG  
PRODUKT  
KATALOG**



The largest PTO company in Turkey from one of the leading manufacturer of cardan shafts.

SPT improve his products since founding in 1994 and renews his technologies.

SPT set great store for his quality with the best prices. We provide products to customers in around the world.

SPT has a long tradition of pto cardan shaft and innovation since his foundation.

We continue to progress our product line and services to meet emerging customer needs.

*SPT ist Eines der größten führenden Herstellerfirmen in der Türkei die Gelenkwellen herstellt.*

*SPT verbessert seine Producte seit seienr Gründung in 1994 und erneuert seine technologien*

*SPT setzt ein großen Wert auf seine Qualität mit den besten Preisen.  
Wir versorgung mit unseren Produkten unsere Kunden auf der ganzen Welt.*

*SPT hat seit seiner Gründung eine lange tradition Gelenkwellenherstellen.*

*Wir verbessern ständig die Entwicklung unsere Produkte und Services um die Erwartungen unserer Kunden gerecht zu werden.*





# INDEX

|                                                                                                                       |    |
|-----------------------------------------------------------------------------------------------------------------------|----|
| PTO CODE DESCRIPTION <i>KODBESCHREIBUNG DER GELENKWELLE</i>                                                           | 1  |
| CARDAN SHAFT CODE <i>GELENKWELLE KOD</i>                                                                              | 1  |
| LABELS AND ITEM CODES <i>PRODUKTETIKETTEN UND PRODUKTKODS</i>                                                         | 2  |
| PTO'S AND HIS APPLICATION POSSIBILITIES <i>GELENKWELLE UND IHRE NUTZUNGSBEREICHE</i>                                  | 3  |
| LUBRICATION PERIODS AND LUBRICATION POINTS FROM THE PTO'S                                                             | 4  |
| <i>SCHMIERUNGSPERIODEN UND SCHMIERUNGSPUNKTE DER GELENKWELLE</i>                                                      |    |
| PTO SERIES, CROSS KIT SIZES AND TUBE SIZES                                                                            | 5  |
| <i>GELENKWELLE SERIEN, KREUTZGELENK MÄßE UND ROHRPROFIL MÄßE</i>                                                      |    |
| SERIES 1 / <i>SERIE 1</i>                                                                                             | 6  |
| SERIES 2 / <i>SERIE 2</i>                                                                                             | 8  |
| SERIES 3 / <i>SERIE 3</i>                                                                                             | 12 |
| SERIES 4 / <i>SERIE 4</i>                                                                                             | 16 |
| SERIES 4,5 / <i>SERIE 4,5</i>                                                                                         | 18 |
| SERIES 5 / <i>SERIE 5</i>                                                                                             | 20 |
| SERIES 6 / <i>SERIE 6</i>                                                                                             | 24 |
| SERIES 7 / <i>SERIE 7</i>                                                                                             | 26 |
| SERIES 8 / <i>SERIE 8</i>                                                                                             | 30 |
| PTO PLASTIC PROTECTION <i>PLASTIKSCHUTZHÜLLE FÜR GELENKWELLE</i>                                                      | 32 |
| PROTECTION SPARE PARTS <i>SCHUTZHÜLLENERSATZTEILE</i>                                                                 | 32 |
| FRICTION LIMITER CLUTCHES WITH 2 FRICTION LINING <i>REIBSCHEIBEN KUPPLUNGEN MIT 2 REIBSCHEIBEN</i>                    | 33 |
| SPARE PARTLIST FOR THE FRICTION LIMITER CLUTCHES WITH 2 FRICTION LINING                                               | 35 |
| <i>ERSATZTEILLISTE FÜR REIBSCHEIBENKUPPLUNGEN MIT 2 REIBSCHEIBEN</i>                                                  |    |
| FRICTION LIMITER CLUTCHES WITH 4 FRICTION LINING <i>REIBSCHEIBEN KUPPLUNGEN MIT 4 REIBSCHEIBEN</i>                    | 36 |
| OVERRUNNING CLUTCH <i>FREILAUF KUPPLUNG</i>                                                                           | 37 |
| SPARE PARTLIST FOR THE OVERRUNNING CLUTCHES <i>ERSATZTEILLISTE FÜR FREILAUFKUPPLUNGEN</i>                             | 38 |
| TORQUE LIMITER CLUTCH <i>STERNRATSCHEN KUPPLUNG</i>                                                                   | 39 |
| SPARE PARTSLIST FOR THE TORQUE LIMITER CLUTCHES <i>ERSATZTEILE FÜR STERNRATSCHEKUPPLUNG</i>                           | 40 |
| SHEAR BOLT LIMITER CLUTCH <i>SCHER BOLZEN KUPPLUNG</i>                                                                | 41 |
| FRICTION LIMITER CLUTCHES WITH 2 FRICTION LINING <i>REIBSCHEIBENKUPPLUNGEN MIT 2 REIBSCHEIBEN</i>                     | 42 |
| FRICTION LIMITER CLUTCHES WITH 2 FRICTION LINING <i>REIBSCHEIBEN KUPPLUNGEN MIT 2 REIBSCHEIBEN</i>                    | 43 |
| OVERRUNNING CLUTCH COMPLETE SET WITH CROSS KIT <i>KOMPLETSATZ DER STERNRATSCHEKUPPLUNG MIT KREUTZGELENKEN</i>         | 44 |
| OVERRUNNING CLUTCH COMPLETSET WITH CROSS KIT <i>KOMPLETSATZ DER STERNRATSCHEKUPPLUNG MIT KREUTZGELENKEN</i>           | 45 |
| DOUBLE JOINT WITH 2 CROSS KITS / DOUBLE YOKE <i>DOPPELSEITIGE ZWISCHENSCHAFT MIT 2 KREUTZGELENKEN / DOPPELGABEL</i>   | 46 |
| GELENKWELLEN - EINZELTEILE H - TYPE <i>SINGLE JOINT H - TYPE</i>                                                      | 47 |
| SINGLE JOINT T - TYPE <i>GELENKWELLEN - EINZELTEILE T - TYPE</i>                                                      | 48 |
| SINGLE JOINT F - TYPE <i>GELENKWELLEN - EINZELTEILE F - TYPE</i>                                                      | 49 |
| DOUBLE JOINT WITH BOTH SIDE SPLINED PUSH PIN YOKE <i>DOPPELSEITIGE GELENKWAELE MIT BEIDSEITIGER SCHIEBESTIFTGABEL</i> | 50 |
| FLANGE YOKES <i>FLANSCHGABEL</i>                                                                                      | 51 |
| POWER TAKE OFFS (PTO'S) <i>GELENKWELLE</i>                                                                            | 52 |
| PTO ADAPTER <i>GELENKWELLEADAPTER</i>                                                                                 | 53 |
| GUARD CONE - TYPE 90 -OVAL <i>OVAL KOPFSCHUTZ</i>                                                                     | 54 |
| BALE MACHINE SET OF THE SHAFTS <i>SCHAFT-SET</i>                                                                      | 58 |



# SAFETYWARNINGS AND USING CONDITIONS FROM THE CARDAN SHAFTS

## SICHERHEITZWARNUNGEN UND NUTZUNGSBEDINGUNGEN DER GELENKWELLE



### BEFORE USING THE SHAFT

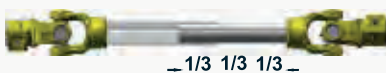
Take a save that PTO guards are installed on the tractor and machine and that the lengths from the guards are enough long to protect the user from the rotating parts, horizontal and vertical parts when the pto are working.

Insufficient guard lengths are jeopardize the user safety. Make sure that the caps of the shaft are properly fitted on the tractor and machine. Paying attention to install the side where the tractor mark on the shaft guard is located on the tractor power take off. Attache the shaft guard to the tractor and the machine with suitable chains preventing rotation. Under no circumstances, operate the shaft without guards and chains fixed.

### VOR DER VERWENDUNG DES SCHAFTES

*Versichern Sie sich, wenn das Schaft an den Traktor und die Maschine montiert ist, alle rotierenden Teile für horizontalen und vertikalen Arbeitswinkeln, lang genug ist um rotierenden Teile gänzlich zu decken. Wenn das Schaft bei maximum Arbeitswinkel ist, überprüfen Sie, dass die Gehäuse die rotierenden Teile gänzlich deckt. Unzureichende Decklänge kann die Sicherheit des Operators gefährden. Befestigen Sie die Schaft-Köpfe mit entsprechende Ketten an die Maschine und Traktor. Verwenden Sie den Schaft niemals ohne Sicherung und Kette.*

Please select the shaft type according to the machine torque and power.  
*Bitte waehlen den Shafttype gemaess nach dem Maschinentork und Kraft.*



— 1/3 1/3 1/3 —



" True - Vahr "

### OPERATING ANGLE

Please stop the tractor when the angle of the joints exceeds 17° (at sharp turns). Only wide angle joints can operate up to 70° - 80° at sharp turns depending on the type.

### ARBEITSLÄNGE

*Stoppen Sie bitte den Traktor wenn die v Winkelgrade der Gabeln/Sicherheitskupplungen die 35° Grad überschreitet. Nur Weitwinkelzapfwellen können in 70° - 80° Grade scharfe Umdrehungen je nach type v vbewerkstelligen.*

### OPERATING LENGTH

The Length from from the cardan shaft during the operation must be not more than 1/3 lenght.

### ARBEITSLÄNGE

*Die Laenge der Gelenkwelle darf waehrend des Betriebes darf nicht über 1/3 überschritten werden.*

### HANDLING

The PTO must be retain from middle point

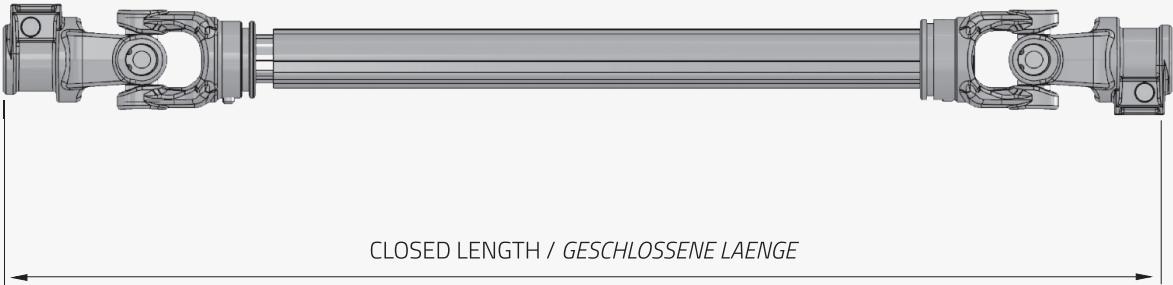
### HANDHABUNG

*Die Gelenkwelle muss mittig festgehalten werden.*



PTO CODE DESCRIPTION

KODBESCHREIBUNG DER GELENKWELLE



K: WITH COVER /  
MIT SCHUTZ

L: WITHOUT COVER /  
OHNE SCHUTZ

T: TRIANGLE TUBE / DREIECK PROFIL ROHRE

H: HEXAGON TUBE / SECHKANT ROHR

F: SPINDLE TUBE / SPINDELROHR

X: STAR TUBE / STAR ROHRE

T: TRACTOR SIDE / TRAKTOR SEITE

CODE FOR YOKES OR SAFETY DEVICE

KODE FÜR GABEL ODER KUPPLUNG

M: MACHINE SIDE / MASCHINEN SEITE

CODE FOR YOKES OR SAFETY DEVICE

KODE FÜR GABEL ODER KUPPLUNG

CARDAN SHAFT LENGTHS IN MM

ZAPFWELLENLAENGE IN MM

CARDAN SHAFT CODE

GELENKWELLE KOD

K

T

2

1

0

1

5

3

0

0

9

0

- K** CARDAN SHAFT WITH COVER  
ZAPFWELLE MIT SCHUTZ

**101** PUSH PIN YOKE WITH 1 3/8" Z6 SPLINE <=TRACTOR SIDE / TRACKTOR SEITE  
GABEL MIT 1 3/8" Z6 PROFIL
- T** CARDAN SHAFT WITH TRIANGLE TUBE  
ZAPFWELLE MIT DREIECK PROFIL ROHR

**530** PUSH PIN YOKE WITH 1 3/8" Z6 SPLINE <=MACHINE SIDE / MACHINEN SEITE  
GABEL MIT 1 3/8" Z6 PROFIL
- 2** SERIES 2 CARDAN SHAFT  
SERIE 2 GELENKWELLE

**090** CLOSED LENGTH FROM THE CARDAN SHAFT IS 090 CM  
GESCHLOSSENE LAENGE DER GELENKWELLE IST 090 CM

## LABELS AND ITEM CODES

### PRODUKTETIKETTEN UND PRODUKTKODS



51.100.108

ITEM LABEL (ITEM CODES)  
PRODUKT ETIKETTE (PRODUKT CODE)



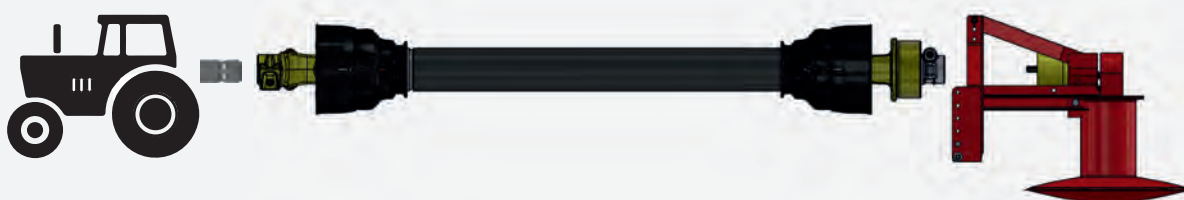
51.100.102

LABELS - ETIKETTE



51.100.104

USER MANUAL / MAINTENANCE INSTRUCTION  
GEBRAUCHSANLEITUNG / WARTUNGSANLEITUNG



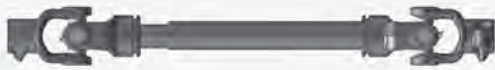


# PTO'S AND HIS APLICATION POSSIBILITIES

## GELENKWELLE UND IHRE NUTZUNGSBEREICHE

### STANDARD SHAFT / STANDARD GELENKWELLE

S.2



Spraying Machine  
Fertilizer Spreader  
Reaper Binder  
Sail Reaper

*Fahrbare Sprühgeräte  
Fahrbare Sprühgeräte  
Mähbinder  
Getreideableger*

### FRICTION LIMITER CARDAN SHAFT / GELENKWELLE MIT REIBSCHEIBEN KUPPLUNG

S.2

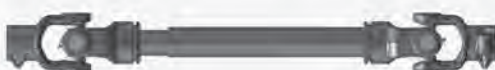


Lawn Mower Machine

*Rasenmäähmaschine*

### STANDARD SHAFT / STANDARD GELENKWELLE

S.3



Potato Harvester  
Hole Digger  
Straw Elevator  
Spraying Machine  
Coulter Type Pneumatic Planter

*Kartoffelerntemaschine  
Erdbohrmaschine  
Streuhäcksler  
Fahrbare Sprühgeräte  
Einzelkornsäemaschinen*

### FRICTION LIMITER CARDAN SHAFT / GELENKWELLE MIT REIBSCHEIBEN KUPPLUNG

S.3



Rotary Tiller  
Bailing Machine

*Bodenfräse  
Ballenmaschine*

### TORQUE LIMITER SHAFT / GELENKWELLE MIT STERNRATCHENKUPPLUNG

S.5



Diverse Agritechnical Machines

*Unterschiedliche Landmaschinen*

### OVERUNNING CLUTCH SHAFT / GELENKWELLE MIT FREILAUFKUPPLUNG

S.3-4

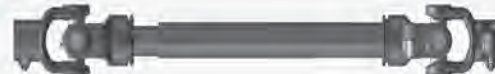


Forage Harvester  
Maize Chopper  
Drum Mower  
All Machine With High Cyclical

*Feldhäcksler  
Maishäcksler  
Trommelmäher  
Alle Maschinen Mit Hoh. Drehcyclus*

### STANDARD SHAFT / GELENKWELLE STANDARD

S.5-6-7



Inter Row Cultivator

*Reihenfräse*

### WIDE ANGLE JOINT SHAFT / GELENKWELLE MIT WEITWINKELKUPPLUNG

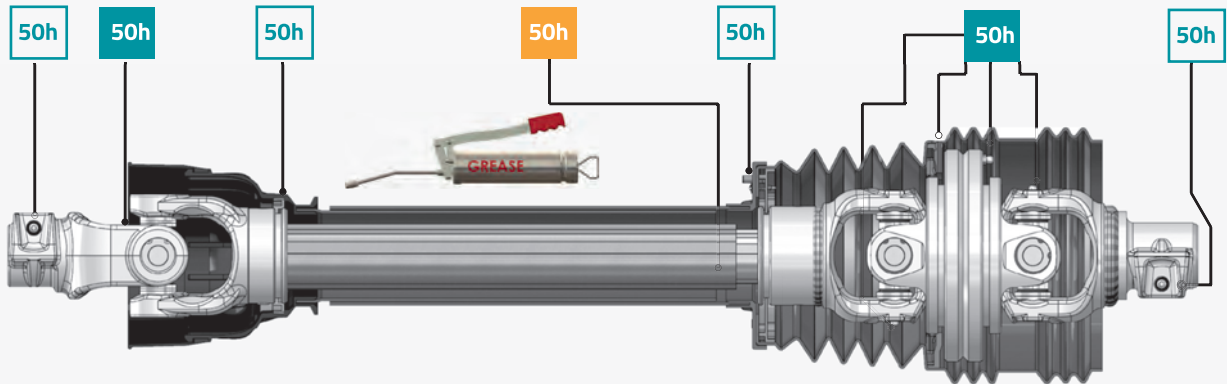
S.2-3-5-7



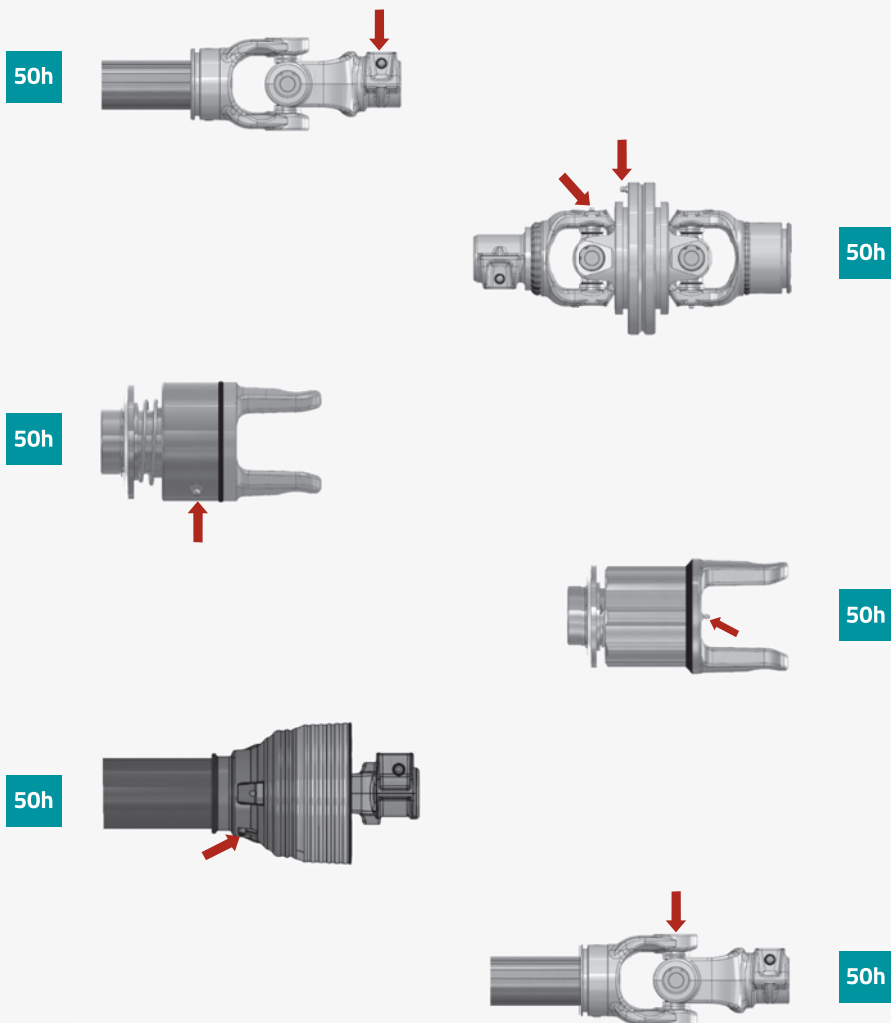
Trailed Field Sprayer  
Straw Baler Machine  
Maize Harvester

*Anhängefeldspritze  
Strohwickelmaschine  
Mais Mähdrescher*

# LUBRICATION PERIODS AND LUBRICATION POINTS FROM THE PTO'S *SCHMIERUNGSPERIODEN UND SCHMIERUNGSPUNKTE DER GELENKWELLE*

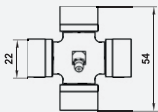
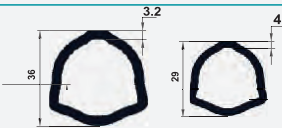
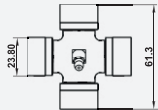
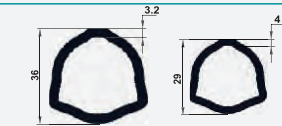
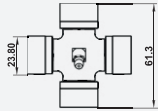
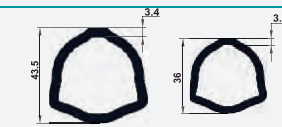
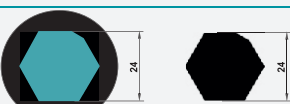
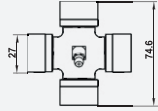
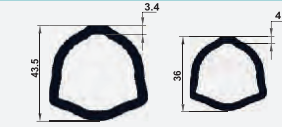
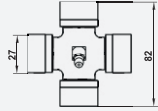
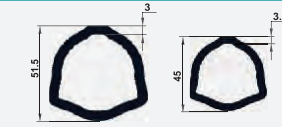
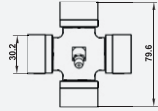
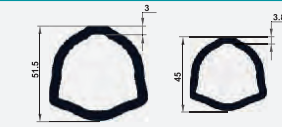
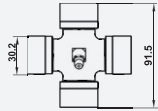
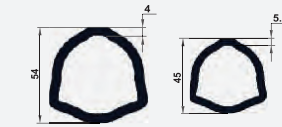
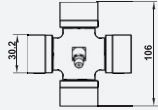
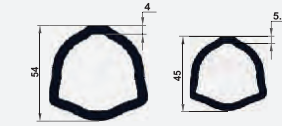
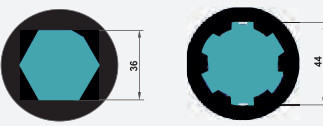
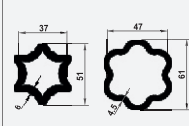
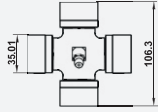
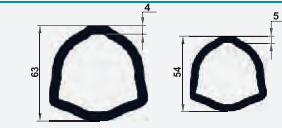
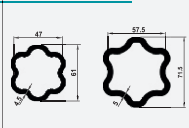
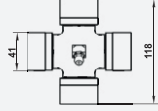
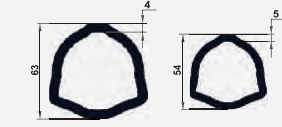
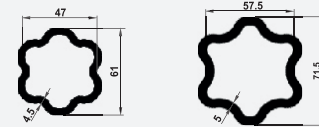


## LUBRICATION POINTS / SCHMIERUNGSPUNKTE



# PTO SERIES, CROSS KIT SIZES AND TUBE SIZES

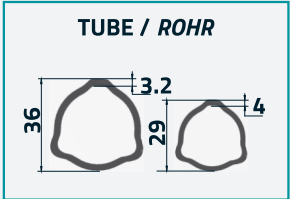
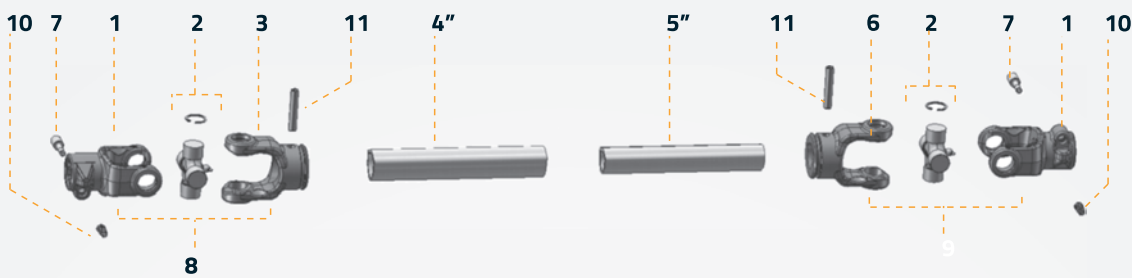
## GELENKWELLE SERIEN, KREUTZGELENK MAßE UND ROHRPROFIL MAßE

|    | CROSS FIT                                                                           | T SERIES                                                                            | F-H SERIES                                                                           | X SERIES                                                                              |
|----|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| 1  |    |    |                                                                                      |                                                                                       |
| 12 |    |    |                                                                                      |                                                                                       |
| 2  |    |    |    |                                                                                       |
| 3  |    |    |    |                                                                                       |
| 4  |    |    |    |                                                                                       |
| 45 |  |   |   |                                                                                       |
| 5  |  |  |  |                                                                                       |
| 6  |  |  |  |  |
| 7  |  |  |  |  |
| 8  |  |  |  |  |

| SERIES | 540 MIN - D/D - RPM |     |             |        | 1000 MIN - D/D - RPM |     |             |        | MAXIMAL DYNAMIC TORQUE |        |
|--------|---------------------|-----|-------------|--------|----------------------|-----|-------------|--------|------------------------|--------|
| SERIE  | POWER<br>LEISTUNG   |     | TORK MOMENT |        | POWER<br>LEISTUNG    |     | TORK MOMENT |        |                        |        |
|        | KW                  | HP  | N.M         | LN. LB | KW                   | HP  | N.M         | LN. LB |                        |        |
| 1      | 12                  | 16  | 210         | 1,850  | 12                   | 16  | 172         | 1,500  | 320                    | 2,850  |
| 2      | 15                  | 21  | 270         | 2,400  | 15                   | 21  | 220         | 1,950  | 450                    | 4,000  |
| 3      | 26                  | 35  | 460         | 4,050  | 26                   | 35  | 380         | 3,350  | 780                    | 6,900  |
| 4      | 30                  | 41  | 540         | 4,700  | 30                   | 41  | 450         | 3,970  | 950                    | 8,400  |
| 45     | 35                  | 47  | 620         | 5,500  | 35                   | 47  | 520         | 4,600  | 1,050                  | 9,300  |
| 5      | 47                  | 64  | 830         | 7,350  | 47                   | 64  | 710         | 6,250  | 145                    | 12,850 |
| 6      | 55                  | 75  | 970         | 8,600  | 55                   | 75  | 830         | 7,350  | 1,800                  | 15,950 |
| 7      | 70                  | 95  | 1,240       | 10,980 | 70                   | 95  | 1,050       | 9,300  | 2,250                  | 19,900 |
| 8      | 106                 | 145 | 1,890       | 16,700 | 106                  | 145 | 1,630       | 14,400 | 3,800                  | 33,650 |

SPARE PARTS  
ERSATZTEILE

SERIES 1 / SERIE 1



| PICTURE NR.<br>BILD NR. | 1           | 2            | 3           | 4           | 5           | 6           | 7           | 8             | 9             | 10           | 11           |
|-------------------------|-------------|--------------|-------------|-------------|-------------|-------------|-------------|---------------|---------------|--------------|--------------|
| CODE<br>CODE            | 101.100.101 | 9107.100.111 | 104.100.702 | 105.100.702 | 105.100.701 | 104.100.701 | 106.100.111 | 1TKD1.101.702 | 1TKE1.101.701 | 9125.100.107 | 9134.100.104 |

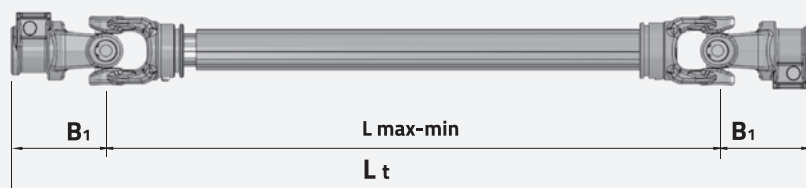
CONNECTION DEVICES FOR THE TRACTOR AND MACHINE SIDE  
VERBINDUNGSELEMENTE FÜR DIE TRAKTOR UND MASCHINEN SEITE

| CODE / CODE | K  | DK | L2 | L1 | D1         | CONNENTION / VERBINDUNG                                                                      | PICTURE / BILD |
|-------------|----|----|----|----|------------|----------------------------------------------------------------------------------------------|----------------|
| 101.100.101 |    |    | 15 | 92 | 1 3/8" Z6  | PUSH PIN YOKE<br>GABEL MIT SCHIEBESTIFT                                                      |                |
| 101.100.102 |    |    | 15 | 92 | 1 3/8" Z21 |                                                                                              |                |
| 101.100.103 |    |    | 15 | 92 | 1 1/8" Z6  |                                                                                              |                |
| 101.100.106 |    |    | 15 | 92 | 32X38X Z8  |                                                                                              |                |
| 101.100.201 |    |    | 15 | 92 | 1 3/8" Z6  | TAPER PIN YOKE<br>GABEL MIT KONISCHER<br>KLEMMSCHRAUBE                                       |                |
| 101.100.202 |    |    | 15 | 92 | 1 3/8" Z21 |                                                                                              |                |
| 101.100.203 |    |    | 15 | 92 | 1 1/8" Z6  |                                                                                              |                |
| 101.100.206 |    |    | 15 | 92 | 32X38X Z8  |                                                                                              |                |
| 102.100.330 | 8  |    | 15 | 92 | 30         | ROUND BORE<br>WITH PIN HOLE<br>STANDARD GABEL MIT<br>PINLOCH                                 |                |
| 102.100.325 | 8  |    | 15 | 92 | 25         |                                                                                              |                |
| 102.100.322 | 8  |    | 15 | 92 | 22         |                                                                                              |                |
| 102.100.320 | 8  |    | 15 | 92 | 20         |                                                                                              |                |
| 102.100.430 | 8  | M8 | 15 | 92 | 30         | YOKE WITH KEYWAY<br>A, TAPPED<br>HOLE<br>GABEL MIT NUT UND<br>GEWINDEBOHRUNG                 |                |
| 102.100.425 | 8  | M8 | 15 | 92 | 25         |                                                                                              |                |
| 102.100.422 | 8  | M8 | 15 | 92 | 22         |                                                                                              |                |
| 102.100.420 | 8  | M8 | 15 | 92 | 20         |                                                                                              |                |
| 101.100.530 | 10 |    | 15 | 92 | 30         | ROUND BORE, INTERFERING<br>RECESSED, CLAM BOLT<br>GABEL MIT NUT, G.BOHRUNG,<br>K. KLSCHRAUBE |                |
| 101.100.525 | 8  |    | 15 | 92 | 25         |                                                                                              |                |
| 101.100.522 | 8  |    | 15 | 92 | 22         |                                                                                              |                |
| 101.100.520 | 8  |    | 15 | 92 | 20         |                                                                                              |                |
| 102.100.601 |    |    |    | 92 | 1 3/8" Z6  | SPLINED YOKE<br>PROFILGABEL                                                                  |                |
| 102.100.602 |    |    |    | 92 | 1 3/8" Z21 |                                                                                              |                |
| 102.100.603 |    |    |    | 92 | 1 1/8" Z6  |                                                                                              |                |

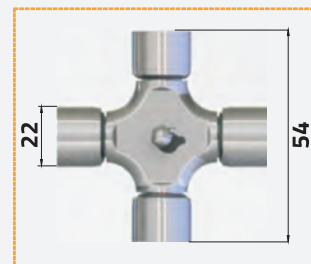


# SAFETY DEVICES / CARDAN SHAFT LENGTHS / SPECIFICATIONS SICHERHEITSKUPPLUNGEN / GELENKWELLENLÄNGE / SPEZIFIKATIONEN

## SERIES 1 / SERIE 1



Lengths / Minimum & Maximum Länge

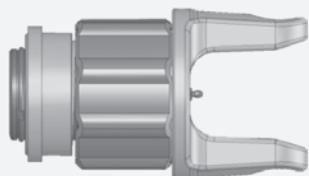


## PERIOD/ZYKLUS

|       | MM  | INC   | MM  | INC   | MM  | INC   | MM   | INC   | MM   | INC   | MM   | INC   | MM   | INC   | MM   | INC   | MM   | INC   | MM   | INC   |
|-------|-----|-------|-----|-------|-----|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|
| L min | 460 | 18"   | 510 | 20"   | 560 | 22"   | 660  | 26"   | 760  | 30"   | 860  | 35"   | 910  | 36"   | 1010 | 40"   | 1110 | 44"   | 1210 | 48"   |
| L max | 660 | 26"   | 710 | 30"   | 830 | 33"   | 1000 | 40"   | 1150 | 45"   | 1250 | 49"   | 1400 | 55"   | 1580 | 62,2" | 1750 | 69"   | 1000 | 75"   |
| B1    | 92  | 3,62" | 92  | 3,62" | 92  | 3,62" | 92   | 3,62" | 92   | 3,62" | 92   | 3,62" | 92   | 3,62" | 92   | 3,62" | 92   | 3,62" | 92   | 3,62" |
| Lt    | 644 | 25,4" | 694 | 27,3" | 744 | 29,3" | 844  | 33,2" | 944  | 37,2" | 1044 | 41,1" | 1094 | 43,1" | 1194 | 47"   | 1294 | 50,9" | 1394 | 54,9" |

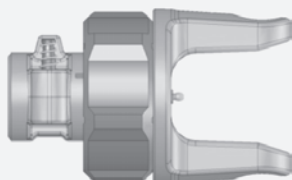
| 540              | RPM / RPM | 1<br>MIN / MIN | 1000             | RPM / RPM | 1<br>MIN / MIN |                                             |
|------------------|-----------|----------------|------------------|-----------|----------------|---------------------------------------------|
| POWER / LEISTUNG |           |                | POWER / LEISTUNG |           |                | MAXIMAL DYNAMIC TORQUE<br>MAXIMALE LEISTUNG |
| VALUES / WERTE   |           |                | VALUES / WERTE   |           |                |                                             |
| KW               |           | 12             | KW               |           | 18             |                                             |
| HP               |           | 16             | HP               |           | 25             |                                             |
| N.m              |           | 210            | N.m              |           | 172            | 320                                         |
| l.n.Lb           |           | 1850           | l.n.Lb           |           | 1500           | 2850                                        |

## TORQUE LIMITER CLUTCH / STERNRATCHEN KUPPLUNG



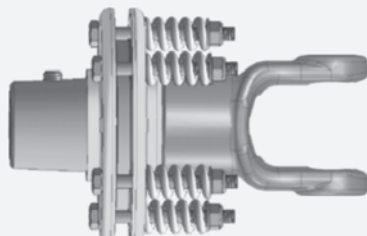
| TYPE | TORQUE   | APPLICATION DETAILS  | CODE         |
|------|----------|----------------------|--------------|
| TYP  | LEISTUNG | INSTALLATIONSDETAILS | CODE         |
| TR1  | 260      | 1 3/8" Z6            | 1TR1.100.930 |
| TR1  | 260      | 1 3/8" Z21           | 1TR1.100.931 |
| TR1  | 260      | Ø30                  | 1TR1.100.932 |
| TR2  | 500      | 1 3/8" Z6            | 1TR2.100.933 |
| TR2  | 500      | 1 3/8" Z21           | 1TR2.100.934 |
| TR2  | 500      | Ø30                  | 1TR2.100.935 |

## OVERRUNING CLUTCH / FREILAUF KUPPLUNG



| TYPE | TORQUE   | APPLICATION DETAILS  | CODE         |
|------|----------|----------------------|--------------|
| TYP  | LEISTUNG | INSTALLATIONSDETAILS | CODE         |
| CR1  |          | 1 3/8" Z6            | 1CR1.100.910 |
| CR1  |          | 1 3/8" Z21           | 1CR1.100.911 |
| CR1  |          | 32X38X8              | 1CR1.100.918 |
| CR2  |          | 1 3/8" Z6            | 1CR2.100.912 |
| CR2  |          | 1 3/8" Z21           | 1CR2.100.913 |
| CR2  |          | 32X38X8              | 1CR2.100.919 |

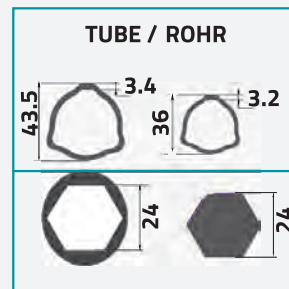
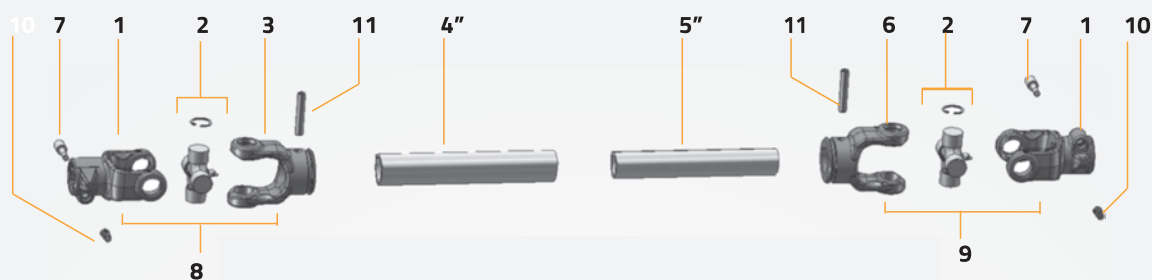
## FRICTION LIMITER CLUTCH / REIBSCHEIBEN KUPPLUNG



| TYPE | TORQUE   | APPLICATION DETAILS  | CODE         |
|------|----------|----------------------|--------------|
| TYP  | LEISTUNG | INSTALLATIONSDETAILS | CODE         |
| B50  | 300      | 1 3/8" Z6            | 1B50.100.950 |
| B50  | 300      | 1 3/8" Z21           | 1B50.100.951 |
| B50  | 300      | Ø30 d1=M10 d2=M8     | 1B50.100.952 |
| B50  | 300      | Ø25 d1=M10 d2=M8     | 1B50.100.953 |
| B50  | 300      | Ø30 d3=M10           | 1B50.100.954 |
| B50  | 300      | Ø35 d3=M10           | 1B50.100.955 |

# SPARE PARTS ERSATZTEILE

## SERIES 2 / SERIE 2



| PICTURE NR.<br>BILD NR. | 1           | 2            | 3           | 4                          | 5                          | 6           | 7           | 8                              | 9                            | 10           |
|-------------------------|-------------|--------------|-------------|----------------------------|----------------------------|-------------|-------------|--------------------------------|------------------------------|--------------|
| CODE<br>CODE            | 101.200.101 | 9107.200.111 | 104.200.704 | 105.200.704<br>105.200.824 | 105.200.702<br>153.200.824 | 104.200.702 | 106.100.111 | 1TKD2.101.704<br>1TKD2.101.802 | 1TKE.101.702<br>1TKE.101.801 | 9125.100.107 |

## CONNECTION DEVICES FOR THE TRACTOR AND MACHINE SIDE VERBINDUNGSELEMENTE FÜR DIE TRAKTOR UND MASCHINEN SEITE

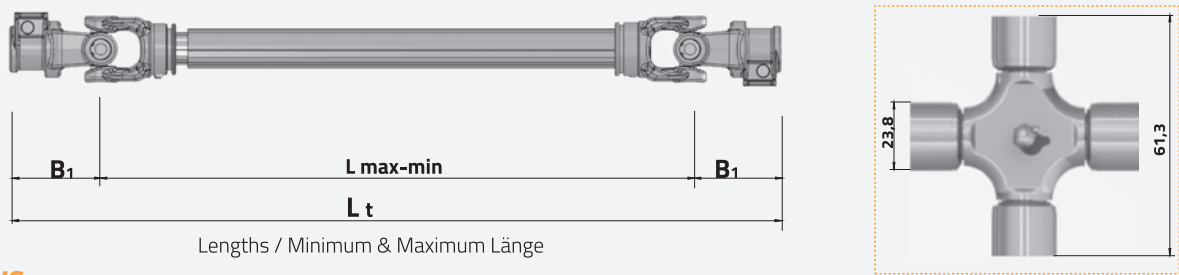
| CODE / CODE | K  | DK  | L2 | L1  | D1         | CONNECTION / VERBINDUNG                                                                             | PICTURE / BILD |
|-------------|----|-----|----|-----|------------|-----------------------------------------------------------------------------------------------------|----------------|
| 101.200.101 |    |     | 20 | 100 | 1 3/8" Z6  | PUSH PIN YOKE<br>GABEL MIT SCHIEBESTIFT                                                             |                |
| 101.200.102 |    |     | 20 | 100 | 1 3/8" Z21 |                                                                                                     |                |
| 101.200.103 |    |     | 20 | 100 | 1 1/8" Z6  |                                                                                                     |                |
| 101.200.106 |    |     | 20 | 100 | 32X38X Z8  |                                                                                                     |                |
| 101.200.201 |    |     | 20 | 100 | 1 3/8" Z6  | TAPER PIN YOKE<br>GABEL MIT KONISCHER<br>KLEMMSCHRAUBE                                              |                |
| 101.200.202 |    |     | 20 | 100 | 1 3/8" Z21 |                                                                                                     |                |
| 101.200.203 |    |     | 20 | 100 | 1 1/8" Z6  |                                                                                                     |                |
| 101.200.206 |    |     | 20 | 100 | 32X38X Z8  |                                                                                                     |                |
| 102.200.330 | 8  |     | 20 | 92  | 30         | ROUND BORE WITH<br>PIN HOLE<br>STANDARD GABEL MIT<br>PINLOCH                                        |                |
| 102.200.325 | 8  |     | 20 | 92  | 25         |                                                                                                     |                |
| 102.200.322 | 8  |     | 20 | 92  | 22         |                                                                                                     |                |
| 102.200.320 | 8  |     | 20 | 92  | 20         |                                                                                                     |                |
| 102.200.430 | 10 | M10 | 20 | 92  | 30         | YOKE WITH KEYWAY A.<br>TAPPED HOLE<br>GABEL MIT NUT UND<br>GEWINDEBOHRUNG                           |                |
| 102.200.425 | 10 | M8  | 20 | 92  | 25         |                                                                                                     |                |
| 102.200.422 | 8  | M8  | 20 | 92  | 22         |                                                                                                     |                |
| 102.200.420 | 8  | M8  | 20 | 92  | 20         |                                                                                                     |                |
| 101.200.530 | 10 |     | 20 | 100 | 30         | ROUND BORE,<br>INTERFERING<br>RECESSED, CLAM BOLT<br>GABEL MIT NUT,<br>G.BOHRUNG,<br>K. KL.SCHRAUBE |                |
| 101.200.525 | 10 |     | 20 | 100 | 25         |                                                                                                     |                |
| 101.200.522 | 8  |     | 20 | 100 | 22         |                                                                                                     |                |
| 101.200.520 | 8  |     | 20 | 100 | 20         |                                                                                                     |                |
| 102.200.601 |    |     |    | 92  | 1 3/8" Z6  | SPLINED YOKE<br>PROFILGABEL                                                                         |                |
| 102.200.602 |    |     |    | 92  | 1 3/8" Z21 |                                                                                                     |                |



SAFETY DEVICES / CARDAN SHAFT LENGTHS / SPECIFICATIONS

SICHERHEITSKUPPLUNGEN / GELENKWELLELÄNGE / SPEZIFIKATIONEN

SERIES 2 / SERIE 2

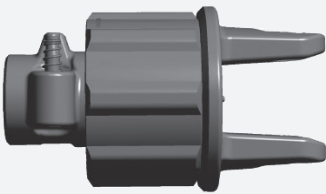


PERIOD/ZYKLUS

|       | MM  | INC   | MM  | INC   | MM  | INC   | MM   | INC   | MM   | INC   | MM   | INC   | MM   | INC   | MM   | INC   | MM   | INC   | MM   | INC   |
|-------|-----|-------|-----|-------|-----|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|
| L min | 460 | 18"   | 510 | 20"   | 560 | 22"   | 660  | 26"   | 760  | 30"   | 860  | 35"   | 910  | 36"   | 1010 | 40"   | 1110 | 44"   | 1210 | 48"   |
| L max | 660 | 26"   | 710 | 30"   | 830 | 33"   | 1000 | 40"   | 1150 | 45"   | 1250 | 49"   | 1400 | 55"   | 1580 | 62,2" | 1750 | 69"   | 1900 | 75"   |
| B1    | 100 | 3,93" | 100 | 3,93" | 100 | 3,93" | 100  | 3,93" | 100  | 3,93" | 100  | 3,93" | 100  | 3,93" | 100  | 3,93" | 100  | 3,93" | 100  | 3,93" |
| Lt    | 660 | 26"   | 710 | 28"   | 760 | 29,9" | 860  | 33,9" | 960  | 37,8" | 1060 | 41,7" | 1110 | 43,7" | 1210 | 47,6" | 1310 | 51,6" | 1410 | 55,5" |

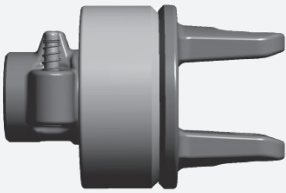
|                  |         |              |                  |         |              |                                             |
|------------------|---------|--------------|------------------|---------|--------------|---------------------------------------------|
| 540              | RPM/RPM | 1<br>MIN/MIN | 1000             | RPM/RPM | 1<br>MIN/MIN |                                             |
| POWER / LEISTUNG |         |              | POWER / LEISTUNG |         |              | MAXIMAL DYNAMIC TORQUE<br>MAXIMALE LEISTUNG |
| VALUES / WERTE   |         |              | VALUES / WERTE   |         |              |                                             |
| KW               |         | 15           | KW               |         | 23           |                                             |
| HP               |         | 21           | HP               |         | 31           |                                             |
| N.m              |         | 270          | N.m              |         | 220          | 450                                         |
| In.Lb            |         | 2400         | In.Lb            |         | 1950         | 4000                                        |

TORQUE LIMITER CLUTCH / STERNRATCHEN KUPPLUNG



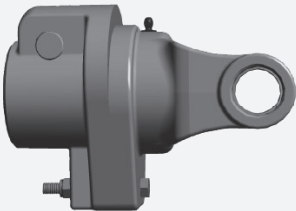
| TYPE /TYP | TORQUE/<br>LEISTUNG | APPLICATION DETAILS<br>INSTALLATIONS DETAILS | CODE<br>CODE |
|-----------|---------------------|----------------------------------------------|--------------|
| TR1       | 260                 | 1 3/8" Z6                                    | 1TR1.200.930 |
| TR1       | 260                 | 1 3/8" Z21                                   | 1TR1.200.931 |
| TR1       | 260                 | Ø30                                          | 1TR1.200.932 |
| TR2       | 500                 | 1 3/8" Z6                                    | 1TR1.200.933 |
| TR2       | 500                 | 1 3/8" Z21                                   | 1TR1.200.934 |
| TR2       | 500                 | Ø30                                          | 1TR1.200.935 |

OVERRUNNING CLUTCH / FREILAUF KUPPLUNG



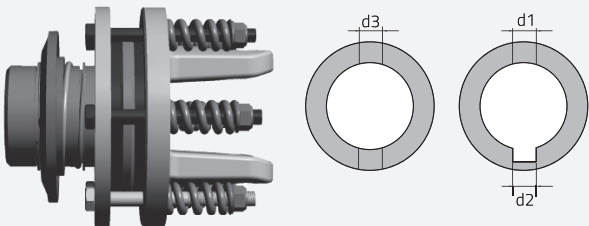
| TYPE/TYP | TORQUE/<br>LEISTUNG | APPLICATION DETAILS<br>INSTALLATIONS DETAILS | CODE<br>CODE |
|----------|---------------------|----------------------------------------------|--------------|
| CR1      | -                   | 1 3/8" Z6                                    | 1CR1.200.910 |
| CR1      | -                   | 1 3/8" Z21                                   | 1CR1.200.911 |
| CR1      | -                   | 32X38X8                                      | 1CR1.200.918 |
| CR1      | -                   | 1 3/8" Z6                                    | 1CR1.200.912 |
| CR1      | -                   | 1 3/8" Z21                                   | 1CR1.200.913 |
| CR1      | -                   | 32X38X8                                      | 1CR1.200.919 |

SHEAR BOLT LIMITER CLUTCH / SCHERBOLZEN KUPPLUNG



| TYPE /TYP | TORQUE/<br>LEISTUNG | APPLICATION DETAILS<br>INSTALLATIONS DETAILS | CODE<br>CODE |
|-----------|---------------------|----------------------------------------------|--------------|
| PK2       | 650                 | 1 3/8" Z6                                    | 1PK2.200.971 |
| PK2       | 650                 | 1 3/8" Z21                                   | 1PK2.200.972 |
| PK2       | 900                 | 1 3/8" Z6                                    | 1PK2.201.971 |
| PK2       | 900                 | 1 3/8" Z21                                   | 1PK2.201.972 |

FRICTION LIMITER CLUTCH / REIBSCHEIBEN KUPPLUNG

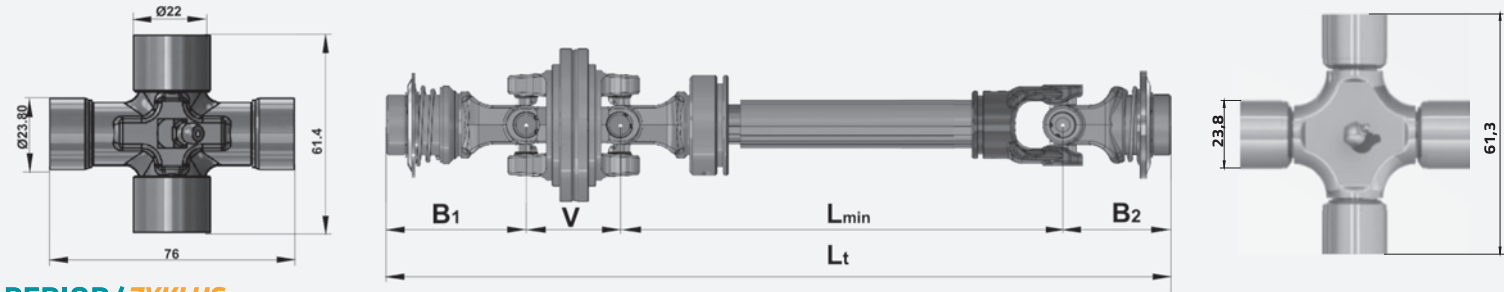


| TYPE/TYP | TORQUE/<br>LEISTUNG | APPLICATION DETAILS<br>INSTALLATIONS DETAILS | CODE<br>CODE |
|----------|---------------------|----------------------------------------------|--------------|
| B50      | 300                 | 1 3/8" Z6                                    | 1B50.200.950 |
| B50      | 300                 | 1 3/8" Z21                                   | 1B50.200.951 |
| B50      | 300                 | Ø30 d1=m10 , d2=m8                           | 1B50.200.952 |
| B50      | 300                 | Ø25 d1=m10 , d2=m8                           | 1B50.200.953 |
| B50      | 300                 | Ø30 d2=10mm                                  | 1B50.200.954 |
| B50      | 300                 | Ø25 d2=10mm                                  | 1B50.200.955 |

WIDE ANGLE JOINT CARDAN SHAFTS / SAFETY DEVICES / SPECIFICATIONS

WEITWINKEL SICHERHEITSKUPPLUNGEN / GELEMKWELLELÄNGEN / SPEZIFIKATIONEN

SERIES 2 / SERIE 2



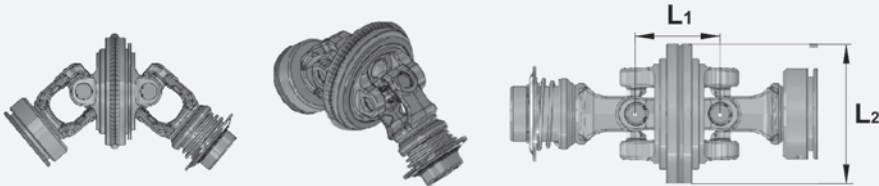
PERIOD/ZYKLUS

|       | MM  | INC    | MM  | INC    | MM  | INC    | MM  | INC    | MM   | INC    | MM   | INC    | MM   | INC    | MM   | INC    | MM   | INC    | MM   | INC    |
|-------|-----|--------|-----|--------|-----|--------|-----|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|
| L min | 460 | 18,1"  | 510 | 20"    | 560 | 22"    | 660 | 26"    | 760  | 30"    | 860  | 34"    | 910  | 36"    | 1010 | 40"    | 1110 | 44"    | 1210 | 48     |
| V     | 84  | 3,3"   | 84  | 3,3"   | 84  | 3,3"   | 84  | 3,3"   | 84   | 3,3"   | 84   | 3,3"   | 84   | 3,3"   | 84   | 3,3"   | 84   | 3,3"   | 84   | 3,3"   |
| B1    | 132 | 5,2"   | 132 | 5,2"   | 132 | 5,2"   | 132 | 5,2"   | 132  | 5,2"   | 132  | 5,2"   | 132  | 5,2"   | 132  | 5,2"   | 132  | 5,2"   | 132  | 5,2    |
| B2    | 100 | 3,94"  | 100 | 3,94"  | 100 | 3,94"  | 100 | 3,94"  | 100  | 3,94"  | 100  | 3,94"  | 100  | 3,94"  | 100  | 3,94"  | 100  | 3,94"  | 100  | 3,94"  |
| Lt    | 776 | 50,55" | 826 | 32,51" | 876 | 34,49" | 976 | 38,42" | 1076 | 42,36" | 1176 | 46,30" | 1226 | 48,27" | 1326 | 52,20" | 1426 | 56,14" | 1526 | 60,80" |

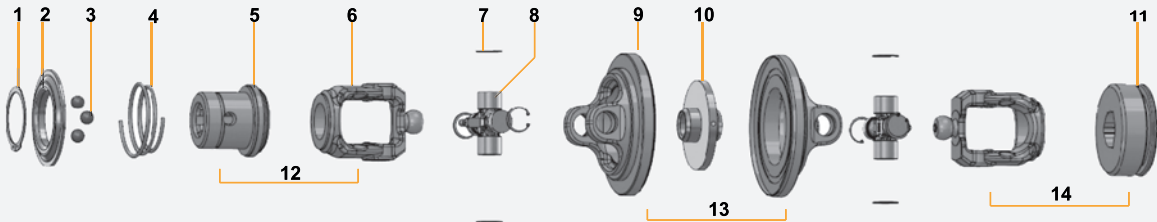
The wide angle joint safety device is able to work in strong turns between 70 and 80 degrees in regarding to the kind of the agriculture machine.  
The wide angle joint Pto must greacing between standard periods.

Je nach art der agrar maschine kann die weitwinkel kupplung bei scharfen kurven zwischen 70 -80 krümmungsgrad arbeiten, in bestimmten zeitabstanden muss die weitwinkel gelenkwelle mit entsprechenden fetten eingeschmiert werden.

ÇA80°



| SERIES<br>SERIE | CODE<br>KOD  | SPLINE<br>PROFIEL | L1 MM | L2MM |
|-----------------|--------------|-------------------|-------|------|
| 2               | 1ÇA8.200.990 | 1 3/8"Z6          | 84    | 142  |
| 2               | 1ÇA8.200.991 | 1 3/8"Z21         | 84    | 142  |



| PART NO | CODE<br>KOD  | DESCRIPTION/EZEICHNUNG                        | QUANTITY | STANDARD NR - SPLINE<br>STANDARD NR - PROFIEL |
|---------|--------------|-----------------------------------------------|----------|-----------------------------------------------|
| 1       | 9126.100.101 | CIRCLIP/STÜTZSCHEIBE                          | 1        |                                               |
| 3       | 9223.100.123 | LOCKING PLATE/ANSCHLUSSPLATTE                 | 1        |                                               |
| 3       | 9199.200.105 | BALL/KUGEL                                    | 3        |                                               |
| 4       | 9125.TR1.104 | LOCKING SPRINGS/ANSCHLUSSFEDER                | 1        | TS 2500 SH                                    |
| 5       | 115.GNL.301  | BALL BEARING HUB/NABE MIT KUGELLAGER          | 1        | 1 3/8"Z6                                      |
|         | 115.GNL.302  | BALL BEARING HUB/NUBE MIT KUGELLAGER          | 1        | 1 3/8"Z21                                     |
| 6       | 116.ÇA8.101  | WIDE ANGLE INBOARD YOKE/WEITWINKEL RILLEGABEL | 2        | CK 45                                         |
| 7       | 9126.500.103 | CIRCLIP/STÜTZSCHEIBE                          | 1        |                                               |
| 8       | 9107.200.212 | CROSS AND BEARING KITS/KREUTZGARNITUR         | 2        |                                               |
| 9       | 118.ÇA8.101  | FLANGE YOKE/FLANCSH GABEL                     | 2        | SAE 1040                                      |
| 10      | 117.ÇA8.101  | FLANGE ROTATING DISK/ROTIERENDE FLANSCH DISK  | 1        | 8620                                          |
| 11      | 119.ÇA8.101  | WIDE ANGLE BUSHING/WEITWINKEL BUCHSE          | 1        | SA1040                                        |
| 12      | 116.ÇA8.015  | COLLAR YOKE (CVI)/COLLAR                      | 1        |                                               |
| 13      | 152.ÇA8.100  | DOUBLE YOKE/DOPPELGABEL                       | 1        |                                               |
| 14      | 116.ÇA8.019  | OUTER TUBE YOKE (CVI)/AUSSENPROFILGABEL       | 1        |                                               |
| 15      | 9127.CR1.101 | LUBRICATION FITTING/SCHMIERNPPEL              | 2        |                                               |

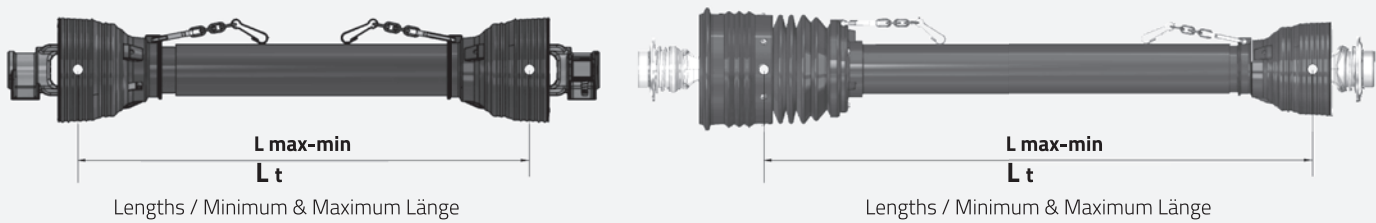




CARDAN SHAFT COVERS WITH DIVERSE

GELENKWELLESCHUTZ IN UNTERSCHIEDLICHEN LÄNGEN

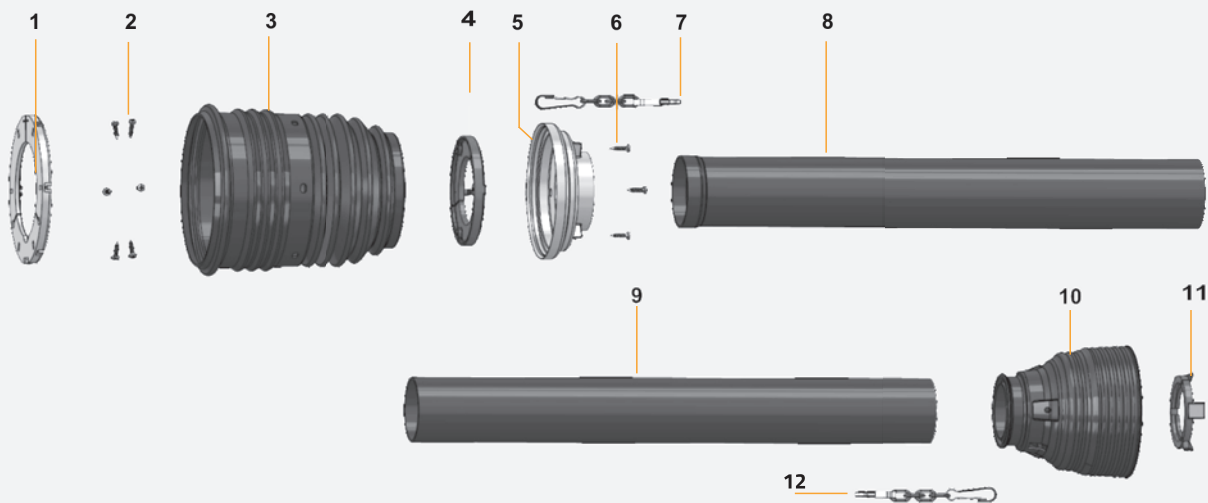
SERIES 2 / SERIE 2



| LENGHT /LAENGE | 460         | 510         | 560         | 660         | 760         | 860         | 910         | 1010        | 1110        | 1210        |
|----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| CODE           | 143.280.046 | 143.280.051 | 143.280.056 | 143.280.066 | 143.280.076 | 143.280.086 | 143.280.091 | 143.280.101 | 143.280.111 | 143.280.121 |

SPARE PARTS FOR WIDE ANGLE JOINT PTO PROTECTION

ERSATZTEILE FÜR WEITWINKEL GELENKWELLE SCHUTZHÜLLEN

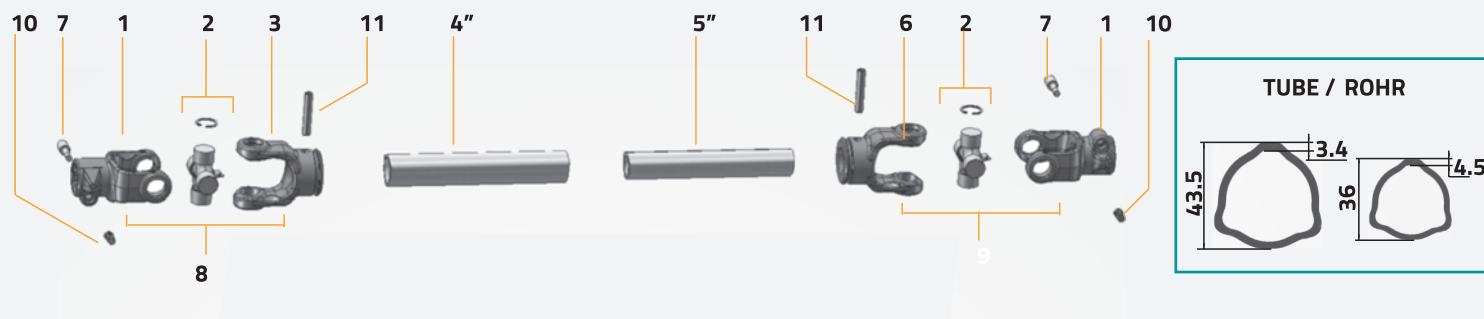


| PART NO | CODE / KOD    | DESCRIPTION/ BEZEICHNUNG                      | STANDARD NO/STANDARD NR |
|---------|---------------|-----------------------------------------------|-------------------------|
| 1       | 9144.280.201  | SLIDING RING/GLEITRING                        |                         |
| 2       | 9125.XXX.XXX  | SELF TAPPING SCREWS/UNTERLEGSCHraubENSCHRAUBE |                         |
| 3       | 91.37.200.202 | PLASTIC ACCORDION/KUNSTOFFAKKORDEON           |                         |
| 4       | 9144.300.101  | SLIDING RING/GLEITRING                        |                         |
| 5       | 9137.300.111  | CONE ASSEMBLY/TRICHTER                        |                         |
| 6       | 9125.XXX.XXX  | SELF TAPPING SCREWS/UNTERLEGSCHraubENSCHRAUBE |                         |
| 7       | 9147.100.101  | SAFETY CHAIN/SICHERHEITSHAL TEKETTE           |                         |
| 8       | 9245.100.101  | INNER PLASTIC TUBE/INNENKUNSTOFFROHR          | PE100 Ø75               |
| 9       | 9245.100.102  | OUTER PLASTIC TUBE/AUSSENKUNSTOFFROHR         | PE 100 Ø70              |
| 10      | 9138.100.100  | CONE/SCHUTZTÖPFE                              |                         |
| 11      | 9144.100.100  | SLIDING RING/GLEITRING                        | POLYAMID                |
| 12      | 9146.100.100  | CHAIN HOOK/KETTENHAKEN                        |                         |

\*PLEASE ADD THE LENGTHS AS CM MEASURE AFTER THE CODE  
\*BITTE FÜGEN SIE DIE LAENGE ALS CM MASS HINTER DEM CODE HINZU

# SPARE PARTS ERSATZTEILE

## SERIES 3 / SERIE 3



| PICTURE NR.<br>BILD NR. | 1           | 2            | 3           | 4           | 5           | 6           | 7           | 8             | 9             | 10           | 11           |
|-------------------------|-------------|--------------|-------------|-------------|-------------|-------------|-------------|---------------|---------------|--------------|--------------|
| CODE<br>CODE            | 101.300.101 | 9107.300.111 | 104.300.704 | 105.300.704 | 105.300.703 | 104.300.703 | 106.100.111 | 1TKD3.101.704 | 1TKE3.101.703 | 9125.100.107 | 9134.100.102 |

## CONNECTION DEVICES FOR THE TRACTOR AND MACHINE SIDE VERBINDUNGSELEMENTE FÜR DIE TRAKTOR UND MASCHINEN SEITE

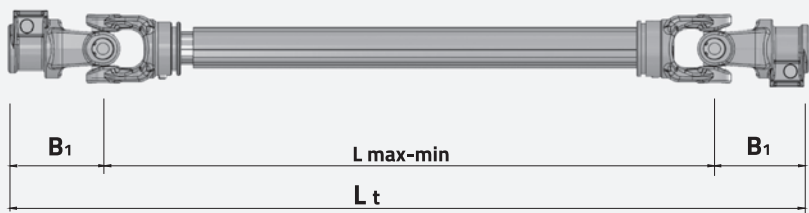
| CODE / CODE | K  | DK  | L2 | L1  | D1         | CONNECTION / VERBINDUNG                                                                            | PICTURE / BILD |
|-------------|----|-----|----|-----|------------|----------------------------------------------------------------------------------------------------|----------------|
| 101.300.101 |    |     | 24 | 107 | 1 3/8" Z6  | PUSH PIN YOKE<br>GABEL MIT<br>SCHIEBESTIFT                                                         |                |
| 101.300.102 |    |     |    |     | 1 3/8" Z21 |                                                                                                    |                |
| 101.300.103 |    |     |    |     | 1 1/8" Z6  |                                                                                                    |                |
| 101.300.106 |    |     |    |     | 32X38X Z8  |                                                                                                    |                |
| 101.300.201 |    |     | 24 | 107 | 1 3/8" Z6  | TAPER PIN YOKE<br>GABEL MIT KONISCHER<br>KLEMMSCHRAUBE                                             |                |
| 101.300.202 |    |     |    |     | 1 3/8" Z21 |                                                                                                    |                |
| 101.300.203 |    |     |    |     | 1 1/8" Z6  |                                                                                                    |                |
| 102.300.206 |    |     |    |     | 32X38X Z8  |                                                                                                    |                |
| 102.300.335 | 8  |     | 20 | 90  | 35         | ROUND BORE WITH<br>PIN HOLE<br>STANDARD GABEL<br>MIT PINLOCH                                       |                |
| 102.300.330 | 8  |     |    |     | 30         |                                                                                                    |                |
| 102.300.325 | 8  |     |    |     | 25         |                                                                                                    |                |
| 102.300.435 | 10 | M10 | 20 | 90  | 35         | YOKE WITH KEYWAY<br>A. TAPPED<br>HOLE<br>GABEL MIT NUT UND<br>GEWINDEBOHRUNG                       |                |
| 102.300.430 | 10 | M10 |    |     | 30         |                                                                                                    |                |
| 102.300.425 | 8  | M10 |    |     | 25         |                                                                                                    |                |
| 101.300.535 | 10 |     | 20 | 100 | 30         | ROUND BORE,<br>INTERFERING<br>RECESSED, CLAM BOLT<br>GABEL MIT NUT,<br>G.BOHRUNG,<br>K. KLSCHRAUBE |                |
| 101.300.530 | 10 |     |    |     | 25         |                                                                                                    |                |
| 101.300.525 | 8  |     |    |     | 22         |                                                                                                    |                |
| 102.300.601 |    |     |    | 90  | 1 3/8" Z6  | SPLINED YOKE<br>PROFILGABEL                                                                        |                |
| 102.300.602 |    |     |    | 90  | 1 3/8" Z21 |                                                                                                    |                |
| 102.300.603 |    |     |    | 90  | 1 1/8" Z6  |                                                                                                    |                |



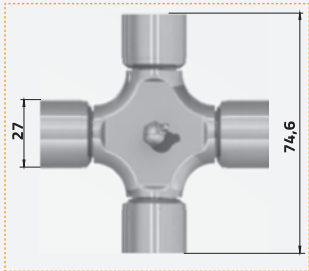
SAFETY DEVICES / CARDAN SHAFT LENGTHS / SPECIFICATIONS

SICHERHEITSKUPPLUNGEN / GELENKWELLELÄNGE / SPEZIFIKATIONEN

SERIES 3 / SERIE 3



Lengths / Minimum & Maximum Länge



PERIOD/ZYKLUS

|       | MM  | INC   | MM  | INC   | MM  | INC   | MM  | INC   | MM   | INC   | MM   | INC   | MM   | INC   | MM   | INC   | MM   | INC   | MM   | INC  |
|-------|-----|-------|-----|-------|-----|-------|-----|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|------|
| L min | 460 | 18"   | 510 | 20"   | 560 | 22"   | 660 | 26"   | 760  | 30"   | 860  | 35"   | 910  | 36"   | 1010 | 40"   | 1110 | 44"   | 1210 | 48"  |
| L max | 680 | 26"   | 710 | 30,7" | 810 | 31,8" | 980 | 38,5" | 1140 | 44,8" | 1310 | 51,5" | 1400 | 55"   | 1560 | 61,5" | 1760 | 69,5" | 1900 | 75"  |
| B1    | 107 | 4,2"  | 107 | 4,2"  | 107 | 4,2"  | 107 | 4,2"  | 107  | 4,2"  | 107  | 4,2"  | 107  | 4,2"  | 107  | 4,2"  | 107  | 4,2"  | 107  | 4,2" |
| Lt    | 674 | 26,5" | 724 | 28,5" | 774 | 30,5" | 874 | 34,4" | 974  | 38,3" | 1074 | 42,3" | 1124 | 44,3" | 1224 | 48,2" | 1324 | 52,1" | 1424 | 56"  |

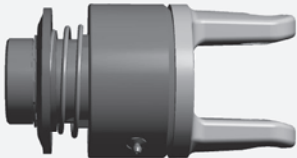
| 540                    | RPM/RPM | 1 MIN/MIN | 1000              | RPM/RPM | 1 MIN/MIN |
|------------------------|---------|-----------|-------------------|---------|-----------|
| POWER / LEISTUNG       |         |           | POWER / LEISTUNG  |         |           |
| VALUES / WERTE         |         |           | VALUES / WERTE    |         |           |
| MAXIMAL DYNAMIC TORQUE |         |           | MAXIMALE LEISTUNG |         |           |
| KW                     |         | 26        | KW                |         | 40        |
| HP                     |         | 35        | HP                |         | 55        |
| N.m                    |         | 460       | N.m               |         | 380       |
| in.Lb                  |         | 4050      | in.Lb             |         | 3350      |
|                        |         |           |                   |         | 780       |
|                        |         |           |                   |         | 6900      |

TORQUE LIMITER CLUTCH / STERNRATCHEN KUPPLUNG



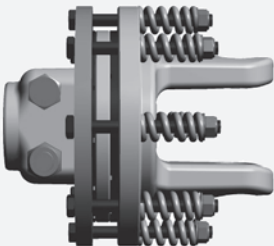
| TYPE/TYP | TORQUE<br>LEISTUNG | APPLICATION DETAILS<br>INSTALLATIONS DETAILS | CODE<br>CODE  |
|----------|--------------------|----------------------------------------------|---------------|
| TR2      | 500                | 1 3/8" Z6                                    | 1TR1.300. 933 |
| TR2      | 500                | 1 3/8" Z21                                   | 1TR1.300. 934 |
| TR3      | 800                | 1 3/8" Z6                                    | 1TR1.300. 938 |
| TR3      | 800                | 1 3/8" Z21                                   | 1TR1.300. 939 |

OVERRUNING CLUTCH / FREILAUF KUPPLUNG



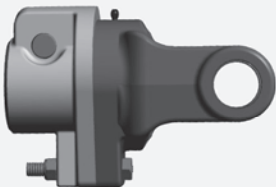
| TYPE/TYP | TORQUE<br>LEISTUNG | APPLICATION DETAILS<br>INSTALLATIONS DETAILS | CODE<br>CODE |
|----------|--------------------|----------------------------------------------|--------------|
| CR1      | -                  | 1 3/8" Z6                                    | 1CR1.300.910 |
| CR1      | -                  | 1 3/8" Z21                                   | 1CR1.300.911 |
| CR1      | -                  | 32X38X8                                      | 1CR1.300.918 |
| CR2      | -                  | 1 3/8" Z6                                    | 1CR1.300.912 |
| CR2      | -                  | 1 3/8" Z21                                   | 1CR1.300.913 |
| CR2      | -                  | 32X38X8                                      | 1CR1.300.919 |

FRICTION LIMITER CLUTCH / REIBSCHEIBEN KUPPLUNG



| TYPE/TYP | TORQUE<br>LEISTUNG | APPLICATION DETAILS<br>INSTALLATIONS DETAILS | CODE<br>CODE  |
|----------|--------------------|----------------------------------------------|---------------|
| BS2      | 750                | 1 3/8" Z6                                    | 1BS0.300. 950 |
| BS2      | 750                | 1 3/8" Z21                                   | 1BS0.300. 951 |
| BS2      | 900                | 1 3/8" Z6                                    | 1BS0.300. 952 |
| BS2      | 900                | 1 3/8" Z21                                   | 1BS0.300. 953 |

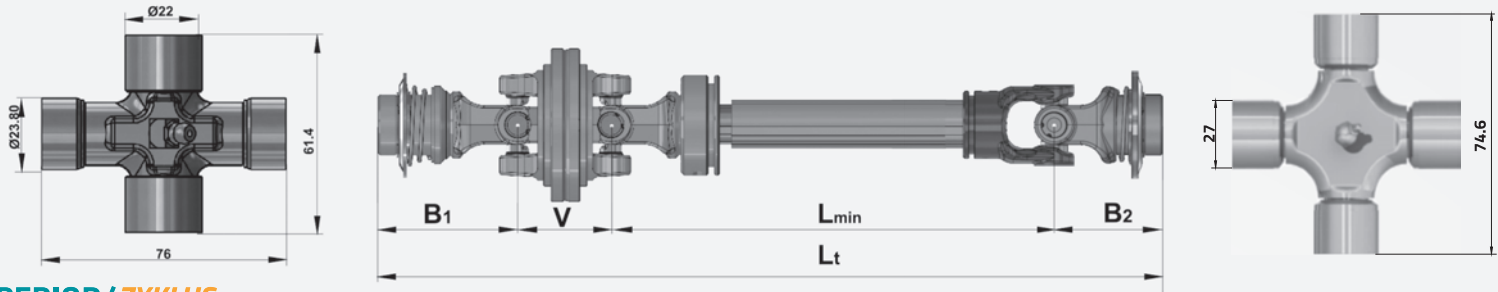
SHEAR BOLT LIMITER CLUTCH / SCHERBOLZEN KUPPLUNG



| TYPE/TYP | TORQUE<br>LEISTUNG | APPLICATION DETAILS<br>INSTALLATIONS DETAILS | CODE<br>CODE  |
|----------|--------------------|----------------------------------------------|---------------|
| PK3      | 650                | 1 3/8" Z6                                    | 1PK3.300. 971 |
| PK3      | 650                | 1 3/8" Z21                                   | 1PK3.300. 972 |
| PK3      | 900                | 1 3/8" Z6                                    | 1PK3.301. 971 |
| PK3      | 900                | 1 3/8" Z21                                   | 1PK3.301. 972 |

WIDE ANGLE JOINT CARDAN SHAFTS / SAFETY DEVICES / SPECIFICATIONS  
WEITWINKEL SICHERHEITSKUPPLUNGEN / GELENKWELLELÄNGEN / SPEZIFIKATIONEN

SERIES 3 / SERIE 3



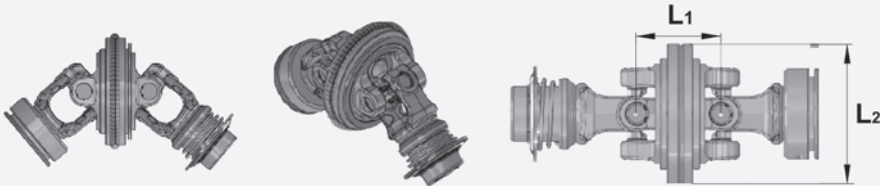
PERIOD/ZYKLUS

|       | MM  | INC    | MM  | INC    | MM  | INC    | MM  | INC    | MM   | INC    | MM   | INC    | MM   | INC    | MM   | INC    | MM   | INC    | MM   | INC    |
|-------|-----|--------|-----|--------|-----|--------|-----|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|
| L min | 460 | 18,1"  | 510 | 20"    | 560 | 22"    | 660 | 26"    | 760  | 30"    | 860  | 34"    | 910  | 36"    | 1010 | 40"    | 1110 | 44"    | 1210 | 48"    |
| V     | 84  | 3,3"   | 84  | 3,3"   | 84  | 3,3"   | 84  | 3,3"   | 84   | 3,3"   | 84   | 3,3"   | 84   | 3,3"   | 84   | 3,3"   | 84   | 3,3"   | 84   | 3,3"   |
| B1    | 132 | 5,2"   | 132 | 5,2"   | 132 | 5,2"   | 132 | 5,2"   | 132  | 5,2"   | 132  | 5,2"   | 132  | 5,2"   | 132  | 5,2"   | 132  | 5,2"   | 132  | 5,2"   |
| B2    | 100 | 3,94"  | 100 | 3,94"  | 100 | 3,94"  | 100 | 3,94"  | 100  | 3,94"  | 100  | 3,94"  | 100  | 3,94"  | 100  | 3,94"  | 100  | 3,94"  | 100  | 3,94"  |
| Lt    | 776 | 50,55" | 826 | 32,51" | 876 | 34,49" | 976 | 38,42" | 1076 | 42,36" | 1176 | 46,30" | 1226 | 48,27" | 1326 | 52,20" | 1426 | 56,14" | 1526 | 60,80" |

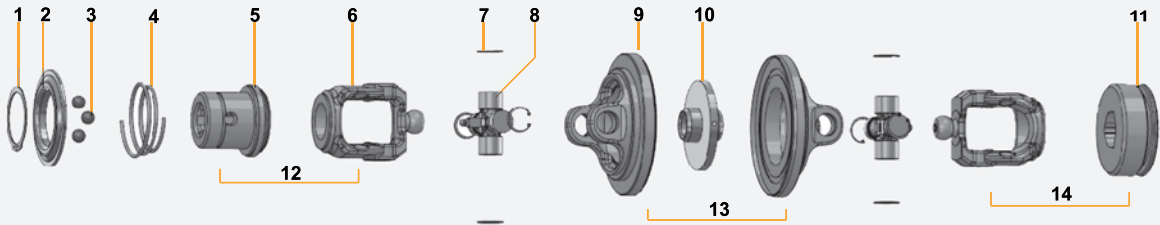
The wide angle joint safety device is able to work in strong turns between 70 and 80 degrees in regarding to the kind of the agriculture machine.  
The wide angle joint Pto must greacing between standard periods.

Je nach art der agrar maschine kann die weitwinkel kupplung bei scharfen kurven zwischen 70 -80 krümmungsgraden arbeiten, in bestimmten zeitabstanden muss die weitwinkel gelenkwelle mit entsprechenden fetten eingeschmiert werden.

ÇA80°



| SERIES<br>SERIE | CODE<br>KOD  | SPLINE<br>PROFIEL | L1 MM | L2MM |
|-----------------|--------------|-------------------|-------|------|
| 2               | 1ÇA8.200.990 | 1 3/8"Z6          | 84    | 142  |
| 2               | 1ÇA8.200.991 | 1 3/8"Z21         | 84    | 142  |



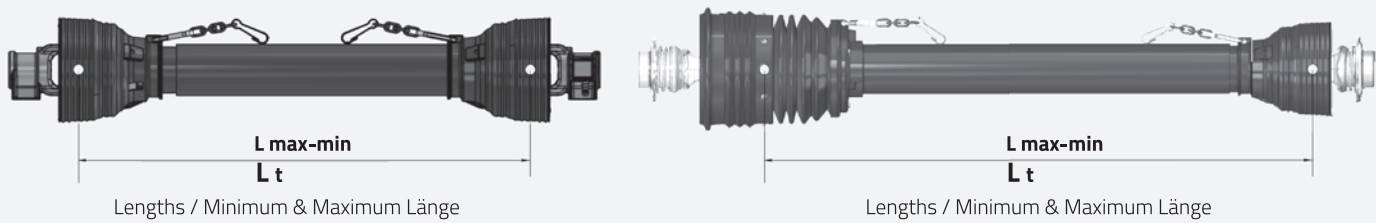
| PART NO | CODE<br>KOD  | DESCRIPTION/EZEICHNUNG                        | QUANTITY | STANDARD NR - SPLINE<br>STANDARD NR - PROFIEL |
|---------|--------------|-----------------------------------------------|----------|-----------------------------------------------|
| 1       | 9126.100.101 | CIRCLIP/STÜTZSCHEIBE                          | 1        |                                               |
| 3       | 9223.100.123 | LOCKING PLATE/ANSCHLUSSPLATTE                 | 1        |                                               |
| 3       | 9199.200.105 | BALL/KUGEL                                    | 3        |                                               |
| 4       | 9125.TR1.104 | LOCKING SPRINGS/ANSCHLUSSFEDER                | 1        | TS 2500 SH                                    |
| 5       | 115.GNL.301  | BALL BEARING HUB/NABE MIT KUGELLAGER          | 1        | 1 3/8"Z6                                      |
|         | 115.GNL.302  | BALL BEARING HUB/NUBE MIT KUGELLAGER          | 1        | 1 3/8"Z21                                     |
| 6       | 116.ÇA8.101  | WIDE ANGLE INBOARD YOKE/WEITWINKEL RILLEGABEL | 2        | CK 45                                         |
| 7       | 9126.500.103 | CIRCLIP/STÜTZSCHEIBE                          | 1        |                                               |
| 8       | 9107.200.212 | CROSS AND BEARING KITS/KREUTZGARNITUR         | 2        |                                               |
| 9       | 118.ÇA8.101  | FLANGE YOKE/FLANCSH GABEL                     | 2        | SAE 1040                                      |
| 10      | 117.ÇA8.101  | FLANGE ROTATING DISK/ROTIERENDE FLANSCH DISK  | 1        | 8620                                          |
| 11      | 119.ÇA8.101  | WIDE ANGLE BUSHING/WEITWINKEL BUCHSE          | 1        | SA1040                                        |
| 12      | 116.ÇA8.015  | COLLAR YOKE (CVI)/COLLAR                      | 1        |                                               |
| 13      | 152.ÇA8.100  | DOUBLE YOKE/DOPPELGABEL                       | 1        |                                               |
| 14      | 116.ÇA8.019  | OUTER TUBE YOKE (CVI)/AUSSENPROFILGABEL       | 1        |                                               |
| 15      | 9127.CR1.101 | LUBRICATION FITTING/SCHMERNPPEL               | 2        |                                               |



CARDAN SHAFT COVERS WITH DIVERSE

ZAPFWELLENSCHUTZ IN UNTERSCHIEDLICHEN LÄNGEN

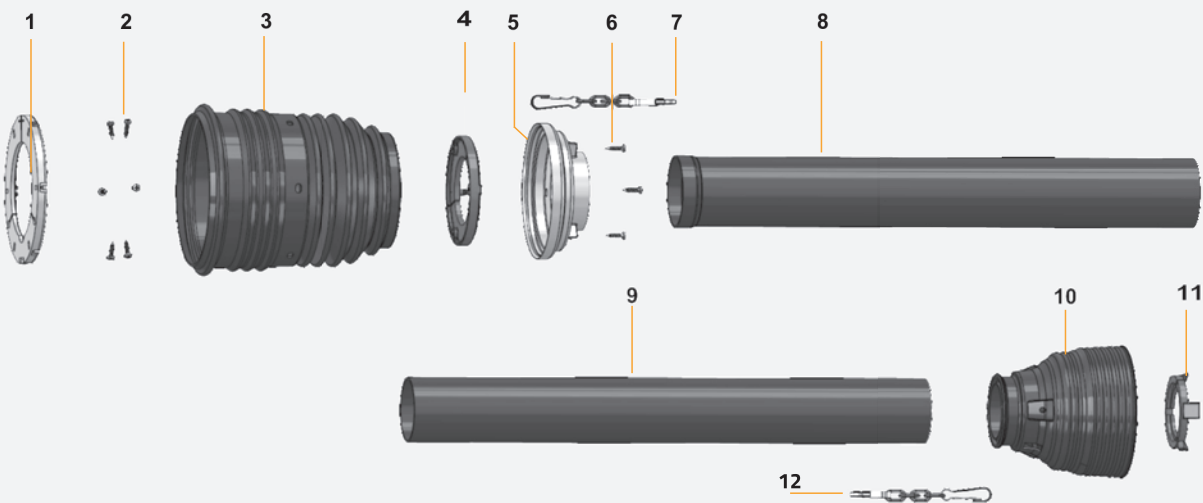
SERIES 3 / SERIE 3



| LENGHT /LAENGE | 460         | 510         | 560         | 660         | 760         | 860         | 910         | 1010        | 1110        | 1210        |
|----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| CODE           | 143.280.046 | 143.280.051 | 143.280.056 | 143.280.066 | 143.280.076 | 143.280.086 | 143.280.091 | 143.280.101 | 143.280.111 | 143.280.121 |

SPARE PARTS FOR WIDE ANGLE JOINT PTO PROTECTION

ERSATZTEILE FÜR WEITWINKEL GELENKWELLE SCHUTZHÜLLEN



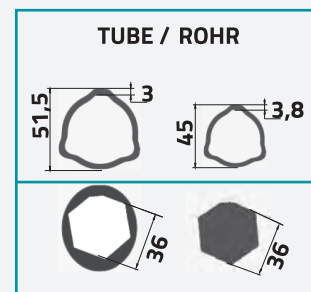
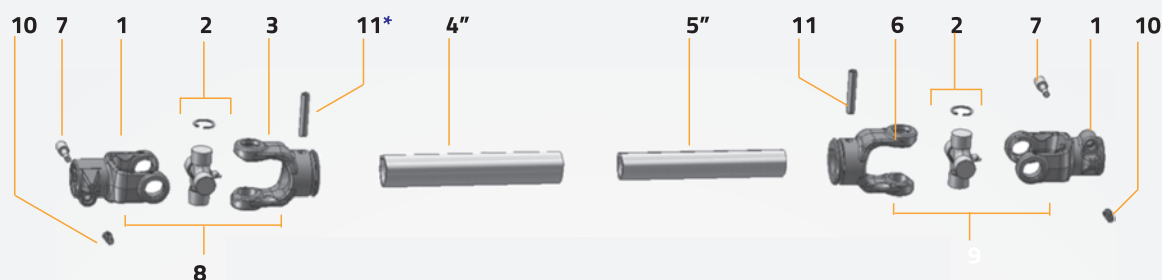
| PART NO | CODE / KOD    | DESCRIPTION / BEZEICHNUNG                     | STANDARD NO / STANDARD NR |
|---------|---------------|-----------------------------------------------|---------------------------|
| 1       | 9144.280.201  | SLIDING RING/GLEITRING                        |                           |
| 2       | 9125.XXX.XXX  | SELF TAPPING SCREWS/UNTERLEGSCHraubENSCHRAUBE |                           |
| 6       | 9125.XXX.XXX  | SELF TAPPING SCREWS/UNTERLEGSCHraubENSCHRAUBE |                           |
| 3       | 91.37.200.202 | PLASTIC ACCORDION/KUNSTOFFAKKORDEON           |                           |
| 4       | 9144.300.101  | SLIDING RING/GLEITRING                        |                           |
| 5       | 9137.300.111  | CONE ASSEMBLY/TRICHTER                        |                           |
| 7       | 9147.100.101  | SAFETY CHAIN/SICHERHEITSHAL TEKETTE           |                           |
| 12      | 9146.100.100  | CHAIN HOOK/KETTENHAKEN                        |                           |
| 8       | 9245.100.101  | INNER PLASTIC TUBE/INNENKUNSTOFFROHR          | PE100 Ø75                 |
| 9       | 9245.100.102  | OUTER PLASTIC TUBE/AUSSENKUNSTOFFROHR         | PE 100 Ø70                |
| 10      | 9138.100.100  | CONE/SCHUTZTÖPFE                              |                           |
| 11      | 9144.100.100  | SLIDING RING/GLEITRING                        | POLYAMID                  |

\*PLEASE ADD THE LENGTHS AS CM MEASURE AFTER THE CODE  
\*BITTE FÜGEN SIE DIE LAENGE ALS CM MASS HINTER DEM CODE HINZU



# SPARE PARTS ERSATZTEILE

## SERIES 4 / SERIE 4



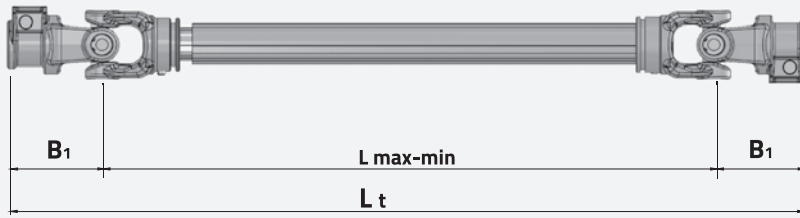
| PICTURE NR.<br>BILD NR. | 1           | 2           | 3           | 4                          | 5                          | 6           | 7           | 8                              | 9                              | 10           | 11                           |
|-------------------------|-------------|-------------|-------------|----------------------------|----------------------------|-------------|-------------|--------------------------------|--------------------------------|--------------|------------------------------|
| CODE<br>CODE            | 101.400.101 | 107.400.111 | 104.400.707 | 105.400.707<br>105.400.836 | 105.400.705<br>153.400.836 | 104.400.705 | 106.100.111 | 1TKD4.101.707<br>1TKD4.101.804 | 1TKE4.101.705<br>1TKE4.101.803 | 9125.100.107 | 9134.100.100<br>9134.100.101 |

## CONNECTION DEVICES FOR THE TRACTOR AND MACHINE SIDE VERBINDUNGSELEMENTE FÜR DIE TRAKTOR UND MASCHINEN SEITE

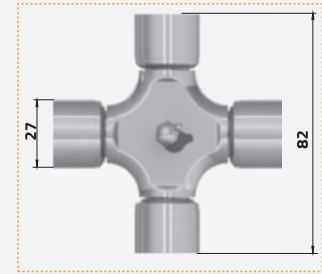
| CODE / CODE | K  | DK  | L 2 | L 1 | D 1        | CONNECTION / VERBINDUNG                                                                            | PICTURE / BILD |
|-------------|----|-----|-----|-----|------------|----------------------------------------------------------------------------------------------------|----------------|
| 101.400.101 |    |     | 24  | 109 | 1 3/8" Z6  | PUSH PIN YOKE<br>GABEL MIT SCHIEBESTIFT                                                            |                |
| 101.400.102 |    |     | 24  | 109 | 1 3/8" Z21 |                                                                                                    |                |
| 101.400.103 |    |     | 24  | 109 | 1 1/8" Z6  |                                                                                                    |                |
| 101.400.106 |    |     | 24  | 109 | 32X38X Z8  |                                                                                                    |                |
| 101.400.201 |    |     | 24  | 109 | 1 3/8" Z6  | TAPER PIN YOKE<br>GABEL MIT KONISCHER<br>KLEMMSCHRAUBE                                             |                |
| 101.400.202 |    |     | 24  | 109 | 1 3/8" Z21 |                                                                                                    |                |
| 101.400.203 |    |     | 24  | 109 | 1 1/8" Z6  |                                                                                                    |                |
| 101.400.206 |    |     | 24  | 109 | 32X38X Z8  |                                                                                                    |                |
| 102.400.335 | 10 |     | 20  | 118 | 35         | ROUND BORE WITH<br>PIN HOLE<br>STANDARD GABEL MIT<br>PINLOCH                                       |                |
| 102.400.330 | 10 |     | 20  | 118 | 30         |                                                                                                    |                |
| 102.400.325 | 10 |     | 20  | 118 | 25         |                                                                                                    |                |
| 102.400.435 | 10 | M10 | 20  | 118 | 35         | YOKE WITH KEYWAY A.<br>TAPPED HOLE<br>GABEL MIT NUT UND<br>GEWINDEBOHRUNG                          |                |
| 102.400.430 | 10 | M10 | 20  | 118 | 30         |                                                                                                    |                |
| 102.400.425 | 10 | M10 | 20  | 118 | 25         |                                                                                                    |                |
| 101.400.535 | 10 |     | 20  | 109 | 30         | ROUND BORE,<br>INTERFERING<br>RECESSED, CLAM BOLT<br>GABEL MIT NUT,<br>G.BOHRUNG,<br>K. KLSCHRAUBE |                |
| 101.400.530 | 10 |     | 20  | 109 | 25         |                                                                                                    |                |
| 101.400.525 | 10 |     | 20  | 109 | 22         |                                                                                                    |                |
| 102.400.601 |    |     |     | 118 | 1 3/8" Z6  | SPLINED YOKE<br>PROFILGABEL                                                                        |                |
| 102.400.602 |    |     |     | 118 | 1 3/8" Z21 |                                                                                                    |                |

# SAFETY DEVICES / CARDAN SHAFT LENGTHS / SPECIFICATIONS SICHERHEITSKUPPLUNGEN / GELENKWELLELÄNGE / SPEZIFIKATIONEN

## SERIES 4 / SERIE 4



Lengths / Minimum & Maximum Länge



## PERIOD/ZYKLUS

|       | MM  | INC   | MM  | INC   | MM  | INC   | MM   | INC   | MM   | INC   | MM   | INC   | MM   | INC   | MM   | INC   | MM   | INC   | MM   | INC   |
|-------|-----|-------|-----|-------|-----|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|
| L min | 460 | 18"   | 510 | 20"   | 560 | 22"   | 660  | 26"   | 760  | 30"   | 860  | 35"   | 910  | 36"   | 1010 | 40"   | 1110 | 44"   | 1210 | 48"   |
| L max | 680 | 26"   | 710 | 30"   | 830 | 33"   | 1000 | 40"   | 1150 | 45"   | 1250 | 49"   | -    | -     | -    | -     | -    | -     | -    | -     |
| B1    | 109 | 4,3"  | 109 | 4,3"  | 109 | 4,3"  | 109  | 4,3"  | 109  | 4,3"  | 109  | 4,3"  | 109  | 4,3"  | 109  | 4,3"  | 109  | 4,3"  | 109  | 4,3"  |
| Lt    | 678 | 26,6" | 728 | 28,6" | 778 | 30,6" | 878  | 34,5" | 978  | 38,5" | 1078 | 42,4" | 1128 | 44,4" | 1228 | 48,3" | 1328 | 52,2" | 1428 | 56,2" |

| 540              | RPM/RPM | 1<br>MIN/MIN | 1000             | RPM/RPM | 1<br>MIN/MIN |                                             |
|------------------|---------|--------------|------------------|---------|--------------|---------------------------------------------|
| POWER / LEISTUNG |         |              | POWER / LEISTUNG |         |              | MAXIMAL DYNAMIC TORQUE<br>MAXIMALE LEISTUNG |
| VALUES / WERTE   |         |              | VALUES / WERTE   |         |              |                                             |
| KW               |         | 30           | KW               |         | 47           |                                             |
| HP               |         | 41           | HP               |         | 64           |                                             |
| N.m              |         | 540          | N.m              |         | 450          | 950                                         |
| l.n.Lb           |         | 4700         | l.n.Lb           |         | 3970         | 8400                                        |

## TORQUE LIMITER CLUTCH / STERNRATCHEN KUPPLUNG



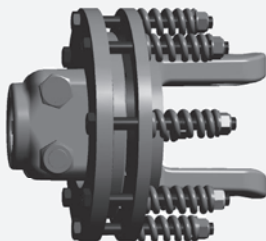
| TYPE/TYP | TORQUE<br>LEISTUNG | APPLICATION DETAILS<br>INSTALLATIONS DETAILS | CODE<br>CODE |
|----------|--------------------|----------------------------------------------|--------------|
| TR2      | 500                | 1 3/8" Z6                                    | 1TR1.400.933 |
| TR2      | 500                | 1 3/8" Z21                                   | 1TR1.400.934 |
| TR3      | 800                | 1 3/8" Z6                                    | 1TR1.400.938 |
| TR3      | 800                | 1 3/8" Z21                                   | 1TR1.400.939 |

## OVERRUNNING CLUTCH / FREILAUF KUPPLUNG



| TYPE/TYP | TORQUE<br>LEISTUNG | APPLICATION DETAILS<br>INSTALLATIONS DETAILS | CODE<br>CODE |
|----------|--------------------|----------------------------------------------|--------------|
| CR1      | -                  | 1 3/8" Z6                                    | 1CR1.400.910 |
| CR1      | -                  | 1 3/8" Z21                                   | 1CR1.400.911 |
| CR1      | -                  | 32X38X8                                      | 1CR1.400.918 |
| CR2      | -                  | 1 3/8" Z6                                    | 1CR2.400.912 |
| CR2      | -                  | 1 3/8" Z21                                   | 1CR2.400.913 |
| CR2      | -                  | 32X38X8                                      | 1CR2.400.919 |

## FRICTION LIMITER CLUTCH / REIBSCHEIBEN KUPPLUNG



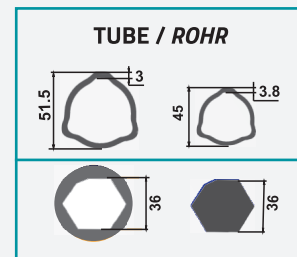
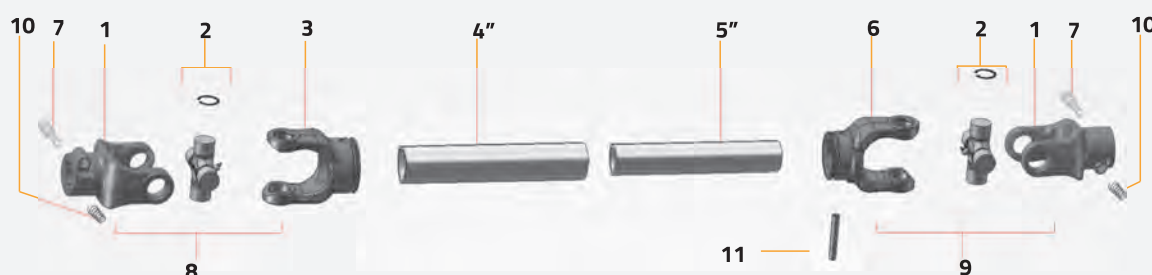
| TYPE/TYP | TORQUE<br>LEISTUNG | APPLICATION DETAILS<br>INSTALLATIONS DETAILS | CODE<br>CODE |
|----------|--------------------|----------------------------------------------|--------------|
| BS2      | 750                | 1 3/8" Z6                                    | 1BS2.400.956 |
| BS2      | 750                | 1 3/8" Z21                                   | 1BS2.400.957 |
| BS2      | 900                | 1 3/8" Z6                                    | 1BS2.400.958 |
| BS2      | 900                | 1 3/8" Z21                                   | 1BS2.400.959 |

## SHEAR BOLT LIMITER CLUTCH / SCHERBOLZEN KUPPLUNG



| TYPE/TYP | TORQUE<br>LEISTUNG | APPLICATION DETAILS<br>INSTALLATIONS DETAILS | CODE<br>CODE |
|----------|--------------------|----------------------------------------------|--------------|
| PK4      | 1900               | 1 3/8" Z6                                    | 1PK4.400.971 |
| PK4      | 1900               | 1 3/8" Z21                                   | 1PK4.400.972 |

## SERIES 4.5 / SERIE 4.5

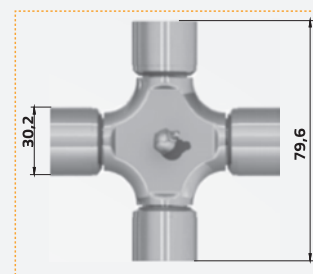


| PICTURE NR.<br>BILD NR. | 1           | 2            | 3                          | 4                          | 5                          | 6                          | 7           | 8                                | 9                                | 10           | 11           |
|-------------------------|-------------|--------------|----------------------------|----------------------------|----------------------------|----------------------------|-------------|----------------------------------|----------------------------------|--------------|--------------|
| CODE<br>CODE            | 101.450.101 | 9107.450.111 | 104.450.707<br>104.450.804 | 105.450.707<br>105.450.836 | 105.450.705<br>153.450.836 | 104.450.705<br>104.450.803 | 106.100.111 | 1TKD45.101.707<br>1TKD45.101.804 | 1TKE45.101.705<br>1TKE45.101.803 | 9125.100.107 | 9134.500.100 |

## CONNECTION DEVICES FOR THE TRACTOR AND MACHINE SIDE VERBINDUNGSELEMENTE FÜR DIE TRAKTOR UND MASCHINEN SEITE

| CODE / CODE | K  | DK  | L2 | L1  | D1         | CONNECTION / VERBINDUNG                                                                            | PICTURE / BILD |
|-------------|----|-----|----|-----|------------|----------------------------------------------------------------------------------------------------|----------------|
| 101.450.101 |    |     | 20 | 113 | 1 3/8" Z6  | PUSH PIN YOKE<br>GABEL MIT SCHIEBESTIFT                                                            |                |
| 101.450.102 |    |     | 20 | 113 | 1 3/8" Z21 |                                                                                                    |                |
| 101.450.103 |    |     | 20 | 113 | 1 1/8" Z6  |                                                                                                    |                |
| 101.450.106 |    |     | 20 | 113 | 32X38X Z8  |                                                                                                    |                |
| 101.450.201 |    |     | 20 | 113 | 1 3/8" Z6  | TAPER PIN YOKE<br>GABEL MIT KONISCHER<br>KLEMMSCHRAUBE                                             |                |
| 101.450.202 |    |     | 20 | 113 | 1 3/8" Z21 |                                                                                                    |                |
| 101.450.203 |    |     | 20 | 113 | 1 1/8" Z6  |                                                                                                    |                |
| 101.450.206 |    |     | 20 | 113 | 32X38X Z8  |                                                                                                    |                |
| 102.450.340 | 10 |     | 20 | 96  | 40         | ROUND BORE WITH<br>PIN HOLE<br>STANDARD GABEL MIT<br>PINLOCH                                       |                |
| 102.450.335 | 10 |     | 20 | 96  | 35         |                                                                                                    |                |
| 102.450.330 | 10 |     | 20 | 96  | 30         |                                                                                                    |                |
| 102.450.440 | 12 | M10 | 20 | 96  | 40         | YOKE WITH KEYWAY A.<br>TAPPED HOLE<br>GABEL MIT NUT UND<br>GEWINDEBOHRUNG                          |                |
| 102.450.435 | 10 | M10 | 20 | 96  | 35         |                                                                                                    |                |
| 102.450.430 | 10 | M10 | 20 | 96  | 30         |                                                                                                    |                |
| 101.450.540 | 12 |     | 20 | 113 | 40         | ROUND BORE,<br>INTERFERING<br>RECESSED, CLAM BOLT<br>GABEL MIT NUT,<br>G.BOHRUNG,<br>K. KLSCHRAUBE |                |
| 101.450.535 | 10 |     | 20 | 113 | 35         |                                                                                                    |                |
| 101.450.530 | 10 |     | 24 | 113 | 30         |                                                                                                    |                |
| 102.450.601 |    |     |    | 96  | 1 3/8" Z6  | SPLINED YOKE<br>PROFILGABEL                                                                        |                |
| 102.450.602 |    |     |    | 96  | 1 3/8" Z21 |                                                                                                    |                |
| 102.450.604 |    |     |    | 96  | 1 3/4" Z6  |                                                                                                    |                |

**SERIES 4.5 / SERIE 4.5**

**PERIOD/ZYKLUS**

|              | MM  | INC  | MM  | INC   | MM  | INC   | MM   | INC   | MM   | INC   | MM   | INC   | MM   | INC   | MM   | INC   | MM   | INC   | MM   | INC   |
|--------------|-----|------|-----|-------|-----|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|
| <b>L min</b> | 460 | 18"  | 510 | 20"   | 560 | 22"   | 660  | 26"   | 760  | 30"   | 860  | 35"   | 910  | 36"   | 1010 | 40"   | 1110 | 44"   | 1210 | 48"   |
| <b>L max</b> | 680 | 26"  | 710 | 30"   | 830 | 33"   | 1000 | 40"   | 1150 | 45"   | 1250 | 49"   | -    | -     | -    | -     | -    | -     | -    | -     |
| <b>B1</b>    | 113 | 4,4" | 113 | 4,4"  | 113 | 4,4"  | 113  | 4,4"  | 113  | 4,4"  | 113  | 4,4"  | 113  | 4,4"  | 113  | 4,4"  | 113  | 4,4"  | 113  | 4,4"  |
| <b>Lt</b>    | 686 | 27"  | 736 | 28.9" | 786 | 30.9" | 886  | 34.8" | 986  | 38.8" | 1086 | 42.7" | 1136 | 44.7" | 1236 | 48.6" | 1336 | 52.5" | 1436 | 56.5" |

|                  |         |              |                  |         |              |                                             |
|------------------|---------|--------------|------------------|---------|--------------|---------------------------------------------|
| 540              | RPM/RPM | 1<br>MIN/MIN | 1000             | RPM/RPM | 1<br>MIN/MIN |                                             |
| POWER / LEISTUNG |         |              | POWER / LEISTUNG |         |              | MAXIMAL DYNAMIC TORQUE<br>MAXIMALE LEISTUNG |
| VALUES / WERTE   |         |              | VALUES / WERTE   |         |              |                                             |
| KW               |         | 35           | KW               |         | 54           |                                             |
| HP               |         | 47           | HP               |         | 74           |                                             |
| N.m              |         | 620          | N.m              |         | 520          | 1050                                        |
| l.n.lb           |         | 5500         | l.n.lb           |         | 4600         | 6300                                        |

| TYPE/TYP | TORQUE<br>LEISTUNG | APPLICATION DETAILS<br>INSTALLATIONS DETAILS | CODE<br>CODE |
|----------|--------------------|----------------------------------------------|--------------|
| TR2      | 500                | 1 3/8" Z6                                    | 1TR2.450.933 |
| TR2      | 500                | 1 3/8" Z21                                   | 1TR2.450.934 |
| TR2      | 600                | Ø30 d1=10mm                                  | 1TR2.450.936 |
| TR2      | 600                | Ø30 d1=m8 d2=10mm                            | 1TR2.450.937 |
| TR3      | 800                | 1 3/8" Z6                                    | 1TR3.450.938 |
| TR3      | 800                | 1 3/8" Z21                                   | 1TR3.450.939 |
| TR4      | 1000               | 1 3/8" Z6                                    | 1TR4.450.942 |
| TR4      | 1000               | 1 3/8" Z21                                   | 1TR4.450.943 |
| TR4      | 1200               | 1 3/8" Z6                                    | 1TR4.450.944 |
| TR4      | 1200               | 1 3/8" Z21                                   | 1TR4.450.945 |

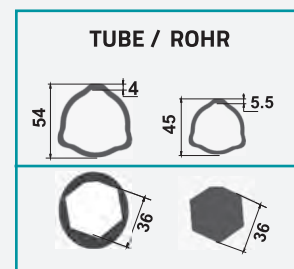
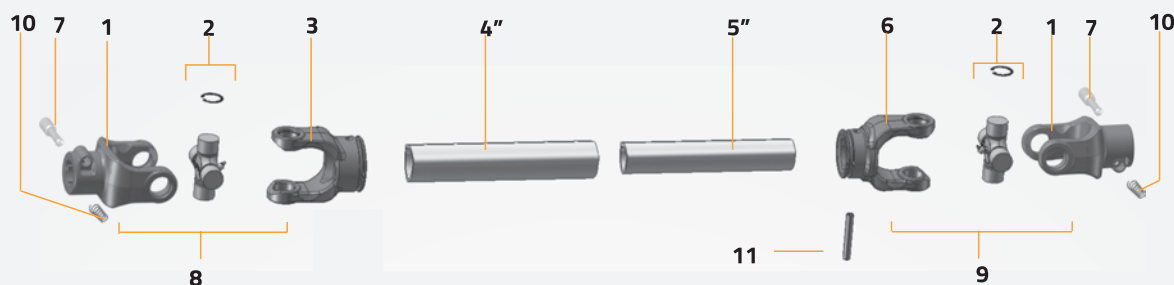
| TYPE/TYP | TORQUE<br>LEISTUNG | APPLICATION DETAILS<br>INSTALLATIONS DETAILS | CODE<br>CODE |
|----------|--------------------|----------------------------------------------|--------------|
| CR1      | -                  | 1 3/8" Z6                                    | 1CR1.400.910 |
| CR1      | -                  | 1 3/8" Z21                                   | 1CR1.400.911 |
| CR1      | -                  | 32X38X8                                      | 1CR1.400.918 |
| CR2      | -                  | 1 3/8" Z6                                    | 1CR2.400.912 |
| CR2      | -                  | 1 3/8" Z21                                   | 1CR2.400.913 |
| CR2      | -                  | 32X38X8                                      | 1CR2.400.919 |

| TYPE/TYP | TORQUE<br>LEISTUNG | APPLICATION DETAILS<br>INSTALLATIONS DETAILS | CODE<br>CODE |
|----------|--------------------|----------------------------------------------|--------------|
| BS2      | 1200               | 1 3/8" Z6                                    | 1BS2.450.956 |
| BS2      | 1200               | 1 3/8" Z21                                   | 1BS2.450.957 |

| TYPE/TYP | TORQUE<br>LEISTUNG | APPLICATION DETAILS<br>INSTALLATIONS DETAILS | CODE<br>CODE |
|----------|--------------------|----------------------------------------------|--------------|
| PK4      | 2200               | 1 3/8" Z6                                    | 1PK4,400.971 |
| PK4      | 2200               | 1 3/8" Z21                                   | 1PK4,400.972 |

## SPARE PARTS ERSATZTEILE

### SERIES 5 / SERIE 5



| PICTURE NR.<br>BILD NR. | 1           | 2            | 3                          | 4                          | 5                          | 6                          | 7           | 8                              | 9                              | 10           | 11           |
|-------------------------|-------------|--------------|----------------------------|----------------------------|----------------------------|----------------------------|-------------|--------------------------------|--------------------------------|--------------|--------------|
| CODE<br>CODE            | 101.500.101 | 9107.500.111 | 104.500.708<br>104.500.804 | 105.500.708<br>105.500.836 | 105.500.706<br>153.500.836 | 104.500.706<br>104.500.803 | 106.100.111 | 1TKD5.101.708<br>1TKD5.101.804 | 1TKE5.101.706<br>1TKE5.101.803 | 9125.100.107 | 9134.500.100 |

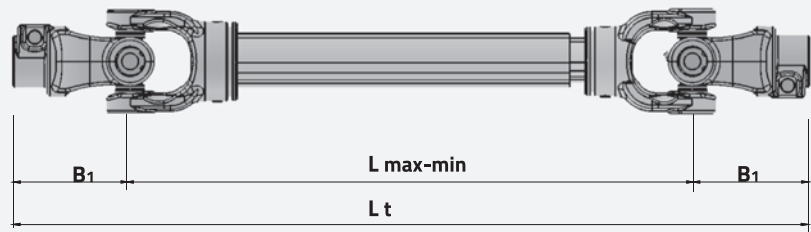
## CONNECTION DEVICES FOR THE TRACTOR AND MACHINE SIDE VERBINDUNGSELEMENTE FÜR DIE TRAKTOR UND MASCHINEN SEITE

| CODE / CODE | K  | DK  | L2 | L1  | D1         | CONNENTION / VERBINDUNG                                                                             | PICTURE / BILD |
|-------------|----|-----|----|-----|------------|-----------------------------------------------------------------------------------------------------|----------------|
| 101.500.101 |    |     | 24 | 118 | 1 3/8" Z6  | PUSH PIN YOKE<br>GABEL MIT SCHIEBESTIFT                                                             |                |
| 101.500.102 |    |     | 24 | 118 | 1 3/8" Z21 |                                                                                                     |                |
| 101.500.103 |    |     | 24 | 118 | 1 1/8" Z6  |                                                                                                     |                |
| 101.500.106 |    |     | 24 | 118 | 32X38X Z8  |                                                                                                     |                |
| 101.500.201 |    |     | 24 | 118 | 1 3/8" Z6  | TAPER PIN YOKE<br>GABEL MIT KONISCHER<br>KLEMMSCHRAUBE                                              |                |
| 101.500.202 |    |     | 24 | 118 | 1 3/8" Z21 |                                                                                                     |                |
| 101.500.203 |    |     | 24 | 118 | 1 1/8" Z6  |                                                                                                     |                |
| 101.500.206 |    |     | 24 | 118 | 32X38X Z8  |                                                                                                     |                |
| 102.500.340 | 10 |     | 20 | 108 | 40         | ROUND BORE WITH<br>PIN HOLE<br>STANDARD GABEL MIT<br>PINLOCH                                        |                |
| 102.500.335 | 10 |     | 20 | 108 | 35         |                                                                                                     |                |
| 102.500.330 | 10 |     | 20 | 108 | 30         |                                                                                                     |                |
| 102.500.440 | 12 | M10 | 20 | 108 | 40         | YOKE WITH KEYWAY A.<br>TAPPED HOLE<br>GABEL MIT NUT UND<br>GEWINDEBOHRUNG                           |                |
| 102.500.435 | 10 | M10 | 20 | 108 | 35         |                                                                                                     |                |
| 102.500.430 | 10 | M10 | 20 | 108 | 30         |                                                                                                     |                |
| 101.500.540 | 12 |     | 20 | 118 | 40         | ROUND BORE,<br>INTERFERING<br>RECESSED, CLAM BOLT<br>GABEL MIT NUT,<br>G.BOHRUNG,<br>K. KL.SCHRAUBE |                |
| 101.500.535 | 10 |     | 20 | 118 | 35         |                                                                                                     |                |
| 101.500.530 | 10 |     | 20 | 118 | 30         |                                                                                                     |                |
| 102.500.601 |    |     |    | 108 | 1 3/8" Z6  | SPLINED YOKE<br>PROFILGABEL                                                                         |                |
| 102.500.602 |    |     |    | 108 | 1 3/8" Z21 |                                                                                                     |                |
| 102.500.604 |    |     |    | 108 | 1 3/4" Z6  |                                                                                                     |                |

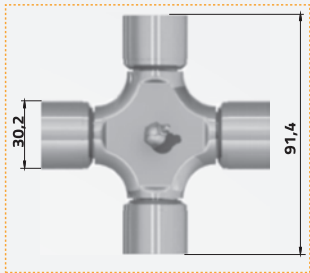


SAFETY DEVICES / CARDAN SHAFT LENGTHS / SPECIFICATIONS  
SICHERHEITSKUPPLUNGEN / GELENKWELLELÄNGE / SPEZIFIKATIONEN

SERIES 5 / SERIE 5



Lengths / Minimum & Maximum Länge



PERIOD/ZYKLUS

|       | MM  | INC  | MM  | INC   | MM  | INC   | MM   | INC   | MM   | INC   | MM   | INC   | MM   | INC   | MM   | INC   | MM   | INC   | MM   | INC   |
|-------|-----|------|-----|-------|-----|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|
| L min | 460 | 18"  | 510 | 20"   | 560 | 22"   | 660  | 26"   | 760  | 30"   | 860  | 35"   | 910  | 36"   | 1010 | 40"   | 1110 | 44"   | 1210 | 48"   |
| L max | 680 | 26"  | 710 | 30"   | 830 | 33"   | 1000 | 40"   | 1150 | 45"   | 1250 | 49"   | -    | -     | -    | -     | -    | -     | -    | -     |
| B1    | 113 | 4,4" | 113 | 4,4"  | 113 | 4,4"  | 113  | 4,4"  | 113  | 4,4"  | 113  | 4,4"  | 113  | 4,4"  | 113  | 4,4"  | 113  | 4,4"  | 113  | 4,4"  |
| Lt    | 686 | 27"  | 736 | 28,9" | 786 | 30,9" | 886  | 34,8" | 986  | 38,8" | 1086 | 42,7" | 1136 | 44,7" | 1236 | 48,6" | 1336 | 52,5" | 1436 | 56,5" |

| 540              | RPM/RPM | 1<br>MIN/MIN | 1000             | RPM/RPM | 1<br>MIN/MIN |                                             |
|------------------|---------|--------------|------------------|---------|--------------|---------------------------------------------|
| POWER / LEISTUNG |         |              | POWER / LEISTUNG |         |              | MAXIMAL DYNAMIC TORQUE<br>MAXIMALE LEISTUNG |
| VALUES / WERTE   |         |              | VALUES / WERTE   |         |              |                                             |
| KW               |         | 47           | KW               |         | 74           |                                             |
| HP               |         | 64           | HP               |         | 100          |                                             |
| N.m              |         | 830          | N.m              |         | 710          | 1450                                        |
| In.Lb            |         | 7350         | In.Lb            |         | 6250         | 12850                                       |

TORQUE LIMITER CLUTCH  
STERNRATCHEN KUPPLUNG



| TYPE/TYP | TORQUE<br>LEISTUNG | APPLICATION DETAILS<br>INSTALLATIONS DETAILS | CODE<br>CODE |
|----------|--------------------|----------------------------------------------|--------------|
| TR2      | 500                | 1 3/8" Z6                                    | 1TR2.500.933 |
| TR2      | 500                | 1 3/8" Z21                                   | 1TR2.500.934 |
| TR2      | 600                | Ø30 d1=10mm                                  | 1TR2.500.936 |
| TR2      | 600                | Ø30 d1=m8 d2=10mm                            | 1TR2.500.937 |
| TR3      | 800                | 1 3/8" Z6                                    | 1TR3.500.938 |
| TR3      | 800                | 1 3/8" Z21                                   | 1TR3.500.939 |
| TR4      | 1000               | 1 3/8" Z6                                    | 1TR4.500.942 |
| TR4      | 1000               | 1 3/8" Z21                                   | 1TR4.500.943 |
| TR4      | 1200               | 1 3/8" Z6                                    | 1TR4.500.944 |
| TR4      | 1200               | 1 3/8" Z21                                   | 1TR4.500.945 |

OVERRUNNING CLUTCH  
FREILAUF KUPPLUNG



| TYPE/TYP | TORQUE<br>LEISTUNG | APPLICATION DETAILS<br>INSTALLATIONS DETAILS | CODE<br>CODE |
|----------|--------------------|----------------------------------------------|--------------|
| CR1      | -                  | 1 3/8" Z6                                    | 1CR1.400.910 |
| CR1      | -                  | 1 3/8" Z21                                   | 1CR1.400.911 |
| CR1      | -                  | 32X38X8                                      | 1CR1.400.918 |
| CR2      | -                  | 1 3/8" Z6                                    | 1CR2.400.912 |
| CR2      | -                  | 1 3/8" Z21                                   | 1CR2.400.913 |
| CR2      | -                  | 32X38X8                                      | 1CR2.400.919 |

FRICTION LIMITER CLUTCH  
REIBSCHEIBEN KUPPLUNG



| TYPE/TYP | TORQUE<br>LEISTUNG | APPLICATION DETAILS<br>INSTALLATIONS DETAILS | CODE<br>CODE |
|----------|--------------------|----------------------------------------------|--------------|
| BS2      | 1200               | 1 3/8" Z6                                    | 1BS2.500.960 |
| BS2      | 1200               | 1 3/8" Z21                                   | 1BS2.500.961 |
| BS3      | 1200               | 1 3/4" Z6                                    | 1BS2.500.962 |

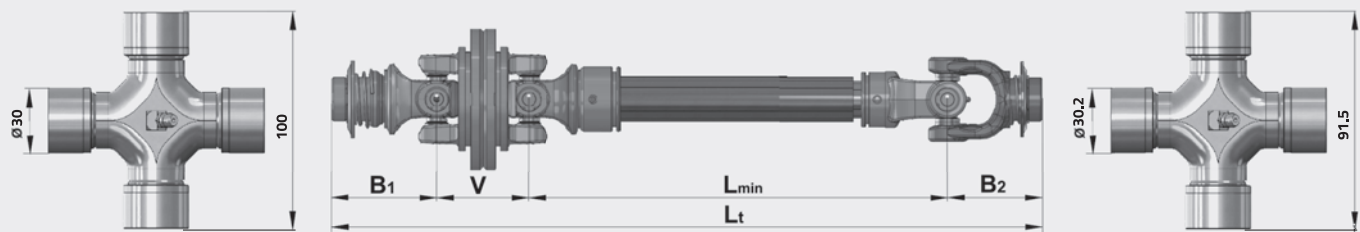
SHEAR BOLT LIMITER CLUTCH  
SCHERBOLZEN KUPPLUNG



| TYPE/TYP | TORQUE<br>LEISTUNG | APPLICATION DETAILS<br>INSTALLATIONS DETAILS | CODE<br>CODE |
|----------|--------------------|----------------------------------------------|--------------|
| PK5      | 2500               | 1 3/8" Z6                                    | 1PK5.500.971 |
| PK5      | 2500               | 1 3/8" Z21                                   | 1PK5.500.972 |
| PK5      | 2500               | 1 3/4" Z6                                    | 1PK5.500.974 |
| PK5      | 2500               | 1 3/4" Z20                                   | 1PK5.500.975 |

WIDE ANGLE JOINT CARDAN SHAFTS / SAFETY DEVICES / SPECIFICATIONS  
WEITWINKEL SICHERHEITSKUPPLUNGEN / GELENKWELLELÄNGEN / SPEZIFIKATIONEN

SERIES 5 / SERIE 5



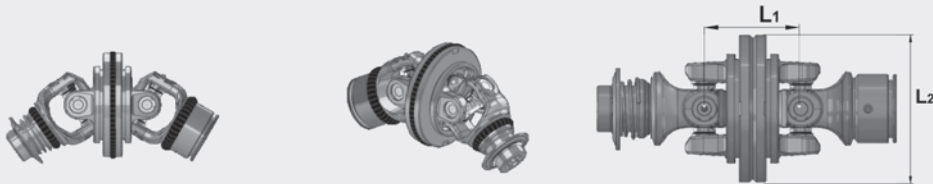
PERIOD/ZYKLUS

|       | MM  | INC   | MM  | INC   | MM  | INC   | MM   | INC  | MM   | INC  | MM   | INC   | MM   | INC   | MM   | INC   | MM   | INC   | MM   | INC   |
|-------|-----|-------|-----|-------|-----|-------|------|------|------|------|------|-------|------|-------|------|-------|------|-------|------|-------|
| L min | 460 | 4,4"  | 510 | 20"   | 560 | 22"   | 760  | 30"  | 860  | 35"  | 910  | 36    | 1010 | 40"   | 1010 | 40"   | 1110 | 44"   | 1210 | 4,4"  |
| V     | 112 | 4,4"  | 112 | 4,4"  | 112 | 4,4"  | 112  | 4,4" | 112  | 4,4" | 112  | 4,4"  | 112  | 4,4"  | 112  | 4,4"  | 112  | 4,4"  | 112  | 4,4"  |
| B1    | 143 | 5,6"  | 143 | 5,6"  | 143 | 5,6"  | 143  | 5,6" | 143  | 5,6" | 143  | 5,6"  | 143  | 5,6"  | 143  | 5,6"  | 143  | 5,6"  | 143  | 5,6"  |
| B2    | 128 | 5"    | 128 | 5"    | 128 | 5"    | 128  | 5"   | 128  | 5"   | 128  | 5"    | 128  | 5"    | 128  | 5"    | 128  | 5"    | 128  | 5"    |
| Lt    | 843 | 33,2" | 893 | 35,2" | 943 | 37,1" | 1143 | 45"  | 1243 | 45"  | 1293 | 50,9" | 1393 | 54,8" | 1493 | 54,8" | 1493 | 58,8" | 1593 | 62,7" |

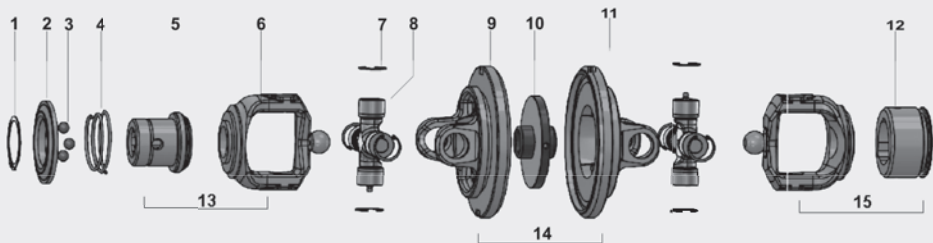
The wide angle joint safety device is able to work in strong turns between 70 and 80 degrees in regarding to the kind of the agriculture machine.  
The wide angle joint Pto must greacing between standard periods.

Je nach art der agrar maschine kann die weitwinkel kupplung bei scharfen kurven zwischen 70 -80 krümmungsgraden arbeiten, in bestimmten zeitabstanden muss die weitwinkel zapfwelle mit entsprechenden fetten eingeschmiert werden.

ÇA80°



| SERIES<br>SERIE | CODE<br>KOD  | SPLINE<br>PROFIEL | L1 MM | L2MM  |
|-----------------|--------------|-------------------|-------|-------|
| 5               | 1ÇA8.500.990 | 1 3/8"Z6          | 112   | 177,5 |
| 5               | 1ÇA8.500.991 | 1 3/8"Z21         | 112   | 177,5 |
| 5               | 1ÇA8.500.992 | 1 3/4"Z6          | 112   | 177,5 |



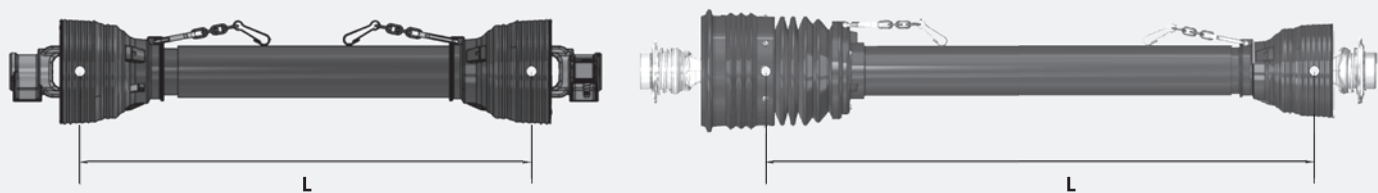
| PART NO | CODE<br>KOD  | DESCRIPTION/BEZEICHNUNG                        | QUANTITY | STANDARD NR - SPLINE<br>STANDARD NR - PROFIEL |
|---------|--------------|------------------------------------------------|----------|-----------------------------------------------|
| 1       | 9126.100.101 | CIRCLIP/STÜTZSCHEIBE                           | 1        |                                               |
| 2       | 9223.100.125 | LOCKING PLATE/ANSCHLUSSPLATTE                  | 1        |                                               |
| 3       | 9132.TR1.100 | BALL/KUGEL                                     | 3        |                                               |
| 4       | 9125.TR1.104 | LOCKING SPRINGS/ANSCHLUSSFEDER                 | 1        | TS 2500 SH                                    |
| 5       | 115.GNL.301  | BALL BEARING HUB/NABE MIT KUGELLAGER           | 1        | 1 3/8"Z6                                      |
|         | 115.GNL.302  | BALL BEARING HUB/NUBE MIT KUGELLAGER           | 1        | 1 3/8"Z21                                     |
| 6       | 116.ÇA8.100  | WIDE ANGLE INBOARD YOKE/WEITWINKEL RILLENGABEL | 2        | CK 45                                         |
| 7       | 9126.500.103 | CIRCLIP/STÜTZSCHEIBE                           | 1        |                                               |
| 8       | 9107.200.212 | CROSS AND BEARING KITS/KREUTZGARNITUR          | 2        |                                               |
| 9       | 118.ÇA8.100  | FLANGE YOKE/FLANCSH GABEL                      | 2        | SAE 1040                                      |
| 10      | 117.ÇA8.100  | FLANGE ROTATING DISK/ROTIERENDE FLANSCH DISK   | 1        | 8620                                          |
| 11      | 9127.CR1.101 | LUBRICATION FITTING/SCHMERNPPEL                | 2        |                                               |
| 12      | 119.ÇA8.101  | WIDE ANGLE BUSHING/WEITWINKEL BUCHSE           | 1        | SA1040                                        |
| 13      | 116.ÇA8.015  | COLLAR YOKE (CVI)/COLLAR                       | 1        |                                               |
| 14      | 152.ÇA8.100  | DOUBLE YOKE/DOPPELGABEL                        | 1        |                                               |
| 15      | 116.ÇA8.019  | OUTER TUBE YOKE (CVI)/AUSSENPROFILGABEL (CVI)  | 1        |                                               |



CARDAN SHAFT COVERS WITH DIVERSE

ZAPFWELLENSCHUTZ IN UNTERSCHIEDLICHEN LÄNGEN

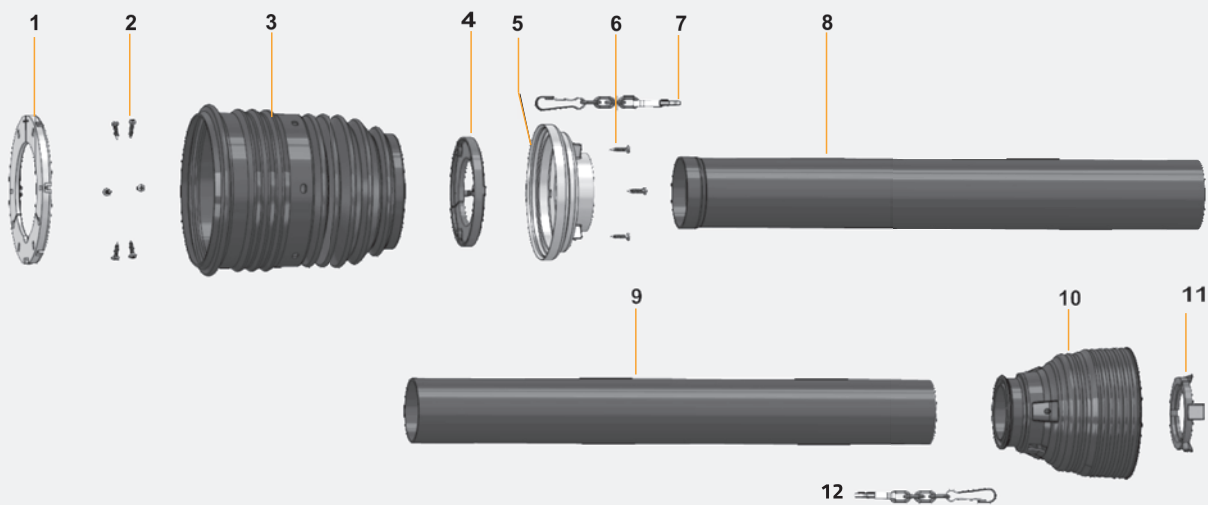
SERIES 5 / SERIE 5



| LENGHT / LAENGE | 460         | 510         | 560         | 660          | 760         | 860         | 910         | 1010        | 1110        | 1210        |
|-----------------|-------------|-------------|-------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|
| CODE            | 143.500.046 | 143.500.051 | 143.500.056 | 143.5300.066 | 143.500.076 | 143.500.086 | 143.500.091 | 143.500.101 | 143.500.111 | 143.500.121 |

SPARE PARTS FOR WIDE ANGLE JOINT PTO PROTECTION

ERSATZTEILE FÜR WEITWINKEL GELENKWELLE SCHUTZHÜLLEN

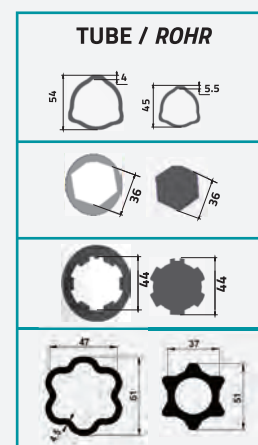
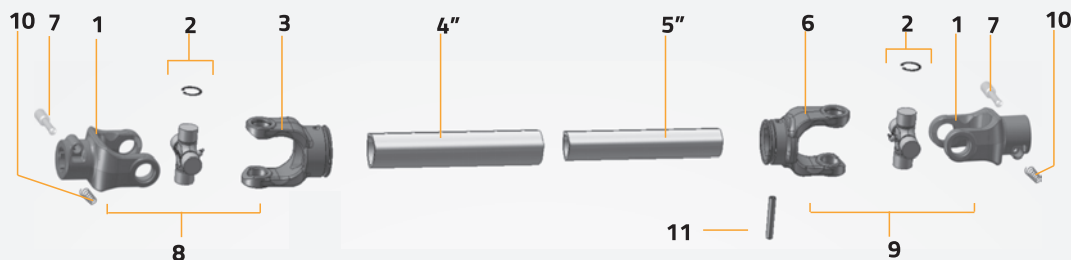


| PART NO | CODE / KOD    | DESCRIPTION / BEZEICHNUNG                     | STANDARD NO / STANDARD NR |
|---------|---------------|-----------------------------------------------|---------------------------|
| 1       | 91.44.580.202 | SLIDING RING/GLEITRING                        |                           |
| 2       | 91.28.xxx.xxx | SELF TAPPING SCREWS/UNTERLEGSCHraubENSCHRAUBE |                           |
| 6       | 91.28.xxx.xxx | SELF TAPPING SCREWS/UNTERLEGSCHraubENSCHRAUBE |                           |
| 3       | 9137.500.202  | PLASTIC ACCORDION/KUNSTOFFAKKORDEON           |                           |
| 4       | 9144.500.201  | SLIDING RING/GLEITRING                        |                           |
| 5       | 9137.500.201  | CONE ASEMBLY/TRICHTER                         |                           |
| 7       | 9147.100.101  | SAFETY CHAIN/SICHERHEITSHAL TEKETTE           |                           |
| 12      | 9146.100.100  | CHAIN HOOK/KETTENHAKEN                        |                           |
| 8       | 9245.100.103  | INNER PLASTIC TUBE/INNENKUNSTOFFROHR          | PE100 Ø75                 |
| 9       | 9245.100.102  | OUTER PLASTIC TUBE/AUSSENKUNSTOFFROHR         | PE 100 Ø70                |
| 10      | 9138.400.100  | CONE/SCHUTZTÖPFE                              |                           |
| 11      | 9144.400.100  | SLIDING RING/GLEITRING                        | POLYAMID                  |

\*PLEASE ADD THE LENGTHS AS CM MEASURE AFTER THE CODE  
\*BITTE FÜGEN SIE DIE LAENGE ALS CM MASS HINTER DEM CODE HINZU

# SPARE PARTS ERSATZTEILE

## SERIES 6 / SERIE 6



| PICTURE NR.<br>BILD NR. | 1           | 2                                                         | 3                                                        | 4                                                        | 5                                         | 6           | 7                                               | 8                                                               | 9            | 10 | 11 |
|-------------------------|-------------|-----------------------------------------------------------|----------------------------------------------------------|----------------------------------------------------------|-------------------------------------------|-------------|-------------------------------------------------|-----------------------------------------------------------------|--------------|----|----|
| CODE<br>CODE            | 101.600.101 | 104.600.708<br>104.600.804<br>104.600.806<br>9107.600.111 | 105.600.708<br>105.600.836<br>105.600.844<br>105.600.844 | 105.600.706<br>153.600.836<br>157.600.844<br>165.600.851 | 104.600.706<br>104.600.803<br>104.600.805 | 106.100.111 | 1TKD6.101.708<br>1TKD6.101.804<br>1TKD6.101.806 | 1TKE6.101.706<br>1TKE6.101.803<br>1TKE6.101.805<br>9125.100.107 | 9134.500.100 |    |    |

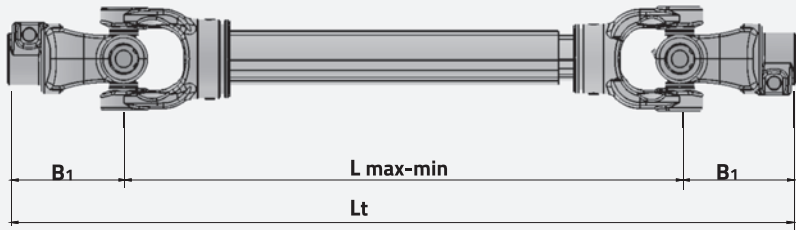
## CONNECTION DEVICES FOR THE TRACTOR AND MACHINE SIDE VERBINDUNGSELEMENTE FÜR DIE TRAKTOR UND MASCHINEN SEITE

| CODE / CODE | K  | DK  | L2 | L1  | D1         | CONNECTION / VERBINDUNG                                                                             | PICTURE / BILD |
|-------------|----|-----|----|-----|------------|-----------------------------------------------------------------------------------------------------|----------------|
| 101.600 101 |    |     | 24 | 126 | 1 3/8" Z6  | PUSH PIN YOKE<br>GABEL MIT SCHIEBESTIFT                                                             |                |
| 101.600 102 |    |     | 24 | 126 | 1 3/8" Z21 |                                                                                                     |                |
| 101.600 104 |    |     | 24 | 126 | 1 1/8" Z6  |                                                                                                     |                |
| 101.600 106 |    |     | 24 | 126 | 32X38X Z8  |                                                                                                     |                |
| 101.600 201 |    |     | 24 | 126 | 1 3/8" Z6  | TAPER PIN YOKE<br>GABEL MIT KONISCHER<br>KLEMMSCHRAUBE                                              |                |
| 101.600 202 |    |     | 24 | 126 | 1 3/8" Z21 |                                                                                                     |                |
| 101.600 204 |    |     | 24 | 126 | 1 1/8" Z6  |                                                                                                     |                |
| 101.600 206 |    |     | 24 | 126 | 32X38X Z8  |                                                                                                     |                |
| 102.600 340 | 10 |     | 20 | 110 | 40         | ROUND BORE WITH<br>PIN HOLE<br>STANDARD GABEL MIT<br>PINLOCH                                        |                |
| 102.600 335 | 10 |     | 20 | 110 | 35         |                                                                                                     |                |
| 102.600 330 | 10 |     | 20 | 110 | 30         |                                                                                                     |                |
| 102.600 440 | 12 | M10 | 20 | 110 | 40         | YOKE WITH KEYWAY A.<br>TAPPED HOLE<br>GABEL MIT NUT UND<br>GEWINDEBOHRUNG                           |                |
| 102.600 435 | 10 | M10 | 20 | 110 | 35         |                                                                                                     |                |
| 102.600.430 | 10 | M10 | 20 | 110 | 30         |                                                                                                     |                |
| 101.600 540 | 12 |     | 20 | 126 | 40         | ROUND BORE,<br>INTERFERING<br>RECESSED, CLAM BOLT<br>GABEL MIT NUT,<br>G.BOHRUNG,<br>K. KL.SCHRAUBE |                |
| 101.600 535 | 10 |     | 20 | 126 | 35         |                                                                                                     |                |
| 101.600.530 | 10 |     | 20 | 126 | 30         |                                                                                                     |                |
| 102.600 601 |    |     |    | 110 | 1 3/8" Z6  | SPLINED YOKE<br>PROFILGABEL                                                                         |                |
| 102.600 602 |    |     |    | 110 | 1 3/8" Z21 |                                                                                                     |                |
| 102.600.604 |    |     |    | 110 | 1 3/4"Z6   |                                                                                                     |                |

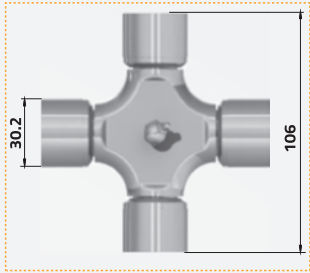
# SAFETY DEVICES / CARDAN SHAFT LENGTHS / SPECIFICATIONS

## SICHERHEITSKUPPLUNGEN / GELENKWELLELÄNGE / SPEZIFIKATIONEN

### SERIES 6 / SERIE 6



Lengths / Minimum & Maximum Länge



### PERIOD/ZYKLUS

|       | MM  | INC   | MM  | INC   | MM  | INC   | MM  | INC   | MM   | INC   | MM   | INC   | MM   | INC   | MM   | INC   | MM   | INC   | MM   | INC   |
|-------|-----|-------|-----|-------|-----|-------|-----|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|
| L min | 460 | 18"   | 510 | 20"   | 560 | 22"   | 660 | 26"   | 760  | 30"   | 860  | 35"   | 910  | 36"   | 1010 | 40"   | 1110 | 44"   | 1210 | 48"   |
| L max | 630 | 24,8" | 710 | 27,9" | 790 | 31,1" | 880 | 34,6" | 1040 | 40,9" | 1300 | 51,1" | 1380 | 54,3" | 1540 | 60,6" | 1710 | 67,3" | 1900 | 74,8" |
| B1    | 126 | 5"    | 126 | 5"    | 126 | 5"    | 126 | 5"    | 126  | 5"    | 126  | 5"    | 126  | 5"    | 126  | 5"    | 126  | 5"    | 126  | 5"    |
| Lt    | 712 | 28"   | 762 | 30"   | 812 | 32"   | 912 | 35,8" | 1012 | 39,8" | 1112 | 43,8" | 1162 | 45,7" | 1262 | 49,7" | 1362 | 53,6" | 1462 | 57,6" |

| 540              | RPM / RPM | 1<br>MIN / MIN | 1000             | RPM / RPM | 1<br>MIN / MIN |                                             |
|------------------|-----------|----------------|------------------|-----------|----------------|---------------------------------------------|
| POWER / LEISTUNG |           |                | POWER / LEISTUNG |           |                | MAXIMAL DYNAMIC TORQUE<br>MAXIMALE LEISTUNG |
| VALUES / WERTE   |           |                | VALUES / WERTE   |           |                |                                             |
| KW               |           | 55             | KW               |           | 87             |                                             |
| HP               |           | 75             | HP               |           | 118            |                                             |
| N.m              |           | 975            | N.m              |           | 830            | 1800                                        |
| In.Lb            |           | 8600           | In.Lb            |           | 7350           | 15950                                       |

### TORQUE LIMITER CLUTCH / STERNRATCHEN KUPPLUNG



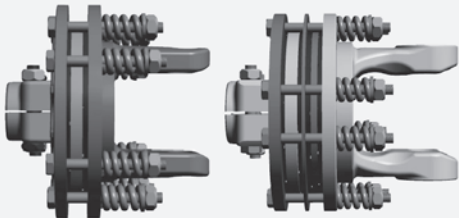
| TYPE/TYP | TORQUE<br>LEISTUNG | APPLICATION DETAILS<br>INSTALLATIONS DETAILS | CODE<br>CODE |
|----------|--------------------|----------------------------------------------|--------------|
| TR3      | 900                | 1 3/8" Z6                                    | 1TR2.600.940 |
| TR3      | 900                | 13/8" Z21                                    | 1TR2.600.941 |
| TR4      | 1000               | 1 3/8" Z6                                    | 1TR3.600.942 |
| TR4      | 1000               | 1 3/8" Z21                                   | 1TR3.600.943 |
| TR4      | 1200               | 1 3/8" Z6                                    | 1TR4.200.944 |
| TR4      | 1200               | 1 3/8" Z21                                   | 1TR4.600.945 |

### OVERRUNNING CLUTCH / FREILAUF KUPPLUNG



| TYPE/TYP | TORQUE<br>LEISTUNG | APPLICATION DETAILS<br>INSTALLATIONS DETAILS | CODE<br>CODE |
|----------|--------------------|----------------------------------------------|--------------|
| CR3      | -                  | 1 3/8" Z6                                    | 1CR1.600.914 |
| CR3      | -                  | 1 3/8" Z21                                   | 1CR1.600.915 |
| CR3      | -                  | 32X38X8                                      | 1CR1.600.920 |
| CR4      | -                  | 1 3/8" Z6                                    | 1CR2.600.916 |
| CR4      | -                  | 1 3/8" Z21                                   | 1CR2.600.921 |
| CR4      | -                  | 32X38X8                                      | 1CR2.600.921 |

### FRICTION LIMITER CLUTCH / REIBSCHEIBEN KUPPLUNG



| TYPE/TYP | TORQUE<br>LEISTUNG | APPLICATION DETAILS<br>INSTALLATIONS DETAILS | CODE<br>CODE |
|----------|--------------------|----------------------------------------------|--------------|
| B52      | 1200               | 1 3/8" Z6                                    | 1BS2.600.960 |
| B52      | 1200               | 1 3/8" Z21                                   | 1BS2.600.961 |
| B52      | 1200               | 1 3/4" Z6                                    | 1BS2.600.962 |
| B54      | 1700               | 1 3/8" Z6                                    | 1BS2.600.963 |
| B54      | 1700               | 1 3/8" Z21                                   | 1BS2.600.964 |
| B54      | 1700               | 1 3/4" Z6                                    | 1BS2.600.965 |

### SHEAR BOLT LIMITER CLUTCH / SCHERBOLZEN KUPPLUNG

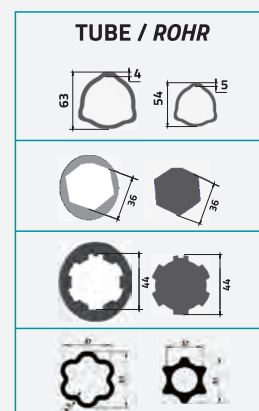
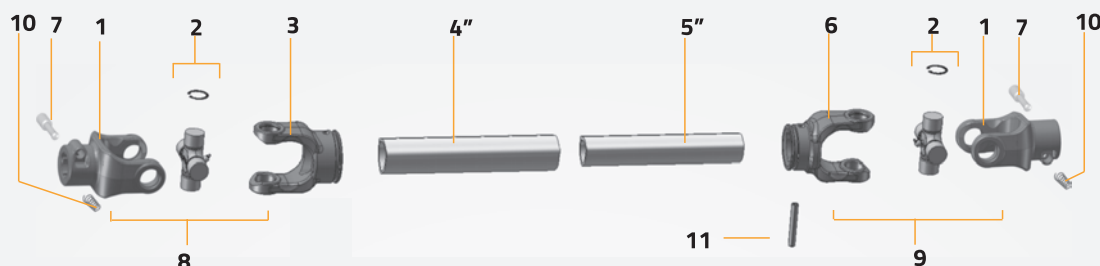


| TYPE/TYP | TORQUE<br>LEISTUNG | APPLICATION DETAILS<br>INSTALLATIONS DETAILS | CODE<br>CODE |
|----------|--------------------|----------------------------------------------|--------------|
| PK6      | 2700               | 1 3/8" Z6                                    | 1PK6.600.971 |
| PK6      | 2700               | 1 3/8" Z21                                   | 1PK6.600.972 |
| PK6      | 2700               | 1 3/4" Z6                                    | 1PK6.601.974 |
| PK6      | 2700               | 1 3/4" Z20                                   | 1PK6.600.975 |



# SPARE PARTS ERSATZTEILE

## SERIES 7 / SERIE 7



| PICTURE NR.<br>BILD NR. | 1           | 2                                                         | 3                                                        | 4                                                        | 5                                         | 6           | 7                                               | 8                                                               | 9            | 10 | 11 |
|-------------------------|-------------|-----------------------------------------------------------|----------------------------------------------------------|----------------------------------------------------------|-------------------------------------------|-------------|-------------------------------------------------|-----------------------------------------------------------------|--------------|----|----|
| CODE<br>CODE            | 101.700.101 | 104.700.710<br>104.700.804<br>104.700.806<br>9107.700.111 | 105.700.710<br>105.700.836<br>105.700.844<br>105.700.808 | 105.700.709<br>153.700.836<br>157.700.844<br>165.700.851 | 104.700.709<br>104.700.803<br>104.700.805 | 106.100.111 | 1TKD7.101.710<br>1TKD7.101.804<br>1TKD7.101.806 | 1TKE7.101.709<br>1TKE7.101.803<br>1TKE7.101.805<br>9125.100.107 | 9134.100.100 |    |    |

## CONNECTION DEVICES FOR THE TRACTOR AND MACHINE SIDE VERBINDUNG SELEMENTE FÜR DIE TRAKTOR UND MASCHINEN SEITE

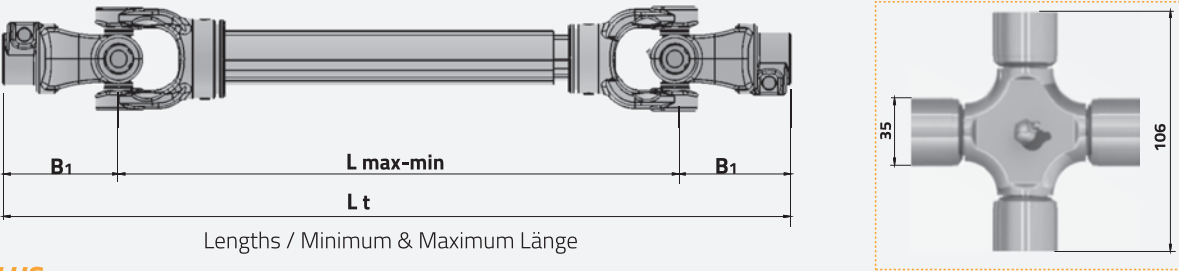
| CODE / CODE | K  | DK  | L2 | L1      | D1         | CONNECTION / VERBINDUNG                                                                                | PICTURE / BILD |
|-------------|----|-----|----|---------|------------|--------------------------------------------------------------------------------------------------------|----------------|
| 101.700.101 |    |     | 24 | 128     | 1 3/8" Z6  | PUSH PIN YOKE<br>GABEL MIT<br>SCHIEBESTIFT                                                             |                |
| 101.700.102 |    |     | 24 | 128     | 1 3/8" Z21 |                                                                                                        |                |
| 101.700.104 |    |     | 24 | 128     | 1 1/8" Z6  |                                                                                                        |                |
| 101.700.106 |    |     | 24 | 128     | 32X38X Z8  |                                                                                                        |                |
| 101.700.201 |    |     | 24 | 128     | 1 3/8" Z6  | TAPER PIN YOKE<br>GABEL MIT<br>KONISCHER<br>KLEMMSCHRAUBE                                              |                |
| 101.700.202 |    |     | 24 | 128     | 1 3/8" Z21 |                                                                                                        |                |
| 101.700.204 |    |     | 24 | 128     | 1 1/8" Z6  |                                                                                                        |                |
| 101.700.206 |    |     | 24 | 128     | 32X38X Z8  |                                                                                                        |                |
| 102.700.345 | 12 |     | 24 | 112.5   | 45         | ROUND BORE WITH<br>PIN HOLE<br>STANDARD GABEL<br>MIT PINLOCH                                           |                |
| 102.700.340 | 12 |     | 24 | 112.5   | 40         |                                                                                                        |                |
| 102.450.335 | 12 |     | 24 | 112.5   | 30         |                                                                                                        |                |
| 102.700.330 | 12 |     | 24 | 112.5   | 30         |                                                                                                        |                |
| 102.700.445 | 12 | M10 | 24 | 112.5   | 45         | YOKE WITH KEYWAY<br>A. TAPPED HOLE<br>GABEL MIT NUT UND<br>GEWINDEBOHRUNG                              |                |
| 102.700.440 | 12 | M10 | 24 | 112.5   | 40         |                                                                                                        |                |
| 102.700.435 | 10 | M10 | 24 | 112.5   | 35         |                                                                                                        |                |
| 102.700.430 | 10 |     | 24 | 112.5   | 30         |                                                                                                        |                |
| 101.700.545 | 12 |     | 24 | 128     | 45         | ROUND BORE,<br>INTERFERING<br>RECESSED,<br>CLAM BOLT<br>GABEL MIT NUT,<br>G.BOHRUNG,<br>K. KL.SCHRAUBE |                |
| 101.700.540 | 12 |     | 24 | 128     | 40         |                                                                                                        |                |
| 101.700.535 | 10 |     | 24 | 128     | 35         |                                                                                                        |                |
| 101.700.530 | 10 |     | 24 | 128     | 30         |                                                                                                        |                |
| 102.700.601 |    |     |    | 112.5   | 1 3/8" Z6  | SPLINED YOKE<br>PROFILGABEL                                                                            |                |
| 102.700.602 |    |     |    | 112.5   | 1 3/8" Z21 |                                                                                                        |                |
| 102.700.604 |    |     |    | 112.5zz | 1 3/4" Z6  |                                                                                                        |                |



SAFETY DEVICES / CARDAN SHAFT LENGTHS / SPECIFICATIONS

SICHERHEITS KUPPLUNGEN / GELENKWELLELÄNGE / SPEZIFIKATIONEN

SERIES 7 / SERIE 7

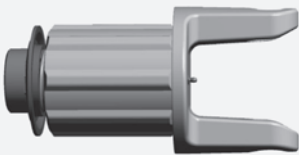


PERIOD/ZYKLUS

|       | MM  | INC   | MM  | INC   | MM  | INC   | MM  | INC   | MM   | INC   | MM   | INC   | MM   | INC   | MM   | INC   | MM   | INC   | MM   | INC   |
|-------|-----|-------|-----|-------|-----|-------|-----|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|
| L min | 460 | 18"   | 510 | 20"   | 560 | 22"   | 660 | 26"   | 760  | 30"   | 860  | 35"   | 910  | 36"   | 1010 | 40"   | 1110 | 44"   | 1210 | 48"   |
| L max | 630 | 24,8" | 720 | 24,9" | 800 | 31,4" | 960 | 37,7" | 1120 | 44    | 1300 | 51,1  | 1390 | 54,7" | 1540 | 60,6" | 1710 | 60,6" | 1900 | 74,8" |
| B1    | 126 | 5,03" | 128 | 5,03" | 128 | 5,03" | 128 | 5,03" | 128  | 5,03" | 128  | 5,03" | 128  | 5,03" | 128  | 5,03" | 128  | 5,03" | 128  | 5,03" |
| Lt    | 716 | 28,2" | 766 | 30,2" | 816 | 32,1" | 916 | 36,1" | 1016 | 40    | 1116 | 43,9" | 1166 | 45,9" | 1266 | 49,8" | 1366 | 53,6" | 1466 | 57,7" |

|                  |         |              |                  |         |              |                                             |
|------------------|---------|--------------|------------------|---------|--------------|---------------------------------------------|
| 540              | RPM/RPM | 1<br>MIN/MIN | 1000             | RPM/RPM | 1<br>MIN/MIN | MAXIMAL DYNAMIC TORQUE<br>MAXIMALE LEISTUNG |
| POWER / LEISTUNG |         |              | POWER / LEISTUNG |         |              |                                             |
| VALUES / WERTE   |         |              | VALUES / WERTE   |         |              |                                             |
| KW               |         | 70           | KW               |         | 110          |                                             |
| HP               |         | 95           | HP               |         | 150          |                                             |
| N.m              |         | 1240         | N.m              |         | 1050         | 2250                                        |
| In.Lb            |         | 10980        | In.Lb            |         | 9300         | 19900                                       |

TORQUE LIMITER CLUTCH / STERNRATCHEN KUPPLUNG



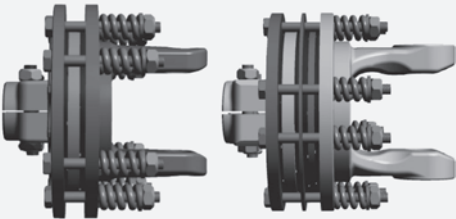
| TYPE/TYP | TORQUE<br>LEISTUNG | APPLICATION DETAILS<br>INSTALLATIONS DETAILS | CODE<br>CODE |
|----------|--------------------|----------------------------------------------|--------------|
| TR4      | 1000               | 1 3/8" Z6                                    | 1TR4.700.942 |
| TR4      | 1000               | 1 3/8" Z21                                   | 1TR4.700.943 |
| TR4      | 1200               | 1 3/8" Z6                                    | 1TR4.701.944 |
| TR4      | 1200               | 1 3/8" Z21                                   | 1TR4.700.945 |

OVERRUNING CLUTCH / FREILAUF KUPPLUNG



| TYPE/TYP | TORQUE<br>LEISTUNG | APPLICATION DETAILS<br>INSTALLATIONS DETAILS | CODE<br>CODE |
|----------|--------------------|----------------------------------------------|--------------|
| CR3      | -                  | 1 3/8" Z6                                    | 1CR3.700.914 |
| CR3      | -                  | 1 3/8" Z2                                    | 1CR3.700.915 |
| CR3      | -                  | 32X38X8                                      | 1CR3.700.920 |
| CR4      | -                  | 1 3/8" Z6                                    | 1CR4.700.916 |
| CR4      | -                  | 1 3/8" Z2                                    | 1CR4.700.917 |
| CR4      | -                  | 32X38X8                                      | 1CR4.700.921 |

FRICTION LIMITER CLUTCH / REIBSCHEIBEN KUPPLUNG



| TYPE/TYP | TORQUE<br>LEISTUNG | APPLICATION DETAILS<br>INSTALLATIONS DETAILS | CODE<br>CODE |
|----------|--------------------|----------------------------------------------|--------------|
| B52      | 1200               | 1 3/8" Z6                                    | 1BS2.700.960 |
| B52      | 1200               | 1 3/8" Z21                                   | 1BS2.700.961 |
| B52      | 1200               | 1 3/4" Z6                                    | 1BS2.700.962 |
| B54      | 1700               | 1 3/8" Z6                                    | 1BS4.700.963 |
| B54      | 1700               | 1 3/8" Z21                                   | 1BS4.700.964 |
| B54      | 1700               | 1 3/4" Z6                                    | 1BS4.700.965 |
| B54      | 1700               | 1 3/4" Z20                                   | 1BS4.700.966 |

SHEAR BOLT LIMITER CLUTCH / SCHERBOLZEN KUPPLUNG

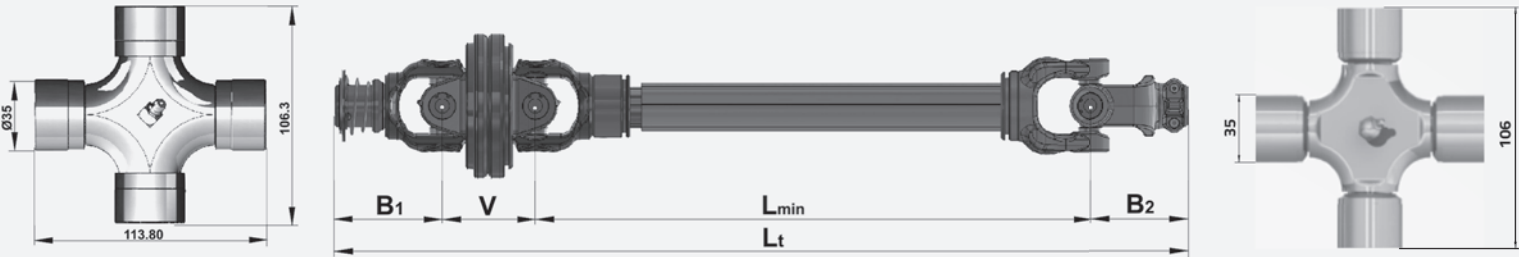


| TYPE/TYP | TORQUE<br>LEISTUNG | APPLICATION DETAILS<br>INSTALLATIONS DETAILS | CODE<br>CODE |
|----------|--------------------|----------------------------------------------|--------------|
| PK7      | 3000               | 1 3/8" Z6                                    | 1PK7.700.971 |
| PK7      | 3000               | 1 3/8" Z21                                   | 1PK7.700.972 |
| PK7      | 3000               | 1 3/4" Z6                                    | 1PK7.700.974 |
| PK7      | 3000               | 1 3/4" Z20                                   | 1PK7.700.975 |
| PK7      | 3500               | 1 3/8" Z6                                    | 1PK7.700.971 |
| PK7      | 3500               | 1 3/8" Z21                                   | 1PK7.700.972 |
| PK7      | 3500               | 1 3/4" Z6                                    | 1PK7.700.974 |
| PK7      | 3500               | 1 3/4" Z20                                   | 1PK7.700.975 |

WIDE ANGLE JOINT CARDAN SHAFTS / SAFETY DEVICES / SPECIFICATIONS

WEITWINKEL SICHERHEITSKUPPLUNGEN / GELENKWELLELÄNGEN SPEZIFIKATIONEN

SERIES 7 / SERIE 7



PERIOD/ZYKLUS

|       | MM  | INC   | MM  | INC   | MM  | INC   | MM  | INC   | MM   | INC   | MM   | INC   | MM   | INC   | MM   | INC   | MM   | INC   | MM   | INC   |
|-------|-----|-------|-----|-------|-----|-------|-----|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|
| L min | 460 | 4,4"  | 510 | 20"   | 560 | 22"   | 660 | 26"   | 760  | 30"   | 860  | 35"   | 910  | 36"   | 1010 | 40"   | 1110 | 44"   | 1210 | 48"   |
| V     | 120 | 4,7"  | 120 | 4,7"  | 120 | 4,7"  | 120 | 4,7"  | 120  | 4,7"  | 120  | 4,7"  | 120  | 4,7"  | 120  | 4,7"  | 120  | 4,7"  | 120  | 4,7"  |
| B1    | 138 | 5,43" | 138 | 5,43" | 138 | 5,43" | 138 | 5,43" | 138  | 5,43" | 138  | 5,43" | 138  | 5,43" | 138  | 5,43" | 138  | 5,43" | 138  | 5,43" |
| B2    | 128 | 5"    | 128 | 5"    | 128 | 5"    | 128 | 5"    | 128  | 5"    | 128  | 5"    | 128  | 5"    | 128  | 5"    | 128  | 5"    | 128  | 5"    |
| Lt    | 848 | 33,3" | 896 | 35,2" | 946 | 37,2" | 946 | 41,1" | 1246 | 45,1" | 1246 | 49"   | 1396 | 51"   | 1396 | 54,9" | 1496 | 58,8" | 1596 | 62,8" |

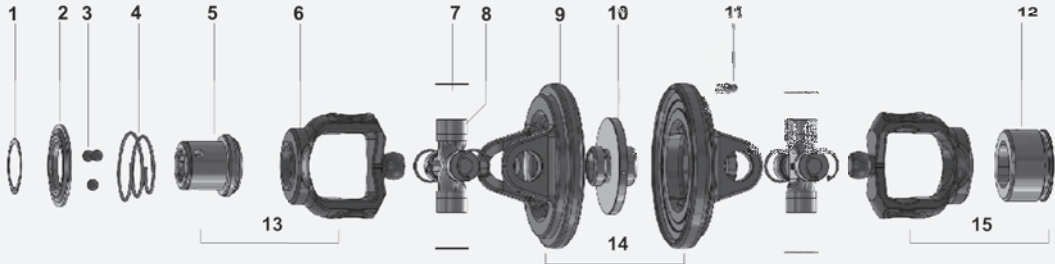
The wide angle joint safety device is able to work in strong turns between 70 and 80 degrees in regarding to the kind of the agriculture machine.  
The wide angle joint Pto must greacing between standard periods.

Je nach art der agrar maschine kann die weitwinkel kupplung bei scharfen kurven zwischen 70 -80 krümmungsgraden arbeiten, in bestimmten zeitabstanden muss die weitwinkel zapfwelle mit entsprechenden fetten eingeschmiert werden.

ÇA80°



| SERIES<br>SERIE | CODE<br>KOD  | SPLINE<br>PROFIEL | L1 MM | L2MM |
|-----------------|--------------|-------------------|-------|------|
| 7               | 1ÇA8.700.990 | 1 3/8"Z6          | 120   | 188  |
| 7               | 1ÇA8.700.991 | 1 3/8"Z21         | 120   | 188  |
| 7               | 1ÇA8.700.992 | 1 3/4"Z6          | 120   | 188  |

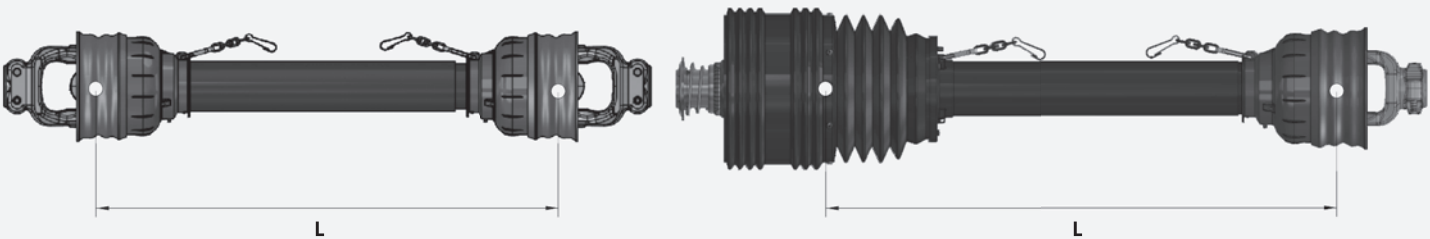


| PART NO | CODE<br>KOD  | DESCRIPTION/BEZEICHNUNG                       | QUANTITY | STANDARD NR - SPLINE<br>STANDARD NR - PROFIEL |
|---------|--------------|-----------------------------------------------|----------|-----------------------------------------------|
| 1       | 9126.100.101 | CIRCLIP/STÜTZSCHEIBE                          | 1        |                                               |
| 2       | 9223.100.124 | LOCKING PLATE/ANSCHLUSSPLATTE                 | 1        |                                               |
| 3       | 9132.TR1.107 | BALL/KUGEL                                    | 3        |                                               |
| 4       | 9125.TR1.115 | LOCKING SPRINGS/ANSCHLUSSFEDER                | 1        | TS 2500 SH                                    |
| 5       | 115.GNL.301  | BALL BEARING HUB/NABE MIT KUGELLAGER          | 1        | 1 3/8"Z6                                      |
|         | 115.GNL.302  | BALL BEARING HUB/NUBE MIT KUGELLAGER          | 1        | 1 3/8"Z21                                     |
| 6       | 116.ÇA8.100  | WIDE ANGLE INBOARD YOKE/WEITWINKEL RILLEGABEL | 2        | CK 45                                         |
| 7       | 9126.700.106 | CIRCLIP/STÜTZSCHEIBE                          | 1        |                                               |
| 8       | 9107.500.212 | CROSS AND BEARING KITS/KREUTZGARNITUR         | 2        |                                               |
| 9       | 118.ÇA8.700  | FLANGE YOKE/FLANCSH GABEL                     | 2        | SAE 1040                                      |
| 10      | 117.ÇA8.700  | FLANGE ROTATING DISK/ROTIERENDE FLANSCH DISK  | 1        | 8620                                          |
| 11      | 9127.CR1.101 | LUBRICATION FITTING/SCHMERNPPEL               | 2        |                                               |
| 12      | 119.ÇA8.101  | WIDE ANGLE BUSHING/WEITWINKEL BUCHSE          | 1        | SA1040                                        |
| 13      | 116.ÇA8.015  | COLLAR YOKE (CVI)/COLLAR                      | 1        |                                               |
| 14      | 152.ÇA8.100  | DOUBLE YOKE/DOPPELGABEL                       | 1        |                                               |
| 15      | 116.ÇA8.019  | OUTER TUBE YOKE (CVI)/AUSSENPROFILGABEL       | 1        |                                               |



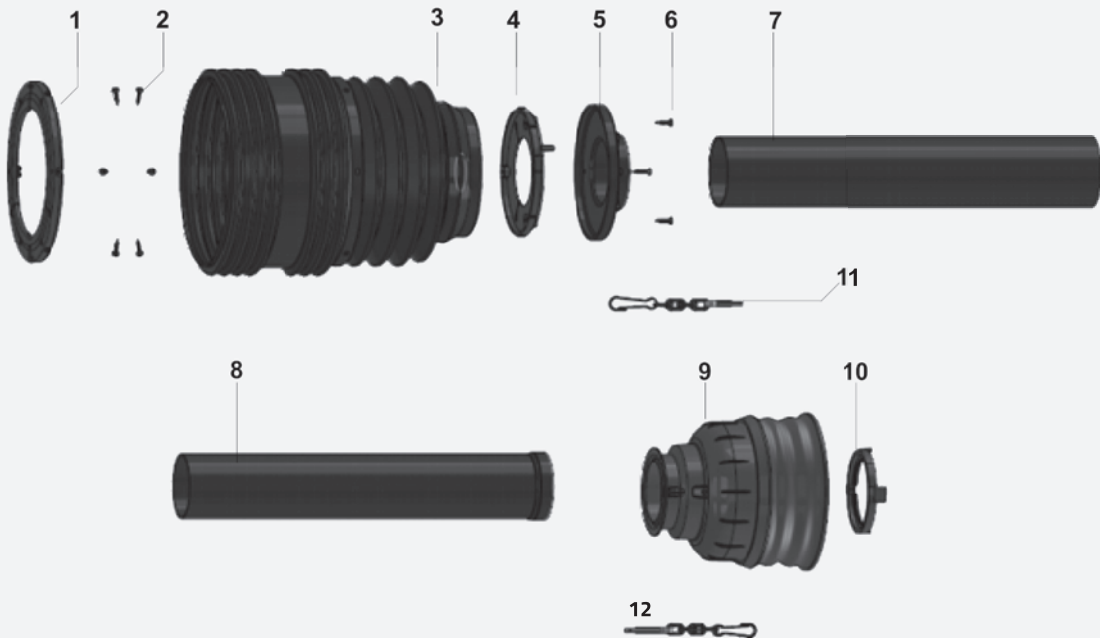
# CARDAN SHAFT COVERS WITH DIVERSE GELENKWELLESCHUTZ IN UNTERSCHIEDLICHEN LÄNGEN

## SERIES 7 / SERIE 7



| LENGHT /LAENGE | 460         | 510         | 560         | 660         | 760         | 860         | 910         | 1010        | 1110        | 1210        |
|----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| CODE           | 143.780.046 | 143.780.051 | 143.780.056 | 143.780.066 | 143.780.076 | 143.780.086 | 143.780.091 | 143.780.101 | 143.780.111 | 143.780.121 |

## SPARE PARTS FOR WIDE ANGLE JOINT PTO PROTECTION ERSATZTEILE FÜR WEITWINKEL GELENKWELLE SCHUTZHÜLLEN

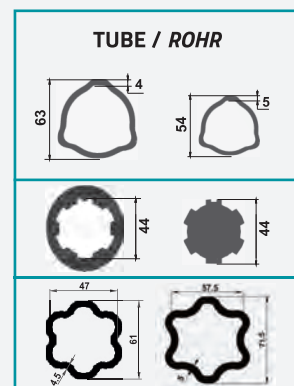
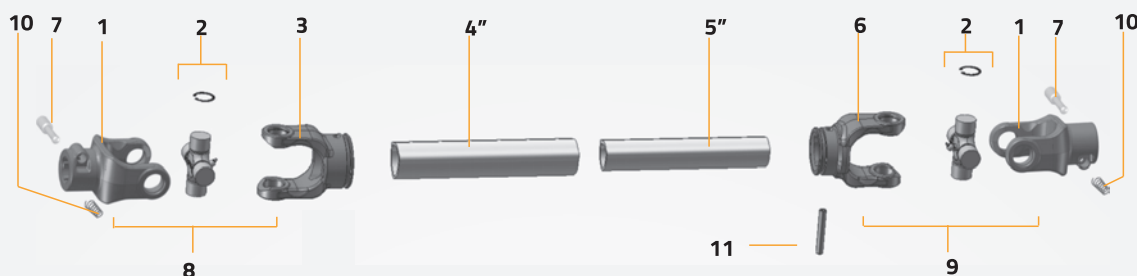


| PART NO | CODE          | DESCRIPTION/BEZEICHNUNG                       | STANDARD NO/STANDARD NR |
|---------|---------------|-----------------------------------------------|-------------------------|
| 1       | 9144.600.202  | SLIDING RING/GLEITRING                        |                         |
| 2       | 9125.XXX.XXX  | SELF TAPPING SCREWS/UNTERLEGSCHraubENSCHRAUBE |                         |
| 6       | 9125.XXX.XXX  | SELF TAPPING SCREWS/UNTERLEGSCHraubENSCHRAUBE |                         |
| 3       | 91.37.600.202 | PLASTIC ACCORDION/KUNSTSOFFAKKORDEON          |                         |
| 4       | 9144.600.201  | SLIDING RING/GLEITRING                        |                         |
| 5       | 9137.600.201  | CONE ASEMBLY/TRICHTER                         |                         |
| 11      | 9147.100.101  | 1SAFETY CHAIN/SICHERHEITSHAL TEKETTE          |                         |
| 12      | 9146.100.100  | 1CHAIN HOOK/KETTENHAKEN                       |                         |
| 7       | 9245.100.103  | INNER PLASTIC TUBE/INNENKUNSTSOFFFROHR        | PE100 Ø75               |
| 8       | 9245.100.104  | OUTER PLASTIC TUBE/AUSSENKUNSTSOFFFROHR       | PE 100 Ø70              |
| 9       | 9138.600.100  | CONE/SCHUTZTÖPFE                              |                         |
| 10      | 9144.600.100  | SLIDING RING/GLEITRING                        | POLYAMID                |

\*PLEASE ADD THE LENGTHS AS CM MEASURE AFTER THE CODE  
\*BITTE FÜGEN SIE DIE LAENGE ALS CM MASS HINTER DEM CODE HINZU

# SPARE PARTS ERSATZTEILE

## SERIES 8 / SERIE 8



| PICTURE NR.<br>BILD NR. | 1           | 2            | 3                          | 4                                         | 5                                         | 6                          | 7           | 8                              | 9                              | 10           | 11           |
|-------------------------|-------------|--------------|----------------------------|-------------------------------------------|-------------------------------------------|----------------------------|-------------|--------------------------------|--------------------------------|--------------|--------------|
| CODE<br>CODE            | 101.800.101 | 9107.800.111 | 104.800.710<br>104.800.806 | 105.800.710<br>105.800.844<br>105.800.809 | 105.800.709<br>153.800.844<br>105.800.808 | 104.800.709<br>104.800.805 | 106.800.113 | 1TKD8.101.710<br>1TKD8.101.806 | 1TKE8.101.709<br>1TKE8.101.805 | 9125.100.107 | 9134.100.100 |

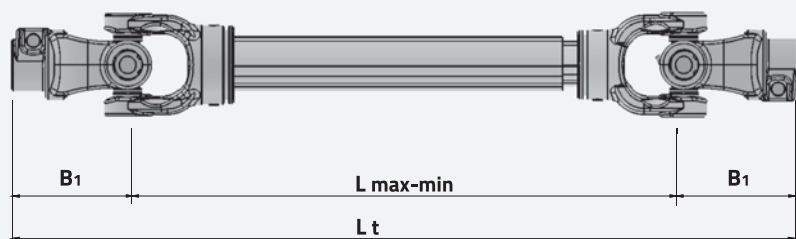
## CONNECTION DEVICES FOR THE TRACTOR AND MACHINE SIDE VERBINDUNG SELEMENTE FÜR DIE TRAKTOR UND MASCHINEN SEITE

| CODE / CODE | K  | DK  | L2 | L1    | D1         | CONNECTION / VERBINDUNG                                                                             | PICTURE / BILD |
|-------------|----|-----|----|-------|------------|-----------------------------------------------------------------------------------------------------|----------------|
| 101.800.101 |    |     | 24 | 135   | 1 3/8" Z6  | PUSH PIN YOKE<br>GABEL MIT<br>SCHIEBESTIFT                                                          |                |
| 101.800.102 |    |     | 24 | 135   | 1 3/8" Z21 |                                                                                                     |                |
| 101.800.104 |    |     | 24 | 135   | 1 3/4" Z6  |                                                                                                     |                |
| 101.700.106 |    |     | 24 | 128   | 32X38X Z8  |                                                                                                     |                |
| 101.700.201 |    |     | 24 | 128   | 1 3/8" Z6  | TAPER PIN YOKE<br>GABEL MIT KONISCHER<br>KLEMMSCHRAUBE                                              |                |
| 101.700.202 |    |     | 24 | 128   | 1 3/8" Z21 |                                                                                                     |                |
| 101.700.204 |    |     | 24 | 128   | 1 1/8" Z6  |                                                                                                     |                |
| 101.700.206 |    |     | 24 | 128   | 32X38X Z8  |                                                                                                     |                |
| 102.700.345 | 12 |     | 24 | 112.5 | 45         | ROUND BORE WITH<br>PIN HOLE<br>STANDARD GABEL MIT<br>PINLOCH                                        |                |
| 102.700.340 | 12 |     | 24 | 112.5 | 40         |                                                                                                     |                |
| 102.450.335 | 12 |     | 24 | 112.5 | 30         |                                                                                                     |                |
| 102.700.330 | 12 |     | 24 | 112.5 | 30         |                                                                                                     |                |
| 102.700.445 | 12 | M10 | 24 | 112.5 | 45         | YOKE WITH KEYWAY A.<br>TAPPED HOLE<br>GABEL MIT NUT UND<br>GEWINDEBOHRUNG                           |                |
| 102.700.440 | 12 | M10 | 24 | 112.5 | 40         |                                                                                                     |                |
| 102.700.435 | 10 | M10 | 24 | 112.5 | 35         |                                                                                                     |                |
| 102.700.430 | 10 |     | 24 | 112.5 | 30         |                                                                                                     |                |
| 101.700.545 | 12 |     | 24 | 128   | 45         | ROUND BORE,<br>INTERFERING<br>RECESSED, CLAM BOLT<br>GABEL MIT NUT,<br>G.BOHRUNG,<br>K. KL.SCHRAUBE |                |
| 101.700.540 | 12 |     | 24 | 128   | 40         |                                                                                                     |                |
| 101.700.535 | 10 |     | 24 | 128   | 35         |                                                                                                     |                |
| 101.700.530 | 10 |     | 24 | 128   | 30         |                                                                                                     |                |
| 102.700.601 |    |     |    | 112.5 | 1 3/8" Z6  | SPLINED YOKE<br>PROFILGABEL                                                                         |                |
| 102.700.602 |    |     |    | 112.5 | 1 3/8" Z21 |                                                                                                     |                |
| 102.700.604 |    |     |    | 112.5 | 1 3/4" Z6  |                                                                                                     |                |

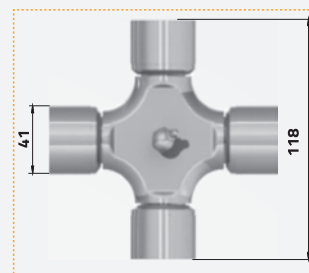


# SAFETY DEVICES / CARDAN SHAFT LENGTHS / SPECIFICATIONS SICHERHEITS KUPPLUNGEN / GELENKWELLELÄNGE / SPEZIFIKATIONEN

## SERIES 8 / SERIE 8



Lengths / Minimum & Maximum Länge

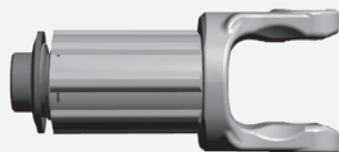


## PERIOD/ZYKLUS

|       | MM  | INC   | MM  | INC   | MM  | INC   | MM  | INC   | MM   | INC   | MM   | INC   | MM   | INC   | MM   | INC   | MM   | INC   | MM   | INC   |
|-------|-----|-------|-----|-------|-----|-------|-----|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|
| L min | 460 | 18"   | 510 | 20"   | 560 | 22"   | 660 | 26"   | 760  | 30"   | 860  | 35"   | 910  | 36"   | 1010 | 40"   | 1110 | 44"   | 1210 | 48"   |
| L max | 620 | 24,8" | 720 | 24,9" | 800 | 31,4" | 960 | 37,7" | 1120 | 44"   | 1300 | 51,2" | 1390 | 54,8" | 1540 | 60,6" | 1710 | 60,6" | 1900 | 74,6" |
| B1    | 135 | 5,3"  | 135 | 5,3"  | 135 | 5,3"  | 135 | 5,3"  | 135  | 5,3"  | 135  | 5,3"  | 135  | 5,3"  | 135  | 5,3"  | 135  | 5,3"  | 135  | 5,3"  |
| Lt    | 730 | 28,7" | 780 | 30,7" | 830 | 32,6" | 930 | 36,6" | 1030 | 40,5" | 1130 | 4"    | 1180 | 46,4" | 1280 | 50,3" | 1380 | 54,3" | 1480 | 57,6" |

| 540              | RPM/RPM | 1<br>MIN/MIN | 1000             | RPM/RPM | 1<br>MIN/MIN |                                             |
|------------------|---------|--------------|------------------|---------|--------------|---------------------------------------------|
| POWER / LEISTUNG |         |              | POWER / LEISTUNG |         |              | MAXIMAL DYNAMIC TORQUE<br>MAXIMALE LEISTUNG |
| VALUES / WERTE   |         |              | VALUES / WERTE   |         |              |                                             |
| KW               |         | 106          | KW               |         | 170          |                                             |
| HP               |         | 145          | HP               |         | 230          |                                             |
| N.m              |         | 1890         | N.m              |         | 1630         | 3800                                        |
| ln.Lb            |         | 16700        | ln.Lb            |         | 14400        | 33650                                       |

## TORQUE LIMITER CLUTCH / STERNRATCHEN KUPPLUNG



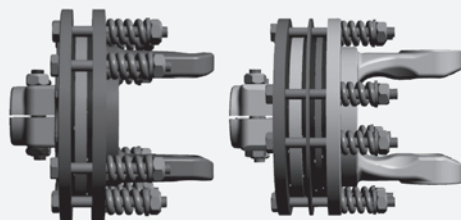
| TYPE/TYP | TORQUE<br>LEISTUNG | APPLICATION DETAILS<br>INSTALLATIONS DETAILS | CODE<br>CODE |
|----------|--------------------|----------------------------------------------|--------------|
| TR4      | 1000               | 1 3/8" Z6                                    | 1TR4.800.942 |
| TR4      | 1000               | 1 3/8" Z21                                   | 1TR4.800.943 |
| TR4      | 1200               | 1 3/8" Z6                                    | 1TR4.800.944 |
| TR4      | 1200               | 1 3/8" Z21                                   | 1TR4.800.945 |
| TR5      | 1500               | 1 3/8" Z6                                    | 1TR5.800.946 |
| TR5      | 1500               | 1 3/8" Z21                                   | 1TR5.800.947 |
| TR6      | 1800               | 1 3/8" Z6                                    | 1TR5.800.948 |
| TR6      | 1800               | 1 3/8" Z21                                   | 1TR5.800.949 |

## OVERRUNING CLUTCH / FREILAUF KUPPLUNG



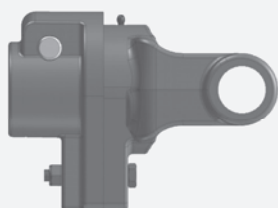
| TYPE/TYP | TORQUE<br>LEISTUNG | APPLICATION DETAILS<br>INSTALLATIONS DETAILS | CODE<br>CODE |
|----------|--------------------|----------------------------------------------|--------------|
| CR3      | -                  | 1 3/8" Z6                                    | 1CR3.800.914 |
| CR3      | -                  | 1 3/8" Z21                                   | 1CR3.800.915 |
| CR3      | -                  | 32X38X8                                      | 1CR3.800.920 |
| CR4      | -                  | 1 3/8" Z6                                    | 1CR4.800.916 |
| CR4      | -                  | 1 3/8" Z21                                   | 1CR4.800.917 |
| CR4      | -                  | 32X38X8                                      | 1CR4.800.921 |

## FRICTION LIMITER CLUTCH / REIBSCHEIBEN KUPPLUNG



| TYPE/TYP | TORQUE<br>LEISTUNG | APPLICATION DETAILS<br>INSTALLATIONS DETAILS | CODE<br>CODE |
|----------|--------------------|----------------------------------------------|--------------|
| BS2      | 1200               | 1 3/8" Z6                                    | 1BS2.800.960 |
| BS2      | 1200               | 1 3/8" Z21                                   | 1BS2.800.961 |
| BS2      | 1200               | 1 3/4" Z6                                    | 1BS2.800.962 |
| BS4      | 1700               | 1 3/8" Z6                                    | 1BS4.800.963 |
| BS4      | 1700               | 1 3/8" Z21                                   | 1BS4.800.964 |
| BS4      | 1700               | 1 3/4" Z6                                    | 1BS4.800.965 |
| BS4      | 1700               | 1 3/4" Z20                                   | 1BS4.800.966 |

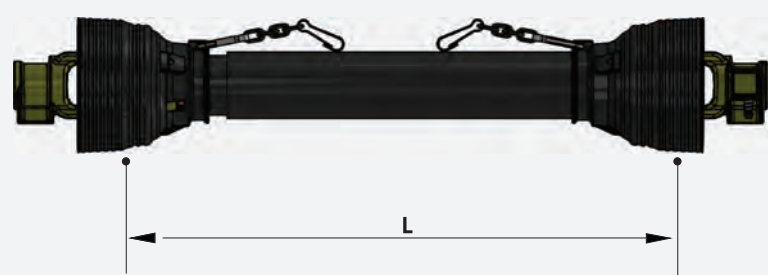
## SHEAR BOLT LIMITER CLUTCH / SCHERBOLZEN KUPPLUNG



| TYPE/TYP | TORQUE<br>LEISTUNG | APPLICATION DETAILS<br>INSTALLATIONS DETAILS | CODE<br>CODE |
|----------|--------------------|----------------------------------------------|--------------|
| PK8      | 4500               | 1 3/8" Z6                                    | 1PK8.800.971 |
| PK8      | 4500               | 1 3/8" Z21                                   | 1PK8.800.972 |
| PK8      | 4500               | 1 3/4" Z6                                    | 1PK8.800.974 |
| PK8      | 4500               | 1 3/4" Z20                                   | 1PK8.800.975 |

# PTO PLASTIC PROTECTION

## PLASTIKSCHUTZHÜLLE FÜR GELENKWELLE



| SERIES<br>SERIE | CROSS SIZES<br>KREUTZGELENK | LENGTH / LAENGE |             |             |             |             |             |             |             |
|-----------------|-----------------------------|-----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
|                 |                             | 460             | 510         | 560         | 660         | 760         | 860         | 910         | 1210        |
| 1               | 22X54                       | 143.100.049     | 143.100.051 | 143.100.056 | 143.100.066 | 143.100.076 | 143.100.086 | 143.100.091 | 143.100.121 |
| 2               | 22X62                       | 143.200.049     | 143.200.051 | 143.200.056 | 143.200.066 | 143.200.076 | 143.200.086 | 143.200.091 | 143.200.121 |
| 3               | 27X75                       | 143.300.049     | 143.300.051 | 143.300.056 | 143.300.066 | 143.300.076 | 143.300.086 | 143.300.091 | 143.300.121 |
| 4               | 27X82                       | 143.400.049     | 143.400.051 | 143.400.056 | 143.400.066 | 143.400.076 | 143.400.086 | 143.400.091 | 143.400.121 |
| 45              | 30X80                       | 143.450.049     | 143.450.051 | 143.450.056 | 143.450.066 | 143.450.076 | 143.450.086 | 143.450.091 | 143.450.121 |
| 5               | 30X92                       | 143.500.049     | 143.500.051 | 143.500.056 | 143.500.066 | 143.500.076 | 143.500.086 | 143.500.091 | 143.500.121 |
| 6               | 30X106                      | 143.600.049     | 143.600.051 | 143.600.056 | 143.600.066 | 143.600.076 | 143.600.086 | 143.600.091 | 143.600.121 |
| 7               | 35X106                      | 143.700.049     | 143.700.051 | 143.700.056 | 143.700.066 | 143.700.076 | 143.700.086 | 143.700.091 | 143.700.121 |
| 8               | 41X118                      | 143.800.049     | 143.800.051 | 143.800.056 | 143.800.066 | 143.800.076 | 143.800.086 | 143.800.091 | 143.800.121 |

# PROTECTION SPARE PARTS

## SCHUTZHÜLLENERSATZTEILE

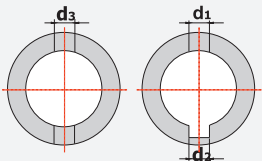
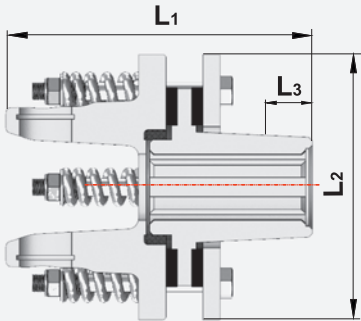
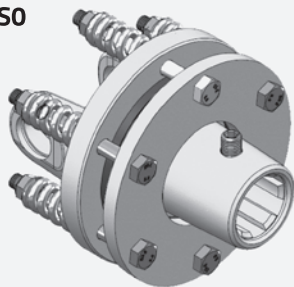


| SERIES<br>SERIE | CROSS SIZES<br>KREUTZGELENK | CODE<br>KOD   | PICTURE<br>BILD | DESCRIPTION/BEZEICHNUNG |                       | STANDARD NR.<br>STANDARD NR. |
|-----------------|-----------------------------|---------------|-----------------|-------------------------|-----------------------|------------------------------|
| 1               | 22X54                       | 9144.100.100  | 1               | SLIDING RING            | GLEITRING             | POLYAMID                     |
| 4               | 27X82                       | 9144.400.100  | 1               | SLIDING RING            | GLEITRING             | POLYAMID                     |
| 6               | 30X106                      | 9144.600.100  | 1               | SLIDING RING            | GLEITRING             | POLYAMID                     |
| 1               | 22X54                       | 9138.100.100* | 2               | CONE                    | SCHUTZTOPFE           |                              |
| 4               | 27X82                       | 9138.400.100* | 2               | CONE                    | SCHUTZTOPFE           |                              |
| 6               | 30X106                      | 9138.600.100  | 2               | CONE                    | SCHUTZTOPFE           |                              |
| 1               | 22X54                       | 9125.100.108  | 3               | CHAIN RING              | KETTENRING            | TS 2500 SM                   |
| 1               | 22X54                       | 9145.100.101  | 4*              | OUTER PLASTIC TUBE      | AUSSENKUNSTSTOFFROHR  | PE 100 Ø63                   |
| 1               | 22X54                       | 9145.100.102  | 4*              | OUTER PLASTIC TUBE      | AUSSENKUNSTSTOFFROHR  | PE 100 Ø70                   |
| 1               | 22X54                       | 9145.100.103  | 5*              | INNER PLASTIC TUBE      | INNENKUNSTSTOFFROHR   | PE 100 Ø75                   |
| 1               | 22X54                       | 9145.100.104  | 5*              | INNER PLASTIC TUBE      | INNENKUNSTSTOFFROHR   | PE 100 Ø81                   |
| 1               | 22X54                       | 9146.100.100  | 6               | CHAIN HOOK              | KETTENHAKEN           |                              |
| 1               | 22X54                       | 9147.100.100  | 7               | SAFETY CHAIN            | SICHERHEITSHALTEKETTE |                              |

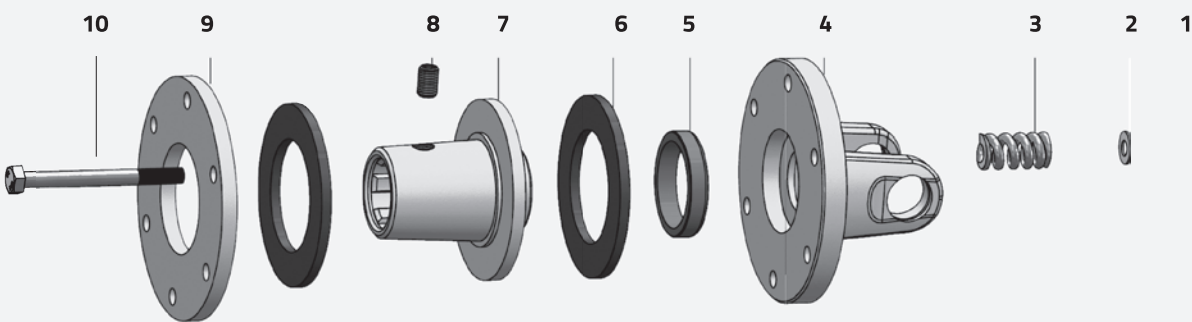
# FRICION LIMITER CLUTCH WITH 2 FRICTION LINING

## REIBSCHEIBENKUPPLUNG MIT 2 REIBSCHEIBEN

BSO



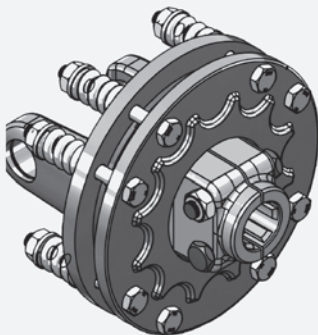
| SERIES<br>SERIE | TORQUE | CODE<br>CODE | SPECIFICATIONS/ SPEZIFIKATIONEN | L1  | L2  | L3 |
|-----------------|--------|--------------|---------------------------------|-----|-----|----|
| 1               | 300    | 1BSO.100.950 | 1 3/8" Z6                       | 132 | 122 | 20 |
| 1               | 300    | 1BSO.100.951 | 1 3/8" Z21                      | 132 | 122 | 20 |
| 1               | 300    | 1BSO.100.952 | Ø30 d1=m10 / d2=m8              | 132 | 122 | 20 |
| 1               | 300    | 1BSO.100.953 | Ø25 d1=m10 / d2=m8              | 132 | 122 | 20 |
| 1               | 300    | 1BSO.100.954 | Ø30 d3=m10                      | 132 | 122 | 20 |
| 1               | 300    | 1BSO.100.955 | Ø25 d3=m10                      | 132 | 122 | 20 |
| 2               | 300    | 1BSO.200.950 | 1 3/8" Z6                       | 145 | 122 | 20 |
| 2               | 300    | 1BSO.200.951 | 1 3/8" Z21                      | 145 | 122 | 20 |
| 2               | 300    | 1BSO.200.952 | Ø30 d1=m10 / d2=m8              | 145 | 122 | 20 |
| 2               | 300    | 1BSO.200.953 | Ø25 d1=m10 / d2=m8              | 145 | 122 | 20 |
| 2               | 300    | 1BSO.200.954 | Ø30 d3=m10                      | 145 | 122 | 20 |
| 2               | 300    | 1BSO.200.955 | Ø25 d3=m10                      | 145 | 122 | 20 |



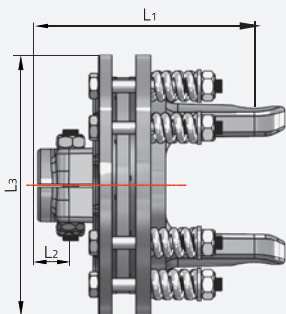
| SERIES<br>SERIE | PICTURE NR<br>BILD NR | CODE<br>CODE  | DESCRIPTION/BEZEICHNUNG |                           | QUANTITY<br>ANZAHL | STANDARD<br>STANDARD  |
|-----------------|-----------------------|---------------|-------------------------|---------------------------|--------------------|-----------------------|
|                 | 1                     | 9129.BSO.101  | HEXAGON NUT             | SCHRAUBENMUTTER           | 5                  | DIN 985 - M8X1,5      |
|                 | 2                     | 9130.BSO.100  | WASHER                  | UNTERLAGSSCHEIBE          | 5                  | DIN 125 - M8          |
|                 | 3                     | 9.125.200.105 | COMPRESSION SPRING      | DRUCKFEDER                | 5                  | TS 2500 SH            |
| 1               | 4                     | 102.100.956   | YOKE WITH SERIES 1      | GABEL MIT SERIE 3         | 1                  | SAE 1040 - GS 52      |
| 2               | 4                     | 102.200.956   | YOKE WITH SERIES 2      | GABEL MIT SERIE 4         | 1                  | SAE 1040 - GS 52      |
|                 | 5                     | 9133.BSO.101  | BUSHING                 | GLEITRING                 | 1                  | -----                 |
|                 | 6                     | 9124.BSO.101  | FRICTION LINING         | REIBSCHEIBE               | 2                  | 90X56X5 MM            |
|                 | 7                     | 10.BSO.101    | HUB WITH BOLT HOLE      | NABE MIT SCHRAUBENLÖCHERN | 1                  | 1 3/8"Z6              |
|                 | 7                     | 10.BSO.102    | HUB WITH BOLT HOLE      | NABE MIT SCHRAUBENLÖCHERN | 1                  | 1 3/8" Z21            |
|                 | 7                     | 10.BSO.103    | HUB WITH BOLT HOLE      | NABE MIT SCHRAUBENLÖCHERN | 1                  | Q30 D1=M10 / D2=M8    |
|                 | 7                     | 10.BSO.104    | HUB WITH BOLT HOLE      | NABE MIT SCHRAUBENLÖCHERN | 1                  | Q25 D1=M10 / D2=M8    |
|                 | 7                     | 10.BSO.105    | HUB WITH BOLT HOLE      | NABE MIT SCHRAUBENLÖCHERN | 1                  | Q30 D3=M10            |
|                 | 7                     | 10.BSO.106    | HUB WITH BOLT HOLE      | NABE MIT SCHRAUBENLÖCHERN | 1                  | 125 D3=M10            |
|                 | 8                     | 9128.BSO.104  | HEXAGON BOLT            | SCHRAUBE                  | 1.                 | DIN 933 - M8 X 70-8.8 |
|                 | 9                     | 9123.BSO.104  | INNER FLANGE            | INNEN FLANSCH             | 1                  | St 37                 |
|                 | 10                    | 9128.BSO.102  | HEXAGON BOLT            | SCHRAUBE                  | 5.                 | DIN 933 - M8X10-8.8   |

# FRICITION LIMITER CLUTCHES WITH 2 FRICTION LINING

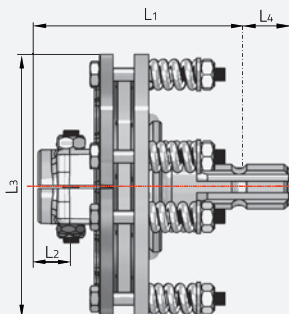
## REIBSCHEIBEN KUPPLUNGEN MIT 2 REIBSCHEIBEN



BS 2



BSM2



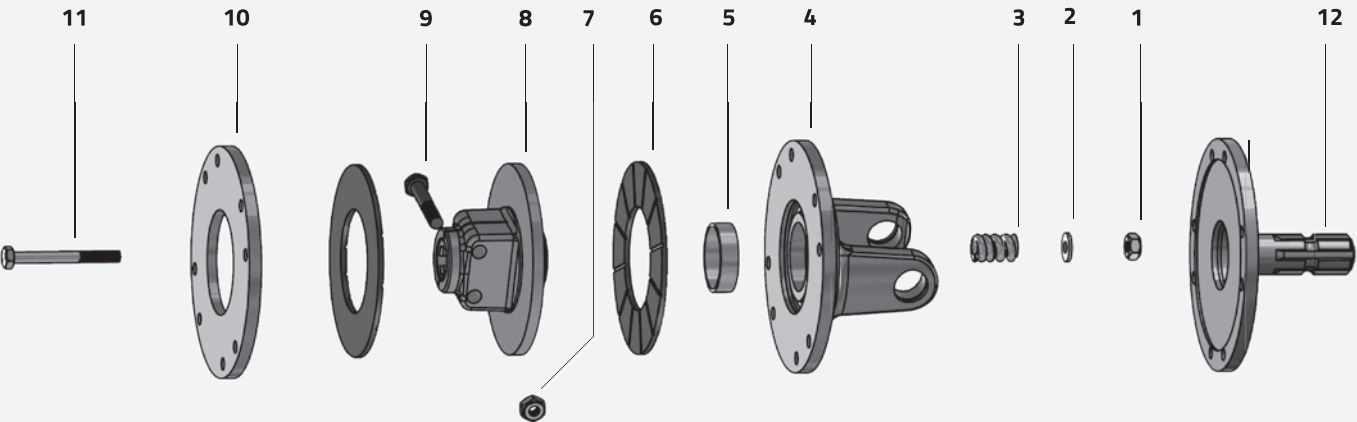
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IST MIT EINEM EINGESTELLTEN WERT BEGRENZT, DER STANDIG AN DAS DREHMOMENT ÜBERMITTELT WIRD. IM LAENGEREN RUHEZUSTAND SOLLTE DIE KUPPLUNG VOR FEUCHTIGKEIT UND SCHMUTZ GESCHÜTZT WERDEN. VOR DEM ERSTEINSATZ ODER LAENGERER STILLSTANDZEIT SOLLTE ARBEITSWEISE DER REIBSCHEIBENKUPPLUNG ÜBERPRÜFT WERDEN. KUPPLUNG WIRD MASCHINENSEITIG MONTIERT.

| CODE<br>CODE | CROSS KIT<br>KREUTZGELENK | TORQUE<br>DREHKRAFT | SPLINE MACHINE<br>SIDE (M.S.)<br>PROFILE DER MASCHINEN<br>SEITE (M.S.) | L1<br>mm | L2<br>mm | L3<br>mm | L4<br>mm |
|--------------|---------------------------|---------------------|------------------------------------------------------------------------|----------|----------|----------|----------|
| 1BS2.300.956 | 3                         | 750                 | 1 3/8"Z6                                                               | 142      | 30       | 150      | -        |
| 1BS2.300.957 | 3                         | 750                 | 1 3/8"Z21                                                              | 142      | 30       | 150      | -        |
| 1BS2.300.958 | 3                         | 900                 | 1 3/8"Z6                                                               | 142      | 30       | 150      | -        |
| 1BS2.300.959 | 3                         | 900                 | 1 3/8"Z21                                                              | 142      | 30       | 150      | -        |
| 1BS2.400.956 | 4                         | 750                 | 1 3/8"Z6                                                               | 142      | 30       | 150      | -        |
| 1BS2.400.957 | 4                         | 750                 | 1 3/8"Z21                                                              | 142      | 30       | 150      | -        |
| 1BS2.400.958 | 4                         | 900                 | 1 3/8"Z6                                                               | 142      | 30       | 150      | -        |
| 1BS2.400.959 | 4                         | 900                 | 1 3/8"Z21                                                              | 142      | 30       | 150      | -        |
| 1BS2.450.960 | 45                        | 1200                | 1 3/8"Z6                                                               | 142      | 30       | 183      | -        |
| 1BS2.450.961 | 45                        | 1200                | 1 3/8"Z21                                                              | 142      | 30       | 183      | -        |
| 1BS2.500.960 | 5                         | 1200                | 1 3/8"Z6                                                               | 151      | 25       | 183      | -        |
| 1BS2.500.961 | 5                         | 1200                | 1 3/8"Z21                                                              | 151      | 25       | 183      | -        |
| 1BS2.500.962 | 5                         | 1200                | 1 3/4"Z6                                                               | 151      | 25       | 183      | -        |
| 1BS2.600.960 | 6                         | 1200                | 1 3/8"Z6                                                               | 164      | 25       | 199      | -        |
| 1BS2.600.961 | 6                         | 1200                | 1 3/8"Z21                                                              | 164      | 25       | 199      | -        |
| 1BS2.600.962 | 6                         | 1200                | 1 3/4"Z6                                                               | 164      | 25       | 199      | -        |
| 1BS2.700.960 | 7                         | 1200                | 1 3/8"Z6                                                               | 162      | 25       | 199      | -        |
| 1BS2.700.961 | 7                         | 1200                | 1 3/8"Z21                                                              | 162      | 25       | 199      | -        |
| 1BS2.700.962 | 7                         | 1200                | 1 3/4"Z6                                                               | 162      | 25       | 199      | -        |
| 1BS2.800.960 | 8                         | 1200                | 1 3/8"Z6                                                               | 162      | 25       | 199      | -        |
| 1BS2.800.961 | 8                         | 1200                | 1 3/8"Z21                                                              | 162      | 25       | 199      | -        |
| 1BS2.800.962 | 8                         | 1200                | 1 3/4"Z6                                                               | 162      | 25       | 199      | -        |
| 1BSM.238 138 |                           | 1200                | 1 3/8"Z6-1 3/8"Z6                                                      | 157      | 25       | 199      | 38       |

# SPARE PARTLIST FOR THE FRICTION LIMITER CLUTCHES WITH 2 FRICTION LINING

## ERSATZTEILLISTE FÜR REIBSCHEIBENKUPPLUNGEN MIT 2 REIBSCHEIBEN

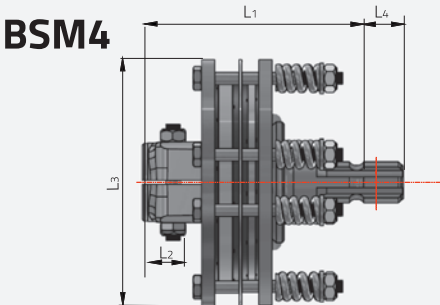
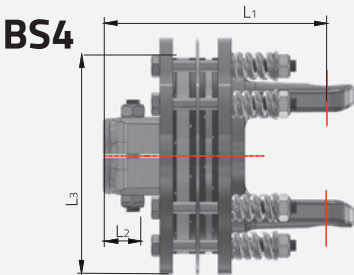
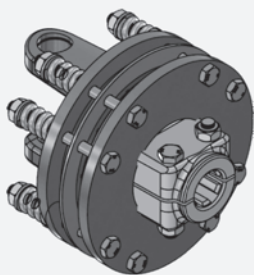


| SERIES<br>SERIE | PICTURE NR<br>BILD NR | CODE<br>CODE | DESCRIPTION/BEZEICHNUNG |                           | QUANTITY<br>ANZAHL | STANDARD<br>STANDARD |
|-----------------|-----------------------|--------------|-------------------------|---------------------------|--------------------|----------------------|
|                 | 1                     | 9129.BS2.102 | HEXAGON NUT             | SCHRAUBENMUTTER           | 5                  | DIN 985 - M10X1,5    |
|                 | 2                     | 9129.BS2.101 | WASHER                  | UNTERLAGSSCHEIBE          | 5                  | DIN 125 - M10        |
| 3               | 3                     | 9125.BS2.106 | COMPRESSION SPRING      | DRUCKFEDER                | 5                  | TS 2500 SH           |
| 4               | 4                     | 103.300.101  | YOKE WITH SERIES 3      | GABEL MIT SERIE 3         | 1                  | SAE 1040 - GS 52     |
| 45              | 4                     | 103.400.101  | YOKE WITH SERIES 4      | GABEL MIT SERIE 4         | 1                  | SAE 1040 - GS 52     |
| 5               | 4                     | 103.450.101  | YOKE WITH SERIES 45     | GABEL MIT SERIE 45        | 1                  | SAE 1040 - GS 52     |
| 6               | 4                     | 103.500.101  | YOKE WITH SERIES 5      | GABEL MIT SERIE 5         | 1                  | SAE 1040 - GS 52     |
| 7               | 4                     | 103.600.101  | YOKE WITH SERIES 6      | GABEL MIT SERIE 6         | 1                  | SAE 1040 - GS 52     |
| 8               | 4                     | 103.700.101  | YOKE WITH SERIES 7      | GABEL MIT SERIE 7         | 1                  | SAE 1040 - GS 52     |
|                 | 4                     | 103.800.101  | YOKE WITH SERIES 8      | GABEL MIT SERIE 8         | 1                  | SAE 1040 - GS 52     |
|                 | 5                     | 9133.BS2.101 | BUSHING                 | GLEITRING                 | 1                  | ----                 |
|                 | 6                     | 9124.BS2.102 | FRICTION LINING         | REIBSCHEIBE               | 2                  | 165x89x4,8           |
| 3               | 7                     | 9129.BS2.103 | HEXAGON NUT             | SCHRAUBENMUTTER           | 2                  | DIN 985 - M12x1,5    |
| 4               | 8                     | 10.BS2.301   | HUB WITH BOLT HOLE      | NABE MIT SCHRAUBENLÖCHERN | 1                  | 1 3/8" Z6--GGG 40    |
| 45              | 8                     | 10.BS2.401   | HUB WITH BOLT HOLE      | NABE MIT SCHRAUBENLÖCHERN | 1                  | 1 3/8" Z6---GGG 40   |
| 5               | 8                     | 10.BS2.451   | HUB WITH BOLT HOLE      | NABE MIT SCHRAUBENLÖCHERN | 1                  | 1 3/8" Z6---GGG 40   |
| 6               | 8                     | 10.BS2.501   | HUB WITH BOLT HOLE      | NABE MIT SCHRAUBENLÖCHERN | 1                  | 1 3/8" Z6---GGG 40   |
| 7               | 8                     | 10.BS2.601   | HUB WITH BOLT HOLE      | NABE MIT SCHRAUBENLÖCHERN | 1                  | 1 3/8" Z6---GGG 40   |
| 8               | 8                     | 10.BS2.602   | HUB WITH BOLT HOLE      | NABE MIT SCHRAUBENLÖCHERN | 1                  | 1 3/8" Z21---GGG 40  |
|                 | 8                     | 10.BS2.604   | HUB WITH BOLT HOLE      | NABE MIT SCHRAUBENLÖCHERN | 1                  | 1 3/4" Z20---GGG 40  |
|                 | 9                     | 9128.BS2.109 | HEXAGON BOLT            | SCHRAUBE                  | 2                  | DIN 960 - M12x70x1,5 |
|                 | 10                    | 9123.BS2.205 | INNER FLANGE            | INNEN FLANSCH             | 1                  | 200x900x14           |
| 3-4             | 11                    | 9128.BS2.106 | HEXAGON BOLT            | SCHRAUBE                  | 6-8                | DIN931 - M10x90x1,5  |
| 45-5            | 12                    | 9135.BS2.101 | FLANGE WITH SPLINE      | GABEL MIT PROFILE         | 1                  | ----                 |
| 6-7-8           | 12                    | 9135.BS2.102 | FLANGE WITH SPLINE      | GABE MIT PROFILE          | 1                  | ----                 |
|                 | 12                    | 9135.BS2.103 | FLANGE WITH SPLINE      | GABEL MIT PROFILE         | 1                  | ----                 |



# FRICITION LIMITER CLUTCHES WITH 4 FRICTION LINING

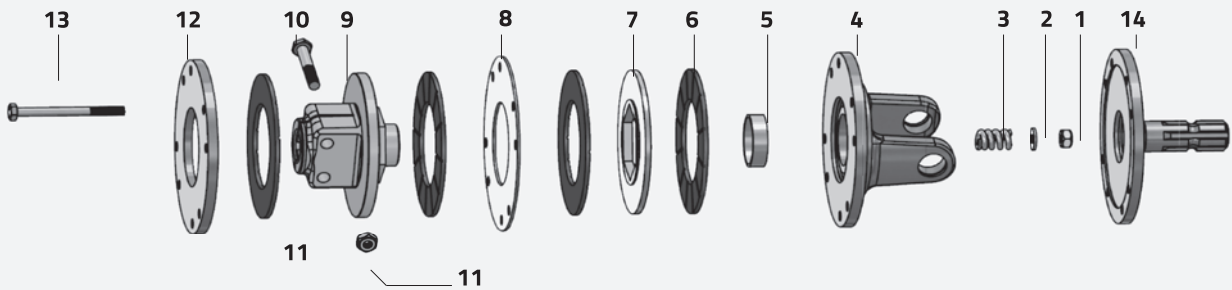
## REIBSCHEIBEN KUPPLUNGEN MIT 4 REIBSCHEIBEN



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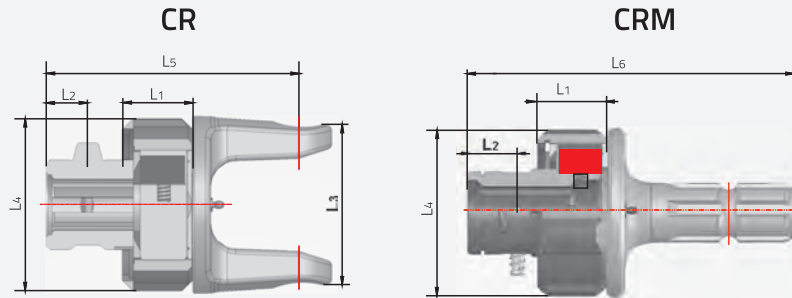
| SERIES<br>SERIE | TORQUE | CODE<br>CODE  | SPLINE/PROFIEL | L1  | L2 | L3  |
|-----------------|--------|---------------|----------------|-----|----|-----|
| 6               | 1700   | 1BS4.600. 963 | 1 3/8" Z6      | 188 | 25 | 199 |
| 6               | 1700   | 1BS4.600. 964 | 1 3/8" Z21     | 188 | 25 | 199 |
| 6               | 1700   | 1BS4.600. 965 | 1 3/4"Z6       | 188 | 25 | 199 |
| 7               | 1700   | 1BS4.700. 963 | 1 3/8" Z6      | 182 | 25 | 199 |
| 7               | 1700   | 1BS4.700. 964 | 1 3/8" Z21     | 182 | 25 | 199 |
| 7               | 1700   | 1BS4.700. 965 | 1 3/4"Z6       | 182 | 25 | 199 |
| 8               | 1700   | 1BS4.800. 963 | 1 3/8" Z6      | 182 | 25 | 199 |
| 8               | 1700   | 1BS4.800. 964 | 1 3/8" Z21     | 182 | 25 | 199 |
| 8               | 1700   | 1BS4.800. 965 | 1 3/4"Z6       | 182 | 25 | 199 |
|                 | 1700   | 1BS4.438. 138 | 1 3/8" Z6      | 181 | 25 | 199 |



| SERIES<br>SERIE | PICTURE NR<br>BILD NR | CODE<br>CODE  | DESCRIPTION<br>BEZEICHNUNG |                       | QUANTITY<br>ANZAHL | STANDARD<br>STANDARD  |
|-----------------|-----------------------|---------------|----------------------------|-----------------------|--------------------|-----------------------|
|                 | 1                     | 9124.BS2. 102 | HEXAGON NUT                | SECHSKANTMUTTER       | 8                  | DIN 985 - M10X1,5     |
|                 | 2                     | 9130.BS2. 101 | HEXAGON NUT WASHER         | MUTTERSCHIEBE         | 8                  | DIN 125- M10          |
|                 | 3                     | 9125.BS2. 106 | SPRING KIT                 | DRUCKFEDER            | 8                  | TS 2500 SJ            |
| 3               | 4                     | 103.300. 101  | FLANGE YOKE                | FLANSCHGABEL          | 1                  | GGG 40                |
| 4               | 4                     | 103.400. 101  | FLANGE YOKE                | FLANSCHGABEL          | 1                  | GGG 40                |
| 45              | 4                     | 103.450. 101  | FLANGE YOKE                | FLANSCHGABEL          | 1                  | GGG 40                |
| 5               | 4                     | 103.500. 101  | FLANGE YOKE                | FLANSCHGABEL          | 1                  | GGG 40                |
| 6               | 4                     | 103.600. 101  | FLANGE YOKE                | FLANSCHGABEL          | 1                  | GGG 40                |
| 7               | 4                     | 103.700. 101  | FLANGE YOKE                | FLANSCHGABEL          | 1                  | GGG 40                |
| 8               | 4                     | 103.800. 101  | FLANGE YOKE                | FLANSCHGABEL          | 1                  | GGG 40                |
|                 | 5                     | 131.BS2. 101  | BUSHING                    | GLEITRING             | 1                  |                       |
|                 | 6                     | 9124.BS2. 102 | FRICTION LINING            | REIBSCHEIBE           | 4                  | 165X89X4,8            |
|                 | 7                     | 9123.BS4. 406 | HEXAGONAL FLANGE           | SECHSKANTFLANSCH      | 1                  |                       |
|                 | 8                     | 9123.BS4. 407 | INNER PLATE                | ZWISCHENSCHIEBE       | 1                  | THICKNESS/DICKE 3 MM  |
| 6,7,8           | 9                     | 110.BS4. 601  | HUB WITH PUSH PIN          | NABE MIT SCHIEBESTIFT | 1                  | 1 3/8"Z6 GGG 40       |
| 6,7,8           | 9                     | 110.BS4. 602  | HUB WITH PUSH PIN          | NABE MIT SCHIEBESTIFT | 1                  | 1 3/8"Z21 GGG 40      |
| 6,7,8           | 9                     | 110.BS4. 604  | HUB WITH PUSH PIN          | NABE MIT SCHIEBESTIFT | 1                  | 1 3/4"Z6 GGG 40       |
|                 | 10                    | 9128.BS2. 109 | HEXAGON BOLT               | SCHRAUBE              | 2                  | DIN 960 - M12X70X1,5  |
|                 | 11                    | 9129.BS2. 103 | HEXAGON NUT                | SECHSKANTMUTTER       | 2                  | DIN 985 M12X1,5       |
|                 | 12                    | 9123.BS2. 205 | FRICTION FLANGE            | FLANSCHDRUCKSCHEIBE   | 1                  | 200X900X14            |
|                 | 13                    | 9128.BS4. 110 | HEXAGON BOLT               | SCHRAUBE              | 8                  | DIN 931 - M10X110X1,5 |
| 3, 4            | 14                    | 135.BS2. 101  | FLANGE WITH PROFILE        | FLANSCH MIT PROFIEL   | 1                  |                       |
| 3, 4            | 14                    | 135.BS2. 102  | FLANGE WITH PROFILE        | FLANSCH MIT PROFIEL   | 1                  |                       |
| 3, 4            | 14                    | 135.BS2. 103  | FLANGE WITH PROFILE        | FLANSCH MIT PROFIEL   | 1                  |                       |

# OVERRUNNING CLUTCH

## FREILAUF KUPPLUNG



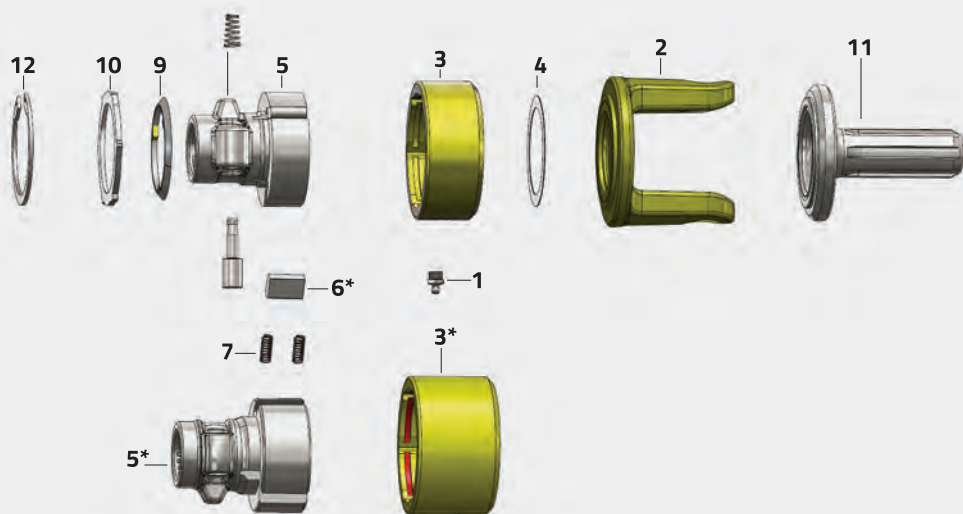
IT PROTECTS THE SHAFT AGAINST THE REVERSE FORCE ARISING FROM HIGHT INTERTIA OF ROTATING PARTS. IT SHOULD BE LUBRICATED AT THE END OF EACH 8 HOUR USE. IT SHOULD BE INSTALLED ON THE MACHINE SIDE.

SCHÜTZT DIE GELEKWELLE VOR NACHLAUFENDEN MASSES. SOLLTE NACH JEWEILS 8 BETRIEBSSTUNDEN GEWARTET WERDEN WIRD MASCHINENSEITIG MONTIERT.

| LINE  | TORQUE    | CROSS KIT    | CODE             | SPLINE TRACTOR<br>SIDE (T.S.)          | SPLINE MACHINE<br>SIDE (M.S.)           | L1<br>mm | L2<br>mm | L3<br>mm | L4<br>mm | L5<br>mm | L6<br>mm |
|-------|-----------|--------------|------------------|----------------------------------------|-----------------------------------------|----------|----------|----------|----------|----------|----------|
| REIHE | DREHKRAFT | KREUTZGELENK | CODE             | PROFILE DER<br>TRAKTOR SEITE<br>(T.S.) | PROFILE DER<br>MACHINEN SEITE<br>(M.S.) |          |          |          |          |          |          |
| CR 1  | 1600      | 1 R          | 1CR1.100. 910    | 1 3/8"Z6                               | 1 3/8"Z6                                | 41       | 30       | 64       | 100      | 138      | -        |
| CR 1  | 1600      | 1 R          | 1CR1.100. 911    | 1 3/8"Z21                              | 1 3/8"Z21                               | 41       | 30       | 64       | 100      | 138      | -        |
| CR 1  | 1600      | 2 R          | 1CR1.200. 910    | 1 3/8"Z6                               | 1 3/8"Z6                                | 41       | 30       | 72       | 100      | 138      | -        |
| CR 1  | 1600      | 2 R          | 1CR1.200. 911    | 1 3/8"Z21                              | 1 3/8"Z21                               | 41       | 30       | 72       | 100      | 138      | -        |
| CR 1  | 1600      | 3 R          | 1CR1.300. 910    | 1 3/8"Z6                               | 1 3/8"Z6                                | 41       | 30       | 86       | 100      | 150      |          |
| CR 1  | 1600      | 3 R          | 1CR1.300. 911    | 1 3/8"Z21                              | 1 3/8"Z21                               | 41       | 30       | 86       | 100      | 150      |          |
| CR 1  | 1600      | 4 R          | 1CR1.400. 910    | 1 3/8"Z6                               | 1 3/8"Z6                                | 41       | 30       | 92       | 100      | 150      |          |
| CR 1  | 1600      | 4 R          | 1CR1.400. 911    | 1 3/8"Z21                              | 1 3/8"Z21                               | 41       | 30       | 92       | 100      | 150      |          |
| CR 1  | 1600      | 45 R         | 1CR1.450. 910    | 1 3/8"Z6                               | 1 3/8"Z6                                | 41       | 30       | 92       | 100      | 150      |          |
| CR 1  | 1600      | 45 R         | 1CR1.450. 911    | 1 3/8"Z21                              | 1 3/8"Z21                               | 41       | 30       | 92       | 100      | 150      |          |
| CR 1  | 1600      | 5 R          | 1CR1.500. 910    | 1 3/8"Z6                               | 1 3/8"Z6                                | 41       | 30       | 102      | 100      | 173      |          |
| CR 1  | 1600      | 5 R          | 1CR1.500. 911    | 1 3/8"Z21                              | 1 3/8"Z21                               | 41       | 30       | 102      | 100      | 173      |          |
| CRM 1 | 1600      |              | R 1CRM1.138. 138 | 1 3/8"Z6                               | 1 3/8"Z6                                | 41       | 30       | -        | -        | -        | 195      |
| CR 2  | 1600      | 1 L          | 1CR2.100. 912    | 1 3/8"Z21                              | 1 3/8"Z21                               | 41       | 30       | 64       | 100      | 138      |          |
| CR 2  | 1600      | 1 L          | 1CR2.100. 913    | 1 3/8"Z6                               | 1 3/8"Z6                                | 41       | 30       | 94       | 100      | 138      |          |
| CR 2  | 1600      | 2 L          | 1CR2.200. 912    | 1 3/8"Z21                              | 1 3/8"Z21                               | 41       | 30       | 72       | 100      | 138      |          |
| CR 2  | 1600      | 2 L          | 1CR2.200. 913    | 1 3/8"Z6                               | 1 3/8"Z6                                | 41       | 30       | 72       | 100      | 138      |          |
| CR 2  | 1600      | 3 L          | 1TRM.238. 912    | 1 3/8"Z21                              | 1 3/8"Z21                               | 41       | 30       | 86       | 100      | 150      |          |
| CR 2  | 1600      | 3 L          | 1CR2.300. 913    | 1 3/8"Z6                               | 1 3/8"Z6                                | 41       | 30       | 86       | 100      | 150      |          |
| CR 2  | 1600      | 4 L          | 1CR2.400. 912    | 1 3/8"Z21                              | 1 3/8"Z21                               | 41       | 30       | 92       | 100      | 150      |          |
| CR 2  | 1600      | 4 L          | 1CR2.400. 913    | 1 3/8"Z6                               | 1 3/8"Z6                                | 41       | 30       | 92       | 100      | 150      |          |
| CR 2  | 1600      | 45 L         | 1CR2.450. 912    | 1 3/8"Z21                              | 1 3/8"Z21                               | 41       | 30       | 92       | 100      | 150      |          |
| CR 2  | 1600      | 45 L         | 1CR2.450. 913    | 1 3/8"Z6                               | 1 3/8"Z6                                | 41       | 30       | 92       | 100      | 150      |          |
| CR 2  | 1600      | 5 L          | 1CR2.500. 912    | 1 3/8"Z21                              | 1 3/8"Z21                               | 41       | 30       | 102      | 100      | 173      |          |
| CR 2  | 1600      | 5 L          | 1CR2.500. 913    | 1 3/8"Z6                               | 1 3/8"Z6                                | 41       | 30       | 102      | 100      | 173      |          |
| CRM 2 | 2400      |              | L 1CRM2.238. 138 | 1 3/8"Z21                              | 1 3/8"Z21                               | 41       | 30       | -        | -        | -        | 195      |
| CR 3  | 2400      | 6 R          | 1CR3.600. 914    | 1 3/8"Z6                               | 1 3/8"Z6                                | 41       | 30       | 118      | 100      | 185      |          |
| CR 3  | 2400      | 6 R          | 1CR3.600. 915    | 1 3/8"Z21                              | 1 3/8"Z21                               | 41       | 30       | 118      | 100      | 185      |          |
| CR 3  | 2400      | 7 R          | 1TRM.338. 914    | 1 3/8"Z6                               | 1 3/8"Z6                                | 41       | 30       | 118      | 100      | 185      |          |
| CR 3  | 2400      | 7 R          | 1CR3.700. 915    | 1 3/8"Z21                              | 1 3/8"Z21                               | 50       | 30       | 118      | 100      | 187,5    |          |
| CR 3  | 2400      | 8 R          | 1CR3.800. 914    | 1 3/8"Z6                               | 1 3/8"Z6                                | 50       | 30       | 130      | 100      | 187,5    |          |
| CR 3  | 2400      | 8 R          | 1CR3.800. 915    | 1 3/8"Z21                              | 1 3/8"Z21                               | 50       | 30       | 130      | 100      | 187,5    |          |
| CRM 3 | 2400      |              | R 1CRM3.338. 138 | 1 3/8"Z6                               | 1 3/8"Z6                                | 50       | 30       | -        | -        | -        | 207,5    |
| CR 4  | 2400      | 6 L          | 1CR4.600. 916    | 1 3/8"Z21                              | 1 3/8"Z21                               | 50       | 30       | 118      | 100      | 185      |          |
| CR 4  | 2400      | 6 L          | 1CR4.600. 917    | 1 3/8"Z6                               | 1 3/8"Z6                                | 50       | 30       | 118      | 100      | 185      |          |
| CR 4  | 2400      | 7 L          | 1CR4.700. 916    | 1 3/8"Z21                              | 1 3/8"Z21                               | 50       | 30       | 118      | 100      | 185      |          |
| CR 4  | 2400      | 7 L          | 1CR4.700. 917    | 1 3/8"Z6                               | 1 3/8"Z6                                | 50       | 30       | 118      | 100      | 187,5    |          |
| CR 4  | 2400      | 8 L          | 1CR4.800. 916    | 1 3/8"Z21                              | 1 3/8"Z21                               | 50       | 30       | 130      | 100      | 187,5    |          |
| CR 4  | 2400      | 8 L          | 1CR4.800. 917    | 1 3/8"Z6                               | 1 3/8"Z6                                | 50       | 30       | 130      | 100      | 187,5    |          |
| CRM 4 | 2400      |              | L 1CRM4.438. 138 | 1 3/8"Z21                              | 1 3/8"Z21                               | 50       | 30       | -        | -        | -        | 207,5    |

SPARE PARTLIST FOR THE OVERRUNNING CLUTCHES

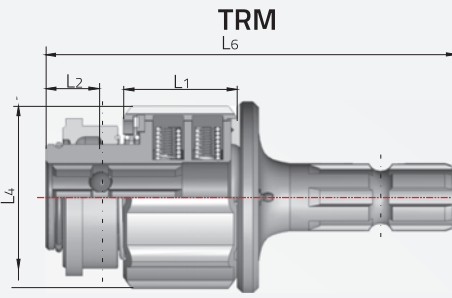
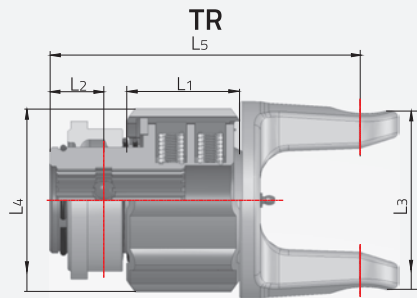
ERSATZTEILLISTE FÜR FREILAUFKUPPLUNGEN



| REF. | CROSS KIT    | ITEM QUANTITY | CODE:        | DESCRIPTION           |                          | STANDARD NUMBER: |
|------|--------------|---------------|--------------|-----------------------|--------------------------|------------------|
| REF. | KREUTZGELENK | ARTIKELANZAHL | CODE:        | BEZEICHNUNG           |                          | STANDARD NUMMER: |
| 1    | 1            | 1             | 9127.CR1.100 | LUBRICATE FITTING     | SCHMIERNIPPEL            | DIN 71412        |
| 2    | 1            | 1             | 108.CR1.101  | YOKE                  | GABEL                    | SAE 1040 - GS 52 |
| 2    | 2            | 1             | 108.CR2.101  |                       |                          |                  |
| 2    | 3            | 1             | 108.CR3.101  |                       |                          |                  |
| 2    | 4            | 1             | 108.CR4.101  |                       |                          |                  |
| 2    | 45           | 1             | 108.CR45.101 |                       |                          |                  |
| 2    | 5            | 1             | 108.CR5.101  |                       |                          |                  |
| 2    | 6            | 1             | 108.CR6.101  |                       |                          |                  |
| 2    | 7            | 1             | 108.CR7.101  |                       |                          |                  |
| 2    | 8            | 1             | 108.CR8.101  |                       |                          |                  |
| 3    | 1            | 1             | 121.CR1.101  | HOUSING               | GEHAEUSE                 | CC TUBE<br>ROHR  |
| 3    | 2            | 1             | 121.CR1.101  |                       |                          |                  |
| 3    | 3            | 1             | 121.CR1.101  |                       |                          |                  |
| 3    | 4            | 1             | 121.CR1.101  |                       |                          |                  |
| 3    | 45           | 1             | 121.CR1.101  |                       |                          |                  |
| 3    | 5            | 1             | 121.CR1.101  |                       |                          |                  |
| 3a   | 6            | 1             | 121.CR3.101  |                       |                          |                  |
| 3a   | 7            | 1             | 121.CR3.101  |                       |                          |                  |
| 3a   | 8            | 1             | 121.CR3.101  |                       |                          |                  |
| 4    | 1            | 1             | 123.CR1.101  | WASHER                | DICHTUNGSRING            |                  |
| 5    | 1            | 1             | 109.CR1.101  | HUB WITH<br>PUSH PIN  | NABE MIT<br>SCHIEBESTIFT | SAE 1040 - GS 52 |
| 5    | 2            | 1             | 109.CR1.101  |                       |                          |                  |
| 5    | 3            | 1             | 109.CR1.101  |                       |                          |                  |
| 5    | 4            | 1             | 109.CR1.101  |                       |                          |                  |
| 5    | 45           | 1             | 109.CR1.101  |                       |                          |                  |
| 5    | 5            | 1             | 109.CR1.101  |                       |                          |                  |
| 5a   | 6            | 1             | 109.CR3.101  |                       |                          |                  |
| 5a   | 7            | 1             | 109.CR3.101  |                       |                          |                  |
| 5a   | 8            | 1             | 109.CR3.101  |                       |                          |                  |
| 6    |              | 1             | 112.CR1.100  | PAWL                  | MITNEHMERSATZ            | 55CRSI           |
| 6a   |              | 1             | 112.CR6.101  | SPRING                | FEDER                    | TS 2500 SH       |
| 7    |              | 1             | 9125.CR1.100 |                       |                          |                  |
| 8    |              | 1             | 9136.CR1.100 | OIL FILZ              | ÖHLFILZ                  |                  |
| 9    |              | 1             | 123.CR1.101  | TRUST PLATE           | DRUCKSCHEIBE             |                  |
| 10   |              | 3             | 9126.CR1.100 | CIRCLIP               | SICHERUNGSRING           | DIN 472/82       |
| 11   |              | 1             | 113.CR1.101  | HUB WITH PROFILE      | NABE MIT PROFIL          | SAE 1040         |
| 12   |              | 1             | 9150.100.100 | PLASTIC WITH ROTATION | ROTIERENDER KUNSTOFF     | POLIPROPOLIN     |

# TORQUE LIMITER CLUTCH

## STERNRATSCHEN KUPPLUNG



IT IS USED TO LIMIT THE TORQUE THAT IS CONVEYED INTERMITTENTLY AT THE ADJUSTED LEVEL. SOME NOISE MAY BE HEARD DURING OPERATION WHEN THE CLUTCH IS ENGAGED. IN THIS CASE, IT IS ADVISED THAT THE MACHINE BE STOPPED TO PREVENT CLUTCH ABRASION. IT SHOULD BE LUBRICATED AT THE END OF EACH 8 HOUR USE. IT IS INSTALLED ON THE MACHINE SIDE.

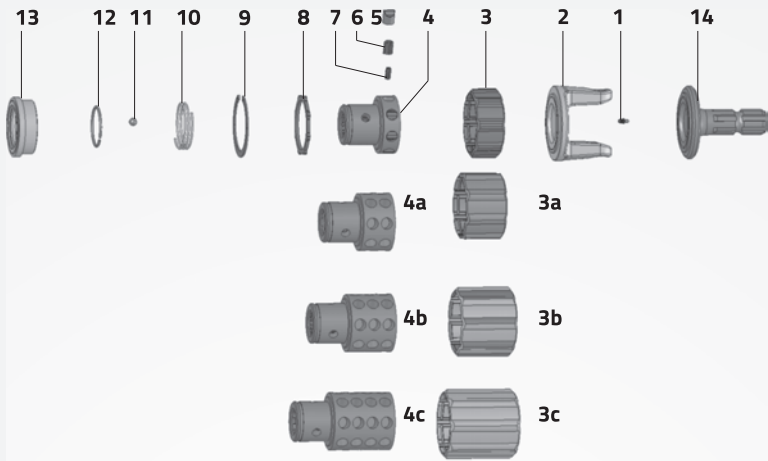
BEGRENZT DAS DREHMOMENT BEI ÜBERLASTUNG. SICHERUNG DURCH PULSIERENDE ÜBERTRAGUNG WAHREND SCHLUPFZEIT. DAS AUFTRETENDE GERÄUSCH DIENT ALS WARNSIGNAL UND DIE MASCHINE SOLLTE GESTOPPT WERDEN. SOLLTE NACH JEWEILS 8 BETRIEBSSTUNDEN GEWARTET WERDEN. KUPPLUNG WIRD MASCHINENSEITIG MONTIERT.

| REF. | LINE  | TORQUE    | CROSS KIT     | CODE | SPLINE TRACTOR SIDE (T.S.)       | SPLINE MACHINE SIDE (M.S.)        | L <sub>1</sub><br>mm | L <sub>2</sub><br>mm | L <sub>3</sub><br>mm | L <sub>4</sub><br>mm | L <sub>5</sub><br>mm | L <sub>6</sub><br>mm |
|------|-------|-----------|---------------|------|----------------------------------|-----------------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| REF. | REIHE | DREHKRAFT | KREUTZGELE NK | CODE | PROFILE DER TRAKTOR SEITE (T.S.) | PROFILE DER MACHINEN SEITE (M.S.) |                      |                      |                      |                      |                      |                      |
| 1    | TR    | 1         | 260           | 1    | 1TR 1.100. 930                   |                                   | 40,00                | 28,00                | 63,90                | 95,00                | 136,00               | -                    |
| 1    | TR    | 1         | 260           | 1    | 1TR 1.100. 931                   |                                   | 40,00                | 28,00                | 63,90                | 95,00                | 136,00               | -                    |
| 1    | TR    | 1         | 260           | 2    | 1TR 1.200. 930                   |                                   | 40,00                | 28,00                | 72,00                | 95,00                | 152,00               | -                    |
| 1    | TR    | 1         | 260           | 2    | 1TR 1.200. 931                   |                                   | 40,00                | 28,00                | 72,00                | 95,00                | 152,00               | -                    |
| 1    | TRM   | 1         | 500           |      | 1TRM.138. 138                    | 1 3/8"Z6                          | 40,00                | 28,00                | -                    | 95,00                | -                    | 195,00               |
| 1    | TR    | 2         | 500           | 1    | 1TR 2.100. 933                   |                                   | 60,00                | 28,00                | 63,90                | 95,00                | 136,00               | -                    |
| 1    | TR    | 2         | 500           | 1    | 1TR 2.100. 934                   |                                   | 60,00                | 28,00                | 63,90                | 95,00                | 136,00               | -                    |
| 1    | TR    | 2         | 500           | 2    | 1TR 2.200. 933                   |                                   | 60,00                | 28,00                | 72,00                | 95,00                | 152,00               | -                    |
| 1    | TR    | 2         | 500           | 2    | 1TR 2.200. 934                   |                                   | 60,00                | 28,00                | 72,00                | 95,00                | 152,00               | -                    |
| 1    | TR    | 2         | 500           | 3    | 1TR 2.300. 933                   |                                   | 60,00                | 28,00                | 86,00                | 95,00                | 167,00               | -                    |
| 1    | TR    | 2         | 500           | 3    | 1TR 2.300. 934                   |                                   | 60,00                | 28,00                | 86,00                | 95,00                | 167,00               | -                    |
| 1    | TR    | 2         | 500           | 4    | 1TR 2.400. 933                   |                                   | 60,00                | 28,00                | 92,00                | 95,00                | 167,00               | -                    |
| 1    | TR    | 2         | 500           | 4    | 1TR 2.400. 934                   |                                   | 60,00                | 28,00                | 92,00                | 95,00                | 167,00               | -                    |
| 1    | TR    | 2         | 500           | 45   | 1TR 2.450. 933                   |                                   | 60,00                | 28,00                | 92,00                | 95,00                | 167,00               | -                    |
| 1    | TR    | 2         | 500           | 45   | 1TR 2.450. 934                   |                                   | 60,00                | 28,00                | 92,00                | 95,00                | 167,00               | -                    |
| 1    | TR    | 2         | 500           | 5    | 1TR 2.500. 933                   |                                   | 60,00                | 28,00                | 102,00               | 95,00                | 175,00               | -                    |
| 1    | TR    | 2         | 500           | 5    | 1TR 2.500. 934                   |                                   | 60,00                | 28,00                | 102,00               | 95,00                | 175,00               | -                    |
| 1    | TRM   | 2         | 500           |      | 1TRM.238. 138                    | 1 3/8"Z6                          | 60,00                | 28,00                | -                    | 95,00                | -                    | 210,00               |
| 1    | TR    | 3         | 800           | 3    | 1TR 3.300. 938                   |                                   | 80,00                | 28,00                | 86,00                | 95,00                | 187,00               | -                    |
| 1    | TR    | 3         | 800           | 3    | 1TR 3.300. 939                   |                                   | 80,00                | 28,00                | 86,00                | 95,00                | 187,00               | -                    |
| 1    | TR    | 3         | 800           | 4    | 1TR 3.400. 938                   |                                   | 80,00                | 28,00                | 92,00                | 95,00                | 187,00               | -                    |
| 1    | TR    | 3         | 800           | 4    | 1TR 3.400. 939                   |                                   | 80,00                | 28,00                | 92,00                | 95,00                | 187,00               | -                    |
| 1    | TR    | 3         | 800           | 45   | 1TR 3.450. 938                   |                                   | 80,00                | 28,00                | 92,00                | 95,00                | 187,00               | -                    |
| 1    | TR    | 3         | 800           | 45   | 1TR 3.450. 939                   |                                   | 80,00                | 28,00                | 92,00                | 95,00                | 187,00               | -                    |
| 1    | TR    | 3         | 800           | 5    | 1TR 3.500. 938                   |                                   | 80,00                | 28,00                | 102,00               | 95,00                | 195,00               | -                    |
| 1    | TR    | 3         | 800           | 5    | 1TR 3.500. 939                   |                                   | 80,00                | 28,00                | 102,00               | 95,00                | 195,00               | -                    |
| 1    | TR    | 3         | 800           | 6    | 1TR 3.600. 940                   |                                   | 80,00                | 28,00                | 118,00               | 95,00                | 200,00               | -                    |
| 1    | TR    | 3         | 800           | 6    | 1TR 3.600. 941                   |                                   | 80,00                | 28,00                | 118,00               | 95,00                | 200,00               | -                    |
| 1    | TRM   | 3         | 800           |      | 1TRM.338. 138                    | 1 3/8"Z6                          | 80,00                | 28,00                | -                    | 95,00                | -                    | 228,00               |
| 1    | TR    | 4         | 1.000         | 5    | 1TR 4.500. 942                   |                                   | 100,00               | 28,00                | 102,00               | 95,00                | 215,00               | -                    |
| 1    | TR    | 4         | 1.000         | 5    | 1TR 4.500. 943                   |                                   | 100,00               | 28,00                | 102,00               | 95,00                | 215,00               | -                    |
| 1    | TR    | 4         | 1.000         | 6    | 1TR 4.600. 942                   |                                   | 100,00               | 28,00                | 118,00               | 95,00                | 220,00               | -                    |
| 1    | TR    | 4         | 1.000         | 6    | 1TR 4.600. 943                   |                                   | 100,00               | 28,00                | 118,00               | 95,00                | 220,00               | -                    |
| 1    | TR    | 4         | 1.000         | 7    | 1TR 4.700. 942                   |                                   | 100,00               | 28,00                | 119,00               | 95,00                | 225,00               | -                    |
| 1    | TR    | 4         | 1.000         | 7    | 1TR 4.700. 943                   |                                   | 100,00               | 28,00                | 119,00               | 95,00                | 225,00               | -                    |
| 1    | TR    | 4         | 1.000         | 8    | 1TR 4.800. 942                   |                                   | 100,00               | 28,00                | 130,00               | 95,00                | 225,00               | -                    |
| 1    | TR    | 4         | 1.000         | 8    | 1TR 4.800. 943                   |                                   | 100,00               | 28,00                | 130,00               | 95,00                | 225,00               | -                    |
| 1    | TR    | 4         | 1.200         | 5    | 1TR 4.500. 944                   |                                   | 100,00               | 28,00                | 102,00               | 95,00                | 215,00               | -                    |
| 1    | TR    | 4         | 1.200         | 5    | 1TR 4.500. 945                   |                                   | 100,00               | 28,00                | 102,00               | 95,00                | 215,00               | -                    |
| 1    | TR    | 4         | 1.200         | 6    | 1TR 4.600. 944                   |                                   | 100,00               | 28,00                | 118,00               | 95,00                | 220,00               | -                    |
| 1    | TR    | 4         | 1.200         | 6    | 1TR 4.600. 945                   |                                   | 100,00               | 28,00                | 118,00               | 95,00                | 220,00               | -                    |
| 1    | TR    | 4         | 1.200         | 7    | 1TR 4.700. 944                   |                                   | 100,00               | 28,00                | 119,00               | 95,00                | 225,00               | -                    |
| 1    | TR    | 4         | 1.200         | 7    | 1TR 4.700. 945                   |                                   | 100,00               | 28,00                | 119,00               | 95,00                | 225,00               | -                    |
| 1    | TR    | 4         | 1.200         | 8    | 1TR 4.800. 944                   |                                   | 100,00               | 28,00                | 130,00               | 95,00                | 225,00               | -                    |
| 1    | TR    | 4         | 1.200         | 8    | 1TR 4.800. 945                   |                                   | 100,00               | 28,00                | 130,00               | 95,00                | 225,00               | -                    |
| 1    | TRM   | 4         | 1200          |      | 1TRM.438. 138                    | 1 3/8"Z6                          | 100,00               | 28,00                | -                    | 95,00                | -                    | 250,00               |
| 1    | TR    | 5         | 1.500         | 8    | 1TR 5.800. 946                   |                                   | 100,00               | 28,00                | 130,00               | 95,00                | 225,00               | -                    |
| 1    | TR    | 6         | 1.500         | 8    | 1TR 6.800. 948                   |                                   | 100,00               | 28,00                | 130,00               | 95,00                | 225,00               | -                    |

| TR1 |       | TR2 |       | TR3 |       | TR4 |       | TR5 |       | TR6 |       | TT:           | MT:             | TRM              |  |
|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|---------------|-----------------|------------------|---------------------------------------------------------------------------------------|
| 1   | LINE  | 2   | LINE  | 3   | LINE  | 4   | LINE  | 5   | LINE  | 6   | LINE  | TRACTOR SIDE  | MACHINE SIDE    | AXLE YOKE        |                                                                                       |
| 1   | REIHE | 2   | REIHE | 3   | REIHE | 4   | REIHE | 5   | REIHE | 6   | REIHE | TRAKTOR SEITE | MASCHINEN SEITE | GABEL MIT AXCHSE | REIHE                                                                                 |

# SPARE PARTS LIST FOR THE TORQUE LIMITER CLUTCHES

## ERSATZTEILE FÜR STERNRATCHENKUPPLUNG

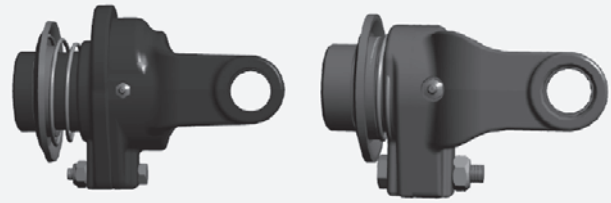


| REF. | SERIES       | ITEM QUANTITY  | CODE:        | DESCRIPTION               |                               | STANDARD NUMBER: |
|------|--------------|----------------|--------------|---------------------------|-------------------------------|------------------|
| REF. | KREUTZGELENK | ARTIKEL ANZAHL | CODE:        | BEZEICHNUNG               |                               | STANDARD NUMMER: |
| 1    | 1            | 1              | 9127.TR1.100 | LUBRICATE FITTING         | SCHMIERNIPPEL                 | DIN 71412        |
| 2    | 1            | 1              | 08.TR1.101   | YOKE                      | GABEL                         | SAE 1040 - GS 52 |
| 2    | 2            | 1              | 08.TR2.101   |                           |                               |                  |
| 2    | 3            | 1              | 08.TR3.101   |                           |                               |                  |
| 2    | 4            | 1              | 08.TR4.101   |                           |                               |                  |
| 2    | 45           | 1              | 08.TR45.101  |                           |                               |                  |
| 2    | 5            | 1              | 08.TR5.101   |                           |                               |                  |
| 2    | 6            | 1              | 08.TR6.101   |                           |                               |                  |
| 2    | 7            | 1              | 08.TR7.101   |                           |                               |                  |
| 2    | 8            | 1              | 08.TR8.101   |                           |                               |                  |
| 3    | 1            | 1              | 122.TR1.101  | HOUSING                   | GEHAEUSE                      | CC TUBE/ROHR     |
| 3a   | 1            | 1              | 122.TR1.201  |                           |                               |                  |
| 3    | 2            | 1              | 122.TR2.101  |                           |                               |                  |
| 3a   | 2            | 1              | 122.TR1.201  |                           |                               |                  |
| 3a   | 3            | 1              | 122.TR1.201  |                           |                               |                  |
| 3b   | 3            | 1              | 122.TR3.301  |                           |                               |                  |
| 3a   | 4            | 1              | 122.TR4.201  |                           |                               |                  |
| 3b   | 4            | 1              | 122.TR4.301  |                           |                               |                  |
| 3a   | 45           | 1              | 122.TR45.201 |                           |                               |                  |
| 3b   | 45           | 1              | 122.TR45.301 |                           |                               |                  |
| 3c   | 45           | 1              | 122.TR45.401 |                           |                               |                  |
| 3a   | 5            | 1              | 122.TR5.201  |                           |                               |                  |
| 3b   | 5            | 1              | 122.TR5.301  |                           |                               |                  |
| 3c   | 5            | 1              | 122.TR5.401  |                           |                               |                  |
| 3b   | 6            | 1              | 122.TR6.301  |                           |                               |                  |
| 3c   | 6            | 1              | 122.TR6.401  |                           |                               |                  |
| 3c   | 7            | 1              | 122.TR7.401  |                           |                               |                  |
| 3c   | 8            | 1              | 122.TR8.401  |                           |                               |                  |
| 4    | 1            | 1              | 111.TR1.101  | HUB WITH KEY              | STEURKUGEL FÜR DEN DREHMOMENT | SAE 1040 - GS 52 |
| 4a   | 1            | 1              | 111.TR1.201  |                           |                               |                  |
| 4a   | 2            | 1              | 111.TR2.101  |                           |                               |                  |
| 4b   | 2            | 1              | 111.TR2.201  |                           |                               |                  |
| 4a   | 3            | 1              | 111.TR3.201  |                           |                               |                  |
| 4b   | 3            | 1              | 111.TR3.301  |                           |                               |                  |
| 4a   | 4            | 1              | 111.TR4.201  |                           |                               |                  |
| 4b   | 45           | 1              | 111.TR45.301 |                           |                               |                  |
| 4a   | 5            | 1              | 111.TR5.201  |                           |                               |                  |
| 4b   | 5            | 1              | 111.TR5.301  |                           |                               |                  |
| 4c   | 5            | 1              | 111.TR5.401  |                           |                               |                  |
| 4b   | 6            | 1              | 111.TR6.301  |                           |                               |                  |
| 4c   | 6            | 1              | 111.TR6.401  |                           |                               |                  |
| 4c   | 7            | 1              | 111.TR7.401  |                           |                               |                  |
| 4c   | 8            | 1              | 111.TR8.401  |                           |                               |                  |
| 5    |              | 1              | 9140.TR1.101 | CAM                       | NOKEN                         |                  |
| 6    |              | 1              | 9125.TR1.101 | OUTER COMPRESSING SPRINGS | AUSENDRUCKFEDER               | 55CRSI           |
| 7    |              | 1              | 9125.TR1.102 | INNER COMPRESSING SPRINGS | INNENDRUCKFEDER               | 55CRSI           |
| 8    |              | 1              | 9123.TR1.102 | CIRCLIP                   | SICHERUNGSRING                |                  |
| 9    |              | 1              | 9126.CR1.100 | INNER CIRCLIP             | INNENSICHERUNGSRING           | DIN 472/82       |
| 10   |              | 1              | 9125.TR1.104 | RINGLET                   | SCHLIESSFEDER                 | TS 2500 SH       |
| 11   |              | 3              | 9132.TR1.100 | STEEL BALL                | STAHL BALL                    |                  |
| 12   |              | 1              | 9122.100.123 | LOCKING PLATE             | ABDECKRING                    |                  |
| 13   |              | 1              | 9126.100.101 | OUTER CIRCLIP             | AUSSENSICHERUNGSRING          |                  |
| 14   |              | 1              | 114.TR1.102  | PROFILE HUB               | PROFIL WELLE                  | SE 1040          |

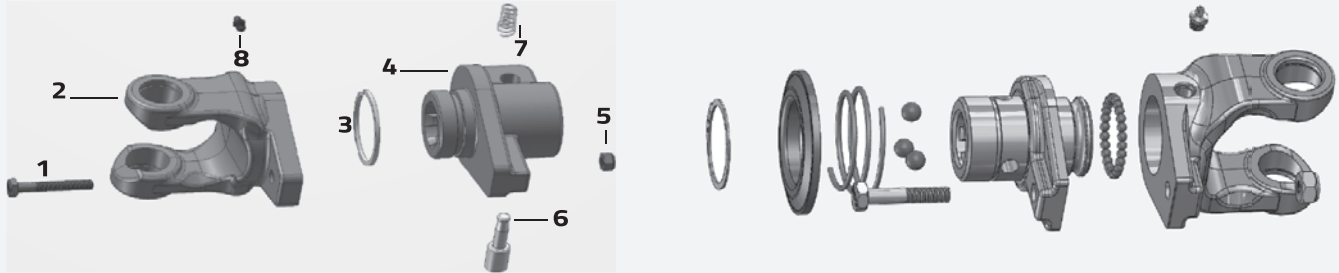


# SHEAR BOLT LIMITER CLUTCH

## SCHER BOLZEN KUPPLUNG

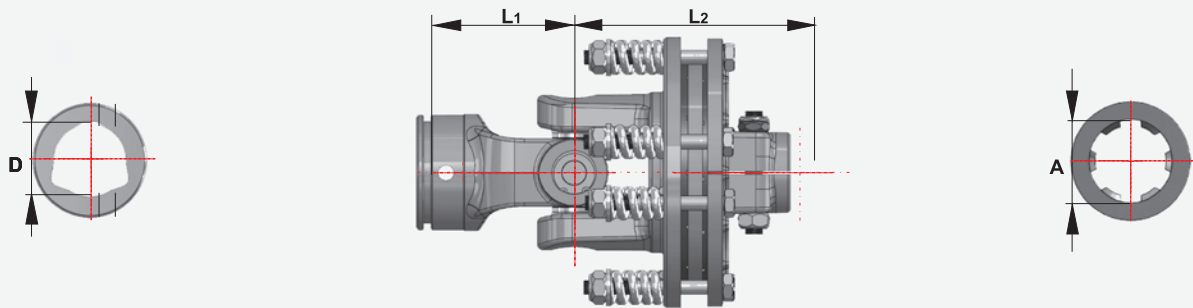


| REF. / REF. | TORQUE<br>DREHKRAFT | CROSS KIT<br>KREUTZGELENK | CODE<br>CODE  | SPLINE MACHINE<br>SIDE (M.S.)<br>PROFIEL DER MASCHINEN<br>SEITE (M.S.) | A<br>mm | B<br>mm | C<br>mm | R<br>mm | R1<br>mm |        |
|-------------|---------------------|---------------------------|---------------|------------------------------------------------------------------------|---------|---------|---------|---------|----------|--------|
|             | 650                 | 2                         | 1PK2.200. 971 | 1 3/8"Z6                                                               | 24      | 124     | 70      | 72      | 38       | M6X40  |
|             | 650                 | 2                         | 1PK2.200. 972 | 1 3/8"Z21                                                              | 24      | 124     | 70      | 72      | 38       | M6X40  |
|             | 900                 | 2                         | 1PK2.201. 971 | 1 3/8"Z6                                                               | 24      | 124     | 70      | 72      | 48       | M6X40  |
|             | 900                 | 2                         | 1PK2.201. 972 | 1 3/8"Z21                                                              | 24      | 124     | 70      | 72      | 48       | M6X40  |
|             | 1300                | 3                         | 1PK3.300. 971 | 1 3/8"Z6                                                               | 24      | 134     | 70      | 86      | 42       | M8X50  |
|             | 1300                | 3                         | 1PK3.300. 972 | 1 3/8"Z21                                                              | 24      | 134     | 70      | 86      | 42       | M8X50  |
|             | 1700                | 3                         | 1PK3.301. 971 | 1 3/8"Z6                                                               | 24      | 134     | 70      | 86      | 55       | M8X50  |
|             | 1700                | 3                         | 1PK3.301. 972 | 1 3/8"Z21                                                              | 24      | 134     | 70      | 86      | 55       | M8X50  |
|             | 1900                | 4                         | 1PK4.400. 971 | 1 3/8"Z6                                                               | 24      | 139     | 70      | 92      | 42       | M10X50 |
|             | 1900                | 4                         | 1PK4.400. 972 | 1 3/8"Z21                                                              | 24      | 139     | 70      | 92      | 42       | M10X50 |
|             | 2200                | 45                        | 1PK4.450. 971 | 1 3/8"Z6                                                               | 24      | 140     | 70      | 90      | 46       | M10X50 |
|             | 2200                | 45                        | 1PK4.450. 972 | 1 3/8"Z21                                                              | 24      | 140     | 70      | 90      | 46       | M10X50 |
|             | 2500                | 5                         | 1PK5.500. 971 | 1 3/8"Z6                                                               | 24      | 142     | 80      | 102     | 55       | M10X60 |
|             | 2500                | 5                         | 1PK5.500. 972 | 1 3/8"Z21                                                              | 24      | 142     | 80      | 102     | 55       | M10X60 |
|             | 2700                | 6                         | 1PK6.600. 971 | 1 3/8"Z6                                                               | 24      | 146     | 80      | 118     | 45       | M12X60 |
|             | 2700                | 6                         | 1PK6.600. 972 | 1 3/8"Z21                                                              | 24      | 146     | 80      | 118     | 45       | M12X60 |
|             | 3000                | 7                         | 1PK7.700. 971 | 1 3/8"Z6                                                               | 24      | 164     | 100     | 119     | 49       | M12X65 |
|             | 3000                | 7                         | 1PK7.700. 972 | 1 3/8"Z21                                                              | 24      | 164     | 100     | 119     | 49       | M12X65 |
|             | 3500                | 7                         | 1PK7.701. 971 | 1 3/8"Z6                                                               | 24      | 164     | 100     | 119     | 57       | M12X65 |
|             | 3500                | 7                         | 1PK7.701. 972 | 1 3/8"Z21                                                              | 24      | 164     | 100     | 119     | 57       | M12X65 |
|             | 4500                | 8                         | 1PK8.800. 971 | 1 3/8"Z6                                                               | 24      | 164     | 100     | 130     | 49       | M14X75 |
|             | 4500                | 8                         | 1PK8.800. 972 | 1 3/8"Z21                                                              | 24      | 164     | 100     | 130     | 49       | M14X75 |

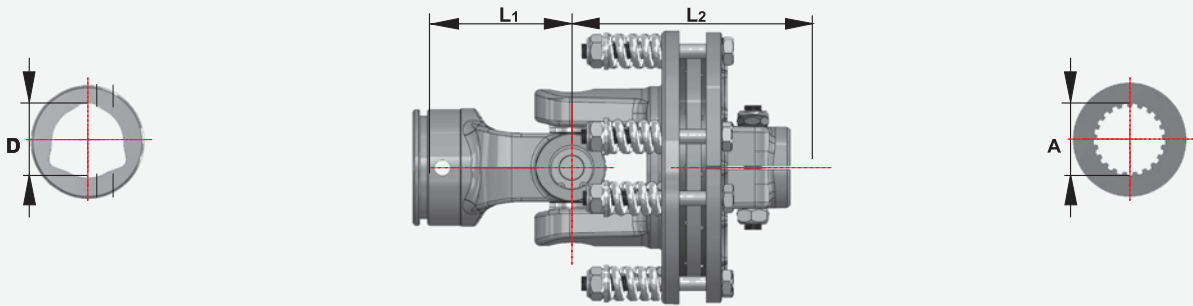


| SERIES<br>SERIE | PICTURE NR<br>BILD NR | CODE<br>CODE   | DESCRIPTION<br>BEZEICHNUNG        | QUANTITY<br>ANZAHL | STANDARD<br>STANDARD    |
|-----------------|-----------------------|----------------|-----------------------------------|--------------------|-------------------------|
| 2               | 1                     | 9128.PK2. 101  | HEXAGON BOLT                      | 1                  | DIN 933 - M6X40-8,8     |
| 3               | 1                     | 9128.PK3. 103  | HEXAGON BOLT                      | 1                  | DIN 933 - M8X50-8,8     |
| 4               | 1                     | 9128.PK4. 115  | HEXAGON BOLT                      | 1                  | DIN 933 - M10X50-8,8    |
| 5               | 1                     | 9128.PK5. 105  | HEXAGON BOLT                      | 1                  | DIN 933 - M10X60-8,8    |
| 6               | 1                     | 9128.PK6. 110  | HEXAGON BOLT                      | 1                  | DIN 933 - M12X60-8,8    |
| 7               | 1                     | 9128.PK7. 108  | HEXAGON BOLT                      | 1                  | DIN 933 - M12X65-8,8    |
| 8               | 1                     | 9128.PK8. 116  | HEXAGON BOLT                      | 1                  | DIN 933 - M14X75-8,8    |
| 2               | 2                     | 9241.PK2. 101  | SHEAR BOLT HUB                    | 1                  | SAE 1040 - G552         |
| 3               | 2                     | 9241.PK3. 101  | SHEAR BOLT HUB                    | 1                  | SAE 1040 - G552         |
| 4               | 2                     | 9241.PK4. 101  | SHEAR BOLT HUB                    | 1                  | SAE 1040 - G552         |
| 45              | 2                     | 9241.PK45. 101 | SHEAR BOLT HUB                    | 1                  | SAE 1040 - G552         |
| 5               | 2                     | 9241.PK5.. 101 | SHEAR BOLT HUB                    | 1                  | SAE 1040 - G552         |
| 6               | 2                     | 9241.PK6. 101  | SHEAR BOLT HUB                    | 1                  | SAE 1040 - G552         |
| 7               | 2                     | 9241.PK7. 101  | SHEAR BOLT HUB                    | 1                  | SAE 1040 - G552         |
| 8               | 2                     | 9241.PK8. 101  | SHEAR BOLT HUB                    | 1                  | SAE 1040 - G552         |
|                 | 3                     | 9226.PK2. 105  | CIRCLIP                           | 1                  | DIN 7983 48X2,5 MM      |
| 2               | 4                     | 142.PK2. 101   | HUB WITH SPLINE                   | 1                  | SAE 1040 - G552         |
| 3               | 4                     | 142.PK3. 101   | HUB WITH SPLINE                   | 1                  | SAE 1040 - G552         |
| 4               | 4                     | 142.PK4. 101   | HUB WITH SPLINE                   | 1                  | SAE 1040 - G552         |
| 45              | 4                     | 142.PK45. 101  | HUB WITH SPLINE                   | 1                  | SAE 1040 - G552         |
| 5               | 4                     | 142.PK5. 101   | HUB WITH SPLINE                   | 1                  | SAE 1040 - G552         |
| 6               | 4                     | 142.PK6. 101   | HUB WITH SPLINE                   | 1                  | SAE 1040 - G552         |
| 7               | 4                     | 142.PK7. 101   | HUB WITH SPLINE                   | 1                  | SAE 1040 - G552         |
| 8               | 4                     | 142.PK8. 101   | HUB WITH SPLINE                   | 1                  | SAE 1040 - G552         |
|                 | 5                     | 9129.PK2. 100  | HEXAGON NUT                       | 1                  | DIN 985 - M6X1,5 - 8,8  |
|                 | 5                     | 9129.BS0. 101  | HEXAGON NUT                       | 1                  | DIN 985 - M8X1,5 - 8,8  |
|                 | 5                     | 9129.BS0. 102  | HEXAGON NUT                       | 1                  | DIN 985 - M10X1,5 - 8,8 |
|                 | 5                     | 9129.BS0. 103  | HEXAGON NUT                       | 1                  | DIN 985 - M12X1,5 - 8,8 |
|                 | 5                     | 9129.BS0. 105  | HEXAGON NUT                       | 1                  | DIN 985 - M14X1,5 - 8,8 |
|                 | 6                     | 106.100. 111   | PIN                               | 1                  | SAE 7131                |
|                 | 7                     | 9125.100. 107  | COMPRESSING SPRING                | 1                  | TS 2500 SH              |
|                 | 8                     | 9127.CR1. 101  | LUBRICATION FITTING               | 1                  | M6                      |
|                 | 9                     | 9129.200. 101  | STEAL BALL                        | 25                 |                         |
|                 | 10                    | 9161.PK5. 101  | SPLINED HUB WITH QUICK CONNECTION | 1                  |                         |
|                 | 10                    | 9161.PK5. 102  | SPLINED HUB WITH QUICK CONNECTION | 1                  |                         |
|                 | 11                    | 9199.200. 105  | STEAL BALL                        | 1                  |                         |
|                 | 12                    | 9125.TR1 104   | LOCKING SPRINGS                   | 1                  | TS 2500 SH              |
|                 | 13                    | 9223.100. 123  | LOCKING PLATE                     | 1                  |                         |
|                 | 14                    | 9126.100. 101  | CIRCLIP                           | 1                  |                         |

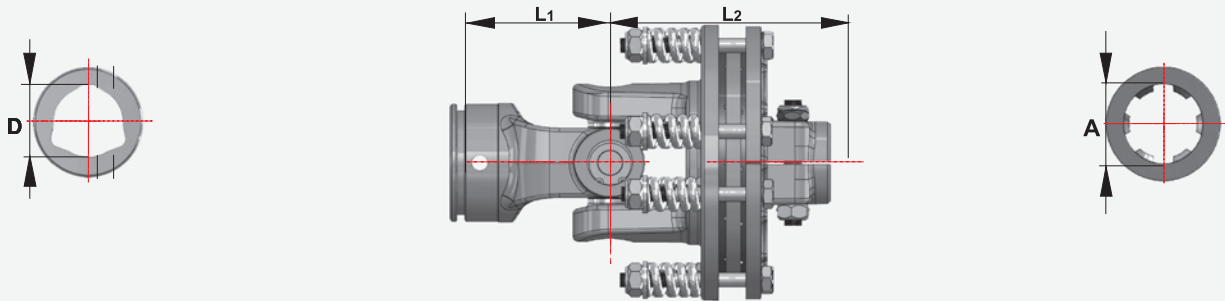
# **FRICITION LIMITER CLUTCHES WITH 2 FRICTION LINING** **REIBSCHEIBENKUPPLUNGEN MIT 2 REIBSCHEIBEN**



| SERIES<br>SERIE | CROSS KIT SIZE<br>KREUTZGRÖSSE | CODE<br>KODE   | A         | D    | L1    | L2  |
|-----------------|--------------------------------|----------------|-----------|------|-------|-----|
| 3               | 27X75                          | 2TKD3.956.704  | 1 3/8" Z6 | 43,5 | 90    | 142 |
| 4               | 27X82                          | 2TKD4.956.707  | 1 3/8" Z6 | 51,5 | 118   | 142 |
| 45              | 30X80                          | 2TKD45.960.707 | 1 3/8" Z6 | 51,5 | 96    | 151 |
| 5               | 30X92                          | 2TKD5.960.708  | 1 3/8" Z6 | 54   | 108   | 151 |
| 6               | 30X106                         | 2TKD6.960.708  | 1 3/8" Z6 | 54   | 110   | 164 |
| 7               | 35X106                         | 2TKD7.960.710  | 1 3/8" Z6 | 63   | 112,5 | 162 |
| 8               | 41X118                         | 2TKD8.960.710  | 1 3/8" Z6 | 63   | 137   | 162 |



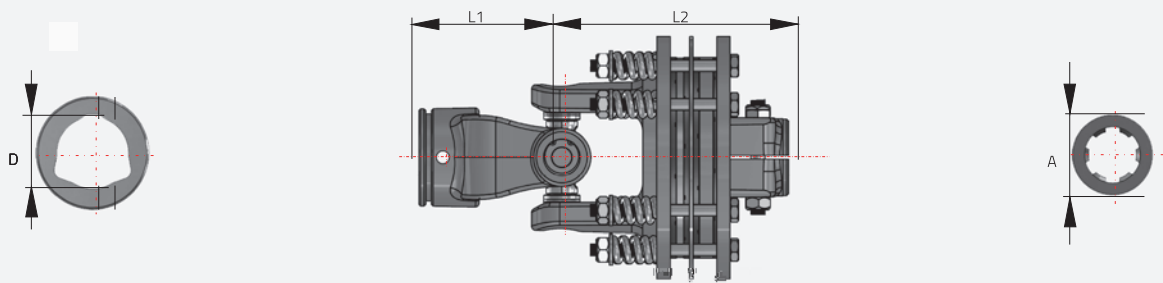
| SERIES<br>SERIE | CROSS KIT SIZE<br>KREUTZGRÖSSE | CODE<br>KODE   | A          | D    | L1    | L2  |
|-----------------|--------------------------------|----------------|------------|------|-------|-----|
| 3               | 27X75                          | 2TKD3.957.704  | 1 3/8" Z21 | 43,5 | 90    | 142 |
| 4               | 27X82                          | 2TKD4.957.707  | 1 3/8" Z21 | 51,5 | 118   | 142 |
| 45              | 30X80                          | 2TKD45.961.707 | 1 3/8" Z21 | 51,5 | 96    | 151 |
| 5               | 30X92                          | 2TKD5.961.708  | 1 3/8" Z21 | 54   | 108   | 151 |
| 6               | 30X106                         | 2TKD6.961.708  | 1 3/8" Z21 | 54   | 110   | 164 |
| 7               | 35X106                         | 2TKD7.961.710  | 1 3/8" Z21 | 63   | 112,5 | 162 |
| 8               | 41X118                         | 2TKD8.961.710  | 1 3/8" Z21 | 63   | 137   | 162 |



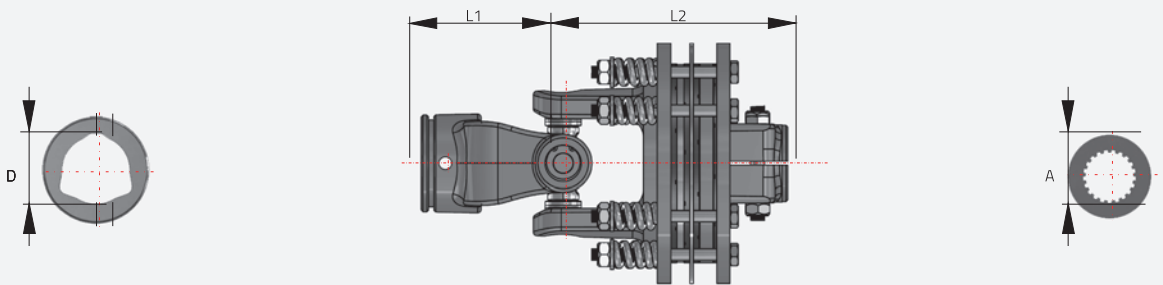
| SERIES<br>SERIE | CROSS KIT SIZE<br>KREUTZGRÖSSE | CODE<br>KODE   | A         | D    | L1    | L2  |
|-----------------|--------------------------------|----------------|-----------|------|-------|-----|
| 45              | 30X80                          | 2TKD45.962.707 | 1 3/4" Z6 | 51,5 | 96    | 151 |
| 5               | 30X92                          | 2TKD5.962.708  | 1 3/4" Z6 | 54   | 108   | 151 |
| 6               | 30X106                         | 2KTD6.962.708  | 1 3/4" Z6 | 54   | 110   | 164 |
| 7               | 35X106                         | 2KTD7.962.710  | 1 3/4" Z6 | 63   | 112,5 | 162 |
| 8               | 41X118                         | 2KTD8.962.710  | 1 3/4" Z6 | 63   | 137   | 162 |

# FRICITION LIMITER CLUTCHES WITH 4 FRICTION LINING

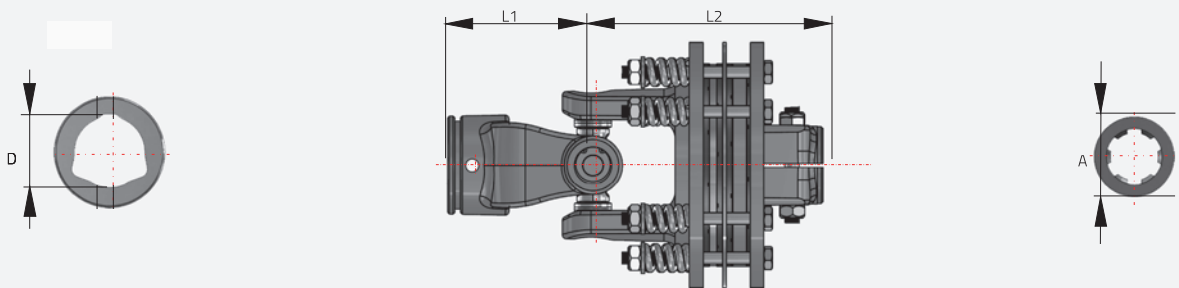
## REIBSCHEIBEN KUPPLUNGEN MIT 4 REIBSCHEIBEN



| SERIES<br>SERIE | CROSS KIT SIZE<br>KREUTZGRÖSSE | CODE<br>KODE  | A         | D  | L1    | L2  |
|-----------------|--------------------------------|---------------|-----------|----|-------|-----|
| 6               | 30X106                         | 2TKD6.963.708 | 1 3/8" Z6 | 54 | 110   | 188 |
| 7               | 35X106                         | 2TKD7.963.710 | 1 3/8" Z6 | 63 | 112,5 | 182 |
| 8               | 41X118                         | 2TKD8.963.710 | 1 3/8" Z6 | 63 | 136   | 162 |



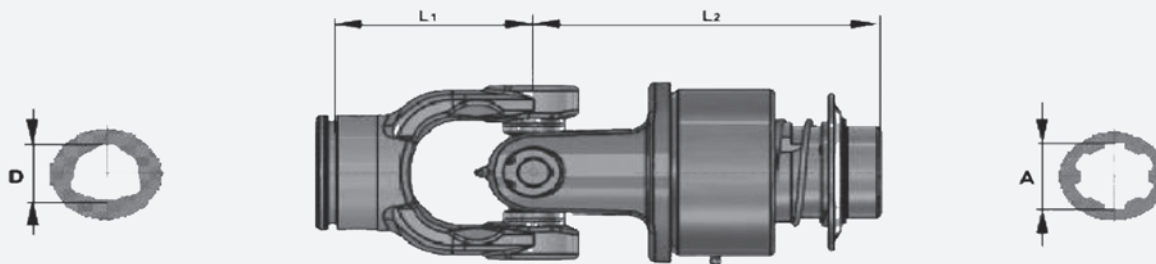
| SERIES<br>SERIE | CROSS KIT SIZE<br>KREUTZGRÖSSE | CODE<br>KODE  | A          | D  | L1    | L2  |
|-----------------|--------------------------------|---------------|------------|----|-------|-----|
| 6               | 35X106                         | 2TKD6.964.708 | 1 3/8" Z21 | 54 | 110   | 188 |
| 7               | 35X106                         | 2TKD7.964.710 | 1 3/8" Z21 | 63 | 112,5 | 182 |
| 8               | 41X118                         | 2TKD8.964.710 | 1 3/8" Z21 | 63 | 136   | 182 |



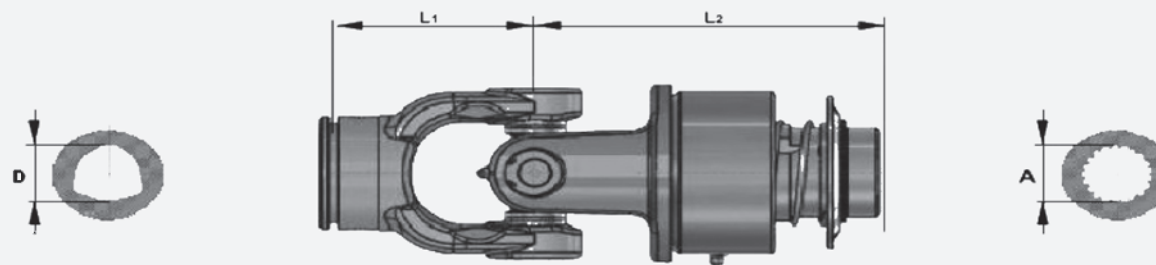
| SERIES<br>SERIE | CROSS KIT SIZE<br>KREUTZGRÖSSE | CODE<br>KODE  | A         | D  | L1    | L2  |
|-----------------|--------------------------------|---------------|-----------|----|-------|-----|
| 6               | 30X106                         | 2TKD6.965.708 | 1 3/4" Z6 | 54 | 110   | 188 |
| 7               | 35X106                         | 2TKD7.965.710 | 1 3/4" Z6 | 63 | 112,5 | 182 |
| 8               | 41X118                         | 2TKD8.965.710 | 1 3/4" Z6 | 63 | 136   | 182 |

OVERRUNNING CLUTCH COMPLETE SET WITH CROSS KIT

KOMPLETSATZ DER STERNRATCHENKUPPLUNG MIT KREUTZGELENKEN



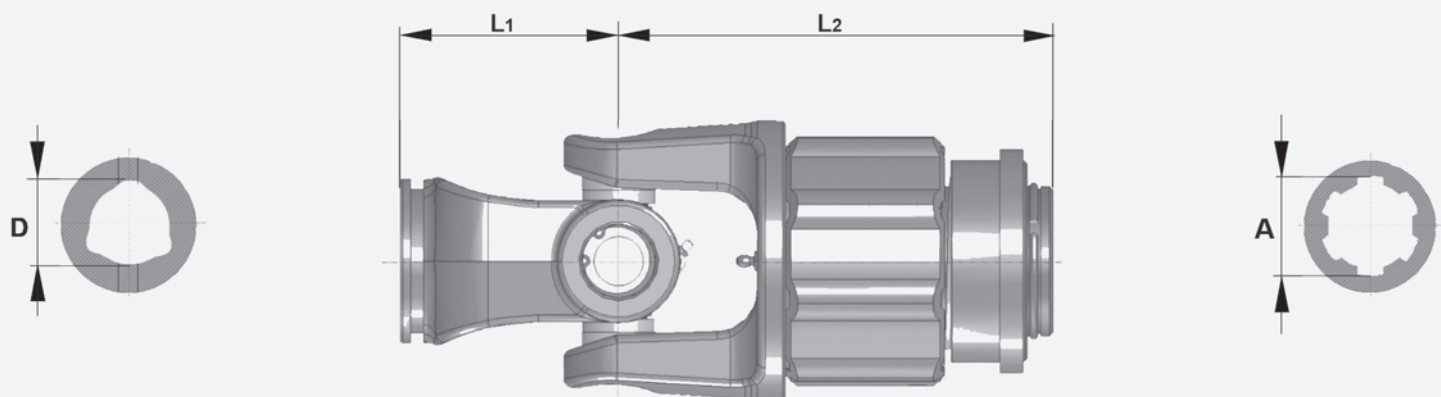
| SERIES<br>SERIE | CROSS KIT SIZE<br>KREUTZGRÖSSE | CODE<br>KODE   | A         | D    | L <sub>1</sub> | L <sub>2</sub> |
|-----------------|--------------------------------|----------------|-----------|------|----------------|----------------|
| 1               | 22X54                          | 2TKD1.912.702  | 1 3/8" Z6 | 36   | 92             | 138            |
| 2               | 24X62                          | 2TKD2.912.704  | 1 3/8" Z6 | 43,5 | 92             | 138            |
| 3               | 27X75                          | 2TKD3.912.704  | 1 3/8" Z6 | 43,5 | 90             | 150            |
| 4               | 27X82                          | 2TKD4.912.707  | 1 3/8" Z6 | 51,5 | 118            | 150            |
| 45              | 30X80                          | 2TKD45.912.707 | 1 3/8" Z6 | 51,5 | 96             | 173            |
| 5               | 30X92                          | 2TKD5.912.708  | 1 3/8" Z6 | 54   | 108            | 173            |
| 6               | 30X106                         | 2TKD6.916.708  | 1 3/8" Z6 | 54   | 110            | 185            |
| 7               | 35X106                         | 2TKD7.916.710  | 1 3/8" Z6 | 63   | 112,5          | 187,5          |
| 8               | 41X118                         | 2TKD8.916.710  | 1 3/8" Z6 | 63   | 137            | 187,5          |



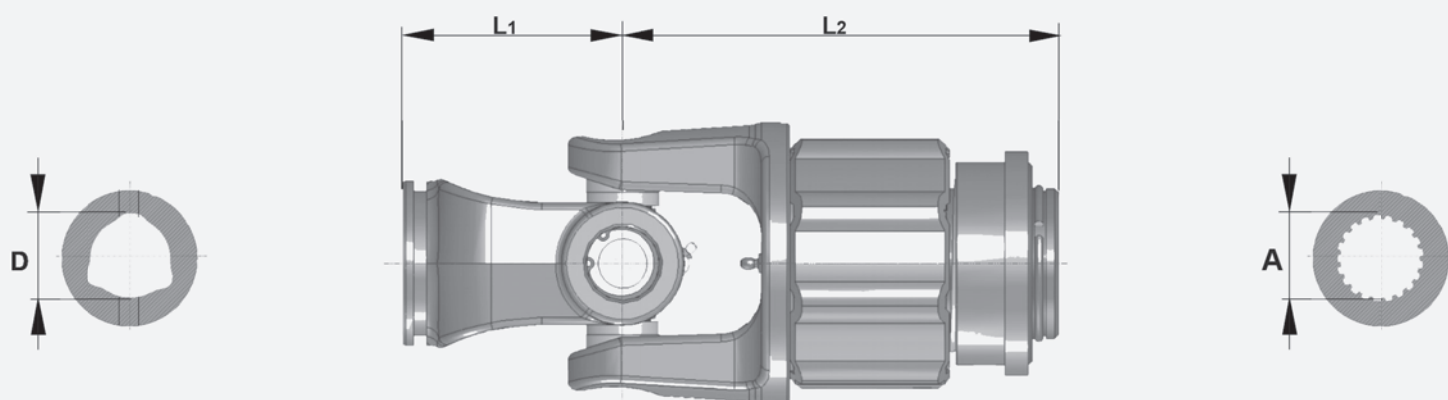
| SERIES<br>SERIE | CROSS KIT SIZE<br>KREUTZGRÖSSE | CODE<br>KODE   | A          | D    | L <sub>1</sub> | L <sub>2</sub> |
|-----------------|--------------------------------|----------------|------------|------|----------------|----------------|
| 1               | 22X54                          | 2TKD1.913.702  | 1 3/8" Z21 | 36   | 92             | 138            |
| 2               | 24X62                          | 2TKD2.913.704  | 1 3/8" Z21 | 43,5 | 92             | 138            |
| 3               | 27X75                          | 2TKD3.913.704  | 1 3/8" Z21 | 43,5 | 90             | 150            |
| 4               | 27X82                          | 2TKD4.913.707  | 1 3/8" Z21 | 51,5 | 118            | 150            |
| 45              | 30X80                          | 2TKD45.913.707 | 1 3/8" Z21 | 51,5 | 96             | 173            |
| 5               | 30X92                          | 2TKD5.913.708  | 1 3/8" Z21 | 54   | 108            | 173            |
| 6               | 30X106                         | 2TKD6.917.708  | 1 3/8" Z21 | 54   | 110            | 185            |
| 7               | 35X106                         | 2TKD7.917.710  | 1 3/8" Z21 | 63   | 112,5          | 187,5          |
| 8               | 41X118                         | 2TKD8.917.710  | 1 3/8" Z21 | 63   | 137            | 187,5          |

# OVERRUNNING CLUTCH COMPLETSET WITH CROSS KIT

## KOMPLETTSATZ DER STERNRATCHENKUPPLUNG MIT KREUTZGELENKEN



| SERIES | CROSS KIT SIZE | CODE          | ROW   |   | A         | D    | L <sub>1</sub> | L <sub>2</sub> |
|--------|----------------|---------------|-------|---|-----------|------|----------------|----------------|
| SERIE  | KREUTZGRÖSSE   | KODE          | REIHE |   |           |      |                |                |
| 1      | 22X54          | 2TKD1.930.702 | 1     | 1 | 1 3/8" Z6 | 36   | 92             | 136            |
| 2      | 24X62          | 2TKD2.930.704 | 1     | 1 | 1 3/8" Z6 | 43,5 | 92             | 136            |
| 1      | 22X54          | 2TKD1.933.702 | 2     | 2 | 1 3/8" Z6 | 36   | 92             | 152            |
| 2      | 24X62          | 2TKD2.933.704 | 2     | 2 | 1 3/8" Z6 | 43,5 | 92             | 152            |
| 3      | 27X75          | 2TKD3.930.704 | 2     | 2 | 1 3/8" Z6 | 43,5 | 90             | 167            |
| 4      | 27X82          | 2TKD4.933.707 | 2     | 2 | 1 3/8" Z6 | 51,5 | 118            | 167            |
| 45     | 30X80          | 2TKD4.933.707 | 2     | 2 | 1 3/8" Z6 | 51,5 | 96             | 175            |
| 5      | 30X92          | 2TKD5.933.708 | 2     | 2 | 1 3/8" Z6 | 54   | 108            | 175            |
| 3      | 27X75          | 2TKD3.938.704 | 3     | 3 | 1 3/8" Z6 | 43,5 | 90             | 187            |
| 4      | 27X82          | 2TKD4.938.707 | 3     | 3 | 1 3/8" Z6 | 51,5 | 118            | 187            |
| 45     | 30X80          | 2TKD4.938.707 | 3     | 3 | 1 3/8" Z6 | 51,5 | 96             | 195            |
| 5      | 30X92          | 2TKD5.938.708 | 3     | 3 | 1 3/8" Z6 | 54   | 108            | 195            |
| 6      | 30X106         | 2TKD6.940.708 | 3     | 3 | 1 3/8" Z6 | 54   | 110            | 200            |
| 5      | 30X92          | 2TKD5.942.708 | 4     | 4 | 1 3/8" Z6 | 54   | 108            | 215            |
| 6      | 30X106         | 2TKD6.942.708 | 4     | 4 | 1 3/8" Z6 | 54   | 110            | 220            |
| 7      | 35X106         | 2TKD7.942.710 | 4     | 4 | 1 3/8" Z6 | 63   | 112,5          | 225            |
| 8      | 41X118         | 2TKD8.942.710 | 4     | 4 | 1 3/8" Z6 | 63   | 137            | 225            |

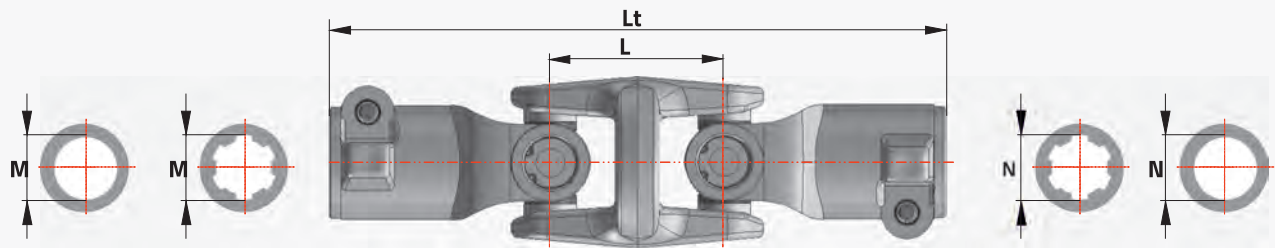


| SERIES | CROSS KIT SIZE | CODE          | ROW   |   | A          | D    | L <sub>1</sub> | L <sub>2</sub> |
|--------|----------------|---------------|-------|---|------------|------|----------------|----------------|
| SERIE  | KREUTZGRÖSSE   | KODE          | REIHE |   |            |      |                |                |
| 1      | 22X54          | 2TKD1.931.702 | 1     | 1 | 1 3/8" Z21 | 36   | 92             | 136            |
| 2      | 24X62          | 2TKD2.931.704 | 1     | 1 | 1 3/8" Z21 | 43,5 | 92             | 136            |
| 1      | 22X54          | 2TKD1.934.702 | 2     | 2 | 1 3/8" Z21 | 36   | 92             | 152            |
| 2      | 24X62          | 2TKD2.934.704 | 2     | 2 | 1 3/8" Z21 | 43,5 | 92             | 152            |
| 3      | 27X75          | 2TKD3.934.704 | 2     | 2 | 1 3/8" Z21 | 43,5 | 90             | 167            |
| 4      | 27X82          | 2TKD4.934.707 | 2     | 2 | 1 3/8" Z21 | 51,5 | 118            | 167            |
| 45     | 30X80          | 2TKD4.934.707 | 2     | 2 | 1 3/8" Z21 | 51,5 | 96             | 175            |
| 5      | 30X92          | 2TKD5.934.708 | 2     | 2 | 1 3/8" Z21 | 54   | 108            | 175            |
| 3      | 27X75          | 2TKD3.939.704 | 3     | 3 | 1 3/8" Z21 | 43,5 | 90             | 187            |
| 4      | 27X82          | 2TKD4.939.707 | 3     | 3 | 1 3/8" Z21 | 51,5 | 118            | 187            |
| 45     | 30X80          | 2TKD4.939.707 | 3     | 3 | 1 3/8" Z21 | 51,5 | 96             | 195            |
| 5      | 30X92          | 2TKD5.939.708 | 3     | 3 | 1 3/8" Z21 | 54   | 108            | 195            |
| 6      | 30X106         | 2TKD6.941.708 | 3     | 3 | 1 3/8" Z21 | 54   | 110            | 200            |
| 5      | 30X92          | 2TKD5.943.708 | 4     | 4 | 1 3/8" Z21 | 54   | 108            | 215            |
| 6      | 30X106         | 2TKD6.943.708 | 4     | 4 | 1 3/8" Z21 | 54   | 110            | 220            |
| 7      | 35X106         | 2TKD7.943.710 | 4     | 4 | 1 3/8" Z21 | 63   | 112,5          | 225            |
| 8      | 41X118         | 2TKD8.943.710 | 4     | 4 | 1 3/8" Z21 | 63   | 137            | 225            |

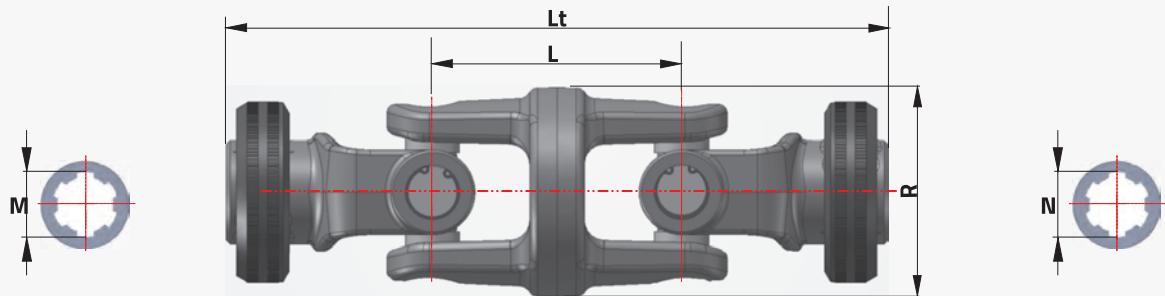


DOUBLE JOINT WITH 2 CROSS KITS / DOUBLE YOKE

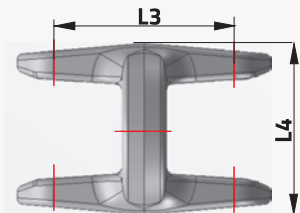
DOPPELSEITIGE ZWISCHENSCHAFT MIT 2 KREUTZGELENKEN / DOPPELGABEL



| SERIES<br>SERIE | CROSS KIT SIZE<br>KREUTZGRÖSSE | CODE<br>KODE | M        | N        | L (MM) | Lt (MM) |
|-----------------|--------------------------------|--------------|----------|----------|--------|---------|
| 1               | 22X54                          | 2ÇI1.101.101 | 1 3/8"Z8 | 1 3/8"Z8 | 41     | 225     |
| 1               | 22X54                          | 2ÇI1.101.102 | 1 3/8"Z8 | 1 3/8"Z8 | 41     | 225     |
| 1               | 22X54                          | 2ÇI1.101.103 | 1 3/8"Z8 | 1 3/8"Z8 | 41     | 225     |
| 1               | 22X54                          | 2ÇI1.525.525 | M8       | M8       | 41     | 225     |
| 2               | 24X62                          | 2ÇI2.101.101 | 1 3/8"Z8 | 1 3/8"Z8 | 66     | 266     |
| 2               | 24X62                          | 2ÇI2.101.101 | 1 3/8"Z8 | 1 3/8"Z8 | 66     | 266     |
| 2               | 24X62                          | 2ÇI2.101.101 | 1 3/8"Z8 | 1 3/8"Z8 | 66     | 266     |
| 2               | 24X62                          | 2ÇI2.525.525 | M8       | M8       | 66     | 266     |



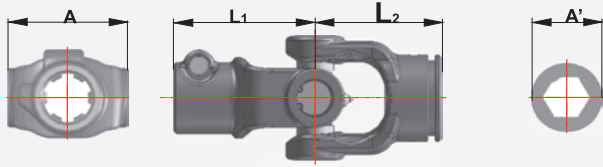
| SERIES<br>SERIE | CROSS KIT SIZE<br>KREUTZGRÖSSE | CODE<br>KODE  | M         | N         | R (MM) | L (MM) | Lt (MM) |
|-----------------|--------------------------------|---------------|-----------|-----------|--------|--------|---------|
| 4               | 27X82                          | 2ÇI4.601.601  | 1 3/8"Z6  | 1 3/8"Z6  | 100    | 142    | 378     |
| 4               | 27X82                          | 2ÇI4.602.602  | 1 3/8"Z21 | 1 3/8"Z21 | 100    | 142    | 378     |
| 45              | 30X80                          | 2ÇI45.601.601 | 1 3/8"Z6  | 1 3/8"Z6  | 100    | 148    | 374     |
| 45              | 30X80                          | 2ÇI45.602.602 | 1 3/8"Z21 | 1 3/8"Z21 | 100    | 148    | 374     |
| 5               | 30X92                          | 2ÇI5.601.601  | 1 3/8"Z6  | 1 3/8"Z6  | 100    | 148    | 384     |
| 5               | 30X92                          | 2ÇI5.602.602  | 1 3/8"Z21 | 1 3/8"Z21 | 100    | 148    | 384     |
| 6               | 30X106                         | 2ÇI6.601.601  | 1 3/8"Z6  | 1 3/8"Z6  | 100    | 152    | 404     |
| 6               | 30X106                         | 2ÇI6.602.602  | 1 3/8"Z21 | 1 3/8"Z21 | 100    | 152    | 404     |
| 7               | 35X106                         | 2ÇI7.601.601  | 1 3/8"Z6  | 1 3/8"Z6  | 100    | 163    | 419     |
| 7               | 35X106                         | 2ÇI7.602.602  | 1 3/8"Z21 | 1 3/8"Z21 | 100    | 163    | 419     |



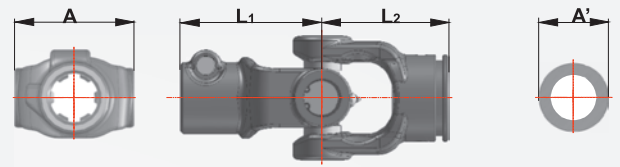
| SERIES<br>SERIE | CROSS KIT SIZE<br>KREUTZGRÖSSE | CODE<br>KODE | L 3 (MM) | L 4 (MM) |
|-----------------|--------------------------------|--------------|----------|----------|
| 1               | 22X54                          | 149.ÇI1.101  | 41       | 62       |
| 2               | 24X62                          | 149.ÇI1.102  | 66       | 72       |
| 3               | 27X75                          | 149.ÇI1.103  | 75       | 104      |
| 5               | 30X92                          | 149.ÇI1.105  | 87       | 112      |

# GELENKWELLEN-EINZELTEILEH-TYPE

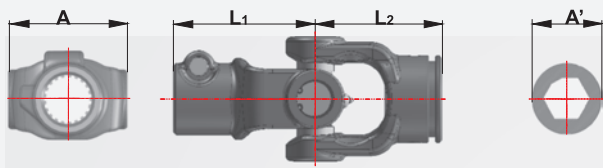
## SINGLE JOINT H - TYPE



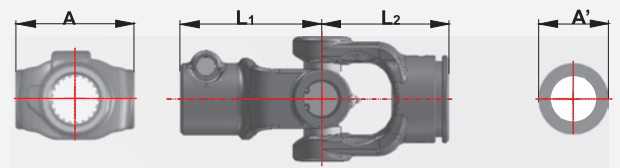
| SERIES<br>SERIE | CROSS KIT SIZES<br>KREUTZGRÖSSEN | CODE<br>KODE   | A         | D  | L1  | L2    |
|-----------------|----------------------------------|----------------|-----------|----|-----|-------|
| 1               | 22X54                            | 2TKE1.101.701  | 1 3/8" Z6 | 29 | 92  | 92    |
| 2               | 24X62                            | 2TKE2.101.702  | 1 3/8" Z6 | 36 | 100 | 92    |
| 3               | 27X75                            | 2TKE3.101.703  | 1 3/8" Z6 | 36 | 107 | 90    |
| 4               | 27X892                           | 2TKE4.101.705  | 1 3/8" Z6 | 45 | 109 | 118   |
| 45              | 30X80                            | 2TKE45.101.705 | 1 3/8" Z6 | 45 | 113 | 96    |
| 5               | 30X92                            | 2TKE5.101.706  | 1 3/8" Z6 | 45 | 118 | 108   |
| 6               | 30X106                           | 2TKE6.101.706  | 1 3/8" Z6 | 45 | 126 | 110   |
| 7               | 35X106                           | 2TKE7.101.709  | 1 3/8" Z6 | 54 | 128 | 112,5 |
| 8               | 41X118                           | 2TKE8.101.709  | 1 3/8" Z6 | 54 | 135 | 137   |



| SERIES<br>SERIE | CROSS KIT SIZES<br>KREUTZGRÖSSEN | CODE<br>KODE   | A         | D    | L1  | L2    |
|-----------------|----------------------------------|----------------|-----------|------|-----|-------|
| 1               | 22X54                            | 2TKD1.101.702  | 1 3/8" Z6 | 36   | 92  | 92    |
| 2               | 24X62                            | 2TKD2.101.704  | 1 3/8" Z6 | 43,5 | 100 | 92    |
| 3               | 27X75                            | 2TKD3.101.704  | 1 3/8" Z6 | 43,5 | 107 | 90    |
| 4               | 27X892                           | 2TKD4.101.707  | 1 3/8" Z6 | 51,5 | 109 | 118   |
| 45              | 30X80                            | 2TKD45.101.707 | 1 3/8" Z6 | 51,5 | 113 | 96    |
| 5               | 30X92                            | 2TKD5.101.708  | 1 3/8" Z6 | 54   | 118 | 108   |
| 6               | 30X106                           | 2TKD6.101.708  | 1 3/8" Z6 | 54   | 126 | 110   |
| 7               | 35X106                           | 2TKD7.101.710  | 1 3/8" Z6 | 63   | 128 | 112,5 |
| 8               | 41X118                           | 2TKD8.101.710  | 1 3/8" Z6 | 63   | 135 | 137   |



| SERIES<br>SERIE | CROSS KIT SIZES<br>KREUTZGRÖSSEN | CODE<br>KODE   | A          | D  | L1  | L2    |
|-----------------|----------------------------------|----------------|------------|----|-----|-------|
| 1               | 22X54                            | 2TKE1.102.701  | 1 3/8" Z21 | 29 | 92  | 92    |
| 2               | 24X62                            | 2TKE2.102.702  | 1 3/8" Z21 | 36 | 100 | 92    |
| 3               | 27X75                            | 2TKE3.102.703  | 1 3/8" Z21 | 36 | 107 | 90    |
| 4               | 27X892                           | 2TKE4.102.705  | 1 3/8" Z21 | 45 | 109 | 118   |
| 45              | 30X80                            | 2TKE45.102.705 | 1 3/8" Z21 | 45 | 113 | 96    |
| 5               | 30X92                            | 2TKE5.102.706  | 1 3/8" Z21 | 45 | 118 | 108   |
| 6               | 30X106                           | 2TKE6.102.706  | 1 3/8" Z21 | 45 | 126 | 110   |
| 7               | 35X106                           | 2TKE7.102.709  | 1 3/8" Z21 | 54 | 128 | 112,5 |
| 8               | 41X118                           | 2TKE8.102.709  | 1 3/8" Z21 | 54 | 135 | 137   |



| SERIES<br>SERIE | CROSS KIT SIZES<br>KREUTZGRÖSSEN | CODE<br>KODE   | A          | D    | L1  | L2    |
|-----------------|----------------------------------|----------------|------------|------|-----|-------|
| 1               | 22X54                            | 2TKD1.102.702  | 1 3/8" Z21 | 36   | 92  | 92    |
| 2               | 24X62                            | 2TKD2.102.704  | 1 3/8" Z21 | 43,5 | 100 | 92    |
| 3               | 27X75                            | 2TKD3.102.704  | 1 3/8" Z21 | 43,5 | 107 | 90    |
| 4               | 27X892                           | 2TKD4.102.707  | 1 3/8" Z21 | 51,5 | 109 | 118   |
| 45              | 30X80                            | 2TKD45.102.707 | 1 3/8" Z21 | 51,5 | 113 | 96    |
| 5               | 30X92                            | 2TKD5.102.708  | 1 3/8" Z21 | 54   | 118 | 108   |
| 6               | 30X106                           | 2TKD6.102.708  | 1 3/8" Z21 | 54   | 126 | 110   |
| 7               | 35X106                           | 2TKD7.102.710  | 1 3/8" Z21 | 63   | 128 | 112,5 |
| 8               | 41X118                           | 2TKD8.102.710  | 1 3/8" Z21 | 63   | 135 | 137   |



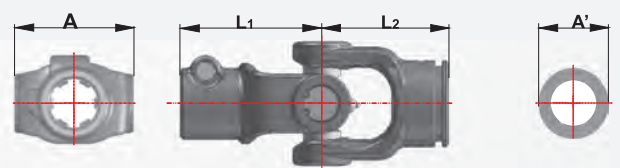
| SERIES<br>SERIE | CROSS KIT SIZES<br>KREUTZGRÖSSEN | CODE<br>KODE  | A         | D    | L1  | L2 |
|-----------------|----------------------------------|---------------|-----------|------|-----|----|
| 1               | 22X54                            | 2TKD1.103.702 | 1 1/8" Z6 | 29   | 92  | 92 |
| 2               | 24X62                            | 2TKD2.103.704 | 1 1/8" Z6 | 43,5 | 100 | 92 |



| SERIES<br>SERIE | CROSS KIT SIZES<br>KREUTZGRÖSSEN | CODE<br>KODE  | A         | D  | L1  | L2 |
|-----------------|----------------------------------|---------------|-----------|----|-----|----|
| 1               | 22X54                            | 2TKE1.103.701 | 1 1/8" Z6 | 29 | 92  | 92 |
| 2               | 24X62                            | 2TKE2.103.702 | 1 1/8" Z6 | 36 | 100 | 92 |



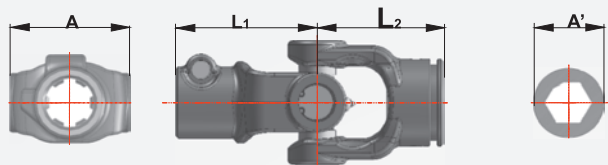
| SERIES<br>SERIE | CROSS KIT SIZES<br>KREUTZGRÖSSEN | CODE<br>KODE   | A         | D  | L1  | L2    |
|-----------------|----------------------------------|----------------|-----------|----|-----|-------|
| 45              | 30X80                            | 2TKE45.104.803 | 1 3/4" Z6 | 45 | 113 | 96    |
| 5               | 30X92                            | 2TKE5.104.803  | 1 3/4" Z6 | 45 | 118 | 108   |
| 6               | 30X106                           | 2TKE6.104.803  | 1 3/4" Z6 | 45 | 126 | 110   |
| 7               | 35X106                           | 2TKE7.104.803  | 1 3/4" Z6 | 54 | 128 | 112,5 |
| 8               | 41X118                           | 2TKE8.104.803  | 1 3/4" Z6 | 54 | 135 | 137   |



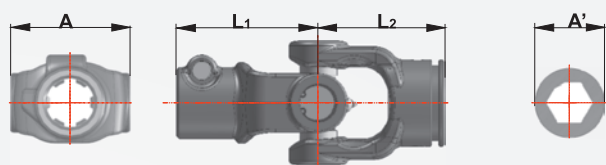
| SERIES<br>SERIE | CROSS KIT SIZES<br>KREUTZGRÖSSEN | CODE<br>KODE   | A         | D  | L1  | L2    |
|-----------------|----------------------------------|----------------|-----------|----|-----|-------|
| 45              | 30X80                            | 2TKD45.104.804 | 1 3/4" Z6 | 54 | 113 | 96    |
| 5               | 30X92                            | 2TKD5.104.804  | 1 3/4" Z6 | 54 | 118 | 108   |
| 6               | 30X106                           | 2TKD6.104.804  | 1 3/4" Z6 | 54 | 126 | 110   |
| 7               | 35X106                           | 2TKD7.104.804  | 1 3/4" Z6 | 63 | 128 | 112,5 |
| 8               | 41X118                           | 2TKD8.104.804  | 1 3/4" Z6 | 63 | 135 | 137   |

# SINGLE JOINT T - TYPE

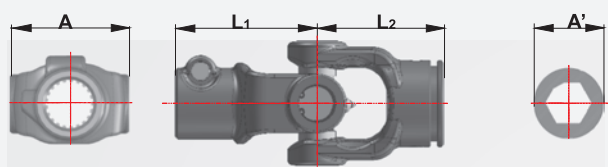
## Gelenkwellen - Einzelteile T - Type



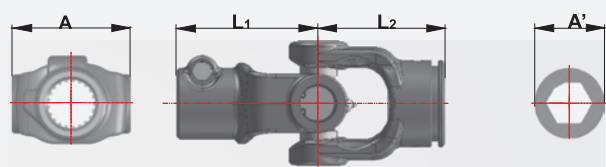
| SERIES<br>SERIE | CROSS KIT SIZES<br>KREUTZGRÖSSEN | CODE<br>KODE   | A         | D  | L1  | L2    |
|-----------------|----------------------------------|----------------|-----------|----|-----|-------|
| 1               | 22X54                            | 2TKE1.101.701  | 1 3/8" Z6 | 29 | 92  | 92    |
| 2               | 24X62                            | 2TKE2.101.702  | 1 3/8" Z6 | 36 | 100 | 92    |
| 3               | 27X75                            | 2TKE3.101.703  | 1 3/8" Z6 | 36 | 107 | 90    |
| 4               | 27X892                           | 2TKE4.101.705  | 1 3/8" Z6 | 45 | 109 | 118   |
| 45              | 30X80                            | 2TKE45.101.705 | 1 3/8" Z6 | 45 | 113 | 96    |
| 5               | 30X92                            | 2TKE5.101.706  | 1 3/8" Z6 | 45 | 118 | 108   |
| 6               | 30X106                           | 2TKE6.101.706  | 1 3/8" Z6 | 45 | 126 | 110   |
| 7               | 35X106                           | 2TKE7.101.709  | 1 3/8" Z6 | 54 | 128 | 112,5 |
| 8               | 41X118                           | 2TKE8.101.709  | 1 3/8" Z6 | 54 | 135 | 137   |



| SERIES<br>SERIE | CROSS KIT SIZES<br>KREUTZGRÖSSEN | CODE<br>KODE   | A         | D    | L1  | L2    |
|-----------------|----------------------------------|----------------|-----------|------|-----|-------|
| 1               | 22X54                            | 2TKD1.101.702  | 1 3/8" Z6 | 36   | 92  | 92    |
| 2               | 24X62                            | 2TKD2.101.704  | 1 3/8" Z6 | 43,5 | 100 | 92    |
| 3               | 27X75                            | 2TKD3.101.704  | 1 3/8" Z6 | 43,5 | 107 | 90    |
| 4               | 27X892                           | 2TKD4.101.707  | 1 3/8" Z6 | 51,5 | 109 | 118   |
| 45              | 30X80                            | 2TKD45.101.707 | 1 3/8" Z6 | 51,5 | 113 | 96    |
| 5               | 30X92                            | 2TKD5.101.708  | 1 3/8" Z6 | 54   | 118 | 108   |
| 6               | 30X106                           | 2TKD6.101.708  | 1 3/8" Z6 | 54   | 126 | 110   |
| 7               | 35X106                           | 2TKD7.101.710  | 1 3/8" Z6 | 63   | 128 | 112,5 |
| 8               | 41X118                           | 2TKD8.101.710  | 1 3/8" Z6 | 63   | 135 | 137   |



| SERIES<br>SERIE | CROSS KIT SIZES<br>KREUTZGRÖSSEN | CODE<br>KODE   | A          | D  | L1  | L2    |
|-----------------|----------------------------------|----------------|------------|----|-----|-------|
| 1               | 22X54                            | 2TKE1.102.701  | 1 3/8" Z21 | 29 | 92  | 92    |
| 2               | 24X62                            | 2TKE2.102.702  | 1 3/8" Z21 | 36 | 100 | 92    |
| 3               | 27X75                            | 2TKE3.102.703  | 1 3/8" Z21 | 36 | 107 | 90    |
| 4               | 27X892                           | 2TKE4.102.705  | 1 3/8" Z21 | 45 | 109 | 118   |
| 45              | 30X80                            | 2TKE45.102.705 | 1 3/8" Z21 | 45 | 113 | 96    |
| 5               | 30X92                            | 2TKE5.102.706  | 1 3/8" Z21 | 45 | 118 | 108   |
| 6               | 30X106                           | 2TKE6.102.706  | 1 3/8" Z21 | 45 | 126 | 110   |
| 7               | 35X106                           | 2TKE7.102.709  | 1 3/8" Z21 | 54 | 128 | 112,5 |
| 8               | 41X118                           | 2TKE8.102.709  | 1 3/8" Z21 | 54 | 135 | 137   |



| SERIES<br>SERIE | CROSS KIT SIZES<br>KREUTZGRÖSSEN | CODE<br>KODE   | A          | D    | L1  | L2    |
|-----------------|----------------------------------|----------------|------------|------|-----|-------|
| 1               | 22X54                            | 2TKD1.102.702  |            | 36   | 92  | 92    |
| 2               | 24X62                            | 2TKD2.102.704  | 1 3/8" Z21 | 43,5 | 100 | 92    |
| 3               | 27X75                            | 2TKD3.102.704  | 1 3/8" Z21 | 43,5 | 107 | 90    |
| 4               | 27X892                           | 2TKD4.102.707  | 1 3/8" Z21 | 51,5 | 109 | 118   |
| 45              | 30X80                            | 2TKD45.102.707 | 1 3/8" Z21 | 51,5 | 113 | 96    |
| 5               | 30X92                            | 2TKD5.102.708  | 1 3/8" Z21 | 54   | 118 | 108   |
| 6               | 30X106                           | 2TKD6.102.708  | 1 3/8" Z21 | 54   | 126 | 110   |
| 7               | 35X106                           | 2TKD7.102.710  | 1 3/8" Z21 | 63   | 128 | 112,5 |
| 8               | 41X118                           | 2TKD8.102.710  | 1 3/8" Z21 | 63   | 135 | 137   |



| SERIES<br>SERIE | CROSS KIT SIZES<br>KREUTZGRÖSSEN | CODE<br>KODE  | A         | D    | L1  | L2 |
|-----------------|----------------------------------|---------------|-----------|------|-----|----|
| 1               | 22X54                            | 2TKD1.103.702 | 1 1/8" Z6 | 29   | 92  | 92 |
| 2               | 24X62                            | 2TKD2.103.704 | 1 1/8" Z6 | 43,5 | 100 | 92 |



| SERIES<br>SERIE | CROSS KIT SIZES<br>KREUTZGRÖSSEN | CODE<br>KODE  | A         | D  | L1  | L2 |
|-----------------|----------------------------------|---------------|-----------|----|-----|----|
| 1               | 22X54                            | 2TKE1.103.701 | 1 1/8" Z6 | 29 | 92  | 92 |
| 2               | 24X62                            | 2TKE2.103.702 | 1 1/8" Z6 | 36 | 100 | 92 |



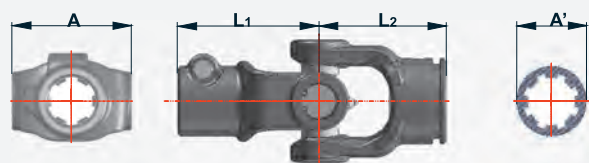
| SERIES<br>SERIE | CROSS KIT SIZES<br>KREUTZGRÖSSEN | CODE<br>KODE   | A         | D  | L1  | L2    |
|-----------------|----------------------------------|----------------|-----------|----|-----|-------|
| 45              | 30X80                            | 2TKE45.104.705 | 1 3/4" Z6 | 45 | 113 | 96    |
| 5               | 30X92                            | 2TKE5.104.706  | 1 3/4" Z6 | 45 | 118 | 108   |
| 6               | 30X106                           | 2TKE6.104.706  | 1 3/4" Z6 | 45 | 126 | 110   |
| 7               | 35X106                           | 2TKE7.104.709  | 1 3/4" Z6 | 54 | 128 | 112,5 |
| 8               | 41X118                           | 2TKE8.104.709  | 1 3/4" Z6 | 54 | 135 | 137   |



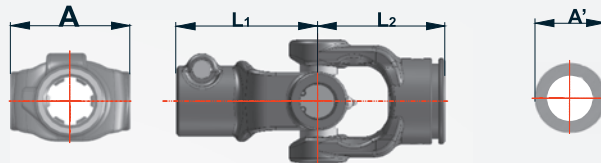
| SERIES<br>SERIE | CROSS KIT SIZES<br>KREUTZGRÖSSEN | CODE<br>KODE   | A         | D  | L1  | L2    |
|-----------------|----------------------------------|----------------|-----------|----|-----|-------|
| 45              | 30X80                            | 2TKD45.104.707 | 1 3/4" Z6 | 54 | 113 | 96    |
| 5               | 30X92                            | 2TKD5.104.708  | 1 3/4" Z6 | 54 | 118 | 108   |
| 6               | 30X106                           | 2TKD6.104.708  | 1 3/4" Z6 | 54 | 126 | 110   |
| 7               | 35X106                           | 2TKD7.104.710  | 1 3/4" Z6 | 63 | 128 | 112,5 |
| 8               | 41X118                           | 2TKD8.104.710  | 1 3/4" Z6 | 63 | 135 | 137   |

# SINGLE JOINT F - TYPE

## GELENKWELLEN - EINZELTEILE F - TYPE

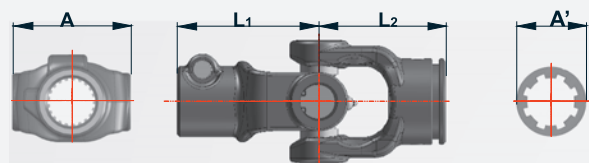


13/8"Z6

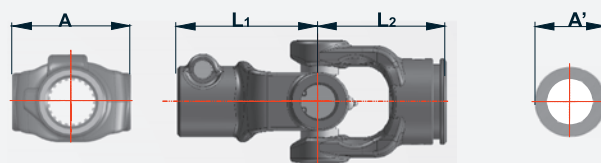


| SERIES<br>SERIE | CROSS KIT SIZES<br>KREUTZGRÖSSEN | CODE<br>KODE  | A         | A' | L1  | L2    |
|-----------------|----------------------------------|---------------|-----------|----|-----|-------|
| 6               | 30X106                           | 2TKE6.101.805 | 1 3/8" Z6 | 44 | 126 | 110   |
| 7               | 35X106                           | 2TKE7.101.805 | 1 3/8" Z6 | 44 | 128 | 112,5 |
| 8               | 41X118                           | 2TKE8.101.805 | 1 3/8" Z6 | 44 | 135 | 137   |

| SERIES<br>SERIE | CROSS KIT SIZES<br>KREUTZGRÖSSEN | CODE<br>KODE  | A         | A' | L1  | L2    |
|-----------------|----------------------------------|---------------|-----------|----|-----|-------|
| 6               | 30X106                           | 2TKD6.101.806 | 1 3/8" Z6 | 44 | 126 | 110   |
| 7               | 35X106                           | 2TKD7.101.806 | 1 3/8" Z6 | 44 | 128 | 112,5 |
| 8               | 41X118                           | 2TKD8.101.806 | 1 3/8" Z6 | 44 | 135 | 137   |

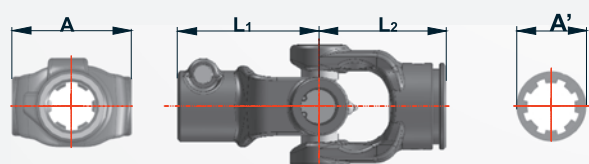


13/8"Z21

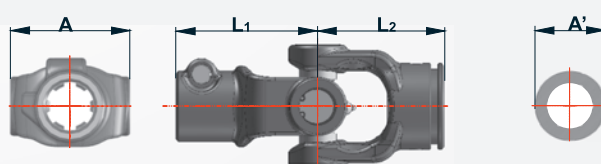


| SERIES<br>SERIE | CROSS KIT SIZES<br>KREUTZGRÖSSEN | CODE<br>KODE  | A          | A' | L1  | L2    |
|-----------------|----------------------------------|---------------|------------|----|-----|-------|
| 6               | 30X106                           | 2TKE6.102.805 | 1 3/8" Z21 | 44 | 126 | 110   |
| 7               | 35X106                           | 2TKE7.102.805 | 1 3/8" Z21 | 44 | 128 | 112,5 |
| 8               | 41X118                           | 2TKE8.102.805 | 1 3/8" Z21 | 44 | 135 | 137   |

| SERIES<br>SERIE | CROSS KIT SIZES<br>KREUTZGRÖSSEN | CODE<br>KODE  | A          | A' | L1  | L2    |
|-----------------|----------------------------------|---------------|------------|----|-----|-------|
| 6               | 30X106                           | 2TKD6.102.806 | 1 3/8" Z21 | 44 | 126 | 110   |
| 7               | 35X106                           | 2TKD7.102.806 | 1 3/8" Z21 | 44 | 128 | 112,5 |
| 8               | 41X118                           | 2TKD8.102.806 | 1 3/8" Z21 | 44 | 135 | 137   |



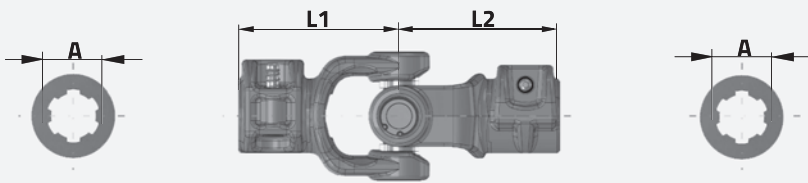
13/4"Z6



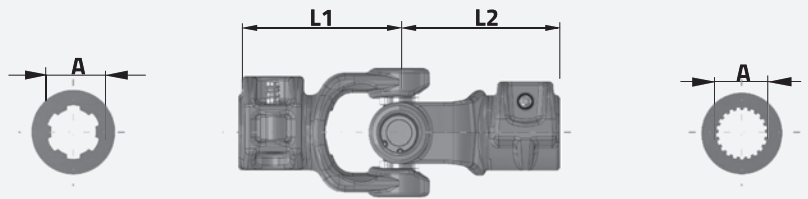
| SERIES<br>SERIE | CROSS KIT SIZES<br>KREUTZGRÖSSEN | CODE<br>KODE  | A         | A' | L1  | L2    |
|-----------------|----------------------------------|---------------|-----------|----|-----|-------|
| 6               | 30X106                           | 2TKE6.104.805 | 1 3/4" Z6 | 44 | 126 | 110   |
| 7               | 35X106                           | 2TKE7.104.805 | 1 3/4" Z6 | 44 | 128 | 112,5 |
| 8               | 41X118                           | 2TKE8.104.805 | 1 3/4" Z6 | 44 | 135 | 137   |

| SERIES<br>SERIE | CROSS KIT SIZES<br>KREUTZGRÖSSEN | CODE<br>KODE  | A         | A' | L1  | L2    |
|-----------------|----------------------------------|---------------|-----------|----|-----|-------|
| 6               | 30X106                           | 2TKD6.104.806 | 1 3/4" Z6 | 44 | 126 | 110   |
| 7               | 35X106                           | 2TKD7.104.806 | 1 3/4" Z6 | 44 | 128 | 112,5 |
| 8               | 41X118                           | 2TKD8.104.806 | 1 3/4" Z6 | 44 | 135 | 137   |

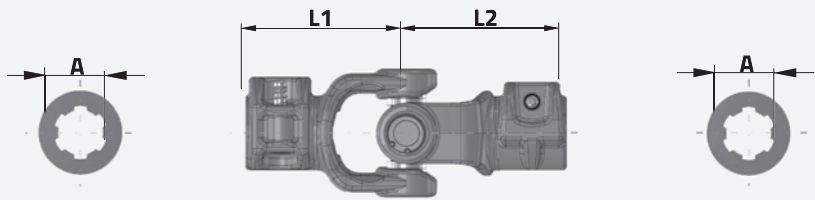
**DOUBLE JOINT WITH BOTH SIDE SPLINED PUSH PIN YOKE**  
**DOPPELSEITIGE GELENKWELLE MIT BEIDSEITIGER SCHIEBESTIFTGABEL**



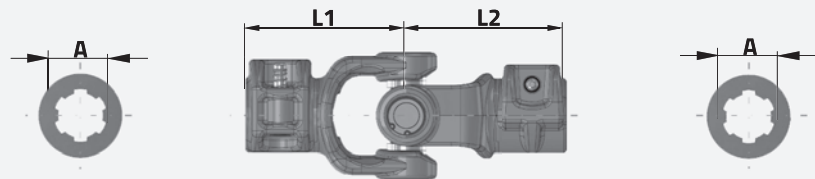
| SERIES<br>SERIE | CROSS KIT SIZE<br>KREUTZGRÖSSE | CODE<br>KODE   | A        | A'       | L 1 | L 2 |
|-----------------|--------------------------------|----------------|----------|----------|-----|-----|
| 1               | 22X54                          | 2TKM1.101.101  | 1 3/8"Z6 | 1 3/8"Z6 | 92  | 92  |
| 2               | 22X62                          | 2TKM2.101.101  | 1 3/8"Z6 | 1 3/8"Z6 | 100 | 100 |
| 3               | 27X75                          | 2TKM3.101.101  | 1 3/8"Z6 | 1 3/8"Z6 | 107 | 107 |
| 4               | 27X82                          | 2TKM4.101.101  | 1 3/8"Z6 | 1 3/8"Z6 | 109 | 109 |
| 45              | 30X80                          | 2TKM45.101.101 | 1 3/8"Z6 | 1 3/8"Z6 | 113 | 113 |
| 5               | 30X92                          | 2TKM5.101.101  | 1 3/8"Z6 | 1 3/8"Z6 | 118 | 118 |
| 6               | 30X106                         | 2TKM6.101.101  | 1 3/8"Z6 | 1 3/8"Z6 | 126 | 126 |
| 7               | 35X106                         | 2TKM7.101.101  | 1 3/8"Z6 | 1 3/8"Z6 | 128 | 128 |
| 8               | 41X118                         | 2TKM8.101.101  | 1 3/8"Z6 | 1 3/8"Z6 | 135 | 135 |



| SERIES<br>SERIE | CROSS KIT SIZE<br>KREUTZGRÖSSE | CODE<br>KODE   | A        | A'        | L 1 | L 2 |
|-----------------|--------------------------------|----------------|----------|-----------|-----|-----|
| 1               | 22X54                          | 2TKM1.101.102  | 1 3/8"Z6 | 1 3/8"Z21 | 92  | 92  |
| 2               | 22X62                          | 2TKM2.101.102  | 1 3/8"Z6 | 1 3/8"Z21 | 100 | 100 |
| 3               | 27X75                          | 2TKM3.101.102  | 1 3/8"Z6 | 1 3/8"Z21 | 107 | 107 |
| 4               | 27X82                          | 2TKM4.101.102  | 1 3/8"Z6 | 1 3/8"Z21 | 109 | 109 |
| 45              | 30X80                          | 2TKM45.101.102 | 1 3/8"Z6 | 1 3/8"Z21 | 113 | 113 |
| 5               | 30X92                          | 2TKM5.101.102  | 1 3/8"Z6 | 1 3/8"Z21 | 118 | 118 |
| 6               | 30X106                         | 2TKM6.101.102  | 1 3/8"Z6 | 1 3/8"Z21 | 126 | 126 |
| 7               | 35X106                         | 2TKM7.101.102  | 1 3/8"Z6 | 1 3/8"Z21 | 128 | 128 |
| 8               | 41X118                         | 2TKM8.101.102  | 1 3/8"Z6 | 1 3/8"Z21 | 135 | 135 |



| SERIES<br>SERIE | CROSS KIT SIZE<br>KREUTZGRÖSSE | CODE<br>KODE  | A        | A'       | L 1 | L 2 |
|-----------------|--------------------------------|---------------|----------|----------|-----|-----|
| 1               | 22X54                          | 2TKM1.101.103 | 1 3/8"Z6 | 1 1/8"Z6 | 92  | 92  |
| 2               | 22X62                          | 2TKM2.101.103 | 1 3/8"Z6 | 1 1/8"Z6 | 100 | 100 |



| SERIES<br>SERIE | CROSS KIT SIZE<br>KREUTZGRÖSSE | CODE<br>KODE   | A        | A'       | L 1 | L 2 |
|-----------------|--------------------------------|----------------|----------|----------|-----|-----|
| 45              | 30X80                          | 2TKM45.101.104 | 1 3/8"Z6 | 1 3/4"Z6 | 113 | 113 |
| 5               | 30X92                          | 2TKM5.101.104  | 1 3/8"Z6 | 1 3/4"Z6 | 118 | 118 |
| 6               | 30X106                         | 2TKM6.101.104  | 1 3/8"Z6 | 1 3/4"Z6 | 126 | 126 |
| 7               | 35X106                         | 2TKM7.101.104  | 1 3/8"Z6 | 1 3/4"Z6 | 128 | 128 |
| 8               | 41X118                         | 2TKM8.101.104  | 1 3/8"Z6 | 1 3/4"Z6 | 135 | 135 |

# FLANGE YOKES

## FLANSCHGABEL

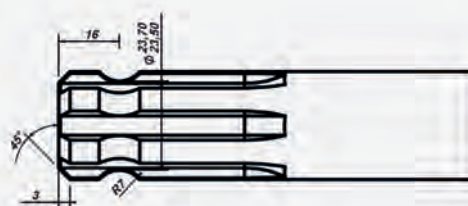
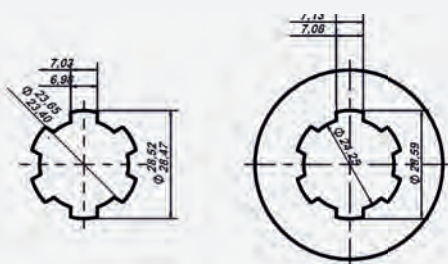
| SERIES<br>SERIE | CROSS SIZES<br>KREUTZGELENK | CODE<br>KOD | R 1 | R2    | D1   | D2 |  |
|-----------------|-----------------------------|-------------|-----|-------|------|----|--|
| 1               | 22X54                       | 103.100.101 | 120 | 100   | 52,5 | 8  |  |
| 2               | 23,8X61,3                   | 103.200.101 | 120 | 100   | 52,5 | 8  |  |
| 3               | 27X74,6                     | 103.300.101 | 150 | 132,5 | 60   | 8  |  |
| 4               | 27X82                       | 103.400.101 | 150 | 132,5 | 60   | 10 |  |
| 45              | 30,2X79,4                   | 103.450.101 | 183 | 163   | 53   | 10 |  |
| 5               | 30,2X91,4                   | 103.500.101 | 183 | 163   | 53   | 10 |  |
| 6               | 30X106                      | 103.600.101 | 199 | 173   | 53   | 10 |  |
| 7               | 35X106                      | 103.700.101 | 199 | 173   | 53   | 10 |  |
| 8               | 41X118                      | 103.800.101 | 199 | 173   | 53   | 10 |  |



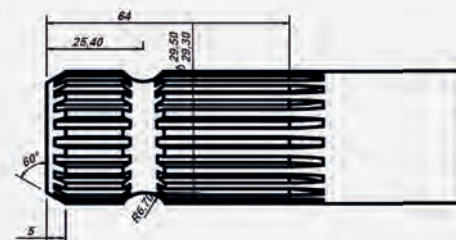
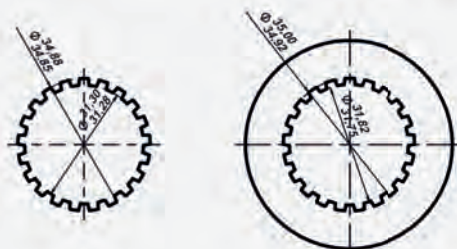
# POWER TAKE OFFS (PTO'S)

## PROFIELE

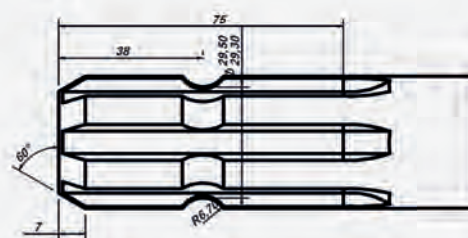
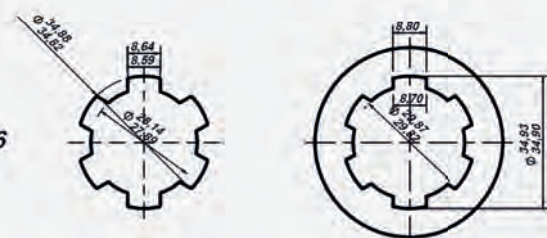
1 1/8" Z6



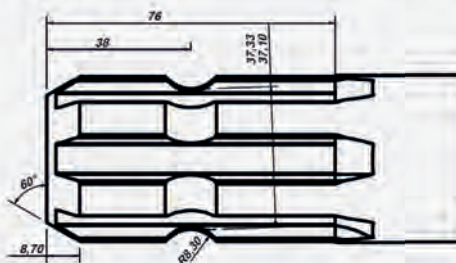
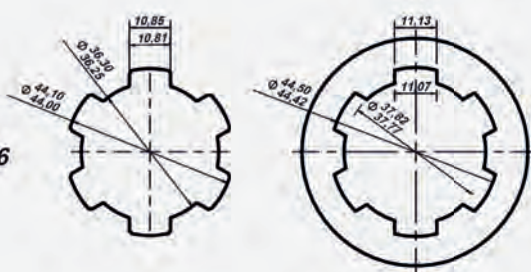
1 3/8" Z21



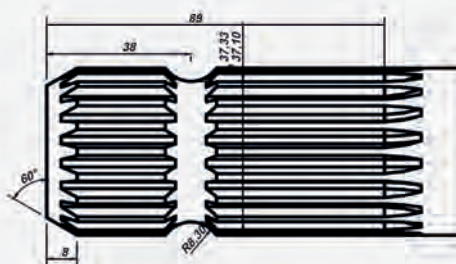
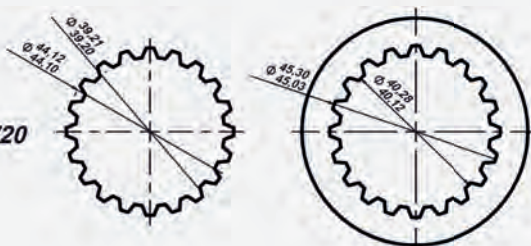
1 3/8" Z6



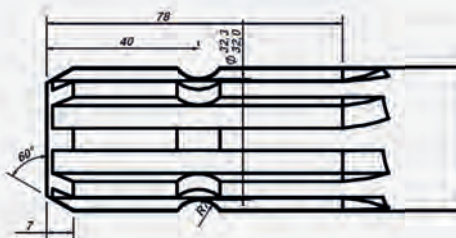
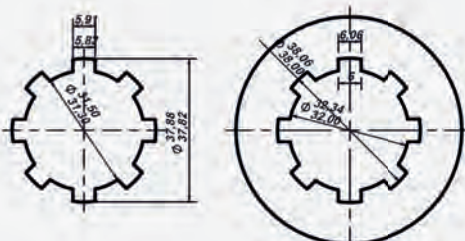
1 3/4" Z6



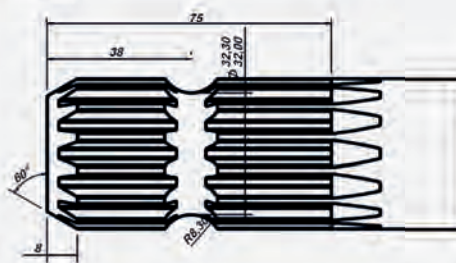
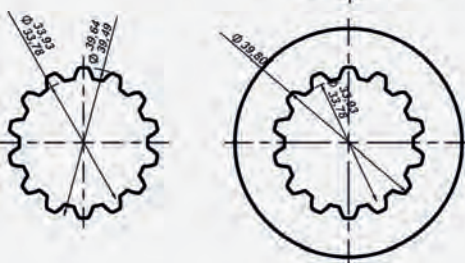
1 3/4" Z20



32x38x8



40x34x14



# PTO ADAPTER

## Gelenkwellenadapter

| CODE<br>KODE | A1        | A         | L1  | a  | b  | d  | g | ZEICHNUNG / DRAWING |
|--------------|-----------|-----------|-----|----|----|----|---|---------------------|
| 248.PTO.101  | -         | 1 3/8"Z6  | 142 | 25 | 48 | 10 | 8 |                     |
| 248.PTO.102  | -         | 1 3/8"Z6  | 142 | 30 | 54 | 10 | 8 |                     |
| 248.PTO.103  | -         | 1 3/8"Z6  | 142 | 35 | 64 | 12 | 8 |                     |
| 248.PTO.151  | 1 1/8"Z6  | 1 3/8"Z6  |     | -  | -  | -  | - |                     |
| 248.PTO.152  | 32X38X8   | 1 3/8"Z6  |     | -  | -  | -  | - |                     |
| 248.PTO.153  | 1 3/8"Z21 | 1 3/8"Z6  |     | -  | -  | -  | - |                     |
| 248.PTO.154  | 1 3/4"Z6  | 1 3/8"Z6  |     | -  | -  | -  | - |                     |
| 248.PTO.155  | 1 3/8"Z6  | 1 3/8"Z6  |     | -  | -  | -  | - |                     |
| 248.PTO.156  | 1 1/8"Z6  | 1 3/8"Z21 |     | -  | -  | -  | - |                     |
| 248.PTO.157  | 32X38X8   | 1 3/8"Z21 |     | -  | -  | -  | - |                     |
| 248.PTO.158  | 1 3/4"Z6  | 1 3/8"Z21 |     | -  | -  | -  | - |                     |
| 248.PTO.159  | 1 1/8"Z6  | 1 3/4"Z6  |     | -  | -  | -  | - |                     |
| 248.PTO.160  | 1 3/8"Z6  | 1 3/4"Z6  |     | -  | -  | -  | - |                     |
| 248.PTO.161  | 1 3/8"Z21 | 1 3/4"Z6  |     | -  | -  | -  | - |                     |
| 248.PTO.162  | 32X38X8   | 1 3/4"Z6  |     | -  | -  | -  | - |                     |
| 248.PTO.163  | 1 1/8"Z6  | 32X38X8   |     | -  | -  | -  | - |                     |
| 248.PTO.164  | 1 3/8"Z6  | 32X38X8   |     | -  | -  | -  | - |                     |
| 248.PTO.165  | 1 3/8"Z21 | 32X38X8   |     | -  | -  | -  | - |                     |
| 248.PTO.166  | 1 3/4"Z6  | 32X38X8   |     | -  | -  | -  | - |                     |
| 248.PTO.201  | 1 1/8"Z6  | 1 3/8"Z6  | 174 | -  | -  | -  | - |                     |
| 248.PTO.202  | 1 3/8"Z6  | 1 3/8"Z6  | 174 | -  | -  | -  | - |                     |
| 248.PTO.203  | 1 3/8"Z21 | 1 3/8"Z6  | 174 | -  | -  | -  | - |                     |
| 248.PTO.204  | 1 1/8"Z6  | 1 3/8"Z21 | 174 | -  | -  | -  | - |                     |
| 248.PTO.205  | 1 3/8"Z6  | 1 3/8"Z21 | 174 | -  | -  | -  | - |                     |
| 248.PTO.206  | 1 3/8"Z21 | 1 3/8"Z21 | 174 | -  | -  | -  | - |                     |
| 248.PTO.207  | 1 3/8"Z6  | 1 3/4"Z6  | 174 | -  | -  | -  | - |                     |
| 248.PTO.208  | 1 3/8"Z21 | 1 3/4"Z6  | 174 | -  | -  | -  | - |                     |
| 248.PTO.209  | 1 3/4"Z6  | 1 3/4"Z6  | 174 | -  | -  | -  | - |                     |
| 248.PTO.210  | 32X38X8   | 1 3/8"Z6  | 174 | -  | -  | -  | - |                     |
| 248.PTO.211  | 32X38X8   | 1 3/8"Z21 | 174 | -  | -  | -  | - |                     |
| 248.PTO.212  | 32X38X8   | 1 3/4"Z6  | 174 | -  | -  | -  | - |                     |
| 248.PTO.213  | 1 3/4"Z6  | 1 3/8"Z6  | 174 | -  | -  | -  | - |                     |
| 248.PTO.301  | 1 1/8"Z6  | 1 3/8"Z6  | 174 | -  | -  | -  | - |                     |
| 248.PTO.302  | 1 3/8"Z6  | 1 3/8"Z6  | 174 | -  | -  | -  | - |                     |
| 248.PTO.303  | 1 3/8"Z21 | 1 3/8"Z6  | 174 | -  | -  | -  | - |                     |
| 248.PTO.304  | 1 1/8"Z6  | 1 3/8"Z21 | 174 | -  | -  | -  | - |                     |
| 248.PTO.305  | 1 3/8"Z6  | 1 3/8"Z21 | 174 | -  | -  | -  | - |                     |
| 248.PTO.306  | 1 3/8"Z21 | 1 3/8"Z21 | 174 | -  | -  | -  | - |                     |
| 248.PTO.307  | 1 1/8"Z6  | 1 3/4"Z6  | 174 | -  | -  | -  | - |                     |
| 248.PTO.308  | 1 3/8"Z6  | 1 3/4"Z6  | 174 | -  | -  | -  | - |                     |
| 248.PTO.309  | 1 3/8"Z21 | 1 3/4"Z6  | 174 | -  | -  | -  | - |                     |
| 248.PTO.310  | 32X38X8   | 1 3/8"Z6  | 174 | -  | -  | -  | - |                     |
| 248.PTO.311  | 32X38X8   | 1 3/8"Z21 | 174 | -  | -  | -  | - |                     |
| 248.PTO.312  | 32X38X8   | 1 3/4"Z6  | 174 | -  | -  | -  | - |                     |
| 248.PTO.401  | 25        | 1 3/8"Z6  | 174 | -  | -  | -  | 8 |                     |
| 248.PTO.402  | 30        | 1 3/8"Z6  | 174 | -  | -  | -  | 8 |                     |
| 248.PTO.403  | 35        | 1 3/8"Z6  | 174 | -  | -  | -  | 8 |                     |
| 248.PTO.404  | 25        | 1 3/8"Z21 | 174 | -  | -  | -  | 8 |                     |
| 248.PTO.405  | 30        | 1 3/8"Z21 | 174 | -  | -  | -  | 8 |                     |
| 248.PTO.406  | 35        | 1 3/8"Z21 | 174 | -  | -  | -  | 8 |                     |
| 248.PTO.407  | 25        | 1 3/4"Z6  | 174 | -  | -  | -  | 8 |                     |
| 248.PTO.408  | 30        | 1 3/4"Z6  | 174 | -  | -  | -  | 8 |                     |
| 248.PTO.409  | 35        | 1 3/4"Z6  | 174 | -  | -  | -  | 8 |                     |
| 248.PTO.410  | 40        | 1 3/8"Z6  | 174 | -  | -  | -  | 8 |                     |
| 248.PTO.411  | 40        | 1 3/8"Z21 | 174 | -  | -  | -  | 8 |                     |
| 248.PTO.412  | 40        | 1 3/4"Z6  | 174 | -  | -  | -  | 8 |                     |
| 248.PTO.501  |           | 1 1/8"Z6  | 107 | -  | -  | -  | - |                     |
| 248.PTO.502  |           | 1 3/8"Z6  | 107 | -  | -  | -  | - |                     |
| 248.PTO.503  |           | 1 3/8"Z21 | 107 | -  | -  | -  | - |                     |
| 248.PTO.504  |           | 27x32x16  | 107 | -  | -  | -  | - |                     |
| 248.PTO.511  |           | 1 3/8"Z6  | 215 | -  | -  | -  | - |                     |
| 248.PTO.512  |           | 1 3/8"Z21 | 215 | -  | -  | -  | - |                     |
| 248.PTO.514  |           | 1 3/4"Z6  | 215 | -  | -  | -  | - |                     |

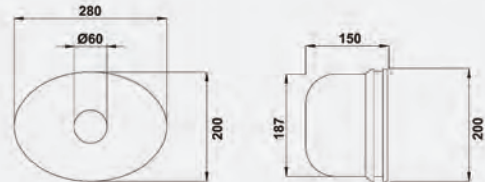
## GUARD CONE - TYPE 90 -OVAL

### OVAL KOPFSCHUTZ



Without inspection window /  
Ohne Kontrollfenster

**Code**  
**11089015CY (Yellow-Gelb)**  
**11089015CB (Black-Schwarz)**



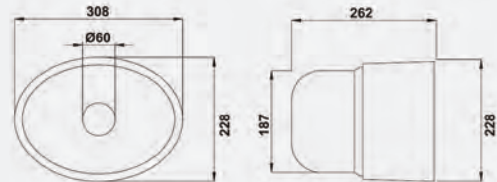
## GUARD CONE - TYPE 90 -OVAL

### OVAL / SCHUTZKOPF MIT KUNSTOFFSCHUTZ



With extension band /  
Without inspection window  
Mit Kunstoffschutz /  
Ohne Kontrollfenster

**Code**  
**11089026CY (Yellow-Gelb)**  
**11089026CB (Black-Schwarz)**



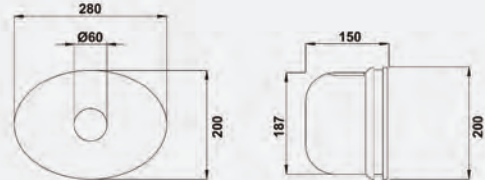
## GUARD CONE - TYPE 90 -OVAL

### OVAL / SCHUTZKOPF MIT KONTROLFENSTER



With inspection window /  
Mit Kontrollfenster

**Code**  
**11089015CWY (Yellow- Gelb)**  
**11089015CWB (Black-Schwarz)**



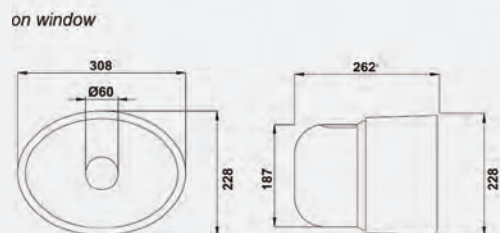
## GUARD CONE - TYPE 90 -OVAL

### OVAL / SCHUTZKOPF MIT KUNSTOFFSCHUTZ UND KUNSTSTOFFSCHUTZ



With extension band /  
With inspection window  
Mit Kunstoffschutz /  
Mit Kontrollfenster

**Code**  
**11089026CWY (Yellow-Gelb)**  
**11089026CWB (Black- Schwarz)**



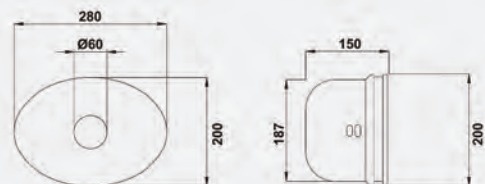
## GUARD CONE - TYPE 90 -OVAL

### OVAL SCHUTZKOPF



Without inspection window /  
With side holes  
Ohne Kunstoffschutz /  
Mit seiten öcher

**Code**  
**11089015CY (Yellow- Gelb)**  
**11089015CHB (Black /Schwarz)**





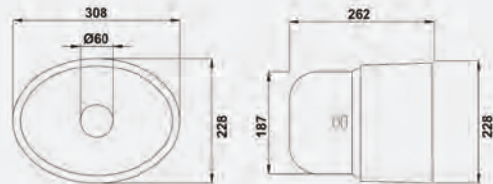
## GUARD CONE - TYPE 90 -OVAL

### OVAL KOPFSCHUTZ



With extension band /  
without inspection window /  
with side holes  
*Mit Kunststoffschutz /  
Ohne Kontrollfenster*

**Code**  
**11089026CHY (Yellow / Gelb)**  
**11089026CHB (Siyah /Schwarz)**



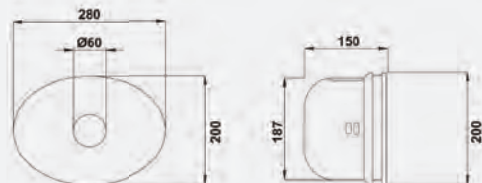
## GUARD CONE - TYPE 90 -OVAL

### OVAL KOPFSCHUTZ



With extension band /  
without inspection window /  
with side holes  
*Mit Kunststoffschutz /  
MitKontrollfenster / MitSeitenloch*

**Code**  
**11089015CWHY (Yellow / Gelb)**  
**11089015CWHB (Siyah /Schwarz)**



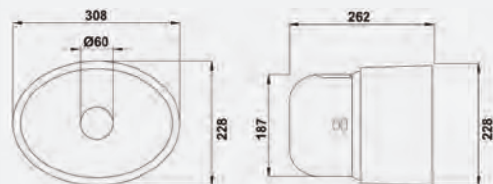
## GUARD CONE - TYPE 90 -OVAL

### OVAL KOPFSCHUTZ



Without inspection window /  
With slotted holes  
*Ohne Kontrollfenster /  
Ohne Seitenloch*

**Code**  
**11089026CHY (Yellow / Gelb)**  
**11089026CHB (Siyah /Schwarz)**



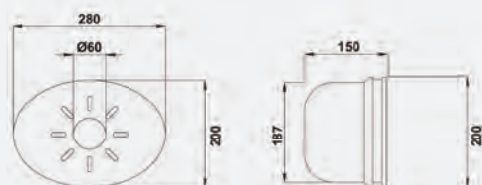
## GUARD CONE - TYPE 90 -OVAL

### OVAL KOPFSCHUTZ



With extension band /  
without inspection window /  
with side holes  
*Mit Kunststoffschutz /  
Ohne Kontrollfenster*

**Code**  
**11089015SY ( Yellow / Gelb)**  
**11089015SB (Black / Schwarz)**



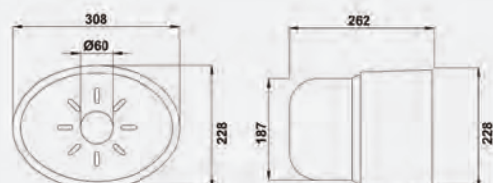
## GUARD CONE - TYPE 90 -OVAL

### OVAL KOPFSCHUTZ



With extension band /  
Without inspection window /  
With slotted holes  
*Mit Kunststofschutz /  
Ohne Kontrollfenster / Mit Seitenloch*

**Code**  
**110 890 26SY (Yellow / Gelb)**  
**11089026SB ( Black / Schwarz)**

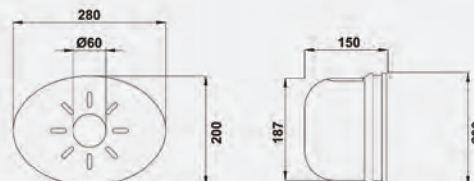


## GUARD CONE -TYPE 90 -OVAL OVAL KOPFSCHUTZ



With inspection window /  
With slotted channel  
Mit Kontrollfenster /  
Mit Seitenkanäle

**Code**  
**11089015SWY (Yellow-Gelb)**  
**11089015SWB (Black-Schwarz)**

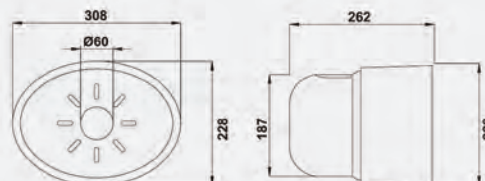


## GUARD CONE -TYPE 90 -OVAL MIT OVALEM KOPFSCHUTZ



With extension band/  
With inspection window /  
With slotted channel  
Mit Kunstsoffschutz /  
Mit Kontrollfenster /  
Mit Seitenkanäle

**Code**  
**11089026SWY (Yellow-Gelb)**  
**11089026SWB (Black-Schwarz)**

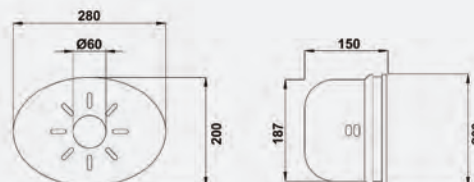


## GUARD CONE -TYPE 90 -OVAL MIT OVALEM KOPFSCHUTZ



Without inspection window /  
With slotted channel /  
With side holes  
Ohne Kontrol Fenster /  
Mit Seitenkanäle /Mit seitenloch

**Code**  
**11089015SHY (Yellow-Gelb)**  
**11089015SHB (Black-Schwarz)**

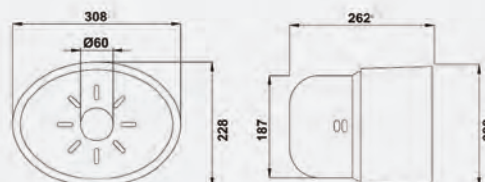


## GUARD CONE -TYPE 90 -OVAL MIT OVALEM KOPFSCHUTZ



With extension band/  
With inspection window /  
With slotted channel /  
With side holes  
Mit Kunstsoffschutz /  
Mit Kontrollfenster /  
Mit Seitenkanäle

**Code**  
**11089026SHY (Yellow-Gelb)**  
**11089026SHB (Black-Schwarz)**

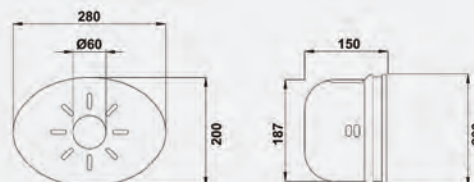


## GUARD CONE -TYPE 90 -OVAL OVAL KOPFSCHUTZ



With inspection window /  
With slotted channel/  
With side holes  
Mit Kunstsoffschutz/  
Mit Seitenkanäle/Mit Seitenloch

**Code**  
**11089015SWHY (Yellow-Gelb)**  
**11089015SWHB (Black-Schwarz)**

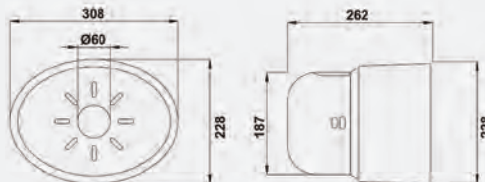


## GUARD CONE -TYPE 90 -OVAL OVAL KOPFSCHUTZ



With extension band /  
With inspection window /  
With slotted / With side holes  
Mit Kunstsoffschutz /  
Mit Kontrollfenster /  
Mit Seitenkanäle /  
Mit Seitenloch

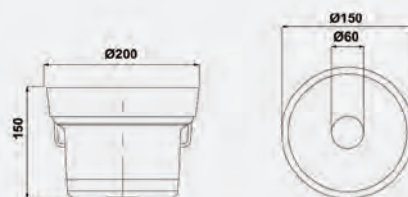
Code  
11089026SWHY (Yellow-Gelb)  
11089026SWHB (Black-Schwarz)



## GUARD CONE -TYPE 70 -ROUND RUNDER KOPFSCHUTZ TYP 70



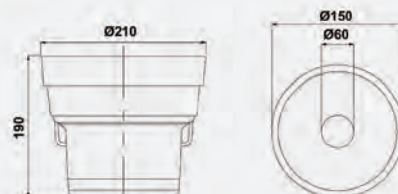
Code  
11087015 (Black-Schwarz)



## GUARD CONE -TYPE 70 -ROUND RUNDER KOPFSCHUTZ TYP 70



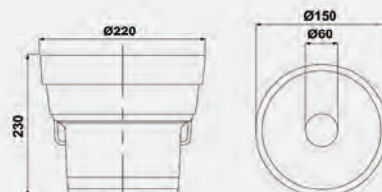
Code  
11087019Y (Yellow-Gelb)  
11087019B (Black-Schwarz)



## GUARD CONE -TYPE 70 -ROUND RUNDER KOPFSCHUTZ TYP 70



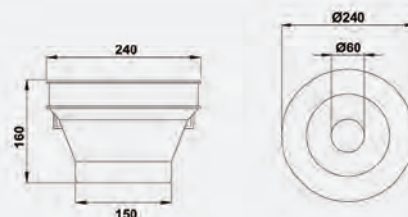
Code  
11087023Y (Yellow-Gelb)  
11087023B (Black-Schwarz)



## GUARD CONE -TYPE 80 -ROUND RUNDER KOPFSCHUTZ TYP 80



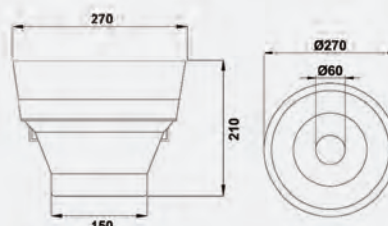
Code  
11088016 (Black-Schwarz)



## GUARD CONE -TYPE 80 -ROUND RUNDER KOPFSCHUTZ TYP 80



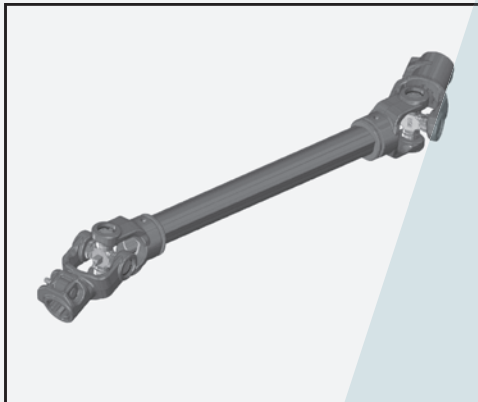
Code  
11088021Y (Yellow-Gelb)  
11088021B (Black-Schwarz)



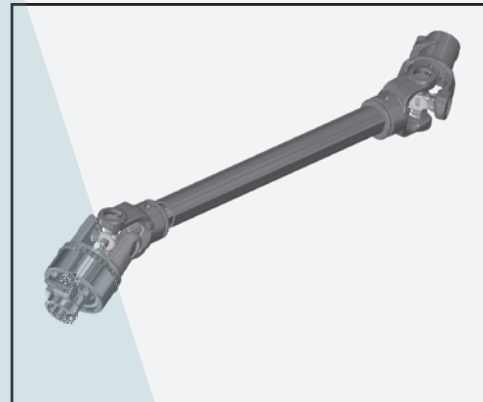


## BALE MACHINE SET OF THE SHAFTS

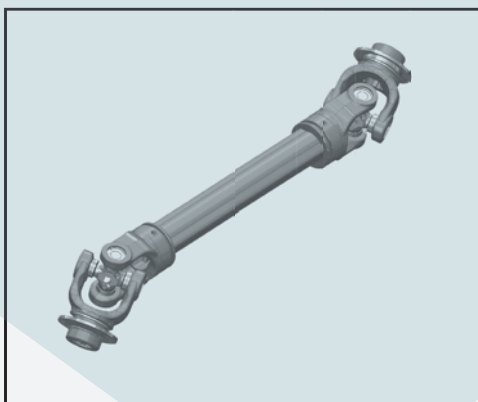
### *SCHAFT-SET*



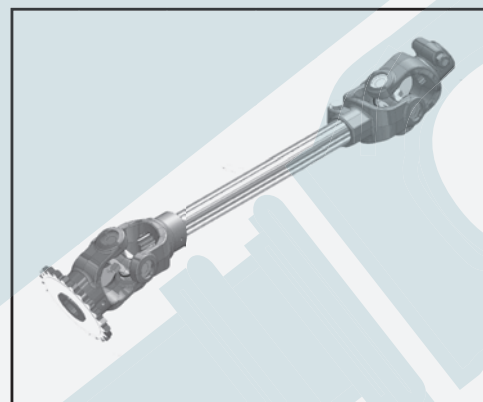
**HAŞBOY SCHAFT**



**HAŞBOY SCHAFT  
FREILAUFENDE**



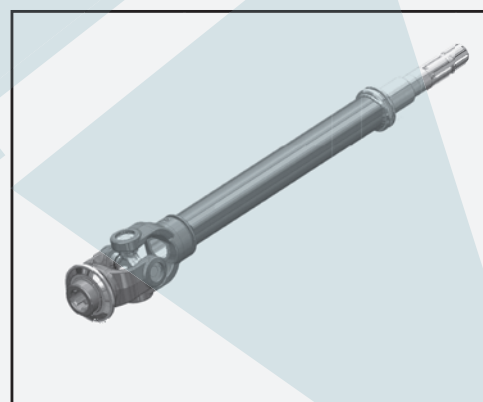
**FESTSTEHENDE SCHAFT**



***SCHAFT FÜR ERNTEGABEL***



**FREIUMDREHENDE  
KUPPLUNGSDRUCK**



**ZWISCHEN VOLANT SCHAFT  
FÜR SCHAUKEL**



# STARGEAR BOXES



201010001



202110001



205012001



209091006



212011001



201020001



202120001



205013001



212024001



201044001



203011001



208011001



212025001



201043001



203016001



208021001



212026001



201051001  
201052001  
201053001



203021001



208021002



215012001



202013001



203023001



208021003



215014001



202021001



203041001



208031001



215015001



202025001



203052001



208031002



220000002



202053001



203054001



208040001



233000001



202071001



203055001



209091001



233000002



202081001



203061001



209091005



233000003



202090001



205011001

## NOTES

This image shows a single sheet of white paper with horizontal blue ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.



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