

**PRODUKTLISTE**

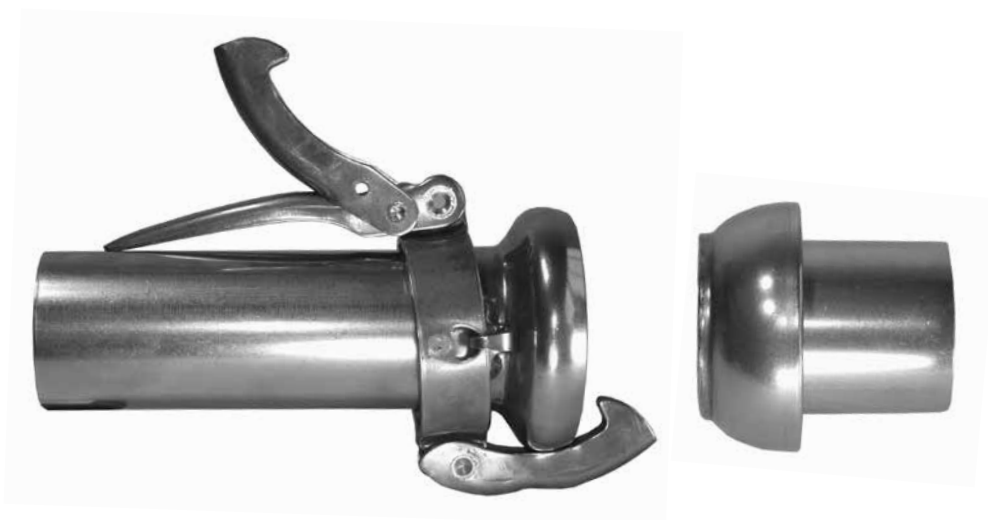
**RB 04/2017**  
gültig ab / valid from 01.01.2017

**PRODUCT LIST**

# Original PERROT

**Schnellkupplungsprogramm für  
Rohre, Formstücke und Zubehör**

**Quick coupling program for  
pipes, fittings and accessories**



**Regnerbau Calw GmbH**  
**Industriestrasse 19-29**  
**D- 75382 Althengstett**

Telefon: +49(0)7051 / /162 0  
Telefax: +49(0)7051 / 162 133  
E-Mail: [perrot@perrot.de](mailto:perrot@perrot.de)  
Internet: [www.perrot.de](http://www.perrot.de)



## Schnellkupplungsrohre und Formstücke mit Kardangelenkupplung

**Lieferumfang:** Zu den Mutterkupplungsteilen der Rohre und Formstücke gehört je ein Gummidichtungsring, der jeweils im Preis enthalten ist. Die Dichtungsringe sind vormontiert. Stützfüße gehören nicht zum Lieferumfang von Rohren und Formstücken und sind nach Wunsch gesondert zu bestellen. Die Stützfüße kommen unmontiert zur Lieferung.

**Werkstoff:** Rohre aus Bandstahl, längsgeschweißt und feuerverzinkt; Kupplungskörper und Hebelwerk aus Stahlblech, beides schwarz oder feuerverzinkt. Für Kupplungen aus Edelstahl (1.4404) siehe separate Liste.

**Norm:** Feuerverzinkung nach DIN EN ISO 1461.

Technische Lieferbedingungen für Schnellkupplungsrohre (Durchmesser, Wanddicke, Korrosionsbeständigkeit, Druck, usw.) nach DIN 19651(alt)/ DIN EN12734(neu).

**Betriebsdruck:** Betriebsdruck Gr. 50 - 159 bis 10 bar.  
Betriebsdruck Gr. 216 bis 8 bar.  
Höhere Drücke auf Anfrage.

**Abwinkelung:** 15° nach jeder Richtung bei den Größen 50 - 159

**Kardan M-Teile und Formstücke mit M-Teil in den Größen 70 und 89 sind auch mit Kardanring und Hebelwerk aus GGG lieferbar. Preis auf Anfrage.**

## Quick-coupling pipes and fittings with Cardan-joint Coupling

**Execution:** A rubber seal-ring is supplied for the female part of pipes and fittings and included in their price. The seal-rings are mounted. All pipes and fittings are without prop-foot. Prop-feet are available on special order and likewise are delivered unmounted.

**Material:** Pipes of sheet-steel longitudinally welded and galvanized. Coupling and lever arrangement made of sheet-steel; both black or hot dipped galvanized. Couplings in stainless steel (1.4404) shown on a separate list.

**Standard:** Galvanized as per Standards-draft DIN EN ISO 1461. Normal-flow-direction as in usage-standards shown by arrows.

Technical delivery conditions for Quick-coupling Pipes (diameter, wall-thickness, corrosion-resistance, pressure etc.) as per DIN 19651(old) / DIN EN 12734 (new).

**Pressure:** Operating pressure for size 50 - 150 up to 10 bar.  
Operating pressure for size 216 up to 8 bar.  
(stronger designs on request).

**Angle of deflection:** 15° in any direction for the size 50 - 159

**Cardan female couplings and fittings with female coupling in the size 70 and 89 can be also produced with ring, hooks and lever in cast iron (GGG). Prices on request.**

## Preisliste / Price list

### Kupplung Grösse / Coupling Size 50 - 159



### Kupplung Grösse / Coupling Size 216



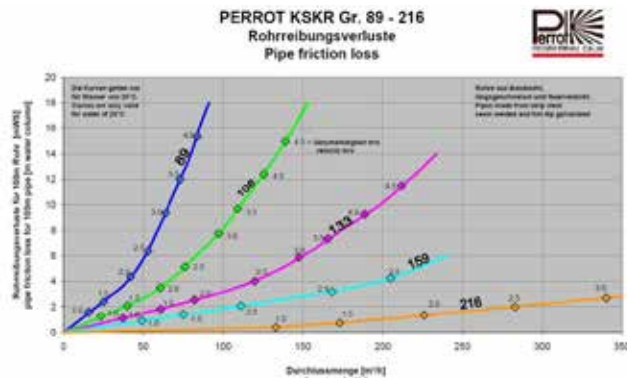
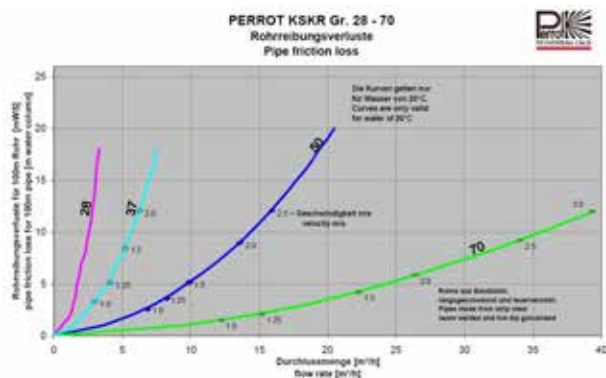
| Bezeichnung / Abbildung<br>description / picture                                                                                                                                                    |                                                                                                                      | Bestellwort<br>order code                                                                                                      | Gewicht<br>weight                                     | Artikel-Nr.<br>article-no.                                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|---------------------------------------------------------------------------|
| <b>Kupplungen</b><br>Kardan V-Teil,<br>schwarz, zum Auf-<br>und Anschweissen<br>                                 | <b>Couplings</b><br>Cardan male<br>coupling<br>for welding on, black                                                 | <b>KKV 50</b><br><b>KKV 70</b><br><b>KKV 89</b><br><b>KKV 108</b><br><b>KKV 133</b><br><b>KKV 159</b><br><b>KKV 216</b>        | 0,13<br>0,22<br>0,50<br>0,78<br>0,90<br>1,30<br>4,82  | KT51001<br>KT52001<br>KT53001<br>KT54010<br>KT54212<br>KT54410<br>KT54502 |
| Kardan M-Teil+Kardan<br>ring, schwarz, zum Auf-<br>und Anschweissen,<br>(Hebelwerk ver-<br>zinkt) unmontiert<br> | Cardan female coupling<br>and cardan ring, black,<br>for welding on, unas-<br>sembled(hooks and<br>lever galvanized) | <b>KKM 50</b><br><b>KKM 70</b><br><b>KKM 89</b><br><b>KKM 108</b><br><b>KKM 133</b><br><b>KKM 159</b><br><b>KKM 216</b>        | 0,70<br>1,30<br>2,00<br>3,20<br>5,00<br>6,30<br>14,30 | KK51025<br>KK52026<br>KK53025<br>KK54024<br>KK54211<br>KK54400<br>KK54514 |
| Gr. 216 -<br>komplett schwarz<br>                                                                                | Size 216 -<br>complete black                                                                                         | <b>KKMM 50</b><br><b>KKMM 70</b><br><b>KKMM 89</b><br><b>KKMM 108</b><br><b>KKMM 133</b><br><b>KKMM 159</b><br><b>KKMM 216</b> | 0,70<br>1,10<br>2,08<br>3,20<br>5,37<br>6,30<br>14,61 | KK51034<br>KK52036<br>KK53037<br>KK54038<br>KK54224<br>KK54418<br>KK54523 |

# Preisliste / Price list

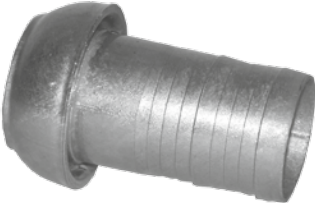
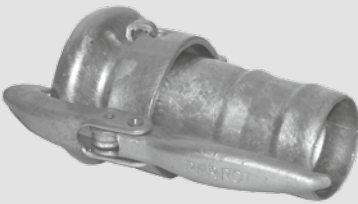
| Bezeichnung / Abbildung<br>description / picture |                                                                                    | Ø mm | Bestellwort<br>order code | Gewicht<br>weight | Artikel-Nr.<br>article-no. |
|--------------------------------------------------|------------------------------------------------------------------------------------|------|---------------------------|-------------------|----------------------------|
| Schnellkupplungsrohre<br>Quick coupling pipe     |                                                                                    | 50   | KSKR 50/6                 | 7,30              | KR55000                    |
|                                                  |                                                                                    | 70   | KSKR 70/6                 | 11,48             | KR55060                    |
|                                                  |                                                                                    | 89   | KSKR 89/6                 | 14,80             | KR55120                    |
|                                                  |                                                                                    | 108  | KSKR 108/6                | 20,00             | <b>KR55180</b>             |
|                                                  |                                                                                    | 133  | KSKR 133/6                | 29,80             | KR55240                    |
|                                                  |                                                                                    | 159  | KSKR 159/6                | 34,40             | KR55300                    |
|                                                  |                                                                                    | 216  | KSKR 216/6                | 64,00             | KR77100                    |
| Normallänge 6 m<br>Standard lenght 6 m           |                                                                                    | 50   | KSKR 50/5                 | 6,90              | KR55010                    |
|                                                  |                                                                                    | 70   | KSKR 70/5                 | 10,00             | KR55070                    |
|                                                  |                                                                                    | 89   | KSKR 89/5                 | 13,10             | KR55130                    |
|                                                  |                                                                                    | 108  | KSKR 108/5                | 16,90             | KR55190                    |
|                                                  |                                                                                    | 133  | KSKR 133/5                | 23,60             | KR55250                    |
|                                                  |                                                                                    | 159  | KSKR 159/5                | 27,20             | KR55310                    |
|                                                  |                                                                                    | 216  | KSKR 216/5                | 55,50             | KR77110                    |
| Unterlänge 5 m<br>Sub lenght 5 m                 |  | 50   | KSKR 50/4                 | 5,80              | KR55020                    |
|                                                  |                                                                                    | 70   | KSKR 70/4                 | 8,30              | KR55080                    |
|                                                  |                                                                                    | 89   | KSKR 89/4                 | 11,10             | KR55140                    |
|                                                  |                                                                                    | 108  | KSKR 108/4                | 14,80             | KR55200                    |
|                                                  |                                                                                    | 133  | KSKR 133/4                | 20,40             | KR55260                    |
|                                                  |                                                                                    | 159  | KSKR 159/4                | 25,12             | KR55320                    |
|                                                  |                                                                                    | 216  | KSKR 216/4                | 48,00             | KR77120                    |
| Unterlänge 4 m<br>Sub lenght 4 m                 |                                                                                    | 50   | KSKR 50/3                 | 4,70              | KR55030                    |
|                                                  |                                                                                    | 70   | KSKR 70/3                 | 7,70              | KR55090                    |
|                                                  |                                                                                    | 89   | KSKR 89/3                 | 9,60              | KR55150                    |
|                                                  |                                                                                    | 108  | KSKR 108/3                | 12,10             | KR55210                    |
|                                                  |                                                                                    | 133  | KSKR 133/3                | 17,90             | KR55270                    |
|                                                  |                                                                                    | 159  | KSKR 159/3                | 20,47             | KR55330                    |
|                                                  |                                                                                    | 216  | KSKR 216/3                | 41,00             | KR77130                    |
| Unterlänge 3 m<br>Sub lenght 3 m                 |                                                                                    | 50   | KSKR 50/2                 | 3,60              | KR55040                    |
|                                                  |                                                                                    | 70   | KSKR 70/2                 | 5,00              | KR55100                    |
|                                                  |                                                                                    | 89   | KSKR 89/2                 | 7,10              | KR55160                    |
|                                                  |                                                                                    | 108  | KSKR 108/2                | 9,70              | KR55220                    |
|                                                  |                                                                                    | 133  | KSKR 133/2                | 13,40             | KR55280                    |
|                                                  |                                                                                    | 159  | KSKR 159/2                | 15,82             | KR55340                    |
|                                                  |                                                                                    | 216  | KSKR 216/2                | 33,50             | KR77140                    |
| Unterlänge 2 m<br>Sub lenght 2 m                 |                                                                                    | 50   | KSKR 50/1                 | 2,50              | KR55050                    |
|                                                  |                                                                                    | 70   | KSKR 70/1                 | 3,20              | KR55110                    |
|                                                  |                                                                                    | 89   | KSKR 89/1                 | 5,10              | KR55170                    |
|                                                  |                                                                                    | 108  | KSKR 108/1                | 8,80              | KR55230                    |
|                                                  |                                                                                    | 133  | KSKR 133/1                | 9,60              | KR55290                    |
|                                                  |                                                                                    | 159  | KSKR 159/1                | 11,18             | KR55350                    |
|                                                  |                                                                                    | 216  | KSKR 216/1                | 26,00             | KR77150                    |
| Unterlänge 1 m<br>Sub lenght 1 m                 |                                                                                    | 50   | KSKR 50/1                 | 2,50              | KR55050                    |
|                                                  |                                                                                    | 70   | KSKR 70/1                 | 3,20              | KR55110                    |
|                                                  |                                                                                    | 89   | KSKR 89/1                 | 5,10              | KR55170                    |
|                                                  |                                                                                    | 108  | KSKR 108/1                | 8,80              | KR55230                    |
|                                                  |                                                                                    | 133  | KSKR 133/1                | 9,60              | KR55290                    |
|                                                  |                                                                                    | 159  | KSKR 159/1                | 11,18             | KR55350                    |
|                                                  |                                                                                    | 216  | KSKR 216/1                | 26,00             | KR77150                    |

Sonderlängen auf Anfrage / Special lenghts on request

## Reibungsverluste in Schnellkupplungsrohren (in m auf 100m Rohr) Friction losses in quick-coupling pipes (in m per 100m pipe)



## Preisliste / Price list

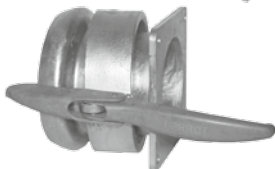
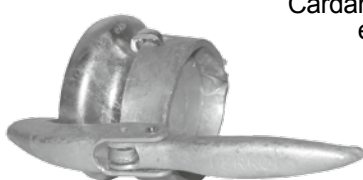
| Bezeichnung / Abbildung<br>description / picture                                             |                                                                                               | Bestellwort<br>order code                                                           | Gewicht<br>weight | Artikel-Nr.<br>article-no. |
|----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------|----------------------------|
| <b>Schlauchtüllen-<br/>Formstücke</b><br><br>Kardan V-Teil<br>mit gedrehter<br>Schlauchtülle | <b>Fitting with<br/>hose tail</b><br><br>Cardan male<br>coupling with<br>corrugated hose tail | <b>KVS-K 50 x 50</b>                                                                | 0,48              | KF76260                    |
|                                                                                              |                                                                                               | <b>KVS-K 70 x 60</b>                                                                | 0,68              | KF76270                    |
|                                                                                              |                                                                                               | <b>KVS-K 70 x 65</b>                                                                | 0,82              | KF76280                    |
|                                                                                              |                                                                                               | <b>KVS-K 70 x 70</b>                                                                | 0,88              | KF76290                    |
|                                                                                              |                                                                                               | <b>KVS-K 70 x 75</b>                                                                | 1,09              | KF76292                    |
|                                                                                              |                                                                                               | <b>KVS-K 89 x 75</b>                                                                | 1,32              | KF76300                    |
|                                                                                              |                                                                                               | <b>KVS-K 89 x 80</b>                                                                | 1,32              | KF76310                    |
|                                                                                              |                                                                                               | <b>KVS-K 89 x 90</b>                                                                | 1,30              | KF76320                    |
|                                                                                              |                                                                                               | <b>KVS-K 108 x 100</b>                                                              | 1,88              | KF76370                    |
|                                                                                              |                                                                                               | <b>KVS-K 108 x 110</b>                                                              | 2,02              | KF76380                    |
|                                                                                              |                                                                                               | <b>KVS-K 133 x 125</b>                                                              | 3,00              | KF76420                    |
|                                                                                              |                                                                                               | <b>KVS-K 159 x 150</b>                                                              | 4,30              | KF76460                    |
|                                                                                              |                                                                                               | <b>KVS-K 216 x 200</b>                                                              | 11,45             | KF77005                    |
|                                                                                              |                                                                                               |    |                   |                            |
| Kardan M-Teil<br>mit gedrehter<br>Schlauchtülle                                              | Cardan female<br>coupling with<br>corrugated hose tail                                        | <b>KMS-K 50 x 50</b>                                                                | 1,02              | KF76540                    |
|                                                                                              |                                                                                               | <b>KMS-K 70 x 60</b>                                                                | 1,67              | KF76550                    |
|                                                                                              |                                                                                               | <b>KMS-K 70 x 65</b>                                                                | 1,72              | KF76560                    |
|                                                                                              |                                                                                               | <b>KMS-K 70 x 70</b>                                                                | 1,80              | KF76570                    |
|                                                                                              |                                                                                               | <b>KMS-K 70 x 75</b>                                                                | 2,20              | KF76572                    |
|                                                                                              |                                                                                               | <b>KMS-K 89 x 75</b>                                                                | 2,99              | KF76580                    |
|                                                                                              |                                                                                               | <b>KMS-K 89 x 80</b>                                                                | 3,02              | KF76590                    |
|                                                                                              |                                                                                               | <b>KMS-K 89 x 90</b>                                                                | 3,20              | KF76600                    |
|                                                                                              |                                                                                               | <b>KMS-K 108 x 100</b>                                                              | 4,44              | KF76650                    |
|                                                                                              |                                                                                               | <b>KMS-K 108 x 110</b>                                                              | 4,44              | KF76660                    |
|                                                                                              |                                                                                               | <b>KMS-K 133 x 125</b>                                                              | 7,40              | KF76700                    |
|                                                                                              |                                                                                               | <b>KMS-K 159 x 150</b>                                                              | 8,30              | KF76740                    |
|                                                                                              |                                                                                               | <b>KMS-K 216 x 200</b>                                                              | 22,30             | KF77004                    |
|                                                                                              |                                                                                               |   |                   |                            |
| Kardan V-Teil<br>mit gesickter<br>Schlauchtülle                                              | Cardan male<br>coupling with<br>rolled hose tail                                              | <b>KVS-SI 50 x 52</b>                                                               | 0,23              | KF75810                    |
|                                                                                              |                                                                                               | <b>KVS-SI 70 x 72</b>                                                               | 0,66              | KF75830                    |
|                                                                                              |                                                                                               | <b>KVS-SI 89 x 77</b>                                                               | 1,02              | KF75843                    |
|                                                                                              |                                                                                               | <b>KVS-SI 89 x 82</b>                                                               | 1,02              | KF75840                    |
|                                                                                              |                                                                                               | <b>KVS-SI 89 x 92</b>                                                               | 1,15              | KF75850                    |
|                                                                                              |                                                                                               | <b>KVS-SI 108 x 77</b>                                                              | 1,45              | KF75863                    |
|                                                                                              |                                                                                               | <b>KVS-SI 108 x 102</b>                                                             | 1,58              | KF75860                    |
|                                                                                              |                                                                                               | <b>KVS-SI 108 x 111</b>                                                             | 1,68              | KF75870                    |
|                                                                                              |                                                                                               | <b>KVS-SI 133 x 127</b>                                                             | 2,06              | KF75880                    |
|                                                                                              |                                                                                               | <b>KVS-SI 159 x 152</b>                                                             | 2,53              | KF75890                    |
|                                                                                              |                                                                                               | <b>KVS-SI 216 x 202</b>                                                             | 8,20              | KF77010                    |
|                                                                                              |                                                                                               |  |                   |                            |
|                                                                                              |                                                                                               | Neue Maßbezeichnung<br>gemessen an der Sicke!                                       |                   |                            |
|                                                                                              |                                                                                               | New dimensional<br>drawing measured<br>at the crimp!                                |                   |                            |
| Kardan M-Teil<br>mit gesickter<br>Schlauchtülle                                              | Cardan female<br>coupling with<br>rolled hose tail                                            | <b>KMS-SI 50 x 52</b>                                                               | 0,80              | KF75910                    |
|                                                                                              |                                                                                               | <b>KMS-SI 70 x 72</b>                                                               | 1,58              | KF75930                    |
|                                                                                              |                                                                                               | <b>KMS-SI 89 x 77</b>                                                               | 2,60              | KF75942                    |
|                                                                                              |                                                                                               | <b>KMS-SI 89 x 82</b>                                                               | 2,70              | KF75940                    |
|                                                                                              |                                                                                               | <b>KMS-SI 89 x 92</b>                                                               | 2,88              | KF75950                    |
|                                                                                              |                                                                                               | <b>KMS-SI 108 x 77</b>                                                              | 4,00              | KF75964                    |
|                                                                                              |                                                                                               | <b>KMS-SI 108 x 102</b>                                                             | 4,10              | KF75960                    |
|                                                                                              |                                                                                               | <b>KMS-SI 108 x 111</b>                                                             | 4,03              | KF75970                    |
|                                                                                              |                                                                                               | <b>KMS-SI 133 x 127</b>                                                             | 6,76              | KF75980                    |
|                                                                                              |                                                                                               | <b>KMS-SI 159 x 152</b>                                                             | 7,91              | KF75990                    |
|                                                                                              |                                                                                               | <b>KMS-SI 216 x 202</b>                                                             | 17,51             | KF77009                    |
|                                                                                              |                                                                                               |  |                   |                            |
|                                                                                              |                                                                                               | Neue Maßbezeichnung<br>gemessen an der Sicke!                                       |                   |                            |
|                                                                                              |                                                                                               | New dimensional<br>drawing measured<br>at the crimp!                                |                   |                            |



## Preisliste / Price list

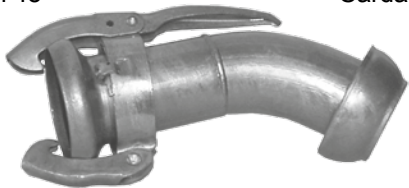
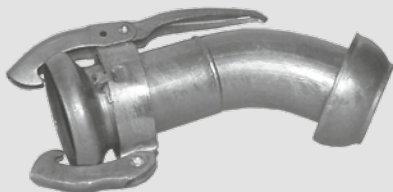
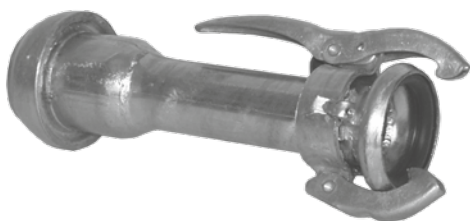
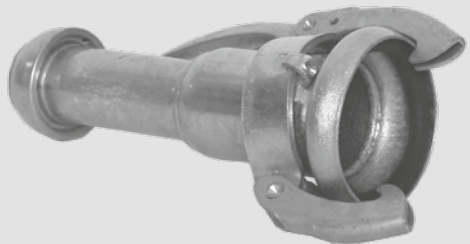
| Bezeichnung / Abbildung<br>description / picture                                                                                                                     |                                                                                                                                                                         | Bestellwort<br>order code                                                                                                                                                                                                                                          | Gewicht<br>weight                                                                         | Artikel-Nr.<br>article-no.                                                                                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| <u>Anschluss-<br/>Formstücke</u><br><br>Kardan V-Teil<br>mit Gewindestutzen<br><br> | <u>Connection<br/>Fittings</u><br><br>Cardan male coupling<br>with threaded stump<br><br>Wie oben, jedoch mit<br>Innengewinde<br><br>As above but with<br>female thread | <b>KVG 50 x 1 1/2"</b><br><b>KVG 50 x 2"</b><br><b>KVG 70 x 2"</b><br><b>KVG 70 x 2 1/2"</b><br><b>KVG 89 x 3"</b><br><b>KVG 108 x 3"</b><br><b>KVG 108 x 4"</b><br><b>KVG 133 x 5"</b><br><b>KVG 159 x 6"</b><br><b>KVG 216 x 8"</b><br><br><b>KVG 50 x 2" IG</b> | 0,39<br>0,49<br>0,58<br>0,65<br>1,21<br>1,64<br>2,10<br>2,22<br>2,84<br>9,30<br><br>0,70  | KF73420<br>KF74270<br>KF74280<br>KF73430<br>KF73440<br>KF73455<br>KF73450<br>KF73460<br>KF73470<br>KF77015<br><br>KF74271 |
| Kardan M-Teil<br>mit Gewindestutzen<br><br>                                        | Cardan female coupling<br>with threaded stump<br><br>Wie oben, jedoch mit<br>Innengewinde<br><br>As above but with<br>female thread                                     | <b>KMG 50 x 1 1/2"</b><br><b>KMG 50 x 2"</b><br><b>KMG 70 x 2"</b><br><b>KMG 70 x 2 1/2"</b><br><b>KMG 89 x 3"</b><br><b>KMG 108 x 3"</b><br><b>KMG 108 x 4"</b><br><b>KMG 133 x 5"</b><br><b>KMG 159 x 6"</b><br><b>KMG 216 x 8"</b><br><br><b>KMG 50 x 2" IG</b> | 1,15<br>1,20<br>1,82<br>2,55<br>2,60<br>4,60<br>5,00<br>7,50<br>9,00<br>20,12<br><br>1,55 | KF73540<br>KF74290<br>KF74300<br>KF73550<br>KF73560<br>KF73574<br>KF73570<br>KF73580<br>KF73590<br>KF77017<br><br>KF74292 |
| Kardan V-Teil<br>mit Flansch PN 10<br>DIN 2576<br><br>                            | Cardan male<br>coupling with flange<br>PN 10 DIN 2576                                                                                                                   | <b>KVF 50 x 50</b><br><b>KVF 70 x 65</b><br><b>KVF 89 x 80</b><br><b>KVF 108 x 100</b><br><b>KVF 133 x 125</b><br><b>KVF 159 x 150</b><br><b>KVF 216 x 200</b>                                                                                                     | 3,08<br>3,78<br>4,35<br>5,29<br>7,58<br>10,36<br>15,70                                    | KF71861<br>KF71871<br>KF71881<br>KF71891<br>KF71901<br>KF71911<br>KF77023                                                 |
| Kardan M-Teil<br>mit Flansch PN 10<br>DIN 2576<br><br>                            | Cardan female<br>coupling with flange<br>PN 10 DIN 2576                                                                                                                 | <b>KMF 50 x 50</b><br><b>KMF 70 x 70</b><br><b>KMF 89 x 80</b><br><b>KMF 108 x 100</b><br><b>KMF 133 x 125</b><br><b>KMF 159 x 150</b><br><b>KMF 216 x 200</b>                                                                                                     | 3,62<br>4,64<br>6,34<br>8,50<br>12,33<br>15,70<br>26,10                                   | KF71982<br>KF71992<br>KF72002<br>KF72012<br>KF72022<br>KF72032<br>KF77025                                                 |
| Kardan V-Teil<br>mit Gülleflansch<br>Länge 150 mm/<br>gr. 216 - 200 mm<br><br>    | Cardan male<br>coupling with was-<br>te flange<br>length 150 mm/<br>Size 216 - 200 mm                                                                                   | <b>KVF 108 x 100 GÜ-150</b><br><b>KVF 133 x 125 GÜ-150</b><br><b>KVF 159 x 150 GÜ-150</b><br><b>KVF 216 x 200 GÜ-200</b>                                                                                                                                           | 3,87<br>3,97<br>4,69<br>7,70                                                              | KF71895<br>KF71903<br>KF71914<br>KF77048                                                                                  |

## Preisliste / Price list

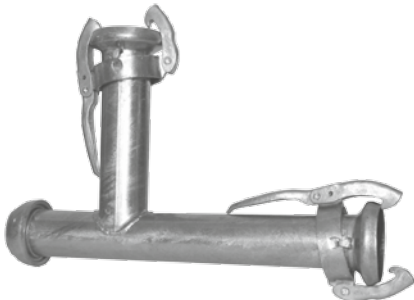
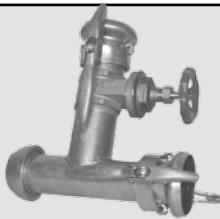
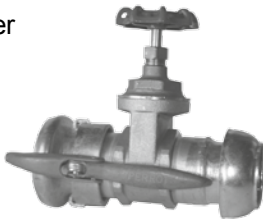
| Bezeichnung / Abbildung<br>description / picture                     |                                                                                     | Bestellwort<br>order code                                                               | Gewicht<br>weight                                                                                                                                                        | Artikel-Nr.<br>article-no.                                                                                                          |
|----------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Kardan M-Teil<br>mit Gülleflansch<br>Länge 360 mm<br>Gr.216 - 400 mm |    | Cardan female<br>coupling with<br>waste flange<br>length 360 mm/<br>size 216- 400<br>mm | <b>KMF 108 x 100 GÜ-360</b><br><b>KMF 133 x 125 GÜ-360</b><br><b>KMF 159 x 150 GÜ-360</b><br><b>KMF 216 x 200 GÜ-400</b>                                                 | 7,96<br>10,87<br>12,52<br>15,53<br>KF72015<br>KF72025<br>KF72034<br>KF77047                                                         |
| Kurze Ausführung<br>Länge 150 mm<br>Gr. 216-200 mm                   |    | Short version<br>length 150 mm/<br>size 216-200 mm                                      | <b>KMF 108 x 100 GÜ-150</b><br><b>KMF 133 x 125 GÜ-150</b><br><b>KMF 159 x 150 GÜ-150</b><br><b>KMF 216 x 200 GÜ-200</b>                                                 | 5,78<br>7,62<br>9,01<br>14,10<br>KF72014<br>KF72024<br>KF72029<br>KF77049                                                           |
| Kardan V-Teil<br>mit Kurzrohrstutzen<br>zum Anschweißen,<br>verzinkt |    | Cardan male<br>coupling with short<br>pipe stump for<br>welding on,<br>galvanized       | <b>KVR 50</b><br><b>KVR 70</b><br><b>KVR 89</b><br><b>KVR 108</b><br><b>KVR 133</b><br><b>KVR 159</b><br><b>KVR 216</b>                                                  | 0,33<br>0,79<br>0,90<br>1,24<br>1,34<br>1,84<br>6,40<br>KF73000<br>KF73010<br>KF73020<br>KF73030<br>KF73040<br>KF73050<br>KF77018   |
| Kardan M-Teil<br>mit Kurzrohrstutzen<br>zum Anschweißen,<br>verzinkt |  | Cardan female<br>coupling with short<br>pipe stump for<br>welding on,<br>galvanized     | <b>KMR 50</b><br><b>KMR 70</b><br><b>KMR 89</b><br><b>KMR 108</b><br><b>KMR 133</b><br><b>KMR 159</b><br><b>KMR 216</b>                                                  | 1,01<br>1,75<br>2,95<br>4,16<br>6,02<br>7,78<br>18,00<br>KF73120<br>KF73130<br>KF73140<br>KF73150<br>KF73160<br>KF73170<br>KF77020  |
| Kardan V-Endstopfen                                                  |  | Cardan male<br>end plug                                                                 | <b>KVX 50</b><br><b>KVX 70</b><br><b>KVX 89</b><br><b>KVX 108</b><br><b>KVX 133</b><br><b>KVX 159</b><br><b>KVX 216</b>                                                  | 0,14<br>0,30<br>0,51<br>1,00<br>1,18<br>1,88<br>6,15<br>KF71740<br>KF71750<br>KF71760<br>KF71770<br>KF71780<br>KF71790<br>KF77012   |
| Kardan M-Endstück                                                    |  | Cardan female<br>end plug                                                               | <b>KMX 50</b><br><b>KMX 70</b><br><b>KMX 89</b><br><b>KMX 108</b><br><b>KMX 133</b><br><b>KMX 159</b><br><b>KMX 216</b>                                                  | 0,73<br>1,20<br>2,32<br>3,40<br>5,30<br>7,12<br>15,91<br>KF71560<br>KF71570<br>KF71580<br>KF71590<br>KF71600<br>KF71610<br>KF77021  |
| <u>Formstücke</u>                                                    |                                                                                     | <u>Fittings</u>                                                                         |                                                                                                                                                                          |                                                                                                                                     |
| Kardan-Bogen 90°                                                     |  | Cardan bend 90°                                                                         | <b>KRKB 50 / 90°</b><br><b>KRKB 70 / 90°</b><br><b>KRKB 89 / 90°</b><br><b>KRKB 108 / 90°</b><br><b>KRKB 133 / 90°</b><br><b>KRKB 159 / 90°</b><br><b>KRKB 216 / 90°</b> | 1,61<br>2,70<br>4,14<br>6,20<br>9,48<br>11,91<br>36,60<br>KF71260<br>KF71300<br>KF71340<br>KF71380<br>KF71420<br>KF71460<br>KF77029 |



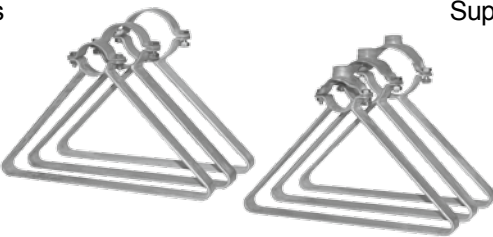
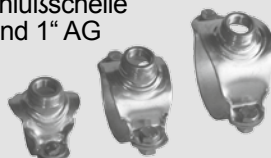
## Preisliste / Price list

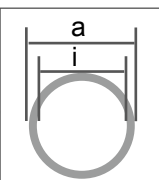
| Bezeichnung / Abbildung<br>description / picture                                                                                                                                               | Bestellwort<br>order code                                                                                                                                                                                                                                                       | Gewicht<br>weight                                                                     | Artikel-Nr.<br>article-no.                                                                                            |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| <b>Kardan-Bogen 45°</b> <b>Cardan bend 45°</b><br>                                                            | <b>KRKB 50 / 45°</b><br><b>KRKB 70 / 45°</b><br><b>KRKB 89 / 45°</b><br><b>KRKB 108 / 45°</b><br><b>KRKB 133 / 45°</b><br><b>KRKB 159 / 45°</b><br><b>KRKB 216 / 45°</b>                                                                                                        | 1,34<br>2,35<br>3,90<br>5,80<br>8,48<br>10,80<br>33,50                                | KF71280<br>KF71320<br>KF71360<br>KF71400<br>KF71440<br>KF71480<br>KF77027                                             |
| <b>Kardan-Bogen 30°</b> <b>Cardan bend 30°</b><br>                                                            | <b>KRKB 50 / 30°</b><br><b>KRKB 70 / 30°</b><br><b>KRKB 89 / 30°</b><br><b>KRKB 108 / 30°</b><br><b>KRKB 133 / 30°</b><br><b>KRKB 159 / 30°</b><br><b>KRKB 216 / 30°</b>                                                                                                        | 1,48<br>2,28<br>3,87<br>5,60<br>7,86<br>11,70<br>27,08                                | KF71290<br>KF71330<br>KF71370<br>KF71410<br>KF71450<br>KF71490<br>KF77038                                             |
| <b>Kardan-Reduzierstück</b> <b>Cardan reducer</b><br>                                                        | <b>KKMGV 70 x 50</b><br><b>KKMGV 89 x 50</b><br><b>KKMGV 89 x 70</b><br><b>KKMGV 108 x 70</b><br><b>KKMGV 108 x 89</b><br><b>KKMGV 133 x 89</b><br><b>KKMGV 133 x 108</b><br><b>KKMGV 159 x 108</b><br><b>KKMGV 159 x 133</b><br><b>KKMGV 216 x 159</b>                         | 1,44<br>2,18<br>2,66<br>3,22<br>3,92<br>4,60<br>5,88<br>6,98<br>8,20<br>15,20         | KF71130<br>KF74310<br>KF71140<br>KF74320<br>KF71150<br>KF74360<br>KF71160<br>KF74330<br>KF71170<br>KF71177            |
| <b>Kardan-Erweiterungsstück</b> <b>Cardan expansion°</b><br>                                                | <b>KGMKV 50 x70</b><br><b>KGMKV 50 x 89</b><br><b>KGMKV 70 x 89</b><br><b>KGMKV 70 x 108</b><br><b>KGMKV 89 x 108</b><br><b>KGMKV 89 x 133</b><br><b>KGMKV 89 x 159</b><br><b>KGMKV 108 x 133</b><br><b>KGMKV 108 x 159</b><br><b>KGMKV 133 x 159</b><br><b>KGMKV 159 x 216</b> | 1,96<br>3,20<br>3,46<br>4,86<br>4,96<br>7,22<br>9,60<br>7,50<br>9,38<br>9,30<br>20,17 | KF71180<br>KF74340<br>KF71190<br>KF71200<br>KF71210<br>KF71220<br>KF71240<br>KF71230<br>KF74350<br>KF71250<br>KF71256 |
| <b>Kardan-Umkehrstück</b> <b>Cardan reversing piece</b><br><b>2 x M-Teil</b> <b>2 x female coupling</b><br> | <b>KDMT 50</b><br><b>KDMT 70</b><br><b>KDMT 89</b><br><b>KDMT 108</b><br><b>KDMT 133</b><br><b>KDMT 159</b><br><b>KDMT 216</b>                                                                                                                                                  | 1,84<br>3,06<br>6,15<br>8,65<br>12,16<br>16,12<br>32,20                               | KF73360<br>KF73370<br>KF73380<br>KF73390<br>KF73400<br>KF73410<br>KF77035                                             |
| <b>Kardan-Umkehrstück</b> <b>Cardan reversing piece</b><br><b>2 x V-Teil</b> <b>2 x male coupling</b><br>   | <b>KDVT 50</b><br><b>KDVT 70</b><br><b>KDVT 89</b><br><b>KDVT 108</b><br><b>KDVT 133</b><br><b>KDVT 159</b><br><b>KDVT 216</b>                                                                                                                                                  | 0,52<br>0,74<br>1,56<br>2,28<br>2,56<br>3,68<br>13,00                                 | KF73300<br>KF73310<br>KF73320<br>KF73330<br>KF73340<br>KF73350<br>KF77066                                             |

## Preisliste / Price list

| Bezeichnung / Abbildung<br>description / picture                                                                                  |                                                            | Bestellwort<br>order code                                                                                                                                                                                                      | Gewicht<br>weight                                                                                                           | Artikel-Nr.<br>article-no.                                                                                                                                        |
|-----------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Kardan-Abzweig<br>T-Stück<br>                    | Cardan in line<br>T-piece                                  | KT 50 x 50<br>KT 70 x 50<br>KT 70 x 70<br>KT 89 x 50<br>KT 89 x 70<br>KT 89 x 89<br>KT 108 x 70<br>KT 108 x 89<br>KT 108 x 108<br>KT 133 x 108<br>KT 133 x 133<br>KT 159 x 108<br>KT 159 x 133<br>KT 159 x 159<br>KT 216 x 216 | 2,70<br>3,90<br>4,57<br>5,10<br>6,21<br>7,59<br>9,30<br>9,53<br>10,66<br>12,38<br>14,90<br>15,35<br>17,60<br>19,30<br>41,51 | KF73720<br>KF73730<br>KF73740<br>KF73750<br>KF73760<br>KF73770<br>KF73780<br>KF73790<br>KF73800<br>KF73810<br>KF73820<br>KF73830<br>KF73840<br>KF73850<br>KF77031 |
| Kardan T-Stück<br>mit Schieber<br>               | Cardan in line t-piece<br>with wheel valve                 | KT 70 x P70<br>KT 89 x P70<br>KT 108 x P70                                                                                                                                                                                     | 5,90<br>9,20<br>9,05                                                                                                        | KF73980<br>KF74000<br>KF74020                                                                                                                                     |
| Kardan<br>Streckenschieber<br>                 | Cardan in line<br>valve                                    | KZA 50 x 1 1/2“<br>KZA 70 x 2 1/2“<br>KZA 89 x 3“<br>KZA 108 x 4“<br>KZA 133 x 5“<br>KZA 159 x 6“                                                                                                                              | 2,10<br>3,75<br>5,85<br>9,88<br>17,50<br>26,50                                                                              | KF71500<br>KF71510<br>KF71520<br>KF71530<br>KF71540<br>KF71550                                                                                                    |
| <u>Zubehör</u><br>Kardan Saugkorb<br>          | <u>Accessories</u><br>Cardan footvalve<br>with strainer    | KSK 70<br>KSK 89<br>KSK 108<br>KSK 133<br>KSK 159                                                                                                                                                                              | 5,06<br>5,44<br>5,55<br>10,21<br>9,30                                                                                       | KF38028<br>KF38076<br>KF38126<br>KF38175<br>KF38226                                                                                                               |
| Hydranten-Unterteil<br>mit 3“ IG, verzinkt<br> | Hydrant valve with 3“<br>female, galvanized                | HUY 3“                                                                                                                                                                                                                         | 1,86                                                                                                                        | KF50140                                                                                                                                                           |
| Hydranten-Oberteil<br>mit Kardan-Abgang<br>    | Hydrant take-off bend<br>with cardan coupling on<br>outlet | HOKL 70<br>HOKL 89<br>HOKL 108                                                                                                                                                                                                 | 4,00<br>5,30<br>6,50                                                                                                        | KF50176<br>KF50194<br>KF50195                                                                                                                                     |
| dito, mit Gewinde-<br>abgang IG                                                                                                   | as above with<br>female thread                             | HOKL 2 1/2“<br>HOKL 3“                                                                                                                                                                                                         | 4,11<br>4,03                                                                                                                | KB50175<br>KB50200                                                                                                                                                |

## Preisliste / Price list

| Bezeichnung / Abbildung<br>description / picture                                                                                                                                                                                                                                   | Bestellwort<br>order code                                             | Gewicht<br>weight                                | Artikel-Nr.<br>article-no.                                         |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|--------------------------------------------------|--------------------------------------------------------------------|
| Stützfuß<br> Support foot<br>Stützfuß mit<br>Regneranschluß<br>Support foot with<br>sprinkler connection                                                                                          | KRS 50<br>KRS 70<br>KRS 89<br><br>KRS 50/IA<br>KRS 70/IA<br>KRS 89/IA | 1,04<br>1,40<br>1,60<br><br>1,11<br>1,47<br>1,65 | KR79855<br>KR79865<br>KR79875<br><br>KR79856<br>KR79866<br>KR79876 |
| Regneranschlußschelle<br>mit 1/2" IG und 1" AG<br> Saddle piece with<br>1/2" femals and 1" male<br><br>Schellen mit Dichtung,<br>Schrauben und Muttern<br>Complete with gasket,<br>bolts and nuts | SLK 50/IA<br>SLK 70/IA<br>SLK 89/IA                                   | 0,28<br>0,43<br>0,50                             | KB20430<br>KB20432<br>KB20434                                      |

| Bezeichnung / Abbildung<br>description / picture                                                                                                                                                                                | Masse ca. mm<br>d <sub>a</sub> d <sub>i</sub><br>approx measurements   | Bestellwort<br>order code                                                     | Gewicht<br>weight                                    | Artikel-Nr.<br>article-no.                                                |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|-------------------------------------------------------------------------------|------------------------------------------------------|---------------------------------------------------------------------------|
| <u>Gummiringe</u><br>Kardan-Gummi-<br>Dichtungsring für<br>Normaleinsatz<br> Rubber seals<br>Cardan rubber<br>sealing ring<br>for normal use | 86 64<br>110 87<br>140 112<br>160 124<br>190 146<br>224 180<br>304 255 | KKG 50<br>KKG 70<br>KKG 89<br>KKG 108<br>KKG 133<br>KKG 159<br>KKG 216        | 0,02<br>0,04<br>0,08<br>0,16<br>0,27<br>0,31<br>0,54 | KT51003<br>KT52003<br>KT53003<br>KT54012<br>KT54213<br>KT54411<br>KT54516 |
| Kardan-Gummi-<br>Dichtungsring<br>ölfest<br>Cardan rubber<br>sealing ring<br>oil resistance                                                                                                                                     | 86 64<br>110 87<br>140 112<br>160 124<br>190 146<br>224 180            | KKG/O 50<br>KKG/O 70<br>KKG/O 89<br>KKG/O 108<br>KKG/O 133<br>KKG/O 159       | 0,02<br>0,04<br>0,08<br>0,16<br>0,28<br>0,32         | KT51011<br>KT52012<br>KT53012<br>KT54016<br>KT35019<br>KT36023            |
| Kardan-Gummi-<br>Dichtungsring<br>benzinfest<br>Cardan rubber<br>sealing ring<br>fuel resistance                                                                                                                                | 86 64<br>110 87<br>140 112<br>160 124<br>190 146<br>224 180            | KKG/E 50<br>KKG/E 70<br>KKG/E 89<br>KKG/E 108<br>KKG/E 133<br>KKG/E 159       | 0,02<br>0,04<br>0,08<br>0,16<br>0,28<br>0,32         | KT51012<br>KT52013<br>KT53013<br>KT54017<br>KT35020<br>KT36024            |
| Kardan-Gummi-<br>Dichtungsring<br>heisswasser-<br>beständig<br>Cardan rubber<br>sealing ring<br>heat resistance                                                                                                                 | 86 64<br>110 87<br>140 112<br>160 124<br>190 146<br>224 180            | KKG/Hw 50<br>KKG/Hw 70<br>KKG/Hw 89<br>KKG/Hw 108<br>KKG/Hw 133<br>KKG/Hw 159 | 0,02<br>0,04<br>0,08<br>0,16<br>0,22<br>0,27         | KT51013<br>KT52014<br>KT53014<br>KT54014<br>KT54220<br>KT54419            |

**Weitere Kardan-Formteile auf Anfrage. Please ask for more types of quick coupling fittings.**

Preisstellung ab Werk ohne Verpackung, zuzüglich der am Tage der Lieferung gültigen Mehrwertsteuer. Im übrigen gelten unsere allgemeinen Lieferbedingungen. Änderungen ohne vorherige Ankündigung vorbehalten. Prices are ex factory, packing excluded. Our general conditions of sale are applicable. Subject to change without prior notice.



## UNSER LIEFERPROGRAMM

## OUR SALES PROGRAM

|                          |                                                                                                                                                                                                                                                                   |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Regner</b>            | für die Landwirtschaft, Forstwirtschaft, Gartenbau, Baumschulen und Sportanlagen.                                                                                                                                                                                 |
| <b>Vesenk-regner</b>     | für Sportplätze, Golfanlagen, Tennisplätze, Reitanlagen und Pferderennbahnen, öffentliches Grün und Hausgärten                                                                                                                                                    |
| <b>Kardan-Kupplungen</b> | für Rohre und Formteile aus Stahl verzinkt und Edelstahl (Material 1.4404)                                                                                                                                                                                        |
| <b>Umweltschutz</b>      | Beregnungssysteme für die Staubbindung auf Schüttguthalden, Umschlagplätzen, Recyclingplätzen und Verkehrsflächen. Bedüsungsanlagen für die Staubbindung auf Förderbänder und Reclaimer und Schiffsentlader<br>Entsorgung von Enteiserabwässer mittels Verregnung |

|                                 |                                                                                                                                                                                                                                                          |
|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Sprinklers</b>               | for agriculture, horticulture, forestry, tree nurseries and sports fields                                                                                                                                                                                |
| <b>Pop-up sprinklers</b>        | for sports fields, golf courses, tennis courts, horse race tracks, riding facilities, public greens and private gardens                                                                                                                                  |
| <b>Cardan Couplings</b>         | for pipes and fittings made of galvanized steel and stainless steel (material 1.4404)                                                                                                                                                                    |
| <b>Environmental protection</b> | Irrigation systems for dust suppression on stock piles, recycling yards, bulk handling and traffic circulation areas. Spraying systems for dust suppression on conveyor belts and, Stacker and reclaimer<br>Disposal of de-icing effluents by irrigation |