

WALTERSCHEID

SPARE PARTS CATALOG 2010



- DRIVE SHAFTS
- CLUTCHES
- GUARDING

PROS BUY WALTERSCHEID A BRAND SETS NEW STANDARDS

Dear Sir or Madam,

The name GKN Walterscheid stands for development and innovation in agricultural driveline systems. We point the way with our designs for PTO drive shafts, overload and overrunning clutches, and tractor attachment systems.



Watch out for „Walterscheid inside“

That is why more and more agritechnical equipment manufacturers are opting for expertise and original components from GKN Walterscheid - and with good reason. These components are increasingly being developed and manufactured individually to cater to the actual demands on tractors and agricultural machinery. They lend modern machines maximum reliability and operating safety, as well as ensuring long, low-maintenance operating periods.

Against this backdrop, we more than ever recommend the exclusive use of original spare parts from Walterscheid. You can recognise „Walterscheid inside“ by our trademark on all spares. Only the original guarantees maximum reliability and optimum utilisation.

Walterscheid
the original



Find the right spare part faster

Our new Spare Parts Catalogue will make it easier for you to select and purchase original Walterscheid spares.

The Catalogue also offers a number of additional functions and headings, such as new identification aids that enable reliable selection of parts.

It covers the standard range of PTO drive shafts, wide-angle PTO drive shafts, guards, overload and overrunning clutches.

All the latest range extensions and new developments are already included.

This new Catalogue supersedes all previous Spare Parts Catalogues.

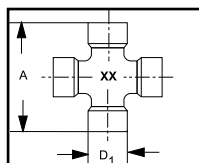
Should you require further information, our specialists from Applications Engineering will be more than pleased to help.

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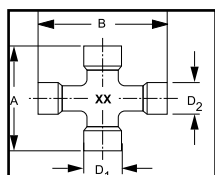
IDENTIFICATION GUIDE

DRIVE SHAFTS

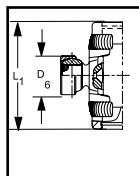
Cross **W** & **P**



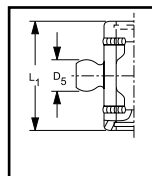
Cross **WW** & **PW**



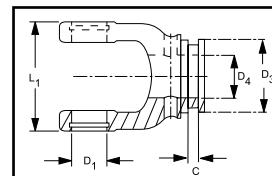
PW



WW

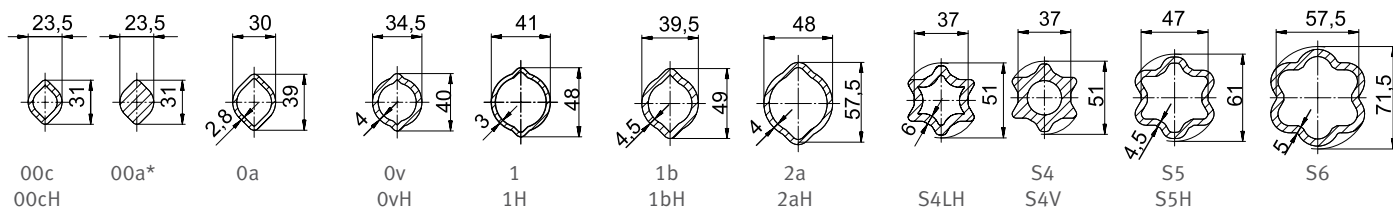


W & **P**

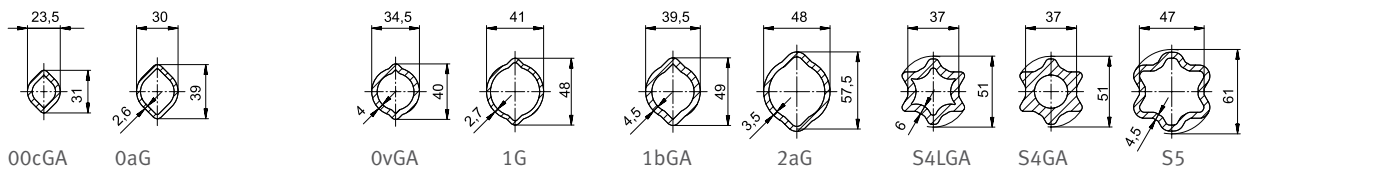


Size			Cross dimensions					Yoke dimensions										
			Type W & P (Power Drive)					Type W & P		Type W		Profile		Type P				
W	P		A	B	D1	D2	XX	L1	D1	C	D5	D3	D4	D3	C	D6		
W	P	2000		47		18		19	56	18	5		47	00c/0a				
		2100		55		22		10	63	22	5		47	00c/0a				
		2200		61		24		20	70	24	5		58	0v/1				
		2300	300	75		27		21	84	27	5		47	00c/0a				
		2400	400	76		32		35	86	32	5		58	0v/1				
		2500	500	89		36		36	100	36	5		70	S4/S5	85	11		
		2600	600	104		42		26	120	42	5		70	S4/S5	85	11		
2700	700	118		50		27	138	50	5		90	S5H/S6	104	16				
WW	PW	2280		61	76	24	22	20	70	24	5	22	74	00a/0aG				
		2380		75	91	27	24	21	84	27	5	24	58	0vGA/1G				
		2480	480	76	94	32	27	35	86	32	5	27	70	1bGA/2aG	70	5	33	
		2580	580	89	106	36	32	36	100	36	5	30	70	S4LGA/S5	70	5	39	

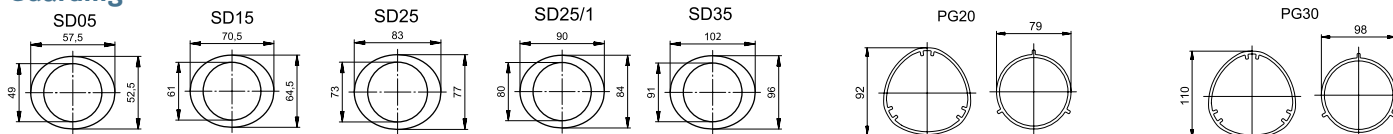
Profile



Profile coated



Guarding



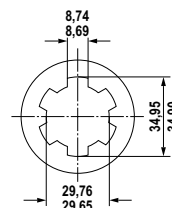
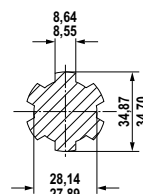
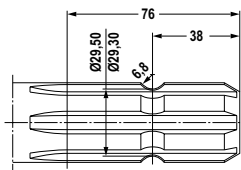
* Profile shaft 00a replaced by profile tube 00c or 00cH.

IDENTIFICATION GUIDE

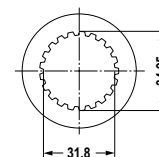
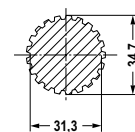
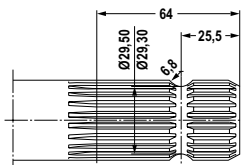
DRIVE SHAFTS

SPLINED PROFILE

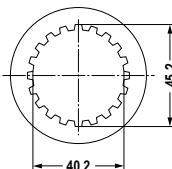
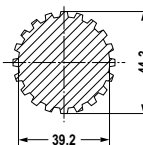
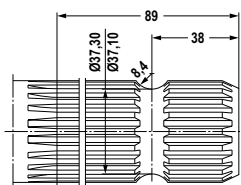
1 3/8" (6)



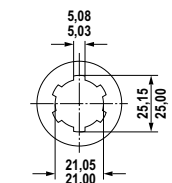
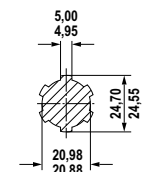
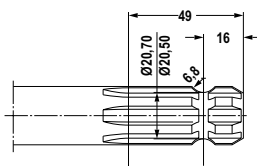
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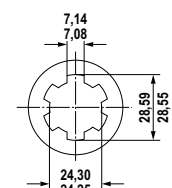
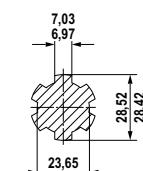
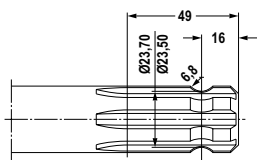
1 3/4" (20)



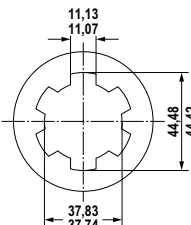
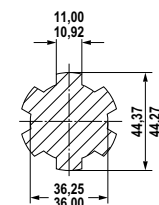
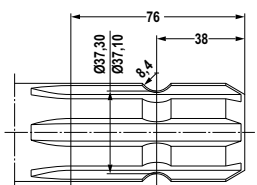
6 X 21 X 25



1 1/8" (6)



1 3/4" (6)



8 X 32 X 38

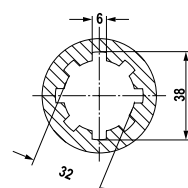
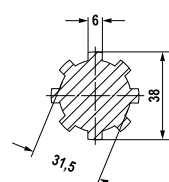
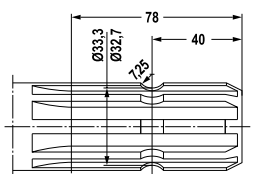


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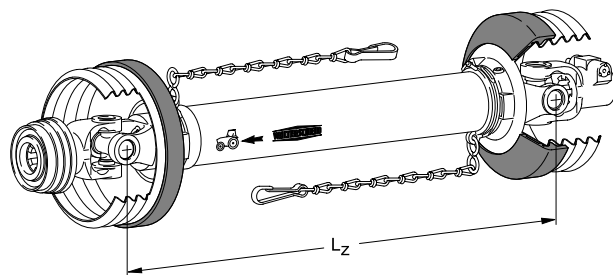
1. DRIVE SHAFTS

- 1.1. SERIES **W**
- 1.2. SERIES **P** (POWER DRIVE)
- 1.3. SERIES **W...E** (ECOLINE)
- 1.4. SERIES **W** WITH SINGLE WIDE ANGLE JOINT **WWE**
- 1.5. SERIES **W** WITH DOUBLE WIDE ANGLE JOINT **WWZ**
- 1.6. SERIES **W** DRIVE SHAFTS HALF
- 1.7. SERIES **P** WITH SINGLE WIDE ANGLE JOINT **PWE**
- 1.8. SERIES **P** WITH DOUBLE WIDE ANGLE JOINT **PWZ**
- 1.9. SERIES **P** DRIVE SHAFTS HALF



1. DRIVE SHAFTS

1.1. SERIES W



W PTO DRIVE SHAFTS COMPLETE

Tractor side connecting yokes and guard according to DIN EN 12965

A (profile) = Tractor-side connection

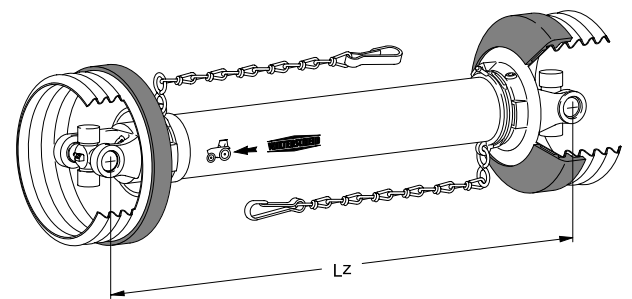
B (profile) = Implement-side connection

Type	Size	Lz	Guards	Profile pairing	Style	A	B	Part No.
		[mm]						
W	2100	560	SD05	00cH/0a	ASGE / AG	1 3/8" (6)	1 3/8" (6)	1692607
W	2100	710	SD05	00cH/0a	ASGE / AG	1 3/8" (6)	1 3/8" (6)	1692608
W	2100	860	SD05	00cH/0a	ASGE / AG	1 3/8" (6)	1 3/8" (6)	1692610
W	2100	1010	SD05	00cH/0a	ASGE / AG	1 3/8" (6)	1 3/8" (6)	1692609
W	2100	1210	SD05	00cH/0a	ASGE / AG	1 3/8" (6)	1 3/8" (6)	1692611
W	2200	560	SD15	0v/1	ASGE / AG	1 3/8" (6)	1 3/8" (6)	1690126
W	2200	710	SD15	0v/1	ASGE / AG	1 3/8" (6)	1 3/8" (6)	1690127
W	2200	860	SD15	0v/1	ASGE / AG	1 3/8" (6)	1 3/8" (6)	1690138
W	2200	1010	SD15	0v/1	ASGE / AG	1 3/8" (6)	1 3/8" (6)	1690136
W	2200	1210	SD15	0v/1	ASGE / AG	1 3/8" (6)	1 3/8" (6)	1690135
W	2300	560	SD15	0v/1	ASGE / AG	1 3/8" (6)	1 3/8" (6)	1690315
W	2300	710	SD15	0v/1	ASGE / AG	1 3/8" (6)	1 3/8" (6)	1690317
W	2300	860	SD15	0v/1	ASGE / AG	1 3/8" (6)	1 3/8" (6)	1690312
W	2300	1010	SD15	0v/1	ASGE / AG	1 3/8" (6)	1 3/8" (6)	1690318
W	2300	1210	SD15	0v/1	ASGE / AG	1 3/8" (6)	1 3/8" (6)	1690319
W	2300	560	SD25	1b/2a	ASGE / AG	1 3/8" (6)	1 3/8" (6)	1690364
W	2300	710	SD25	1b/2a	ASGE / AG	1 3/8" (6)	1 3/8" (6)	1690366
W	2300	860	SD25	1b/2a	ASGE / AG	1 3/8" (6)	1 3/8" (6)	1690367
W	2300	1010	SD25	1b/2a	ASGE / AG	1 3/8" (6)	1 3/8" (6)	1690368
W	2300	1210	SD25	1b/2a	ASGE / AG	1 3/8" (6)	1 3/8" (6)	1690355
W	2400	560	SD25	1b/2a	ASGE / AG	1 3/8" (6)	1 3/8" (6)	1690759
W	2400	710	SD25	1b/2a	ASGE / AG	1 3/8" (6)	1 3/8" (6)	1690765
W	2400	860	SD25	1b/2a	ASGE / AG	1 3/8" (6)	1 3/8" (6)	1690766
W	2400	1010	SD25	1b/2a	ASGE / AG	1 3/8" (6)	1 3/8" (6)	1690764
W	2400	1210	SD25	1b/2a	ASGE / AG	1 3/8" (6)	1 3/8" (6)	1690768
W	2400	560	SD25	S4LH/S5	ASGE / AG	1 3/8" (6)	1 3/8" (6)	1690846
W	2400	710	SD25	S4LH/S5	ASGE / AG	1 3/8" (6)	1 3/8" (6)	1690840
W	2400	860	SD25	S4LH/S5	ASGE / AG	1 3/8" (6)	1 3/8" (6)	1690847
W	2400	1010	SD25	S4LH/S5	ASGE / AG	1 3/8" (6)	1 3/8" (6)	1690848
W	2400	1210	SD25	S4LH/S5	ASGE / AG	1 3/8" (6)	1 3/8" (6)	1690841
W	2500	560	SD25	S4/S5	ASG / AG	1 3/8" (6)	1 3/8" (6)	1691185

1. DRIVE SHAFTS

1.1. SERIES W

Type	Size	Lz	Guards	Profile pairing	Style	A	B	Part No.
		[mm]						
W	2500	710	SD25	S4/S5	ASG / AG	1 3/8" (6)	1 3/8" (6)	1691184
W	2500	860	SD25	S4/S5	ASG / AG	1 3/8" (6)	1 3/8" (6)	1691182
W	2500	1010	SD25	S4/S5	ASG / AG	1 3/8" (6)	1 3/8" (6)	1691181
W	2500	1210	SD25	S4/S5	ASG / AG	1 3/8" (6)	1 3/8" (6)	1691176
W	2600	860	SD35	S5H/S6	ASG / AG	1 3/8" (6)	1 3/8" (6)	1691500
W	2600	1010	SD35	S5H/S6	ASG / AG	1 3/8" (6)	1 3/8" (6)	1691501
W	2600	1210	SD35	S5H/S6	ASG / AG	1 3/8" (6)	1 3/8" (6)	1691502



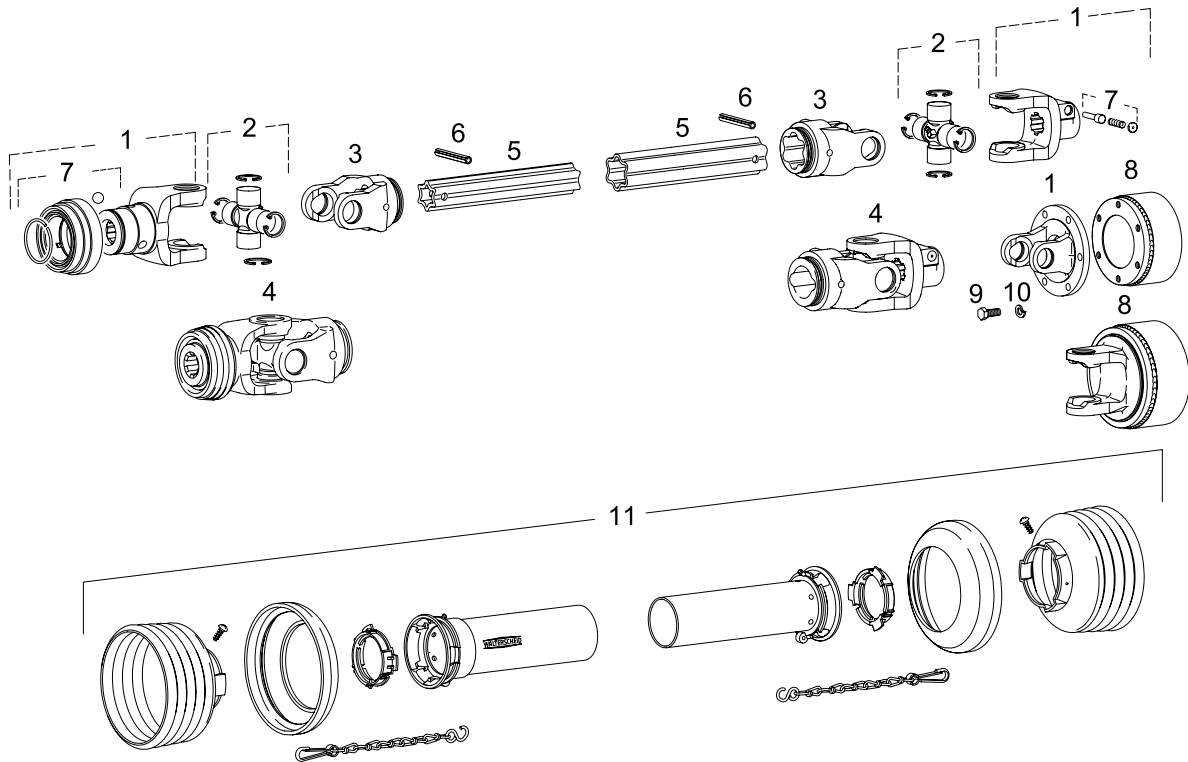
W DRIVE SHAFTS WITHOUT CONNECTING YOKES

Guard according to DIN EN 12965, install tractor side connecting yokes according to the specifications in the standard

Type	Size	Lz	Guards	Profile pairing	Part No.
		[mm]			
W	2100	860	SD05	00cH/0a	1112494
W	2100	1210	SD05	00cH/0a	1112496
W	2200	860	SD15	0v/1	1112497
W	2200	1210	SD15	0v/1	1112499
W	2300	860	SD15	0v/1	1112500
W	2300	1210	SD15	0v/1	1112502
W	2300	860	SD25	1b/2a	1112503
W	2300	1210	SD25	1b/2a	1112505
W	2400	860	SD25	1b/2a	1111278
W	2400	1210	SD25	1b/2a	1112506
W	2400	860	SD25	S4LH/S5	1112509
W	2400	1210	SD25	S4LH/S5	1112511
W	2500	860	SD25	S4/S5	1101141
W	2500	1210	SD25	S4/S5	1108431
W	2600	860	SD35	S5H/S6	1185262
W	2600	1210	SD35	S5H/S6	1111025

1. DRIVE SHAFTS

1.1. SERIES W

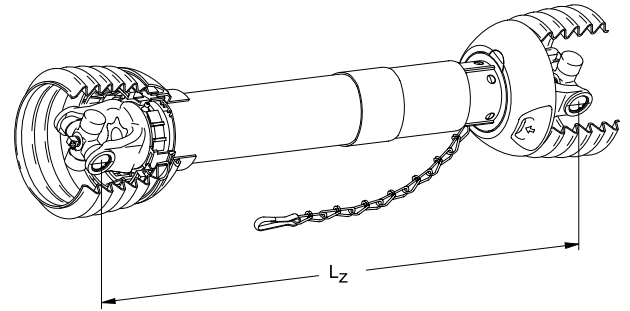


W DRIVE SHAFTS COMPONENTS

Pos.	Designation	Part No.
1	Connecting yokes series W and P (Power Drive)	see page 34
1	Flange yokes Series W and P (Power Drive)	see page 44
2	Cross and bearing kits series W	see page 66
2	Cross and bearing kits series P	see page 45
3	Inboard yokes Series W	see page 29
4	Joints for Series W	see page 71
5	profiles	see page 28
6	Clamping pins	see page 75
7	Locking mechanism for yokes & clutches	see page 81
8	Clutches	see page 81
9	Hexagon screw	see clutches page 81
10	Spring washers	see clutches page 81
11	Guards	see page 183

1. DRIVE SHAFTS

1.2. SERIES P (POWER DRIVE)



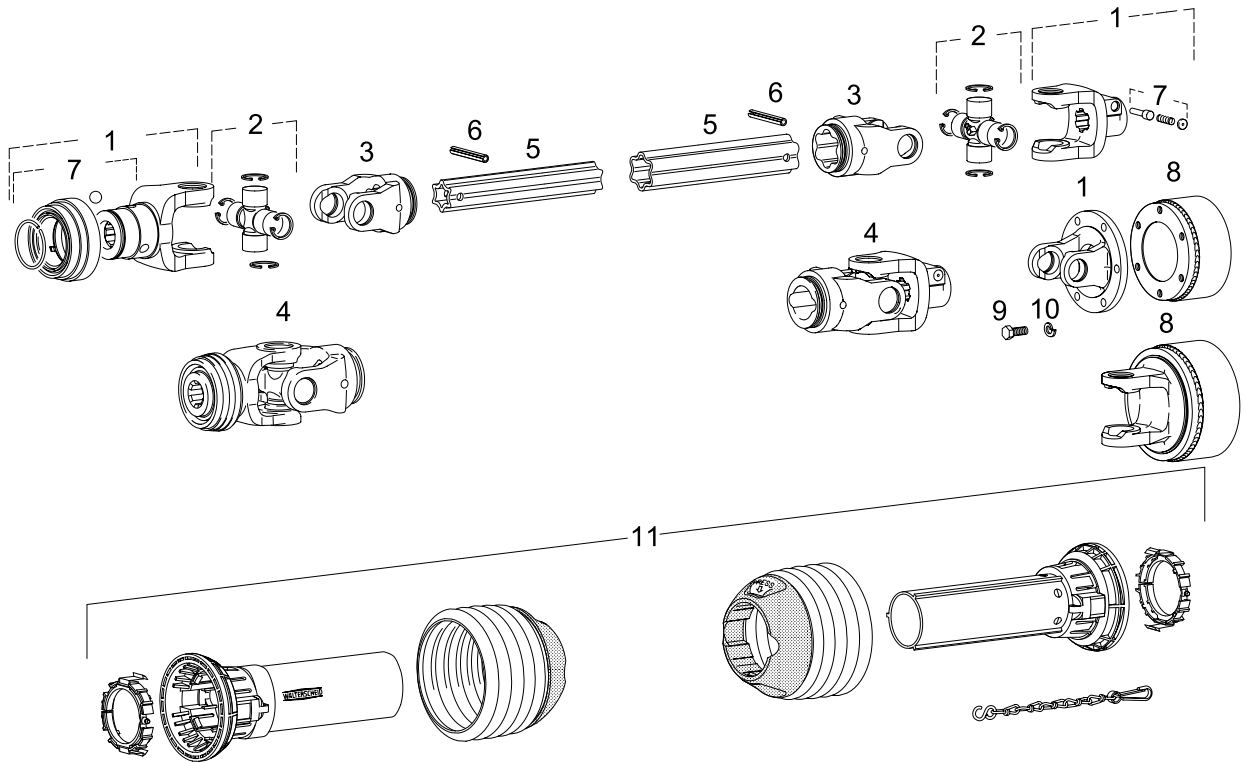
P POWER DRIVE DRIVE SHAFTS WITHOUT CONNECTING YOKES

Guard according to DIN EN 12965, install tractor side connecting yokes according to the specifications in the standard

Type	Size	Lz [mm]	Guards	Profile pairing	Part No.
P	400	1210	PG20	1bH/2a	1133746
P	400	810	PG20	S4LH/S5	1128368
P	400	1210	PG20	S4LH/S5	1133747
P	500	810	PG20	S4LH/S5	1124406
P	500	1210	PG20	S4LH/S5	1133749
P	600	810	PG30	S5H/S6	1124407
P	600	1210	PG30	S5H/S6	1133748
P	700	810	PG30	S5H/S6	1133806
P	700	1210	PG30	S5H/S6	1133805

1. DRIVE SHAFTS

1.2. SERIES P (POWER DRIVE)

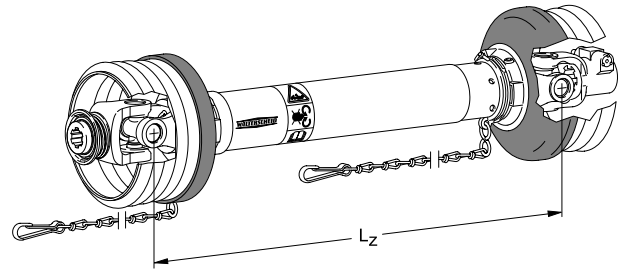


P POWER DRIVE DRIVE SHAFTS - INDIVIDUAL PARTS

Pos.	Designation	Part No.
1	Connecting yokes series W and P (Power Drive)	see page 34
1	Flange yokes Series W and P (Power Drive)	see page 44
2	Cross and bearing kits series P	see page 66
3	Inboard yokes Series P (Power Drive)	see page 45
4	Joints for Series P (Power Drive)	see page 33
5	profiles	see page 71
6	Clamping pins	see page 28
7	Locking mechanism for yokes & clutches	see page 75
8	Clutches	see page 81
9	Hexagon screw	see clutches page 81
10	Spring washers	see clutches page 81
11	Guards for drive shafts	see page 183

1. DRIVE SHAFTS

1.3. SERIES W...E (ECOLINE)



W...E ECOLINE DRIVE SHAFTS

Tractor side connecting yokes and guard according to DIN EN 12965

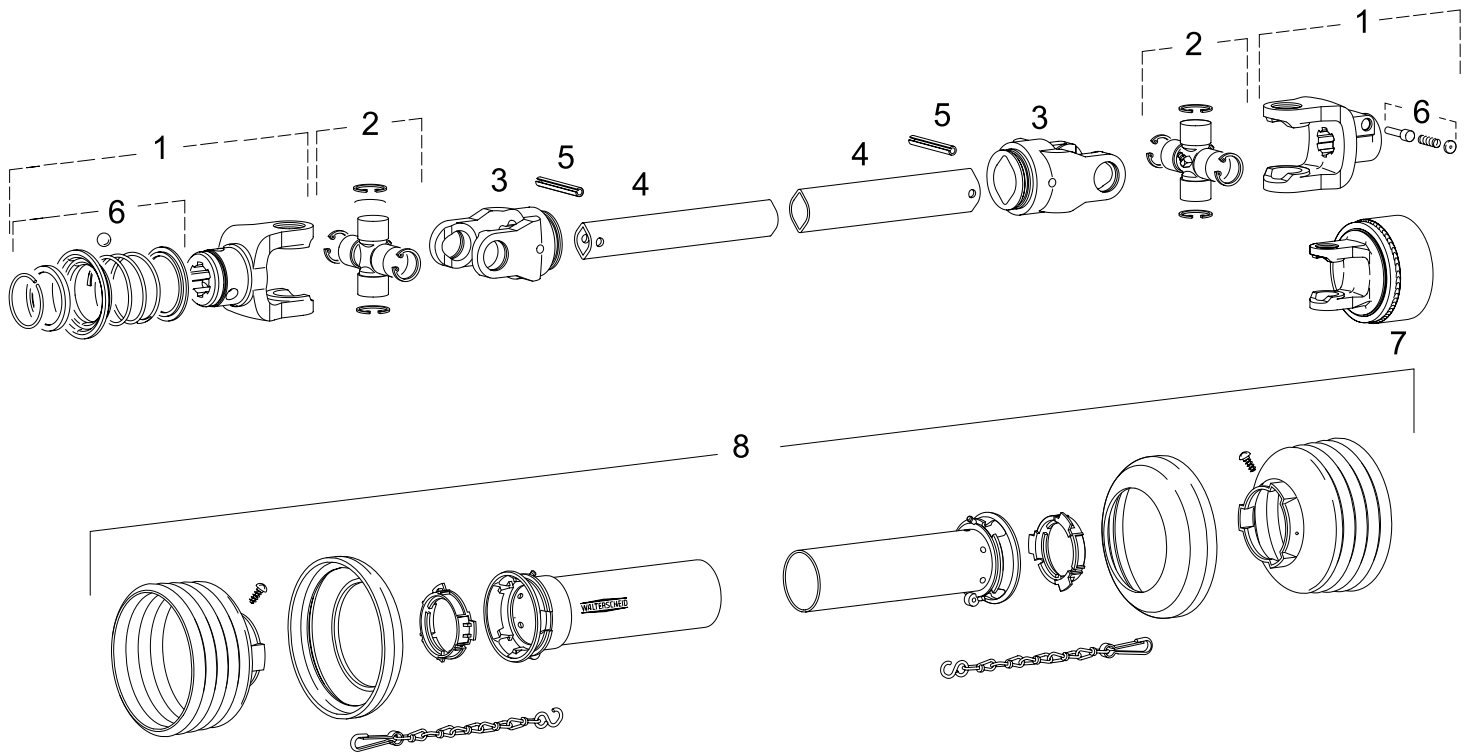
A (profile) = Tractor-side connection

B (profile) = Implement-side connection

Type	Size	Lz	Guards	Profile pairing	Style	A	B	Part No.
		[mm]						
W	100E	560	SD05	00c/0a	AZG / AG	1 3/8" (6)	1 3/8" (6)	1692718
W	100E	710	SD05	00c/0a	AZG / AG	1 3/8" (6)	1 3/8" (6)	1692717
W	100E	860	SD05	00c/0a	AZG / AG	1 3/8" (6)	1 3/8" (6)	1692715
W	100E	1010	SD05	00c/0a	AZG / AG	1 3/8" (6)	1 3/8" (6)	1692716
W	100E	1210	SD05	00c/0a	AZG / AG	1 3/8" (6)	1 3/8" (6)	1694256
W	200E	560	SD15	0v/1	AZG / AG	1 3/8" (6)	1 3/8" (6)	1692997
W	200E	710	SD15	0v/1	AZG / AG	1 3/8" (6)	1 3/8" (6)	1692994
W	200E	860	SD15	0v/1	AZG / AG	1 3/8" (6)	1 3/8" (6)	1692996
W	200E	1010	SD15	0v/1	AZG / AG	1 3/8" (6)	1 3/8" (6)	1692995
W	200E	1210	SD15	0v/1	AZG / AG	1 3/8" (6)	1 3/8" (6)	1692998
W	300E	560	SD15	0v/1	AZG / AG	1 3/8" (6)	1 3/8" (6)	1692761
W	300E	710	SD15	0v/1	AZG / AG	1 3/8" (6)	1 3/8" (6)	1692766
W	300E	860	SD15	0v/1	AZG / AG	1 3/8" (6)	1 3/8" (6)	1692765
W	300E	1010	SD15	0v/1	AZG / AG	1 3/8" (6)	1 3/8" (6)	1692763
W	300E	1210	SD15	0v/1	AZG / AG	1 3/8" (6)	1 3/8" (6)	1692764
W	400E	560	SD25	1b/2a	AZG / AG	1 3/8" (6)	1 3/8" (6)	1692810
W	400E	710	SD25	1b/2a	AZG / AG	1 3/8" (6)	1 3/8" (6)	1692813
W	400E	860	SD25	1b/2a	AZG / AG	1 3/8" (6)	1 3/8" (6)	1692812
W	400E	1010	SD25	1b/2a	AZG / AG	1 3/8" (6)	1 3/8" (6)	1692811
W	400E	1210	SD25	1b/2a	AZG / AG	1 3/8" (6)	1 3/8" (6)	1692808

1. DRIVE SHAFTS

1.3. SERIES W...E (ECOLINE)

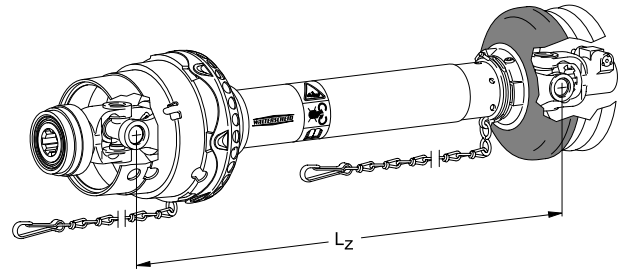


W...E ECOLINE DRIVE SHAFTS - INDIVIDUAL PARTS

Pos.	Designation	Part No.
1	Connecting yokes series W and P (Power Drive)	see page 34
2	Cross and bearing kits series W	see page 65
3	Inboard yokes Series W	see page 45
4	profiles	see page 71
5	Clamping pins	see page 28
6	Locking mechanism for yokes & clutches	see page 75
7	Clutches	see page 81
8	Guards	see page 183

1. DRIVE SHAFTS

1.4. SERIES W



WWE DRIVE SHAFTS WITH WIDE ANGLE JOINT ON ONE SIDE

Tractor side connecting yokes and guard according to DIN EN 12965

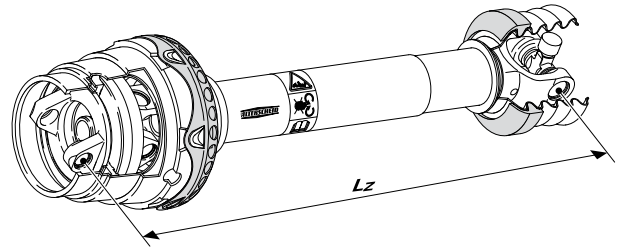
A (profile) = Tractor-side connection

B (profile) = Implement-side connection

Type	Size	Lz	Guards	Profile pairing	Style	A	B	Part No.
		[mm]						
WWE	2280	860	SDF15	0vGA/1G	ASGE / AG	1 3/8" (6)	1 3/8" (6)	1691895
WWE	2280	1210	SDF15	0vGA/1G	ASGE / AG	1 3/8" (6)	1 3/8" (6)	1691897
WWE	2380	860	SDF15	0vGA/1G	ASGE / AG	1 3/8" (6)	1 3/8" (6)	1691979
WWE	2380	1210	SDF15	0vGA/1G	ASGE / AG	1 3/8" (6)	1 3/8" (6)	1691981
WWE	2380	860	SDF25	1bGA/2aG	ASGE / AG	1 3/8" (6)	1 3/8" (6)	1691985
WWE	2380	1210	SDF25	1bGA/2aG	ASGE / AG	1 3/8" (6)	1 3/8" (6)	1691989
WWE	2480	860	SDF25	1bGA/2aG	ASGE / AG	1 3/8" (6)	1 3/8" (6)	1691636
WWE	2480	1210	SDF25	1bGA/2aG	ASGE / AG	1 3/8" (6)	1 3/8" (6)	1691631
WWE	2480	860	SDF25	S4LGA/S5	ASGE / AG	1 3/8" (6)	1 3/8" (6)	1146282
WWE	2480	1210	SDF25	S4LGA/S5	ASGE / AG	1 3/8" (6)	1 3/8" (6)	1691634
WWE	2580	860	SDF25	S4GA/S5	ASG / AG	1 3/8" (6)	1 3/8" (6)	1692141
WWE	2580	1210	SDF25	S4GA/S5	ASG / AG	1 3/8" (6)	1 3/8" (6)	1692138

1. DRIVE SHAFTS

1.4. SERIES W



WWE DRIVE SHAFTS WITH WIDE ANGLE JOINT ON ONE SIDE WITHOUT CONNECTING YOKES

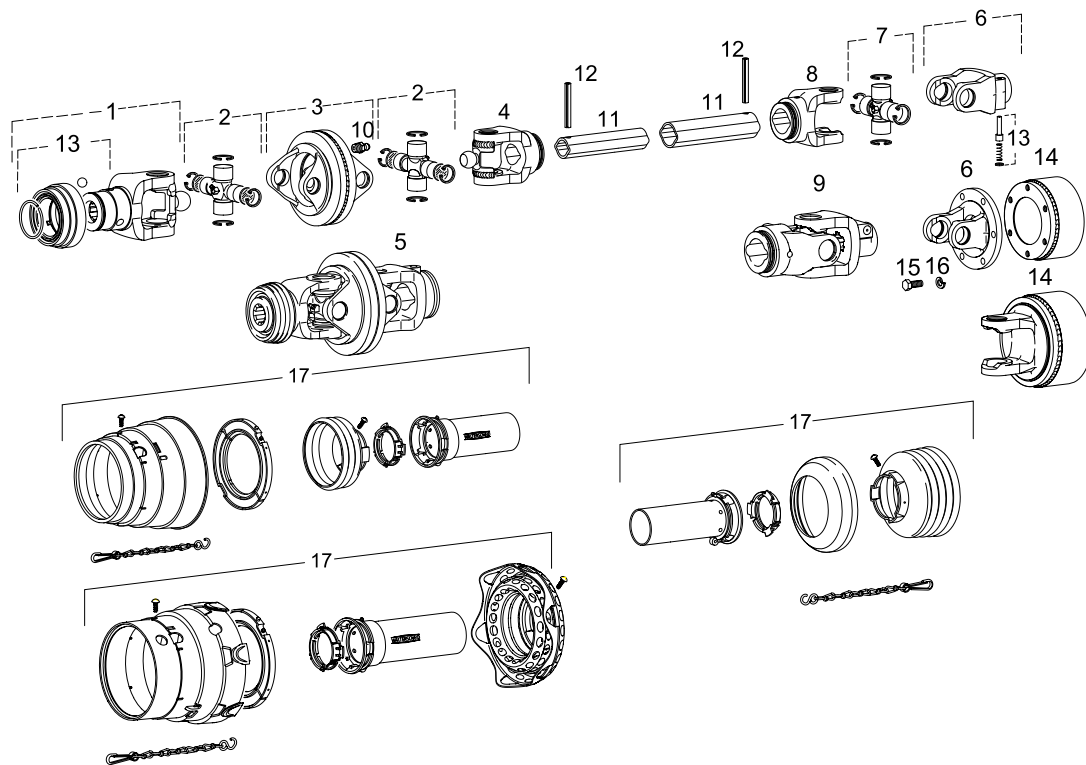
A wide angle cross and bearing kit must also be ordered for this version.

Guard according to DIN EN 12965, install tractor side connecting yokes according to the specifications in the standard

Type	Size	Lz [mm]	Guards	Profile pairing	Part No.
WWE	2280	1210	SDF15	0vGA/1G	1694462
WWE	2380	1210	SDF15	0vGA/1G	1694464
WWE	2380	1210	SDF25	1bGA/2aG	1694465
WWE	2480	860	SDF25	1bGA/2aG	1694530
WWE	2480	1210	SDF25	1bGA/2aG	1694466
WWE	2480	860	SDF25	S4LGA/S5	1139316
WWE	2480	1210	SDF25	S4LGA/S5	1139191
WWE	2580	860	SDF25	S4GA/S5	1694531
WWE	2580	1210	SDF25	S4GA/S5	1694467

1. DRIVE SHAFTS

1.4. SERIES W

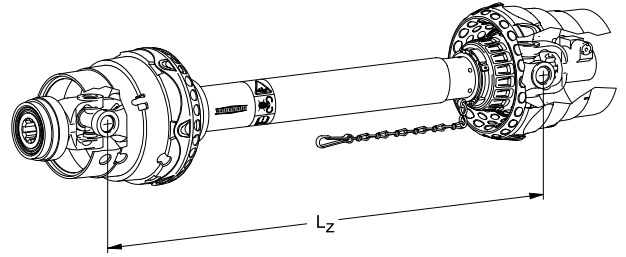


WWE DRIVE SHAFT WITH WIDE ANGLE JOINT ON ONE SIDE - INDIVIDUAL PARTS

Pos.	Designation	Part No.
1	Connecting yokes - wide angle 80° series W	see page 51
2	Cross and bearing kits -wide angle 80° series W	see page 67
2	WW- Cross and bearing kits P- seals	see page 69
3	Wide angle double yokes 80° Series W	see page 58
4	Wide angle inboard yokes 80° Series W	see page 58
5	Wide angle yokes 80° for Series W	see page 31
6	Flange yokes Series W and P (Power Drive)	see page 44
6	Connecting yokes series W and P (Power Drive)	see page 34
7	Cross and bearing kits series W	see page 65
7	Cross and bearing kits series P	see page 66
8	Inboard yokes Series W	see page 45
9	Joints for Series W	see page 29
10	Zerk	102672
11	profiles	see page 71
12	Clamping pins	see page 28
13	Locking mechanism for yokes & clutches	see page 75
14	Clutches	see page 81
15	Hexagon screw	see clutches page 81
16	Spring washers	see clutches page 81
17	Guards	see page 183

1. DRIVE SHAFTS

1.5. SERIES W



WWZ DRIVE SHAFTS WITH WIDE ANGLE JOINT ON BOTH SIDES

Tractor side connecting yokes and guard according to DIN EN 12965

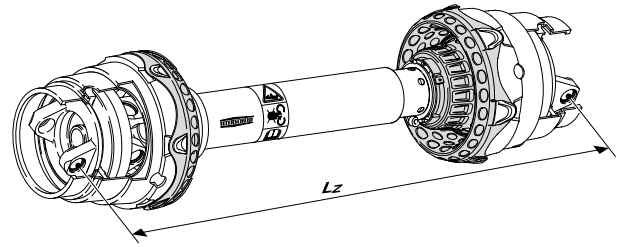
A (profile) = Tractor-side connection

B (profile) = Implement-side connection

Type	Size	Lz [mm]	Guards	Profile pairing	Style	A	B	Part No.
WWZ	2280	860	SDF15	0vGA/1G	ASGE / AG	1 3/8" (6)	1 3/8" (6)	1691914
WWZ	2280	1210	SDF15	0vGA/1G	ASGE / AG	1 3/8" (6)	1 3/8" (6)	1691916
WWZ	2380	860	SDF15	0vGA/1G	ASGE / AG	1 3/8" (6)	1 3/8" (6)	1692057
WWZ	2380	1210	SDF15	0vGA/1G	ASGE / AG	1 3/8" (6)	1 3/8" (6)	1692016
WWZ	2380	860	SDF25	1bGA/2aG	ASGE / AG	1 3/8" (6)	1 3/8" (6)	1692019
WWZ	2380	1210	SDF25	1bGA/2aG	ASGE / AG	1 3/8" (6)	1 3/8" (6)	1146281
WWZ	2480	860	SDF25	1bGA/2aG	ASGE / AG	1 3/8" (6)	1 3/8" (6)	1691671
WWZ	2480	1210	SDF25	1bGA/2aG	ASGE / AG	1 3/8" (6)	1 3/8" (6)	1691672
WWZ	2480	860	SDF25	S4LGA/S5	ASGE / AG	1 3/8" (6)	1 3/8" (6)	1146283
WWZ	2480	1210	SDF25	S4LGA/S5	ASGE / AG	1 3/8" (6)	1 3/8" (6)	1691665
WWZ	2580	860	SDF25	S4GA/S5	ASG / AG	1 3/8" (6)	1 3/8" (6)	1146284
WWZ	2580	1210	SDF25	S4GA/S5	ASG / ASG	1 3/8" (6)	1 3/8" (6)	1692170

1. DRIVE SHAFTS

1.5. SERIES W



WWZ DRIVE SHAFTS WITH WIDE ANGLE JOINT ON BOTH SIDES WITHOUT CONNECTING YOKES

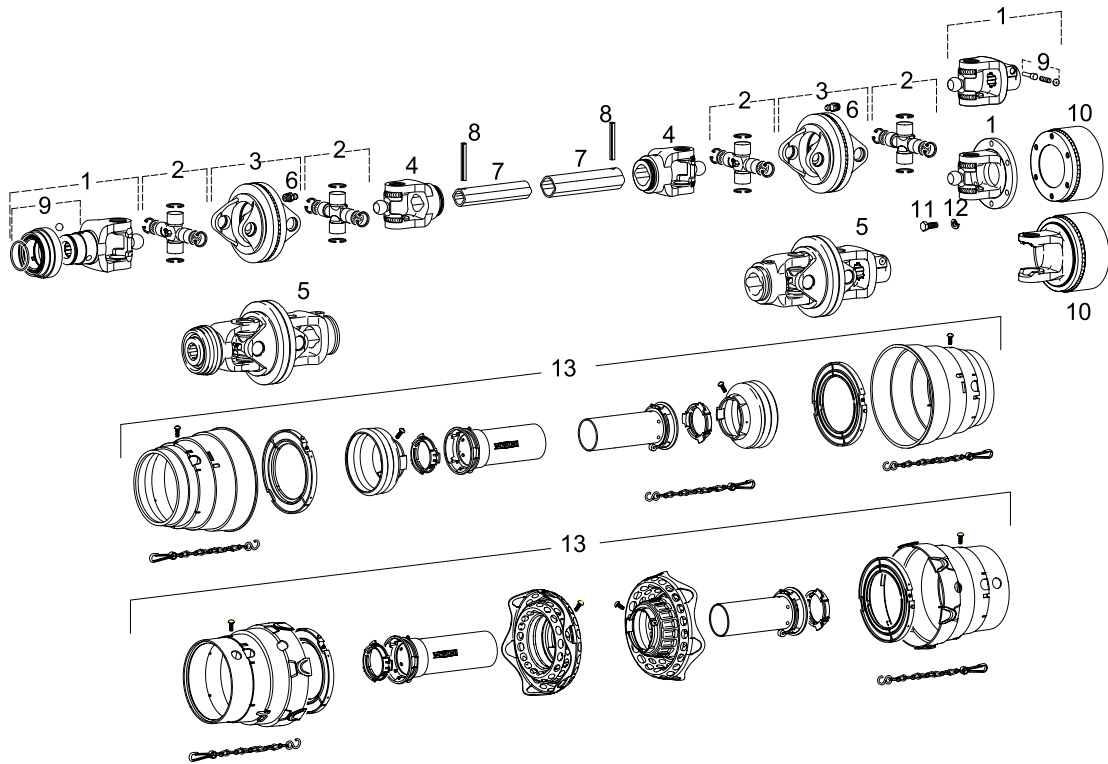
Two wide angle cross and bearing kits must also be ordered for this version.

Guard according to DIN EN 12965, install tractor side connecting yokes according to the specifications in the standard

Type	Size	Lz [mm]	Guards	Profile pairing	Part No.
WWZ	2280	1210	SDF15	0vGA/1G	1694468
WWZ	2380	1210	SDF15	0vGA/1G	1694469
WWZ	2380	1210	SDF25	1bGA/2aG	1694470
WWZ	2480	1210	SDF25	1bGA/2aG	1694471
WWZ	2480	1210	SDF25	S4LGA/S5	1139317
WWZ	2580	1210	SDF25	S4GA/S5	1694472

1. DRIVE SHAFTS

1.5. SERIES W

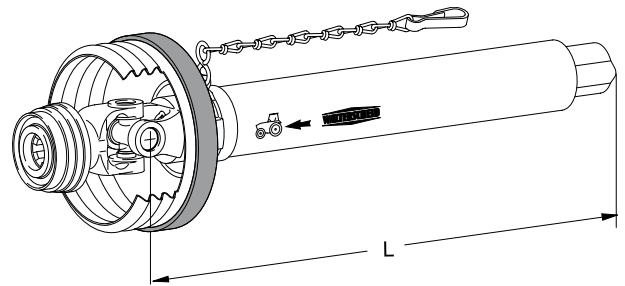


WWZ DRIVE SHAFT WITH WIDE ANGLE JOINT ON BOTH SIDES - INDIVIDUAL PARTS

Pos.	Designation	Part No.
	Flange yokes Series W and P (Power Drive)	see page 44
1	Connecting yokes - wide angle 80° series W	see page 51
2	Cross and bearing kits -wide angle 80° series W	see page 67
2	WW- Cross and bearing kits P- seals	see page 69
3	Wide angle double yokes 80° Series W	see page 58
4	Wide angle inboard yokes 80° Series W	see page 58
5	Wide angle yokes 80° for Series W	see page 31
6	Zerk	102672
7	profiles	see page 71
8	Clamping pins	see page 28
9	Locking mechanism for yokes & clutches	see page 75
10	Clutches	see page 81
11	Hexagon screw	see clutches page 81
12	Spring washers	see clutches page 81
13	Guards for drive shafts	see page 183

1. DRIVE SHAFTS

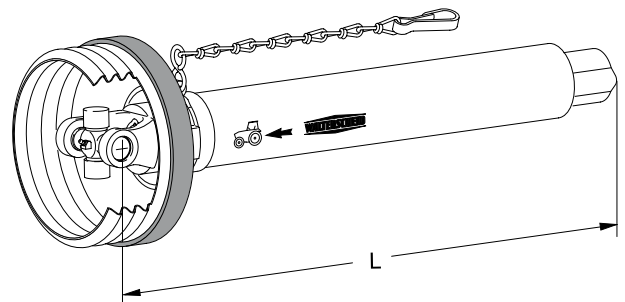
1.6. SERIES W



WH OUTER DRIVE SHAFT HALF

Tractor-side connection yokes and guard comply with DIN EN 12965
A (profile) = Tractor-side connection

Type	Size	L [mm]	Guards	Profile	Style	A [Profile]	Part No.
WH	2300	1130	SD15	0v	ASGE	1 3/8 (6)	1696015
WH	2300	1130	SD25	1b	ASGE	1 3/8 (6)	1696016
WH	2400	1130	SD25	1b	ASGE	1 3/8 (6)	1696018
WH	2400	1130	SD25	S4LH	ASGE	1 3/8 (6)	1696020



WH OUTER DRIVE SHAFT HALF WITHOUT CONNECTING YOKES

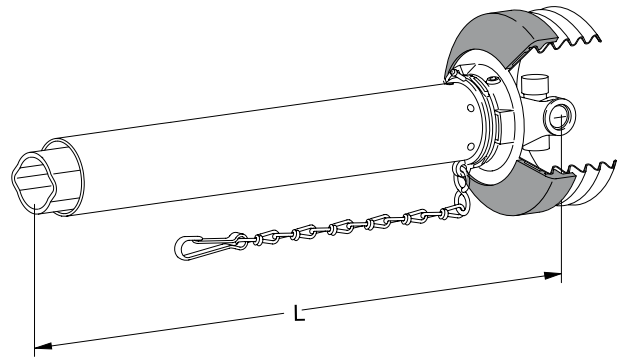
Tractor-side connection yokes and guard comply with DIN EN 12965
A (profile) = Tractor-side connection

Type	Size	L [mm]	Guards	Profile	A	Part No.
WH	2500	1116	SD25	S4	ZK	1696022
WH	2600	1107	SD35	S5H	ZK	1696024

ZK = Cross

1. DRIVE SHAFTS

1.6. SERIES W

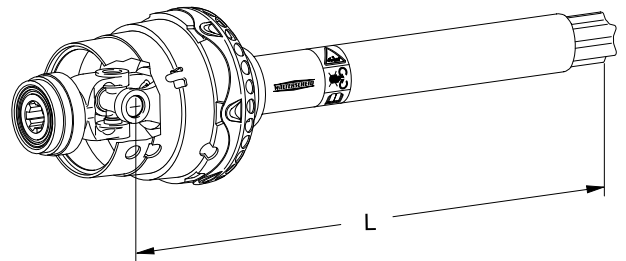


WH INNER DRIVE SHAFT HALF WITHOUT CONNECTING YOKES

B (profile) = Implement-side connection

Type	Size	L [mm]	Guards	Profile	B	Part No.
WH	2300	1125	SD15	1	ZK	1696014
WH	2300	1125	SD25	2a	ZK	1696017
WH	2400	1115	SD25	2a	ZK	1696019
WH	2400	1115	SD25	S5	ZK	1696021
WH	2500	1101	SD25	S5	ZK	1696023
WH	2600	1077	SD35	S6	ZK	1696025

ZK = Cross



WWH OUTER DRIVE SHAFT HALF

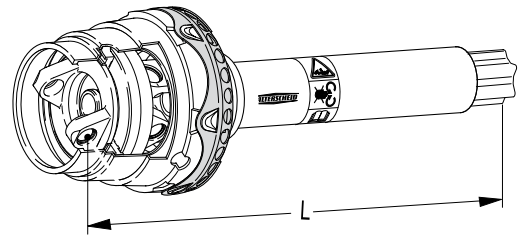
Tractor-side connection yokes and guard comply with DIN EN 12965

A (profile) = Tractor-side connection

Type	Size	L [mm]	Guards	Profile	Style	A [Profile]	Part No.
WWH	2480	1134	SDF25	1bGA	ASGE	1 3/8" (6)	1696032
WWH	2380	1125	SDF15	0vGA	ASGE	1 3/8" (6)	1696027
WWH	2380	1125	SDF25	1bGA	ASGE	1 3/8" (6)	1696028
WWH	2480	1134	SDF25	S4LGA	ASGE	1 3/8" (6)	1696035

1. DRIVE SHAFTS

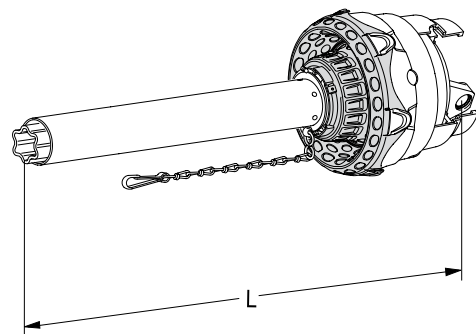
1.6. SERIES W



WWH OUTER DRIVE SHAFT HALF WITHOUT CONNECTING YOKES

A wide-angle cross-and-bearing kit must additionally be ordered for this version.
Guard according to DIN EN 12965, install tractor side connecting yokes according to the specifications in the standard
A (profile) = Tractor-side connection

Type	Size	L [mm]	Guards	Profile	A	Part No.
WWH	2480	1134	SDF25	1bGA	DOPG	1696031
WWH	2480	1134	SDF25	S4LGA	DOPG	1696034
WWH	2580	1114	SDF25	S4GA	DOPG	1696037



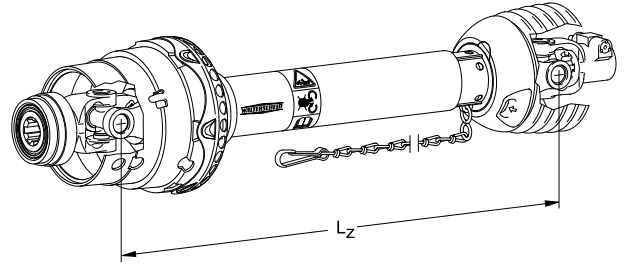
WWH INNER DRIVE SHAFT HALF WITHOUT CONNECTING YOKES

A wide-angle cross-and-bearing kit must additionally be ordered for this version.
Guard according to DIN EN 12965
B (profile) = Implement-side connection

Type	Size	L [mm]	Guards	Profile	B	Part No.
WWH	2280	1045	SDF15	1G	DOPG	1696026
WWH	2380	1030	SDF15	1G	DOPG	1696029
WWH	2380	1030	SDF25	2aG	DOPG	1696030
WWH	2480	1010	SDF25	2aG	DOPG	1696033
WWH	2480	1010	SDF25	S5	DOPG	1696036
WWH	2580	984	SDF25	S5	DOPG	1696038

1. DRIVE SHAFTS

1.7. SERIES P (POWER DRIVE)



PWE POWER DRIVE DRIVE SHAFTS WITH WIDE ANGLE JOINT ON ONE SIDE

Tractor side connecting yokes and guard according to DIN EN 12965

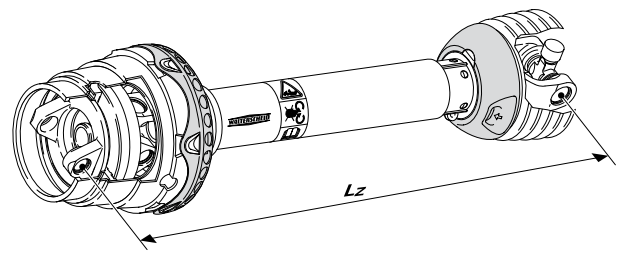
A (profile) = Tractor-side connection

B (profile) = Implement-side connection

Type	Size	Lz	Guards	Profile pairing	Style	A	B	Part No.
		[mm]				[Profile]	[Profile]	
PWE	480	1210	SPGF20	1bGA/2aG	QSG / AG	1 3/8" (6)	1 3/8" (6)	1694617
PWE	480	1210	SPGF20	1bGA/2aG	QSG / AG	1 3/8" (21)	1 3/8" (6)	1694685
PWE	480	1210	SPGF20	1bGA/2aG	QSG / AG	1 3/4" (6)	1 3/8" (6)	1694686
PWE	480	1210	SPGF20	1bGA/2aG	QSG / AG	1 3/4" (20)	1 3/8" (6)	1694687
PWE	480	1210	SPGF20	S4LGA/S5	QSG / AG	1 3/8" (6)	1 3/8" (6)	1138119
PWE	580	1210	SPGF20	S4GA/S5	QSG / AG	1 3/8" (6)	1 3/8" (6)	1138461
PWE	580	1210	SPGF20	S4GA/S5	QSG / AG	1 3/8" (21)	1 3/8" (6)	1138463
PWE	580	1210	SPGF20	S4GA/S5	QSG / AG	1 3/4" (20)	1 3/8" (6)	1138465
PWE	580	1210	SPGF20	S4GA/S5	QSG / AG	1 3/4" (6)	1 3/8" (6)	1138467

1. DRIVE SHAFTS

1.7. SERIES P (POWER DRIVE)



PWE POWER DRIVE DRIVE SHAFTS WITH WIDE ANGLE JOINT ON ONE SIDE WITHOUT CONNECTING YOKES

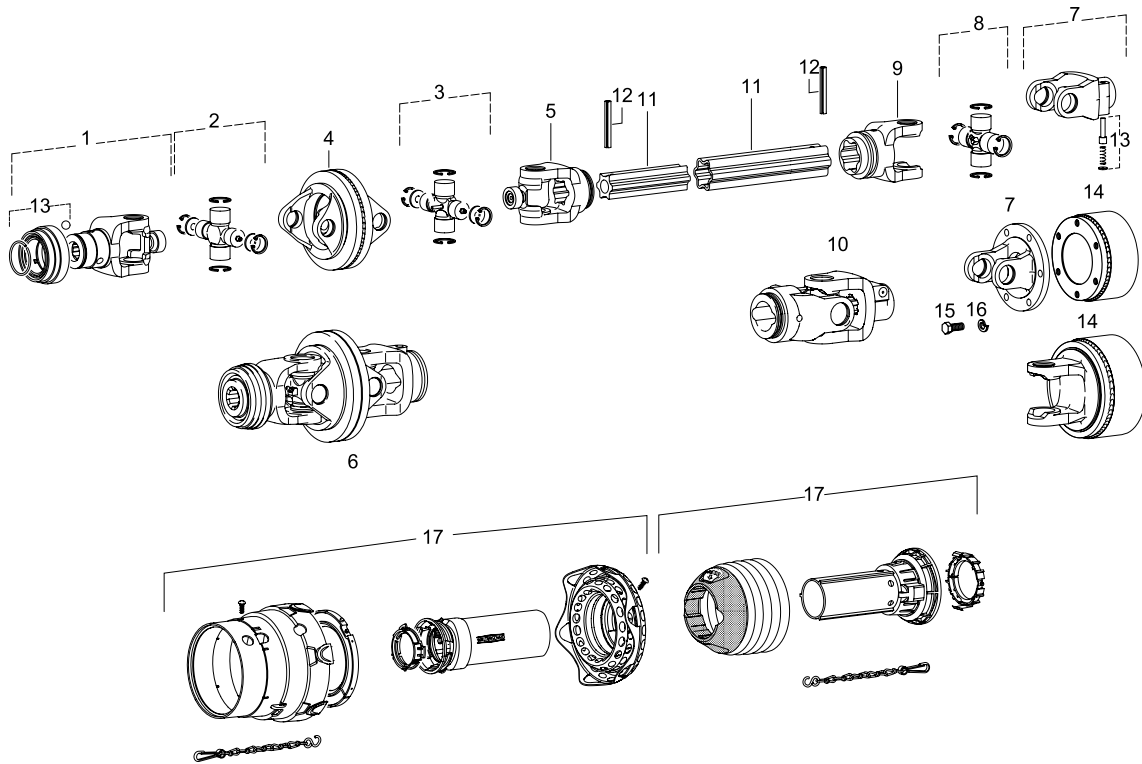
A wide angle cross and bearing kit must also be ordered for this version.

Guard according to DIN EN 12965, install tractor side connecting yokes according to the specifications in the standard

Type	Size	Lz [mm]	Guards	Profile pairing	Part No.
PWE	480	1210	SPGF20	1bGA/2aG	1694618
PWE	480	1210	SPGF20	S4LGA/S5	1694574
PWE	580	860	SPGF20	S4GA/S5	1139190
PWE	580	1210	SPGF20	S4GA/S5	1135482

1. DRIVE SHAFTS

1.7. SERIES P (POWER DRIVE)

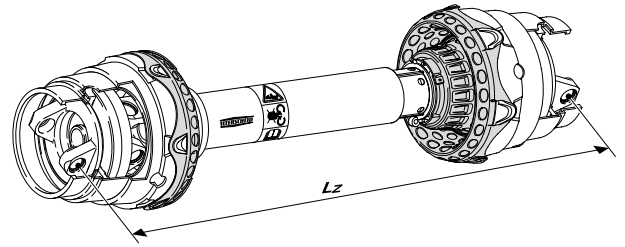


PWE POWERDRIVE DRIVE SHAFT WITH WIDE ANGLE JOINT ON ONE SIDE - INDIVIDUAL PARTS

Pos.	Designation	Part No.
1	Connecting yokes- wide angle 80° series P (Power Drive)	see page 51
2	WW- Cross and bearing kits P- seals	see page 69
3	WW- Cross and bearing kits P- seals with central lubrication	see page 70
4	Wide angle double yokes 80° Series P (Power Drive)	see page 63
5	Wide angle inboard yokes 80° Series P (Power Drive)	see page 63
6	Wide angle joints 80° for Series P (Power Drive)	see page 33
7	Connecting yokes series W and P (Power Drive)	see page 34
7	Flange yokes Series W and P (Power Drive)	see page 44
8	Cross and bearing kits series P	see page 66
9	Inboard yokes Series P (Power Drive)	see page 47
10	Joints for Series P (Power Drive)	see page 33
11	profiles	see page 71
12	Clamping pins	see page 28
13	Locking mechanism for yokes & clutches	see page 75
14	Clutches	see page 81
15	Hexagon screw	see clutches page 81
16	Spring washers	see clutches page 81
17	Guards	see page 183

1. DRIVE SHAFTS

1.8. SERIES P (POWER DRIVE)



PWZ POWER DRIVE DRIVE SHAFTS WITH WIDE ANGLE JOINT ON BOTH SIDES WITHOUT CONNECTING YOKES

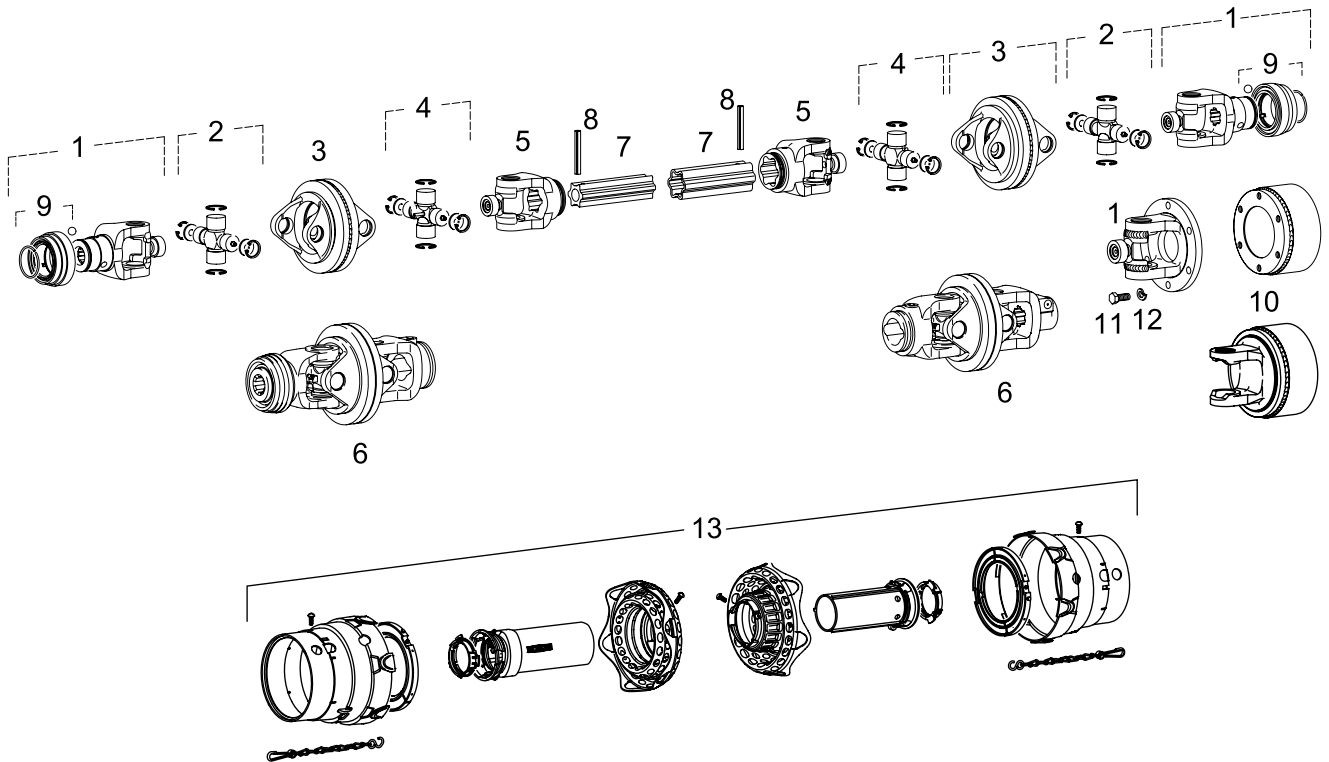
Two wide angle cross and bearing kits must also be ordered for this version.

Guard according to DIN EN 12965, install tractor side connecting yokes according to the specifications in the standard

Type	Size	Lz [mm]	Guards	Profile pairing	Part No.
PWZ	480	1210	SPF20	1bGA/2aG	1694619
PWZ	480	1210	SPF20	S4LGA/S5	1694573
PWZ	580	1210	SPF20	S4LGA/S5	1694123

1. DRIVE SHAFTS

1.8. SERIES P (POWER DRIVE)

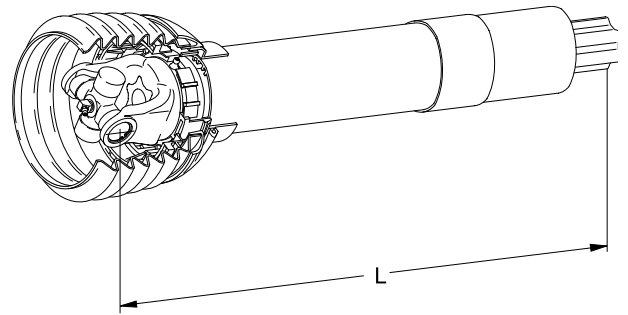


PWZ POWERDRIVE DRIVE SHAFT WITH WIDE ANGLE JOINT ON BOTH SIDES - INDIVIDUAL PARTS

Pos.	Designation	Part No.
1	Connecting yokes- wide angle 80° series P (Power Drive)	see page 51
2	WW- Cross and bearing kits P- seals	see page 69
3	Wide angle double yokes 80° Series P (Power Drive)	see page 63
4	WW- Cross and bearing kits P- seals with central lubrication	see page 70
5	Wide angle inboard yokes 80° Series P (Power Drive)	see page 63
6	Wide angle joints 80° for Series P (Power Drive)	see page 33
7	profiles	see page 71
8	Clamping pins	see page 28
9	Locking mechanism for yokes & clutches	see page 75
10	Clutches	see page 81
11	Hexagon screw	see clutches page 81
12	Spring washers	see clutches page 81
13	Guards for drive shafts	see page 183

1. DRIVE SHAFTS

1.9. SERIES P (POWER DRIVE)

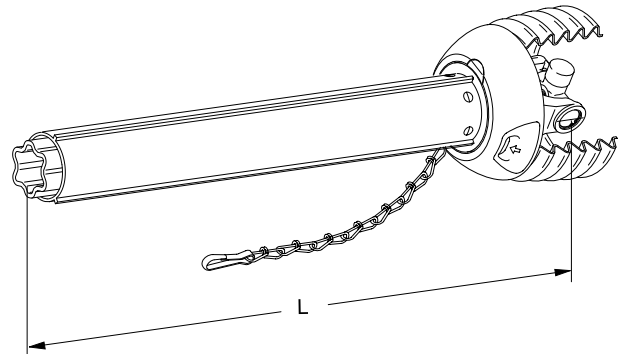


PH OUTER DRIVE SHAFT HALF WITHOUT CONNECTING YOKES

Install tractor-side connection yokes according to standard specifications
A (profile) = Tractor-side connection

Type	Size	L [mm]	Guards	Profile	A	Part No.
PH	400	1060	PG20	1bH	ZK	1695998
PH	400	1060	PG20	S4LH	ZK	1695999
PH	500	1116	PG20	S4LH	ZK	1696002
PH	600	1107	PG30	S5H	ZK	1696004
PH	700	1020	PG30	S5H	ZK	1696006

ZK = Cross



PH INNER DRIVE SHAFT HALF WITHOUT CONNECTING YOKES

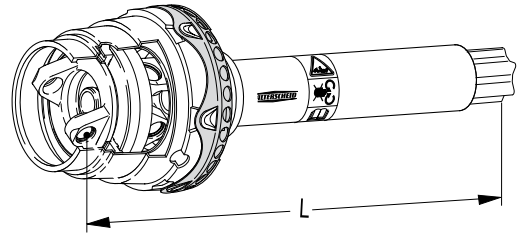
B (Profile) = Implement-side connection

Type	Size	L [mm]	Guards	Profile	B	Part No.
PH	400	1115	PG20	2a	ZK	1696000
PH	400	1115	PG20	S5	ZK	1696001
PH	500	1101	PG20	S5	ZK	1696003
PH	600	1077	PG30	S6	ZK	1696005
PH	700	995	PG30	S6	ZK	1696007

ZK = Cross

1. DRIVE SHAFTS

1.9. SERIES P (POWER DRIVE)

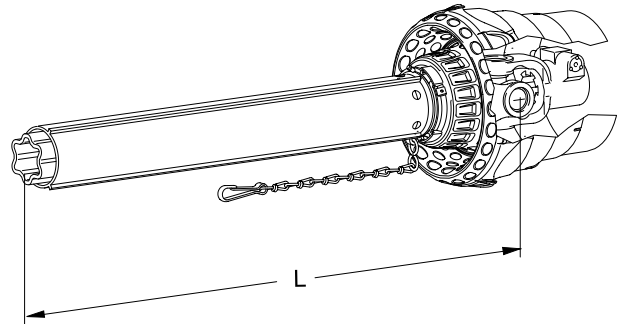


PWH OUTER DRIVE SHAFT HALF WITHOUT CONNECTING YOKES

A wide-angle cross-and-bearing kit must additionally be ordered for this version

Guard according to DIN EN 12965, install tractor side connecting yokes according to the specifications in the standard A (profile) = Tractor-side connection

Type	Size	L [mm]	Guards	Profile	A	Part No.
PWH	480	1134	SPGF20	1bGA	DOPG	1696008
PWH	480	1134	SPGF20	S4LGA	DOPG	1696010
PWH	580	1114	SPGF20	S4GA	DOPG	1696012



PWH INNER DRIVE SHAFT HALF WITHOUT CONNECTING YOKES



A wide-angle cross-and-bearing kit must additionally be ordered for this version

Guard according to DIN EN 12965

B (profile) = Implement-side connection

Type	Size	L [mm]	Guards	Profile	B	Part No.
PWH	480	1010	SPGF20	2aG	DOPG	1696009
PWH	480	1010	SPGF20	S5	DOPG	1696011
PWH	580	986	SPGF20	S5	DOPG	1696013

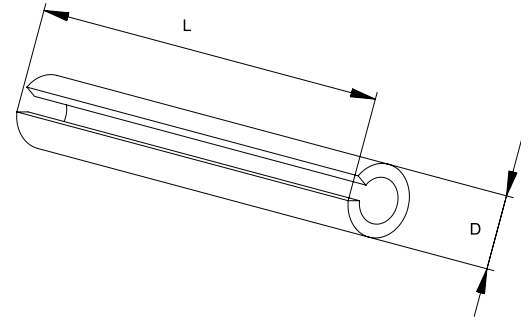
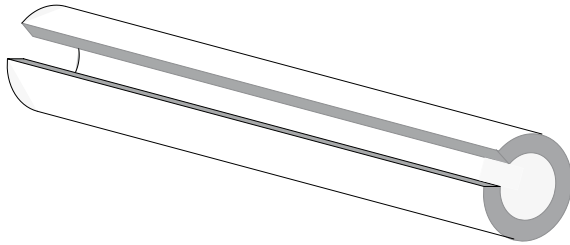
2. DRIVE SHAFTS COMPONENTS

-  2.1. JOINTS
-  2.2. YOKES
-  2.3. SPECIAL YOKES
-  2.4. WIDE ANGLE YOKES
-  2.5. CROSS AND BEARING KITS
-  2.6. PROFILE
-  2.7. PROFILE SPARE PARTS
-  2.8. AGRASETS - LOCKING MECHANISMS



2. DRIVE SHAFTS COMPONENTS

PROFILE TUBES FOR DRIVE SHAFTS



Order-Number
ex: 1020600

Profile tube
dimensions
DxL
ex: 8x50

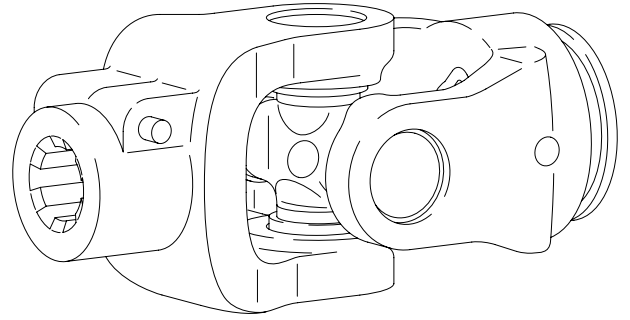
Drawing No.
ex: 61.04.01



Size	00c	0a	0v	1	1b	2a	S4	S5	S6
2000	1020600 8x50 61.04.01	1020602 8x60 61.04.05							
2100	1020600 8x50 61.04.01	1020602 8x60 61.04.05	1020602 8x60 61.04.05	1020602 8x60 61.04.05					
2200	1020600 8x50 61.04.01	1020602 8x60 61.04.05	1020602 8x60 61.04.05	1020602 8x60 61.04.05					
2300 P300			1020614 10x65 61.05.04	1020614 10x65 61.05.04	1020616 10x75 61.05.03	1020616 10x75 61.05.03			
2400 P400					1020617 10x80 61.05.08	1020617 10x80 61.05.08	1020617 10x80 61.05.08	1020617 10x80 61.05.08	
2500 P500							1304046 10x90 61.05.12	1304046 10x90 61.05.12	
2600							1304073 10x95 61.05.13	1304073 10x95 61.05.13	
2600 P600								1304578 13x95 61.06.08	1304578 13x95 61.06.08
P700								1304578 13x95 61.06.08	1304578 13x95 61.06.08
2280	1020602 8x60 61.04.05		1020614 10x65 61.05.04						
2380			1020614 10x65 61.05.04		1020616 10x75 61.05.03				
2480 P480					1020616 10x75 61.05.03	1020616 10x75 61.05.03	1020616 10x75 61.05.03	1020616 10x75 61.05.03	
2580							1304046 10x90 61.05.12	1304046 10x90 61.05.12	
P580							1020616 10x75 61.05.03	1020616 10x75 61.05.03	

2. DRIVE SHAFTS COMPONENTS

2.1. SINGLE JOINTS



G SINGLE JOINTS FOR SERIES W

AG = quick-disconnect pin yokes

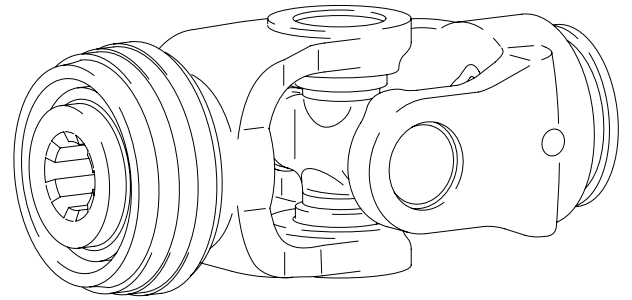
A (Profile) = Tractor- or Implement-side connection

B (Profile) =

Type	Size	Style	A [Profile]	B [Profile]	Part No.
G	2100	AG	1 3/8" (6)	00a	1083388
G	2100	AG	1 3/8" (6)	0a	1083392
G	2200	AG	1 3/8" (6)	0v	1085199
G	2200	AG	1 3/8" (6)	1	1085200
G	2300	AG	1 3/8" (6)	0v	1085262
G	2300	AG	1 3/8" (6)	1	1085263
G	2300	AG	1 3/8" (6)	1b	1084654
G	2300	AG	1 3/8" (6)	2a	1084655
G	2400	AG	1 3/8" (6)	1b	1320109
G	2400	AG	1 3/8" (6)	2a	1320118
G	2400	AG	1 3/8" (6)	S4	1356877
G	2400	AG	1 3/8" (6)	S5	1361462
G	2500	AG	1 3/8" (6)	S4	1316570
G	2500	AG	1 3/8" (6)	S5	1317116

2. DRIVE SHAFTS COMPONENTS

2.1. SINGLE JOINTS



G SINGLE JOINTS FOR SERIES W

Connecting yokes with ASG or ASGE locking mechanism according to DIN EN 12965

ASGE or ASG = Connecting yokes with slide collar

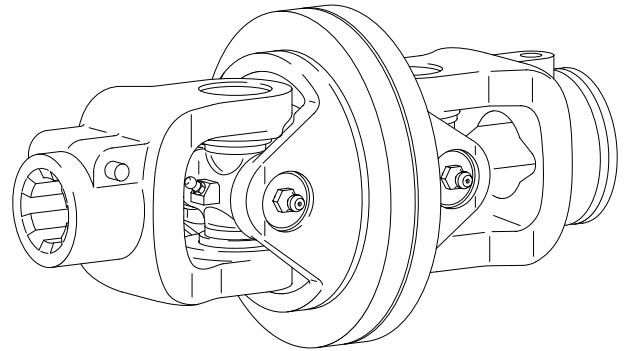
A (Profile) = Tractor- or Implement-side connection

B (Profile) =

Type	Size	Style	A [Profile]	B [Profile]	Part No.
G	2100	ASGE	1 3/8" (6)	00a	1138950
G	2200	ASGE	1 3/8" (6)	0v	1136401
G	2300	ASGE	1 3/8" (6)	0v	1138952
G	2300	ASGE	1 3/8" (6)	1b	1138953
G	2400	ASGE	1 3/8" (6)	1b	1138954
G	2400	ASGE	1 3/8" (6)	S4	1138955
G	2500	ASG	1 3/8" (6)	S4	1138956

2. DRIVE SHAFTS COMPONENTS

2.1. SINGLE JOINTS



WG WIDE ANGLE JOINTS 80° FOR SERIES W

AG = quick-disconnect pin yokes

FG = flange connection

A (Profile) = Tractor- or Implement-side connection

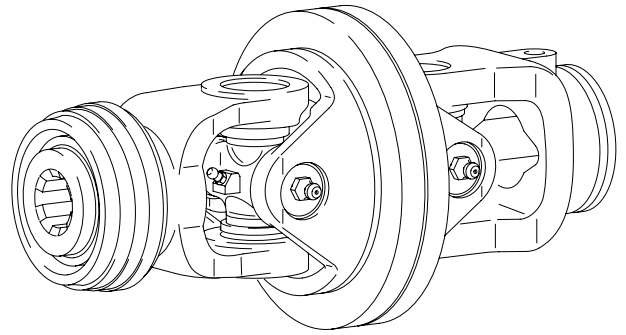
B (Profile) =

Joints can be used with old and new guard versions (according to DIN EN 12965)

Type	Size	Style	A [Profile]	B [Profile]	Part No.
WG	2280	AG	1 3/8" (6)	0a	1138974
WG	2280	AG	1 3/8" (6)	1	1138958
WG	2380	AG	1 3/8" (6)	1	1138960
WG	2380	AG	1 3/8" (6)	2a	1138962
WG	2480	AG	1 3/8" (6)	2a	1138965
WG	2480	FG	FG TK138	2a	1138967
WG	2480	AG	1 3/8" (6)	S5	1138966
WG	2480	FG	FG TK138	S5	1138968
WG	2580	AG	1 3/8" (6)	S5	1138970
WG	2580	FG	FG TK138	S5	1138976

2. DRIVE SHAFTS COMPONENTS

2.1. SINGLE JOINTS



WG WIDE ANGLE JOINTS 80° FOR SERIES W

Connecting yokes with ASG or ASGE locking mechanism according to DIN EN 12965

ASGE or ASG = Connecting yokes with slide collar

A (Profile) = Tractor- or Implement-side connection

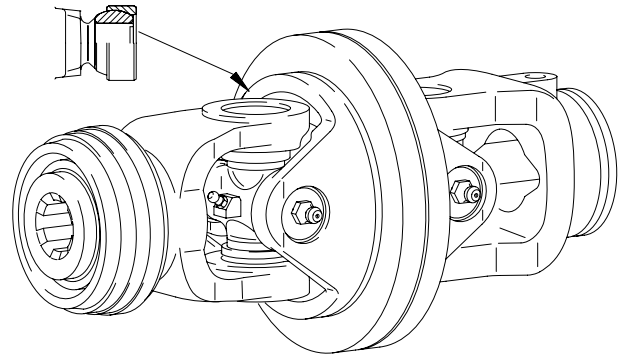
B (Profile) =

Joints can be used with old and new guard versions (according to DIN EN 12965)

Type	Size	Style	A [Profile]	B [Profile]	Part No.
WG	2280	ASGE	1 3/8" (6)	00a	1138973
WG	2280	ASGE	1 3/8" (6)	0v	1138957
WG	2380	ASGE	1 3/8" (6)	0v	1138959
WG	2380	ASGE	1 3/8" (6)	1b	1138961
WG	2480	ASGE	1 3/8" (6)	1b	1138963
WG	2480	ASGE	1 3/8" (6)	S4	1138964
WG	2480	ASGE	1 3/8" (21)	1b	1138975
WG	2480	ASGE	1 3/8" (21)	S4	1146263
WG	2580	ASG	1 3/8" (6)	S4	1138969
WG	2580	ASG	1 3/8" (21)	S4	1138971
WG	2580	ASG	1 3/4" (20)	S4	1138972

2. DRIVE SHAFTS COMPONENTS

2.1. SINGLE JOINTS



PJ WIDE ANGLE JOINTS 80° FOR SERIES P (POWER DRIVE)

Connecting yokes with QSG locking mechanism according to DIN EN 12965

QSG = Connecting yokes with slide collar (automatic)

FG = flange connection

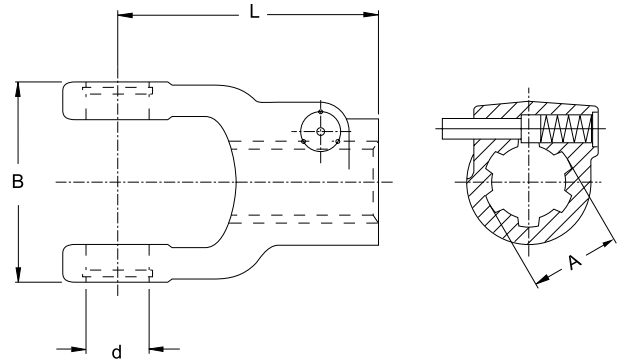
A (Profile) = Tractor- or Implement-side connection

B (Profile) =

Type	Size	Style	A [Profile]	B [Profile]	Part No.
PJ	P480	QSG	1 3/8" (6)	1b	1146331
PJ	P480	QSG	1 3/8" (6)	S4	1138978
PJ	P480	FG	FG TK138	2a	1138979
PJ	P480	FG	FG TK138	S5	1146095
PJ	P580	QSG	1 3/8" (6)	S4	1134294
PJ	P580	QSG	1 3/8" (21)	S4	1134298
PJ	P580	QSG	1 3/4" (20)	S4	1134299
PJ	P580	FG	FG TK138	S5	1146099

2. DRIVE SHAFTS COMPONENTS

2.2. YOKES



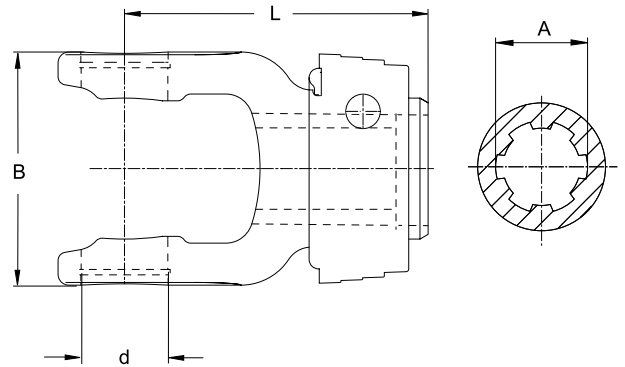
AG CONNECTING YOKES SERIES W AND P (POWER DRIVE) WITH QUICK-DISCONNECT PIN

Size	A [Profile]	d [mm]	B [mm]	L [mm]	Drawing No.	Part No.
2000	1 1/8" (6)	18	56	80	19.15.00 +	1045358
2000	1 3/8" (6)	18	56	90	19.10.00 +	1040923
2000	6x21x25	18	56	77	19.15.02 +	1040990
2100	1 1/8" (6)	22	63	90	10.11.00	1040188
2100	1 3/8" (6)	22	63	89	10.10.00	1040154
2100	1 3/8" (21)	22	63	89	10.50.00	1040460
2100	1 3/4" (6)	22	63	121	10.39.101	1040418
2100	6x21x25	22	63	90	10.11.100	1040201
2100	6x26x30	22	63	90	10.11.105	1040197
2100	8x32x38	22	63	115	10.34.110	1083069
2200	1 1/8" (6)	24	70	94	20.27.00	1041147
2200	1 3/8" (6)	24	70	98	20.10.00	1041049
2200	1 3/8" (21)	24	70	98	20.18.00	1041130
2200	1 3/4" (6)	24	70	102	20.11.101	1041209
2200	1 3/4" (20)	24	70	102	20.11.118	1331065
2200	6x21x25	24	70	82	20.27.116+	1184062
2200	8x32x38	24	70	98	20.11.128	1366411
2300	1 1/8" (6)	27	84	106	21.17.00	1041400
2300	1 3/8" (6)	27	84	107	21.10.00	1041378
2300	1 3/8" (21)	27	84	107	21.19.00	1041341
2300	1 3/4" (6)	27	84	111	21.18.00	1041331
2300	1 3/4" (20)	27	84	111	21.18.14	1320671
2300	8x32x38	27	84	107	21.18.124	1045163
2400	1 3/8" (6)	32	86	112	35.10.00	1056699
2400	1 3/8" (21)	32	86	112	35.10.02	1019516
2400	1 3/4" (6)	32	86	112	35.18.00	1019520
2400	1 3/4" (20)	32	86	112	35.18.02	1019522
2400	8x32x38	32	86	112	35.10.108	1341087
2500	1 3/8" (6)	36	100	118	36.10.00	1097136
2500	1 3/8" (21)	36	100	118	36.10.02	1097138
2500	1 3/4" (6)	36	100	118	36.18.00	1097313
2500	1 3/4" (20)	36	100	118	36.18.02	1097315

2. DRIVE SHAFTS COMPONENTS

2.2. YOKES

Size	A [Profile]	d [mm]	B [mm]	L [mm]	Drawing No.	Part No.
2500	8x32x38	36	100	118	36.10.102	1349497
2600	1 3/8" (6)	42	120	128	26.10.00 +	1320801
2600	1 3/8" (21)	42	120	128	26.10.02 +	1320802
2600	1 3/4" (6)	42	120	128	26.18.00+	1320803
2600	1 3/4" (20)	42	120	128	26.18.02 +	1320804
2600	8x32x38	42	120	128	26.10.08 +	1379660



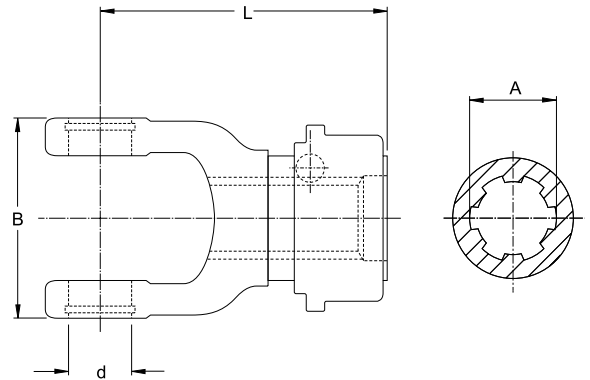
ASGE CONNECTING YOKES SERIES W WITH SLIDE COLLAR

These yokes comply with the DIN EN 12965 standard

Size	A [Profile]	d [mm]	B [mm]	L [mm]	Drawing No.	Part No.
2100	1 3/8" (6)	22	63	96	10.83.30	1133830
2100	1 3/8" (21)	22	63	96	10.83.32	1133838
2200	1 3/8" (6)	24	70	98	20.83.30	1133832
2200	1 3/8" (21)	24	70	98	20.83.32	1133840
2300	1 3/8" (6)	27	84	107	21.83.30	1133834
2300	1 3/8" (21)	27	84	107	21.83.32	1133842
2300	8x32x38	27	84	107	21.83.34	1135561
2400	1 3/8" (6)	32	86	112	35.83.30	1133836
2400	1 3/8" (21)	32	86	124	35.83.32	1133844
2400	8x32x38	32	86	112	35.83.34	1135569

2. DRIVE SHAFTS COMPONENTS

2.2. YOKES



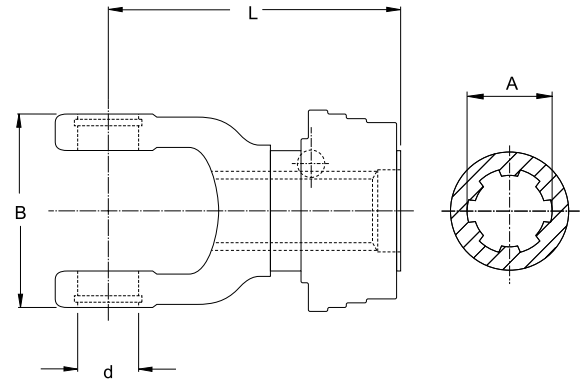
ASG CONNECTING YOKES SERIES W AND P (POWER DRIVE) WITH SLIDE COLLAR

These yokes comply with the DIN EN 12965 standard

Size	A	d	B	L	Drawing No.	Part No.
	[Profile]	[mm]	[mm]	[mm]		
2100	6x21x25	22	63	96	10.82.104+	1174716
2100	1" (15)	22	63	76	10.80.00	1383818
2200	6x21x25	24	70	98	20.82.104+	1189180
2200	1" (15)	24	70	98	20.82.106+	1194656
2400	1 3/4" (20)	32	86	126	35.84.102	1362448
2500	1 3/8" (6)	36	100	133	36.83.100	1362428
2500	1 3/8" (21)	36	100	133	36.83.102	1362430
2500	1 3/4" (6)	36	100	133	36.84.100	1362432
2500	8x32x38	36	100	133	36.84.104	1135341
2500	1 3/4" (20)	36	100	133	36.84.102	1362434
2600	1 3/8" (6)	42	120	146	26.84.100+	1362419
2600	1 3/8" (21)	42	120	146	26.84.102+	1362421
2600	1 3/4" (6)	42	120	146	26.84.104+	1362423
2600	1 3/4" (20)	42	120	146	26.84.106+	1362436
2600	8x32x38	42	120	146	26.84.108+	1135345

2. DRIVE SHAFTS COMPONENTS

2.2. YOKES



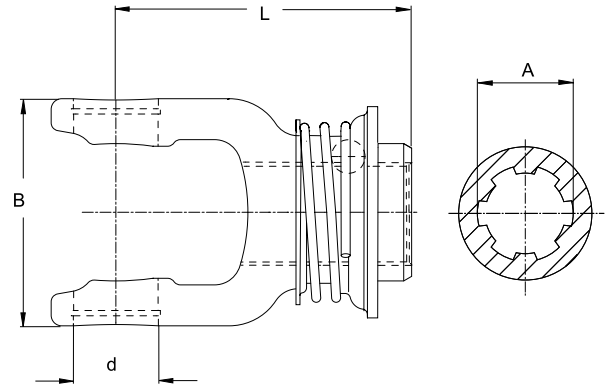
QSG CONNECTING YOKES SERIES W AND P (POWER DRIVE) WITH SLIDE COLLAR (AUTOMATIC)

These yokes comply with the DIN EN 12965 standard

Size	A [Profile]	d [mm]	B [mm]	L [mm]	Drawing No.	Part No.
2100	1 3/8" (6)	22	63	114	10.83.00 +	1365774
2100	1 3/8" (21)	22	63	114	10.83.02 +	1365776
2200	1 3/8" (6)	24	70	116	20.83.00	1365786
2200	1 3/8" (21)	24	70	116	20.83.02	1365788
2300	1 3/8" (6)	27	84	125	21.83.00	1365798
2300	1 3/8" (21)	27	84	125	21.83.02	1365800
2300	1 3/4" (6)	27	84	125	21.84.00	1365806
2300	1 3/4" (20)	27	84	125	21.84.02	1365808
2400	1 3/8" (6)	32	86	126	35.83.00	1366782
2400	1 3/8" (21)	32	86	126	35.83.02	1366784
2400	1 3/4" (6)	32	86	126	35.84.00	1366790
2400	1 3/4" (20)	32	86	126	35.84.02	1366792
2500	1 3/8" (6)	36	100	133	36.83.00	1366798
2500	1 3/8" (21)	36	100	133	36.83.02	1366800
2500	1 3/4" (6)	36	100	133	36.84.00	1366806
2500	1 3/4" (20)	36	100	133	36.84.02	1366808
2600	1 3/8" (6)	42	120	146	26.84.00 +	1365814
2600	1 3/8" (21)	42	120	146	26.84.02 +	1365816
2600	1 3/4" (6)	42	120	146	26.84.04 +	1365818
2600	1 3/4" (20)	42	120	146	26.84.06 +	1366780
2700	1 3/4" (6)	50	138	165	27.84.04 +	1377658
2700	1 3/4" (20)	50	138	165	27.84.06 +	1168391

2. DRIVE SHAFTS COMPONENTS

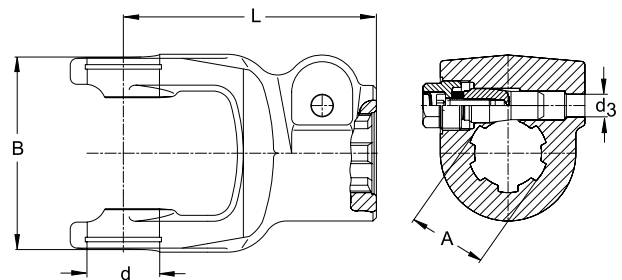
2.2. YOKES



AZGE CONNECTING YOKES SERIES W...E (ECOLINE) WITH SLIDE COLLAR

These yokes comply with the DIN EN 12965 standard

Size	A [Profile]	d [mm]	B [mm]	L [mm]	Drawing No.	Part No.
2100	1 3/8" (6)	22	63	96	10.83.40	1134744
2100	1 3/8" (21)	22	63	96	10.83.41	1134745
2200	1 3/8" (6)	24	70	98	20.83.40	1134746
2200	1 3/8" (21)	24	70	98	20.83.41	1134747
2300	1 3/8" (6)	27	84	107	21.83.40	1134748
2300	1 3/8" (21)	27	84	107	21.83.41	1134749
2400	1 3/8" (6)	32	86	112	35.83.40	1134750
2400	1 3/8" (21)	32	86	112	35.83.41	1134751



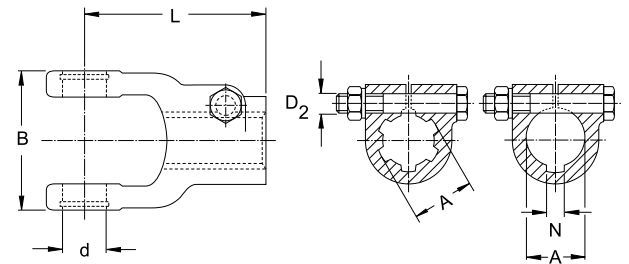
AGCC CONNECTING YOKES SERIES W AND P (POWER DRIVE) WITH CLAMPING CONE

Size	A [Profile]	d [mm]	B [mm]	L [mm]	d1 [mm]	Drawing No.	Part No.
2200	1 1/8" (6)	24	70	98	12,5	20.10.34 +	1193240
2300	1 3/8" (6)	27	84	111	12,5	21.10.30 +	1195003
2400	1 3/8" (6)	32	86	112	12,5	35.10.30 +	1195017
2400	1 3/8" (21)	32	86	112	12,5	35.10.32 +	1194064

2. DRIVE SHAFTS COMPONENTS

2.2. YOKES

Size	A [Profile]	d [mm]	B [mm]	L [mm]	d1 [mm]	Drawing No.	Part No.
2400	1 3/4" (6)	32	86	112	15,8	35.18.30 +	1195020
2400	1 3/4" (20)	32	86	112	15,8	35.18.32 +	1195022
2500	1 3/8" (6)	36	100	118	12,5	36.10.30 +	1195118
2500	1 3/8" (21)	36	100	118	12,5	36.10.32 +	1194063
2500	1 3/4" (6)	36	100	118	15,8	36.18.30 +	1195097
2500	1 3/4" (20)	36	100	118	15,8	36.18.32 +	1195099
2600	1 3/8" (6)	42	120	128	12,5	26.10.30 +	1195121
2600	1 3/8" (21)	42	120	128	12,5	26.10.32 +	1194005
2600	1 3/4" (6)	42	120	128	15,8	26.18.30 +	1195124
2600	1 3/4" (20)	42	120	128	15,8	26.18.32 +	1195126
2700	1 3/4" (6)	50	138	155	15,8	27.18.30 +	1107324
2700	1 3/4" (20)	50	138	155	15,8	27.18.32 +	1107326



AGKF CONNECTING YOKES SERIES W AND P (POWER DRIVE) WITH INTERFERING CLAMP

Size	A [Profile]	N [mm]	d [mm]	B [mm]	L [mm]	D2 [mm]	Drawing No.	Part No.
2100	1 1/8" (6)		22	63	95	M12X60	10.10.05	1040160
2100	1 3/8" (6)		22	63	89	M12X75	10.10.06	1040162
2100	25H8	8	22	63	95	M12X60	10.10.110	1040190
2100	30H8	8	22	63	89	M12X75	10.10.07	1040164
2200	1 1/8" (6)		24	70	98	M12X70	20.19.00	1041132
2200	1 3/8" (6)		24	70	98	M12X60	20.10.02	1041051
2200	1 3/8" (21)		24	70	98	M12X75	20.10.119	1329012
2200	25H8	8	24	70	98	M12X60	20.19.121	1087849
2200	30H8	8	24	70	98	M12X60	20.10.04	1041055
2200	35H8	10	24	70	98	M12X75	20.34.108	1335448
2200	35x30x16		24	70	98	M12X60	20.10.149	1103224
2200	35x31x18		24	70	98	M12X60	20.10.133	1160222
2300	1 3/8" (6)		27	84	107	M12X65	21.29.00	1041356
2300	1 3/8" (21)		27	84	107	M12X70	21.10.163	1128019
2300	1 3/4" (6)		27	84	111	M16X85	21.18.04	1041337

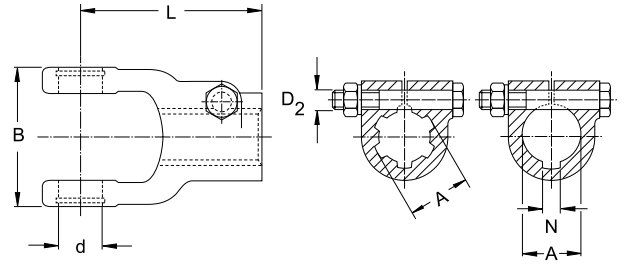
2. DRIVE SHAFTS COMPONENTS

2.2. YOKES

Size	A	N	d	B	L	D2	Drawing No.	Part No.
	[Profile]	[mm]	[mm]	[mm]	[mm]	[mm]		
2300	30H8	8	27	84	107	M12X65	21.29.02	1041360
2300	30H8	8	27	84	107	M12X75	21.10.150+	1101956
2300	35H8	10	27	84	111	M12X80	21.18.02	1041333
2400	1 3/8" (6)		32	86	112	M12X75	35.10.04	1319208
2400	1 3/8" (21)		32	86	112	M12X75	35.10.06	1320684
2400	1 3/4" (6)		32	86	112	M16X85	35.18.04	1320685
2400	1 3/4" (20)		32	86	112	M16X85	35.18.14	1331053
2400	30H8	8	32	86	112	M12X75	35.10.08	1320686
2400	30H8	10	32	86	112	M12X75	35.10.144	1193843
2400	35H8	10	32	86	112	M12X85	35.18.06	1320687
2400	40H8	12	32	86	112	M12X85	35.18.08	1328519
2500	1 3/8" (6)		36	100	118	M12X75	36.10.08	1319311
2500	1 3/8" (21)		36	100	118	M12X75	36.10.06	1318384
2500	1 3/8" (21)		36	100	118	M14X80	36.10.111	1182105
2500	1 3/4" (6)		36	100	118	M16X90	36.18.04	1320790
2500	1 3/4" (20)		36	100	118	M16X90	36.18.06	1325027
2500	35H8	10	36	100	118	M12X80	36.18.14	1314921
2500	40H8	12	36	100	118	M12X85	36.18.08	1339791
2500	45	14	36	100	118	M12X85	36.18.124	1170491
2600	1 3/8" (6)		42	120	128	M12X75-2	26.10.06 +	1344299
2600	1 3/8" (21)		42	120	128	M12X75-2	26.10.04 +	1320805
2600	1 3/4" (6)		42	120	128	M16X90-2	26.18.100+	1329051
2600	1 3/4" (20)		42	120	128	M16X90-2	26.18.102+	1329053
2600	40H8	12	42	120	128	M12X85	26.18.04 +	1330123
2600	45	14	42	120	128	M12X85	26.18.113+	1170493

2. DRIVE SHAFTS COMPONENTS

2.2. YOKES

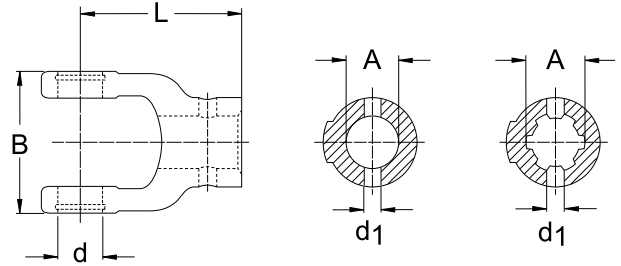


AGKK CONNECTING YOKES SERIES W AND P (POWER DRIVE) WITH NON-INTERFERING CLAMP

Size	A [Profile]	N [mm]	d [mm]	B [mm]	L [mm]	D2 [mm]	Drawing No.	Part No.
2100	25H8	6	22	63	95	M12X60	10.10.104	1040180
2100	25H8	8	22	63	95	M12X60	10.10.103	1040178
2100	30H8	8	22	63	89	M12X60	10.10.02	1040166
2200	25H8	8	24	70	98	M12X60	20.19.105	1041248
2200	30H8	8	24	70	98	M12X60	20.10.05	1041057
2200	35H8	10	24	70	98	M12X60	20.34.102	1041275
2300	1 3/8" (6)		27	84	107	M12X65	21.29.01	1041358
2300	30H8	8	27	84	107	M12X65	21.29.03	1041362
2300	30H8	10	27	84	107	M12X60	21.10.102	1041521
2300	35H8	10	27	84	111	M12X80	21.18.03	1041335
2300	40H8	12	27	84	111	M12X60	21.18.127	1080748
2400	35H8	10	32	86	112	M12X85	35.18.108	1332450
2400	40H8	12	32	86	112	M12X85	35.18.110+	1341493
2400	40x36x20		32	86	112	M12X85	35.18.135	1177089
2500	40H8	12	36	100	118	M12X85	36.18.100	1319309
2500	45	14	36	100	118	M12X85	36.18.112	1338923

2. DRIVE SHAFTS COMPONENTS

2.2. YOKES



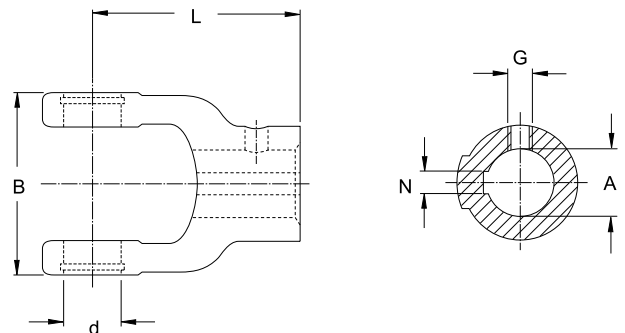
NG HUB YOKES SERIES W AND P (POWER DRIVE) WITH PIN HOLE

Size	A	d	B	L	d1	Drawing No.	Part No.
	[Profile]	[mm]	[mm]	[mm]	[mm]		
2000	1 1/8" (6)	18	56	65	8	19.13.108	1040957
2000	20H8	18	56	65	6	19.13.07	1040935
2000	20R7	18	56	65	6	19.13.06	1040934
2000	25H8	18	56	65	8	19.13.11	1040939
2000	25R7	18	56	65	8	19.13.10	1040938
2100	1 1/8" (6)	22	63	78	8	10.22.198	1040316
2100	1 3/8" (6)	22	63	78	8	10.22.199	1040317
2100	20H8	22	63	78	6	10.22.152	1040281
2100	20R7	22	63	78	6	10.22.01	1040230
2100	22R7	22	63	78	8	10.22.04	1040208
2100	25H8	22	63	78	8	10.22.113	1040253
2100	25R7	22	63	78	8	10.22.07	1040211
2100	30H8	22	63	78	10	10.22.108	1040251
2100	30R7	22	63	78	10	10.22.11	1040221
2200	1 1/8" (6)	24	70	80	8	20.15.105	1041227
2200	1 3/8" (6)	24	70	80	8	20.38.101	1041299
2200	1 3/8" (21)	24	70	102		20.15.207	1192920
2200	1 3/4" (6)H	24	70	130		20.38.134+	1190123
2200	25H8	24	70	80	8	20.15.11	1041082
2200	25R7	24	70	80	8	20.15.10	1041081
2200	30H8	24	70	80	13	20.30.114	1045531
2200	30H8	24	70	80	10	20.30.03	1041154
2200	30R7	24	70	80	10	20.30.02	1041153
2200	6x21x25	24	70	75	6	20.15.122	1045533
2300	1 1/8" (6)	27	84	95	8	21.15.103	1041533
2300	1 3/8" (6)	27	84	95	8	21.30.105	1041624
2300	1 3/8" (21)	27	84	135		21.25.110+	1106246
2300	1 1/2" (11)	27	84	83		21.24.203	1385517
2300	25H8	27	84	95	8	21.15.07	1041391
2300	25R7	27	84	95	8	21.15.06	1041392
2300	30H8	27	84	95	10	21.30.04	1041472
2300	30R7	27	84	95	10	21.30.03	1041471

2. DRIVE SHAFTS COMPONENTS

2.2. YOKES

Size	A	d	B	L	d1	Drawing No.	Part No.
	[Profile]	[mm]	[mm]	[mm]	[mm]		
2300	35H8	27	84	95	13	21.24.01	1041408
2300	35R7	27	84	95	13	21.30.05	1041473
2300	6KT28.65	27	84	95	9	21.15.113	1087645
2400	1 3/8" (6)	32	86	105	8	35.22.106	1320693
2400	30H8	32	86	105	10	35.22.04	1324878
2400	35H8	32	86	105	13	35.22.00	1320688
2400	35x31x18	32	86	87	10	35.13.114	1196604
2400	40x36x20	32	86	126		35.24.140	1103802
2500	35H8	36	100	110	13	36.22.00	1320791
2500	40H8	36	100	118	13	36.24.00	1320792
2500	8x36x42	36	100	110		36.22.109	1330775
2500	40x36x20	36	100	130		36.24.142	1128789
2600	35H8	42	120	130	13	26.22.00 +	1320806
2700	55x2x26	50	138	152		27.22.106+	1118639
2700	52x47x25	50	138	165		27.22.108+	1118641
2700	60x2x28	50	138	152		27.22.112+	1127128



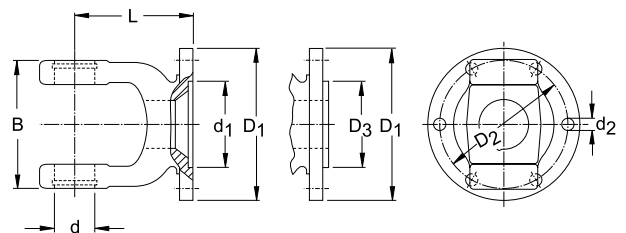
NG HUB YOKES SERIES W AND P (POWER DRIVE) WITH KEYWAY

Size	A	N	d	B	L	G	Drawing No.	Part No.
	[Profile]	[mm]	[mm]	[mm]	[mm]	[Thread]		
2000	20H8	6	18	56	65	M8	19.13.14	1040942
2000	22H8	6	18	56	65	M8	19.13.15	1040943
2100	20H8	6	22	63	78	M8	10.22.27	1040233
2100	22H8	6	22	63	78	M10	10.22.29	1040215
2100	25H8	8	22	63	78	M10	10.22.31	1040217
2100	30H8	8	22	63	78	M10	10.22.33	1040224
2100	35H8	10	22	63	73		10.40.103	1040439
2100	RZ1"	1/4"	22	63	78	3/8" UNC	10.22.142	1040259
2200	20H8	6	24	70	80	M8	20.15.15	1041086
2200	22H8	6	24	70	80	M10	20.15.16	1041087
2200	25H8	8	24	70	80	M10	20.15.17	1041088

2. DRIVE SHAFTS COMPONENTS

2.2. YOKES

Size	A	N	d	B	L	G	Drawing No.	Part No.
	[Profile]	[mm]	[mm]	[mm]	[mm]	[Thread]		
2200	30H8	8	24	70	80	M10	20.30.05	1041156
2200	35H8	10	24	70	75	M12	20.11.105	1041213
2200	RZ1"	1/4"	24	70	80	3/8"	20.15.162	1329014
2200	RZ1 1/4"	1/4"	24	70	80	3/8"	20.30.128	1329024
2300	25H8	8	27	84	95	M12	21.15.11	1041388
2300	28H8	8	27	84	95	M12	21.15.101	1041531
2300	30H8	8	27	84	95	M12	21.30.07	1041475
2300	30H8	10	27	84	95	M12	21.30.106	1041625
2300	35H8	10	27	84	95	M12	21.24.03	1041410
2300	40H8	10	27	84	85	M12	21.24.213	1195901
2400	30H8	8	32	86	105	M12	35.22.02	1320694
2400	35H8	10	32	86	112	M12	35.24.12	1320695
2400	40H8	12	32	86	112	M12	35.24.10	1321910
2400	42H8	12	32	86	112	M12	35.24.11	1321911
2400	45H8	14	32	86	112	M12	35.24.116	1346064
2500	35H8	10	36	100	118	M14	36.24.01	1320796
2500	40H8	12	36	100	118	M14	36.24.108	1335439
2500	45H8	14	36	100	118	M14	36.24.02	1332916
2600	35H8	10	42	120	130	M14	26.22.02 +	1320810
2600	40H8	12	42	120	130	M14	26.22.03 +	1320811
2600	50	14	42	120	130	M14	26.22.05 +	1175082



FG FLANGE YOKES SERIES W AND P (POWER DRIVE)

Size	d	B	L	D1	D3	d1	D2	d2	n ¹⁾	Drawing No.	Part No.
	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]			
2000	18	56	60	65		35	52	6.2	4	19.16.01	1040993
2000	18	56	55	100		57	84	8.2	6	19.27.01 +	1052757
2100	22	63	60	75		42	62	6.2	6	10.27.01	1040380
2100	22	63	60	90		47	74.5	8.2	4	10.27.02	1040381
2100	22	63	52	100		57	84	8.2	6	10.31.03 +	1040394
2200	24	70	70	90		47	74.5	8.2	4	20.16.00	1041126
2200	24	70	55	100		57	84	8.2	6	20.24.01	1041143

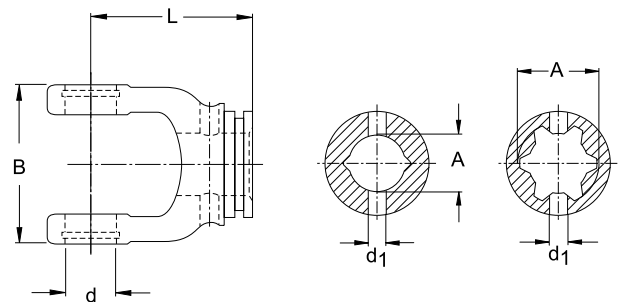
¹⁾ number of bores

2. DRIVE SHAFTS COMPONENTS

2.2. YOKES

Size	d	B	L	D1	D3	d1	D2	d2	n ¹⁾	Drawing No.	Part No.
	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]			
2200	24	70	48	120		70	94	10.2	6	20.42.105+	1109123
2200	24	70	48	120		75	101.5	8.2	8	20.42.00 +	1349879
2200	24	70	48	150	65		100	11.2	3	20.42.104+	1192928
2300	27	84	78	90		47	74.5	8.2	4	21.16.02	1041323
2300	27	84	78	100		57	84	8.2	6	21.16.00	1041321
2300	27	84	71	120		75	101.5	8.2	8	21.66.00	1340427
2300	27	84	58	136	98		118	10.2	6	21.32.03	1082883
2400	32	86	86	90		47	74.5	8.2	8	35.27.108	1161462
2400	32	86	84	100		57	84	8.2	6	35.16.00	1023469
2400	32	86	86	120		75	101.5	8.2	8	35.27.00	1023477
2400	32	86	66	130.5	82		114	10.2	6	35.20.00	1173529
2400	32	86	66	136	98		118	10.2	6	35.20.100	1325556
2400	32	86	65	190		81	165	13.5	6	35.73.100+	1326113
2500	36	100	96	120		75	101.5	8.2	8	36.27.00 +	1023979
2500	36	100	72	150		90	130	10.2	8	36.19.03	1331038
2500	36	100	72	160	98		138	12.2	6	36.19.02	1317807
2500	36	100	70	190		81	165	13.5	6	36.73.100+	1330588
2600	42	120	130	120		75	101.5	8.2	8	26.15.101+	1332445
2600	42	120	130	150		90	130	10.2	8	26.15.109+	1354146
2600	42	120	115	160	98		138	12.3	12	26.15.106+	1334661
2600	42	120	80	180		110	155.5	14.2	8	26.73.00 +	1320814
2700	50	138	165	160	98		138	12.2	6	27.15.101+	1170049
2700	50	138	150	180		110	155.5	14.2	8	27.73.00 +	1362785
2700	50	138	110	195		90	165	12.5	8	27.73.102+	1118638

¹⁾ number of bores



RG INBOARD YOKES SERIES W

Size	A	d	B	L	d1	Running groove	Drawing No.	Part No.
	[Profile]	[mm]	[mm]	[mm]	[mm]			
2000	00a	18	56	62	8	SC05	19.11.00 +	1040925
2000	0a	18	56	62	8	SC05	19.12.00 +	1040581
2100	00a	22	63	66	8	SC05	10.48.00	1040444
2100	0a	22	63	66	8	SC05	10.49.00	1040456

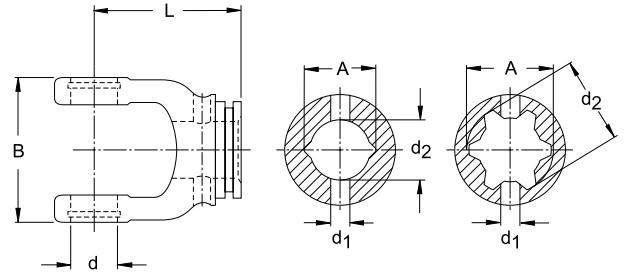
2. DRIVE SHAFTS COMPONENTS

2.2. YOKES

Size	A	d	B	L	d1	Running groove	Drawing No.	Part No.
	[Profile]	[mm]	[mm]	[mm]	[mm]			
2100	0v	22	63	73	8	SC15	10.40.00	1040436
2100	1	22	63	73	8	SC15	10.41.00	1040440
2100	25x22x14	22	63	66	8	SC05	10.48.02 +	1386833
2200	00a	24	70	70	8	SC05	20.32.00	1041187
2200	0a	24	70	70	8	SC05	20.33.00	1041190
2200	0v	24	70	75	10	SC15	20.11.00	1041065
2200	1	24	70	75	10	SC15	20.12.00	1041068
2200	30x27x16	24	70	75		SC15	20.11.02+	1179322
2300	1 3/8" (6)	27	84	85		SC15	21.34.101+	1041634
2300	1 3/8" (6)	27	84	85		SC25	21.22.111+	1322872
2300	1	27	84	85	10	SC15	21.12.00	1041318
2300	1b	27	84	85	10	SC25	21.22.100	1041576
2300	2	27	84	85	10	SC25	21.23.00	1041350
2300	2a	27	84	90	10	SC25	21.22.101	1041577
2300	35x31x18	27	84	85		SC15	21.11.02+	1179323
2300	0v	27	84	85	10	SC15	21.11.00	1041315
2400	1b	32	86	92	10	SC25	35.13.00	1019518
2400	2a	32	86	102	10	SC25	35.14.00	1019519
2400	S4	32	86	92	10	SC25	35.13.100	1356905
2400	S5	32	86	102	10	SC25	35.14.100	1356906
2400	40x36x20	32	86	92		SC25	35.13.02	1385106
2500	1b	36	100	106	10	SC25	36.13.00	1097120
2500	2a	36	100	112	10	SC25	36.14.00	1097121
2500	S4	36	100	106	10	SC25	36.13.100	1097133
2500	S5	36	100	112	10	SC25	36.14.100	1097140
2500	8x36x42	36	100	106		SC25	36.13.01	1377678
2500	40x36x20	36	100	106		SC25	36.13.02	1174039
2600	S4	42	120	130	10	SC25	26.13.100+	1320700
2600	S5	42	120	130	10	SC25	26.14.100+	1320701
2600	S5	42	120	130	13	SC35	26.13.00 +	1168279
2600	S6	42	120	130	13	SC35	26.14.00 +	1168278
2600	52x47x25	42	120	130		SC35	26.13.02+	1177920
2700	52x47x25	50	138	150		SC35	27.13.02+	1168057

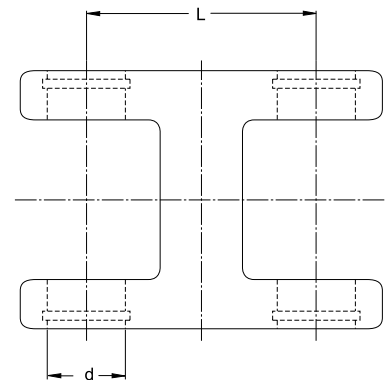
2. DRIVE SHAFTS COMPONENTS

2.2. YOKES



RG P INBOARD YOKES SERIES P (POWER DRIVE)

Size	A	d	B	L	d1	Running groove	Drawing No.	Part No.
	[Profile]	[mm]	[mm]	[mm]	[mm]			
P300	1b	27	84	92	10	PG20	21.13.20 +	1119559
P300	2a	27	84	92	10	PG20	21.14.20 +	1119560
P400	1b	32	86	92	10	PG20	35.13.20	1120715
P400	2a	32	86	92	10	PG20	35.14.20	1120717
P400	S4	32	86	92	10	PG20	35.13.21	1120716
P400	S5	32	86	102	10	PG20	35.14.21 +	1119564
P500	S4	36	100	106	10	PG20	36.13.21	1125356
P500	S5	36	100	112	10	PG20	36.14.21	1125321
P600	S5	42	120	130	13	PG30	26.13.30 +	1119927
P600	S6	42	120	130	13	PG30	26.14.30 +	1119928
P700	S5	50	138	133	13	PG30	27.13.30 +	1125760
P700	S6	50	138	133	13	PG30	27.14.30 +	1125761



DOPG DOUBLE YOKES SERIES W AND P (POWER DRIVE)

Size	d	L	Drawing No.	Part No.
	[mm]	[mm]		
2100	22	65	10.28.00	1040388
2200	24	78	20.23.103	1335436
2200	24	70	20.23.00+	1186354

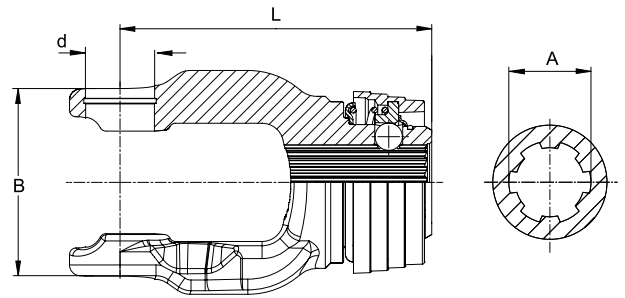
2. DRIVE SHAFTS COMPONENTS

2.2. YOKES

Size	d [mm]	L [mm]	Drawing No.	Part No.
2300	27	75	21.26.00	1041351
2300	27	115	21.26.103+	1183458
2400	32	100	35.28.00	1023437
2400	32	72	35.26.00 +	1186796
2500	36	100	36.29.00+	1135954
2500	36	118	36.28.00	1023476
2600	42	130	26.28.00 +	1320815

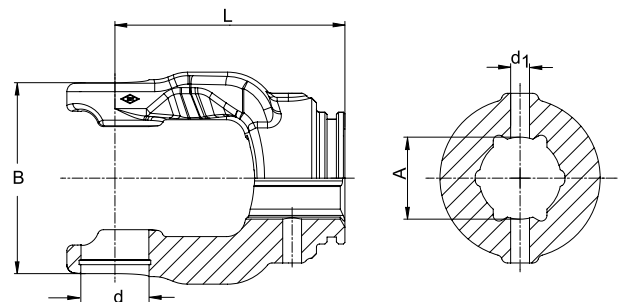
2. DRIVE SHAFTS COMPONENTS

2.3. SPECIAL YOKES



AG QUICK-DISCONNECT YOKES; OPERATING ANGLE (AW) 70°, SWIVELLING ANGLE (SW) 100°, 120°

Type of construction	Size	d	A	B	L	Technical data	Drawing No.	Part No.
		[mm]	[Profile]	[mm]	[mm]			
AZG	2400	32	1 3/8" (21)	86	145	AW 70°, SW 120°	35.83.135+	1139753
ASGE	2400	32	1 3/8" (21)	86	145	AW 70°, SW 120°	35.83.136+	1139754
ASGE	2400	32	1 3/8" (6)	86	145	AW 70°, SW 120°	35.83.138+	1147406
AGKF	2500	36	1 3/4" (6)	100	134	AW 70°, SW 120°	36.30.108+	1139499
AGCC	2500	36	1 3/4" (6)	100	134	AW 70°, SW 120°	36.30.106+	1136978
AG	2500	36	1 3/4" (20)	100	134	AW 70°, SW 120°	36.30.104+	1136976
AG	2500	36	1 3/8" (6)	100	134	AW 70°, SW 120°	36.30.102+	1136863
AG	2500	36	1 3/4" (6)	100	134	AW 70°, SW 120°	36.30.100+	1136861
AG	2600	42	1 3/8" (21)	120	128	AW 75°	26.10.102+	1199988



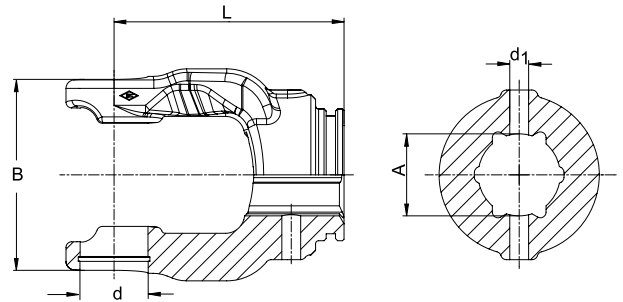
RG INBOARD YOKES; OPERATING ANGLE (AW) 70°, SWIVELLING ANGLE (SW) 100°, 120°

Type of construction	Size	d	A	d1	B	L	Technical data	Drawing No.	Part No.
		[mm]	[Profile]	[mm]	[mm]	[mm]			
RG	2400	32	2a	10	86	120	AW 70°, SW 120°	35.14.193	1139750
RG	2400	32	S4	10	86	120	AW 70°, SW 120°	35.13.125	1139751
RG	2500	36	S4	10	100	122	AW 70°, SW 120°	36.26.100	1136856

2. DRIVE SHAFTS COMPONENTS

2.3. SPECIAL YOKES

Type of construction	Size	d	A	d1	B	L	Technical data	Drawing No.	Part No.
		[mm]	[Profile]	[mm]	[mm]	[mm]			
RG	2600	42	S4	10	120	130	AW 70°	26.13.110+	1199387

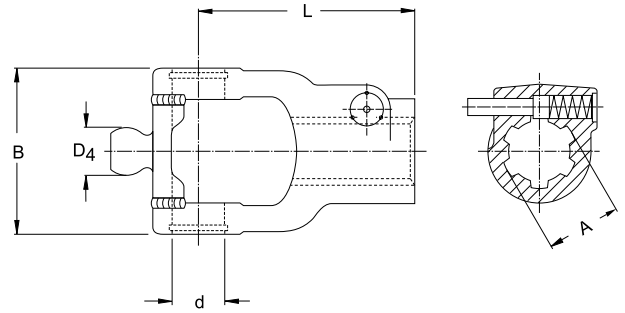


RG INBOARD YOKES; OPERATING ANGLE (AW) 70°, SWIVELLING ANGLE (SW) 100°, 120°

Type of construction	Size	d	A	d1	B	L	Technical data	Drawing No.	Part No.
		[mm]	[Profile]	[mm]	[mm]	[mm]			
RG	P500	36	S4	10	100	122	AW 70°, SW 100°	36.26.101	1136857

2. DRIVE SHAFTS COMPONENTS

2.4. WIDE-ANGLE CONNECTING YOKES



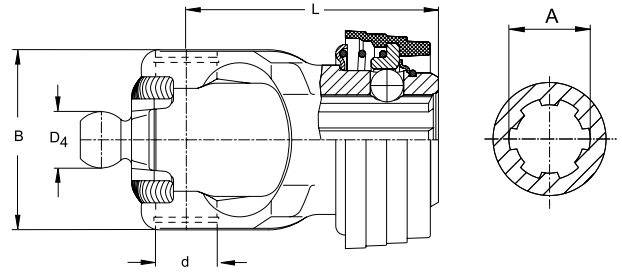
AG WIDE ANGLE CONNECTING YOKES 80° SERIES W WITH QUICK-DISCONNECT PIN

Size	A [Profile]	d [mm]	B [mm]	L [mm]	Drawing No.	Part No.
2280	1 3/8" (6)	24	70	98	20.10.810	1366866
2280	1 3/8" (21)	24	70	98	20.40.810	1366870
2280	1 3/4" (20)	24	70	102	20.11.920	1366872
2380	1 3/8" (6)	27	84	107	21.10.810	1366838
2380	1 3/8" (21)	27	84	107	21.19.810	1366842
2380	1 3/4" (6)	27	84	111	21.18.810	1366843
2380	1 3/4" (20)	27	84	111	21.18.816	1366845
2380	8x32x38	27	84	107	21.10.900	1160099
2480	1 3/8" (6)	32	86	112	35.10.10 +	1341579
2480	1 3/8" (21)	32	86	112	35.10.12 +	1341583
2480	1 3/4" (6)	32	86	118	35.18.10M	1136916
2480	1 3/4" (20)	32	86	118	35.18.12M	1136917
2480	8x32x38	32	86	118	35.10.123M	1136918
2580	1 3/8" (6)	36	100	125	36.10.10M	1136919
2580	1 3/8" (21)	36	100	125	36.10.12M	1136920
2580	1 3/4" (6)	36	100	125	36.18.10M	1136921
2580	1 3/4" (20)	36	100	125	36.18.12M	1136922
2580	8x32x38	36	100	125	36.10.117M	1136923

D4) see identification aid

2. DRIVE SHAFTS COMPONENTS

2.4. WIDE-ANGLE CONNECTING YOKES



ASGE WIDE ANGLE CONNECTING YOKES 80° SERIES W WITH SLIDE COLLAR

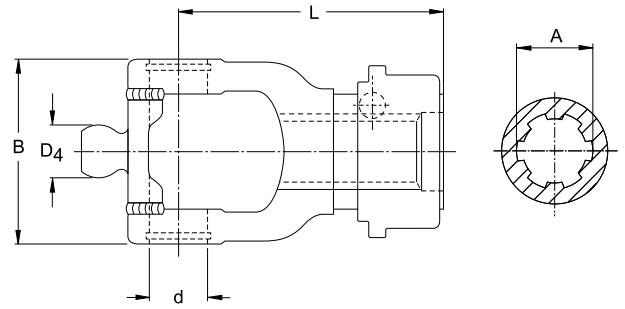
These yokes comply with the DIN EN 12965 standard

Size	A	d	B	L	Drawing No.	Part No.
	[Profile]	[mm]	[mm]	[mm]		
2280	1 3/8" (6)	24	70	98	20.83.830	1134544
2280	1 3/8" (21)	24	70	98	20.83.832	1134546
2280	8x32x38	24	70	98	20.83.834	1135577
2380	1 3/8" (6)	27	84	107	21.83.830	1134548
2380	1 3/8" (21)	27	84	107	21.83.832	1134550
2380	8x32x38	27	84	107	21.83.834	1135563
2480	1 3/8" (6)	32	86	118	35.83.830+	1135299
2480	1 3/8" (21)	32	86	126	35.83.832+	1135301
2480	8x32x38	32	86	118	35.83.834M	1135571

D4) see identification aid

2. DRIVE SHAFTS COMPONENTS

2.4. WIDE-ANGLE CONNECTING YOKES

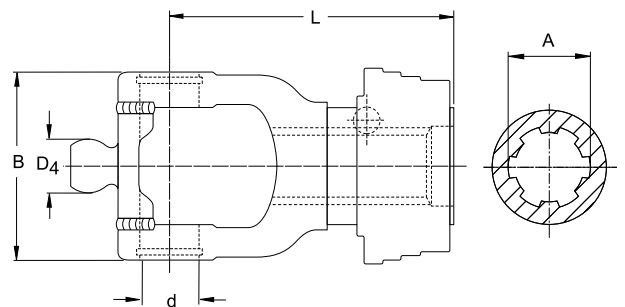


ASG WIDE ANGLE CONNECTING YOKES 80° SERIES W WITH SLIDE COLLAR

These yokes comply with the DIN EN 12965 standard

Size	A [Profile]	d [mm]	B [mm]	L [mm]	Drawing No.	Part No.
2480	1 3/4" (20)	32	86	132	35.84.112M	1135603
2580	1 3/8" (6)	36	100	139	36.83.110M	1135313
2580	1 3/8" (21)	36	100	139	36.83.112M	1135314
2580	1 3/4" (6)	36	100	139	36.84.110M	1135315
2580	1 3/4" (20)	36	100	139	36.84.112M	1135316
2580	8x32x38	36	100	139	36.84.114M	1135343

D4) see identification aid



QSG WIDE ANGLE CONNECTING YOKES 80° SERIES W WITH SLIDE COLLAR (AUTOMATIC)

These yokes comply with the DIN EN 12965 standard

Size	A [Profile]	d [mm]	B [mm]	L [mm]	Drawing No.	Part No.
2280	1 3/8" (6)	24	70	116	20.83.810	1365790
2280	1 3/8" (21)	24	70	116	20.83.812	1365792
2380	1 3/8" (6)	27	84	125	21.83.810	1365802
2380	1 3/8" (21)	27	84	125	21.83.812	1365804

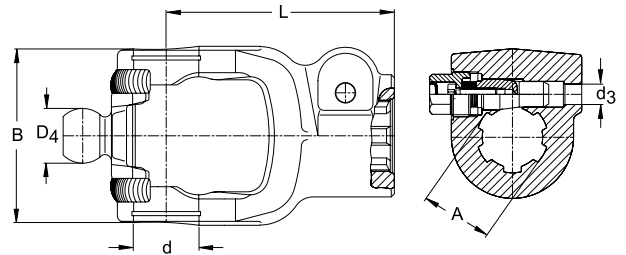
D4) see identification aid

2. DRIVE SHAFTS COMPONENTS

2.4. WIDE-ANGLE CONNECTING YOKES

Size	A	d	B	L	Drawing No.	Part No.
	[Profile]	[mm]	[mm]	[mm]		
2380	1 3/4" (6)	27	84	125	21.84.810	1365810
2380	1 3/4" (20)	27	84	125	21.84.812	1365812
2480	1 3/8" (6)	32	86	126	35.83.10 +	1366786
2480	1 3/8" (21)	32	86	126	35.83.12 +	1366788
2480	1 3/4" (6)	32	86	132	35.84.10M	1137010
2480	1 3/4" (20)	32	86	132	35.84.12M	1137012
2580	1 3/8" (6)H	36	100	139	36.83.130 M	1136961
2580	1 3/8" (21)H	36	100	139	36.83.132 M	1136962
2580	1 3/4" (6)H	36	100	139	36.84.10 M	1136963
2580	1 3/4" (20)H	36	100	139	36.84.135 M	1136964

D4) see identification aid



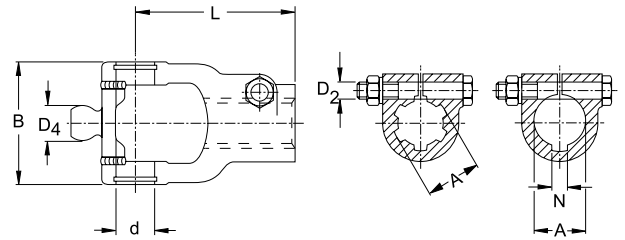
AGCC WIDE ANGLE CONNECTING YOKES 80° SERIES W WITH CLAMPING CONE

Size	A	d	B	L	d1	Drawing No.	Part No.
	[Profile]	[mm]	[mm]	[mm]	[mm]		
2480	1 3/8" (6)	32	86	112	12,5	35.10.830+	1194081
2480	1 3/8" (21)	32	86	112	12,5	35.10.832+	1195034
2480	1 3/4" (6)	32	86	112	15,8	35.18.830+	1195035
2480	1 3/4" (20)	32	86	112	15,8	35.18.832+	1195037
2580	1 3/8" (6)	36	100	118	12,5	36.10.830+	1195101
2580	1 3/8" (21)	36	100	118	12,5	36.10.832+	1194087
2580	1 3/4" (6)	36	100	118	15,8	36.18.830+	1195104
2580	1 3/4" (20)	36	100	118	15,8	36.18.832+	1195106

D4) see identification aid

2. DRIVE SHAFTS COMPONENTS

2.4. WIDE-ANGLE CONNECTING YOKES



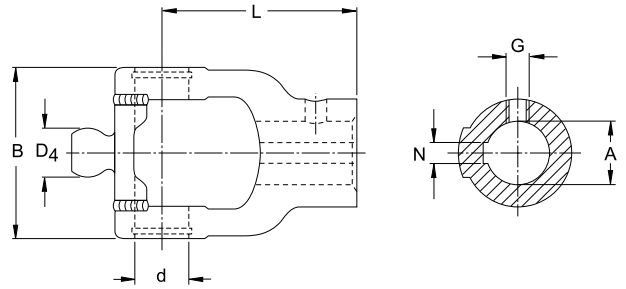
AGKF WIDE ANGLE CONNECTING YOKES 80° SERIES W WITH INTERFERING CLAMP

Size	A [Profile]	N [mm]	d [mm]	B [mm]	L [mm]	D2 [mm]	Drawing No.	Part No.
2280	1 3/8" (6)		24	70	98	M12X70	20.10.812	1366867
2280	30H8	8	24	70	98	M12X70	20.10.814	1366868
2380	1 3/8" (6)		27	84	107	M12X75	21.10.814	1366839
2380	1 3/8" (21)		27	84	107	M12X75	21.10.818	1366841
2380	30H8	8	27	84	107	M12X75	21.10.816	1366840
2380	35H8	10	27	84	111	M12X80	21.18.812	1366844
2480	1 3/8" (6)		32	86	112	M12X75	35.10.14 +	1366828
2480	1 3/8" (21)		32	86	112	M12X75	35.10.16 +	1366829
2480	1 3/4" (6)		32	86	112	M16X90	35.18.20 +	1366832
2480	1 3/4" (20)		32	86	112	M16X85	35.18.22 +	1366833
2480	35H8	10	32	86	112	M12X85	35.18.16 +	1363942
2580	1 3/8" (6)		36	100	118	M12X75	36.10.16 +	1350778
2580	1 3/8" (21)		36	100	118	M12X75	36.10.14 +	1350394
2580	1 3/4" (6)		36	100	118	M16X90	36.18.18 +	1343122

D4) see identification aid

2. DRIVE SHAFTS COMPONENTS

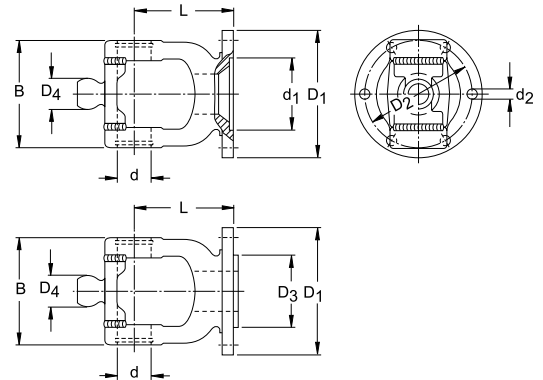
2.4. WIDE-ANGLE CONNECTING YOKES



NG WIDE ANGLE HUB YOKES 80° SERIES W WITH KEYWAY AND THREADED BORE

Size	A [Profile]	N [mm]	d [mm]	B [mm]	L [mm]	G [Thread]	Drawing No.	Part No.
2280	25H8	8	24	70	80	M10	20.15.846	1366877
2280	30H8	8	24	70	80	M10	20.15.847	1366878
2380	30H8	8	27	84	95	M12	21.24.826	1366852
2380	35H8	10	27	84	95	M12	21.24.827	1366853
2480	35H8	10	32	86	118	M12	35.24.22M	1134726
2480	40H8	12	32	86	118	M12	35.24.23M	1134729
2580	35H8	10	36	100	125	M14	36.24.22M	1134727

D4) see identification aid



FG WIDE ANGLE FLANGE YOKES 80° SERIES W

Size	D1 [mm]	d [mm]	B [mm]	L [mm]	D2 [mm]	n ¹⁾	d2 [mm]	d1 [mm]	D3 [mm]	Drawing No.	Part No.
2280	100	24	70	63.5	84	6	8.2	57		20.24.812	1366882
2380	100	27	84	78	84	6	8.2	57		21.16.816	1366856
2380	136	27	84	58	118	6	10.2		98	21.32.816	1366858
2480	100	32	86	97	84	6	8.2	57		35.16.10 +	1366834
2480	120	32	86	97	101.5	8	8.2	75		35.27.10 +	1363937
2480	136	32	86	72	118	6	10.2		98	35.20.104+	1364078
2480	160	32	86	72	138	6	12.2		98	35.19.10 +	1358478

1) number of bores

D4) see identification aid

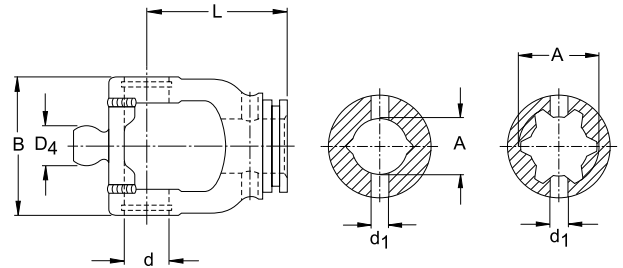
2. DRIVE SHAFTS COMPONENTS

2.4. WIDE-ANGLE CONNECTING YOKES

Size	D1	d	B	L	D2	n ¹⁾	d2	d1	D3	Drawing No.	Part No.
	[mm]	[mm]	[mm]	[mm]	[mm]		[mm]	[mm]	[mm]		
2580	120	36	100	96	101.5	8	8.2	75		36.27.10 +	1343510
2580	150	36	100	85	130	8	10.2	90		36.19.11M	1136990
2580	160	36	100	85	138	6	12.2		98	36.19.10M	1136983

1) number of bores

D4) see identification aid



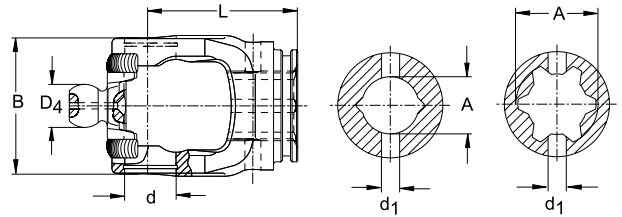
RG WIDE ANGLE INBOARD YOKES 80° SERIES W

Size	A	d	B	L	d1	Running groove	Drawing No.	Part No.
	[Profile]	[mm]	[mm]	[mm]	[mm]			
2280	00a	24	70	70	8	SC05	20.32.810	1366883
2280	0a	24	70	70	8	SC05	20.33.810	1366884
2280	0v	24	70	75	10	SC15	20.11.810	1366885
2280	1	24	70	75	10	SC15	20.12.810	1366886
2380	0v	27	84	85	10	SC15	21.11.810	1366860
2380	1	27	84	85	10	SC15	21.12.810	1366861
2380	1b	27	84	104	10	SC25	21.42.810	1366862
2380	2a	27	84	104	10	SC25	21.43.810	1366863
2380	35x31x18	27	84	92	10	SC15	21.11.118+	1123203
2480	1b	32	86	92	10	SC25	35.13.10 +	1341586
2480	2a	32	86	92	10	SC25	35.14.10 +	1341587
2480	S4	32	86	92	10	SC25	35.13.109+	1161287
2480	S5	32	86	92	10	SC25	35.14.174+	1112491
2580	S4	36	100	112	10	SC25	36.13.104M	1135294
2580	S5	36	100	112	10	SC25	36.14.116M	1135295
2580	40x36x20	36	100	106	10	SC25	36.13.12 +	1174344

D4) see identification aid

2. DRIVE SHAFTS COMPONENTS

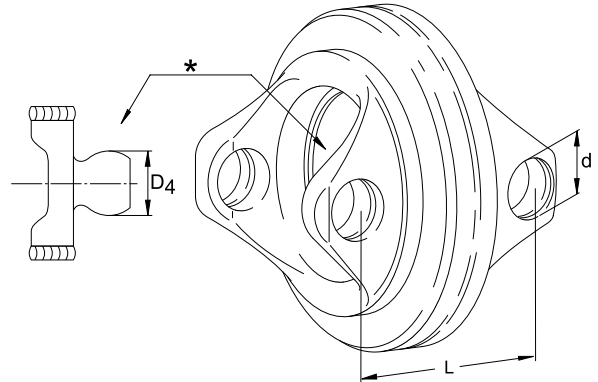
2.4. WIDE-ANGLE CONNECTING YOKES



RG WIDE ANGLE INBOARD YOKES 80° SERIES W WITH CENTRAL LUBRICATION

Size	A	d	B	L	d1	Running groove	Drawing No.	Part No.
	[Profile]	[mm]	[mm]	[mm]	[mm]			
2480	S5	32	86	92	10	SC25	35.14.181+	1123979
2580	S4	36	100	106	10	SC25	36.13.116M	1133993
2580	S5	36	100	106	10	SC25	36.14.164M	1134720
2480	S4	32	86	92	10	SC25	35.13.112+	1193787

D4) see identification aid



DOPG WIDE ANGLE DOUBLE YOKES 80° SERIES W

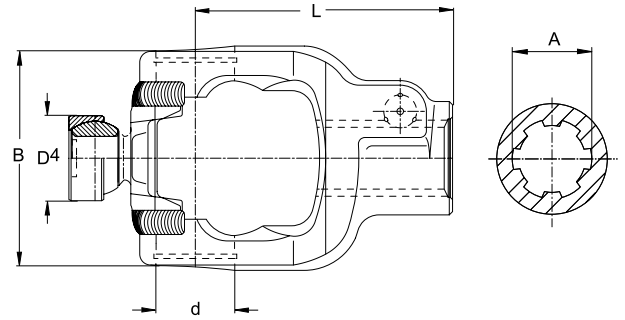
Size	d	L	Drawing No.	Part No.
	[mm]	[mm]		
2280	22	86	20.91.05 +	1384515
2380	24	95	21.91.05 +	1384517
2480	27	104	35.41.05 +	1365722
2580	32	118	36.41.05 +	1365725

D4) see identification aid

*) note diameter of ball and guide hub

2. DRIVE SHAFTS COMPONENTS

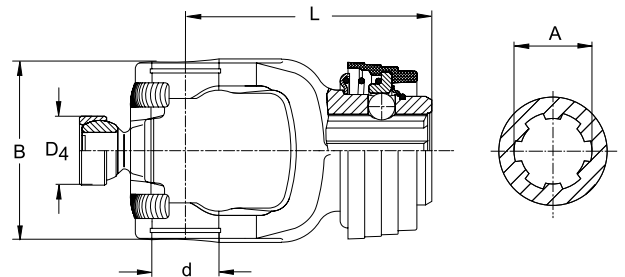
2.4. WIDE-ANGLE CONNECTING YOKES



AG P WIDE ANGLE CONNECTING YOKES 80° SERIES P (POWER DRIVE) WITH QUICK-DISCONNECT PIN

Size	A [Profile]	d [mm]	B [mm]	L [mm]	Drawing No.	Part No.
P580	1 3/8" (6)	36	100	125	36.10.310 M	1136968
P580	8x32x38	36	100	125	36.10.317M	1134685

D4) see identification aid



ASGE P WIDE ANGLE CONNECTING YOKES 80° SERIES P (POWER DRIVE) WITH SLIDE COLLAR

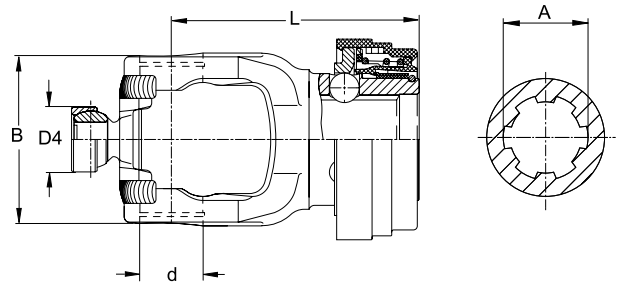
These yokes comply with the DIN EN 12965 standard

Size	A [Profile]	d [mm]	B [mm]	L [mm]	Drawing No.	Part No.
P480	1 3/8" (6)	32	86	118	35.83.330+	1139035
P480	1 3/8" (21)	32	86	126	35.83.332+	1139037

D4) see identification aid

2. DRIVE SHAFTS COMPONENTS

2.4. WIDE-ANGLE CONNECTING YOKES

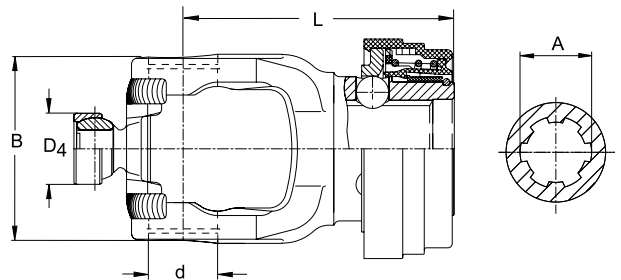


ASG P WIDE ANGLE CONNECTING YOKES 80° SERIES P (POWER DRIVE) WITH SLIDE COLLAR

These yokes comply with the DIN EN 12965 standard

Size	A [Profile]	d [mm]	B [mm]	L [mm]	Drawing No.	Part No.
P480	1 3/4" (6)	32	86	132	35.84.314M	1139039
P480	1 3/4" (20)	32	86	132	35.84.316M	1139041
P580	1 3/8" (6)	36	100	139	36.83.310M	1136933
P580	1 3/8" (21)	36	100	139	36.83.312M	1136934
P580	1 3/4" (6)	36	100	139	36.84.314M	1136935
P580	1 3/4" (20)	36	100	139	36.84.316M	1136936
P580	8x32x38	36	100	139	36.84.318M	1137847

D4) see identification aid



QSG P WIDE ANGLE CONNECTING YOKES 80° SERIES P (POWER DRIVE) WITH SLIDE COLLAR (AUTOMATIC)

These yokes comply with the DIN EN 12965 standard

Size	A [Profile]	d [mm]	B [mm]	L [mm]	Drawing No.	Part No.
P480	1 3/8" (6)	32	86	126	35.83.310+	1133910
P480	1 3/8" (21)	32	86	126	35.83.312+	1133912
P480	1 3/4" (6)	32	86	132	35.84.310M	1137014

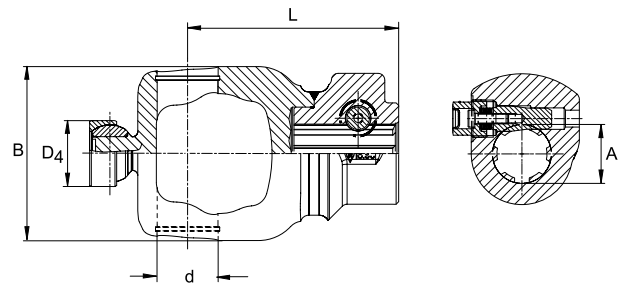
D4) see identification aid

2. DRIVE SHAFTS COMPONENTS

2.4. WIDE-ANGLE CONNECTING YOKES

Size	A	d	B	L	Drawing No.	Part No.
	[Profile]	[mm]	[mm]	[mm]		
P480	1 3/4" (20)	32	86	132	35.84.312M	1137016
P580	1 3/8" (6)H	36	100	139	36.83.318M	1136908
P580	1 3/8" (21)H	36	100	139	36.83.320M	1136965
P580	1 3/4" (6)H	36	100	139	36.84.310M	1136966
P580	1 3/4" (20)H	36	100	139	36.84.320M	1136967

D4) see identification aid



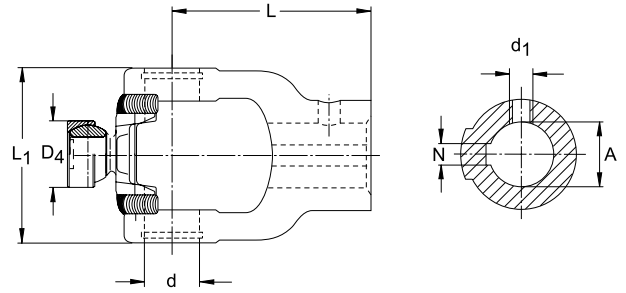
AGCC P WIDE ANGLE CONNECTING YOKES 80° SERIES P (POWER DRIVE) WITH CLAMPING CONE BOLT

Size	A	d	B	L	Drawing No.	Part No.
	[Profile]	[mm]	[mm]	[mm]		
P480	1 3/8" (6)	32	86	118	35.10.330M	1137888
P480	1 3/8" (21)	32	86	118	35.10.332M	1147439
P480	1 3/4" (6)	32	86	118	35.18.330M	1137025
P580	1 3/8" (6)	36	100	125	36.10.330M	1134654
P580	1 3/8" (21)	36	100	125	36.10.332M	1134655
P580	1 3/4" (6)	36	100	125	36.18.330M	1134656
P580	1 3/4" (20)	36	100	125	36.18.332M	1134657

D4) see identification aid

2. DRIVE SHAFTS COMPONENTS

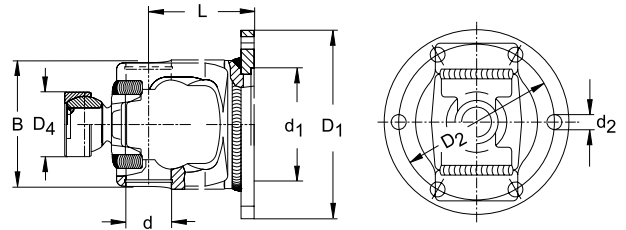
2.4. WIDE-ANGLE CONNECTING YOKES



NG P WIDE ANGLE HUB YOKES 80° SERIES P (POWER DRIVE) WITH KEYWAY AND THREADED BORE

Size	A [Profile]	N [mm]	d [mm]	L [mm]	G [Thread]	Drawing No.	Part No.
P580	35H8	10	36	125	M14	36.24.310M	1134728

D4) see identification aid



FG P WIDE ANGLE FLANGE YOKES 80° SERIES P (POWER DRIVE)

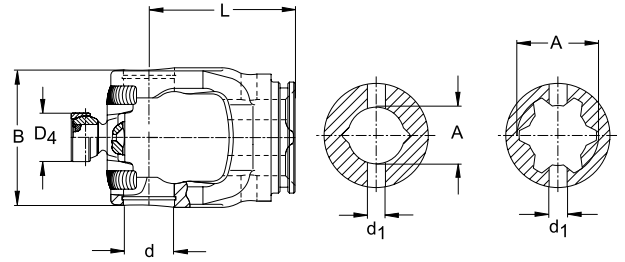
Size	D1 [mm]	d [mm]	L [mm]	D2 [mm]	n ¹⁾	d2 [mm]	d1 [mm]	Drawing No.	Part No.
P480	160	32	76	138	6	12.2	98	35.19.310M	1137805
P580	160	36	85	138	6	12.2	98	36.19.310M	1136988

1) number of bores

D4) see identification aid

2. DRIVE SHAFTS COMPONENTS

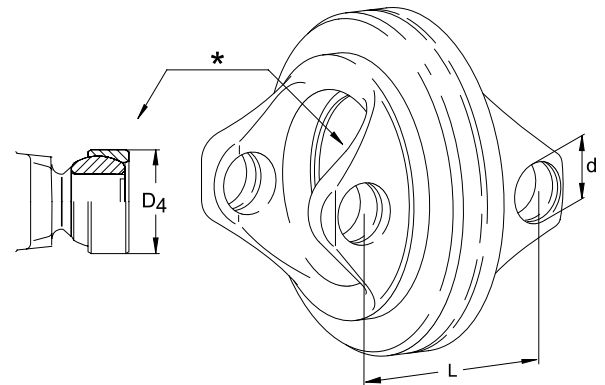
2.4. WIDE-ANGLE CONNECTING YOKES



RG P WIDE ANGLE INBOARD YOKES 80° SERIES P (POWER DRIVE)

Size	A [Profile]	d [mm]	B [mm]	L [mm]	d1 [mm]	Running groove	Drawing No.	Part No.
P480	1b	32	86	92	10	SC25	35.13.310+	1134537
P480	2a	32	86	92	10	SC25	35.14.310+	1133909
P480	S4	32	86	92	10	SC25	35.13.311+	1133905
P480	S5	32	86	92	10	SC25	35.14.311+	1133906
P580	S4	36	100	112	10	SC25	36.13.312M	1133990
P580	S5	36	100	106	10	SC25	36.14.312M	1133991

D4) see identification aid



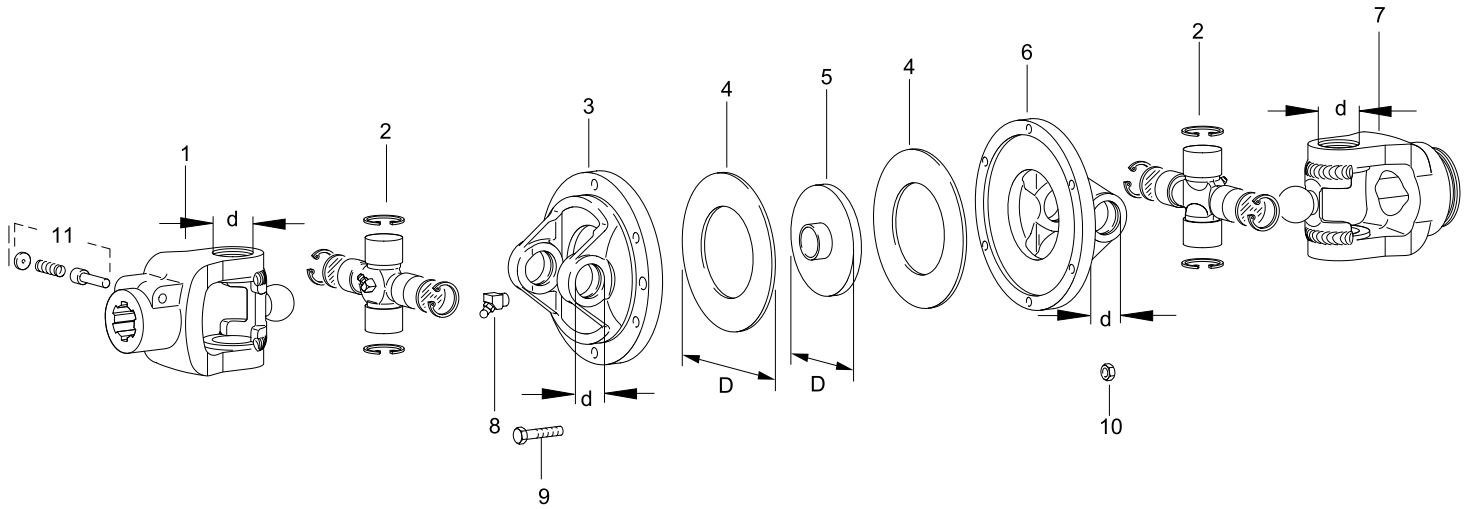
DOPG P WIDE ANGLE DOUBLE YOKES 80° SERIES P (POWER DRIVE)

Size	d [mm]	L [mm]	Drawing No.	Part No.
P480	27	104	35.41.08 +	1128854
P580	32	118	36.41.08 +	1128696

D4) Note diameter of ball and guide hub

2. DRIVE SHAFTS COMPONENTS

2.4. WIDE-ANGLE CONNECTING YOKES


















WG WIDE ANGLE JOINT 70°

Pos.	Designation	Size	d [mm]	L [mm]	Technical data	Drawing No.	Part No.
1	Quick-disconnect yoke	2370	27	107		21.10.10	1041380
1	Clampe yoke	2370	27	107		21.10.14	1041311
2	Cross and bearing kits series W						see page XXX(PGR_441)
3	Double-yoke half	2370	27	43		21.41.00	1041376
4	Washer	2370				60.68.00	1042859
5	Guide hub	2370		35.7		90.00.01	1044282
6	Double-yoke half	2370	27	43		21.41.01	1041377
7	Wide-angle inboard yokes, 70°, W series	2370	27	85		21.11.10	1041316
7	Wide-angle inboard yokes, 70°, W series	2370	27	85		21.12.10	1041319
7	Wide-angle inboard yokes, 70°, W series	2370	27	85		21.42.10	1041503
8	Zerk				M8.2x1	63.12.05	1173062
9	Hexagon screw					60.04.19	1020520
10	Hexagon nut					60.51.00	1020547
11	Locking mechanism for yokes & clutches						see page XXX(PGR_462)

2. DRIVE SHAFTS COMPONENTS

2.5. CROSS AND BEARING KITS

STANDARD SEALS

Size	Series W Standard	Series W Universal	Series W 1 x BBS*	Series W 2 x BBS*
				
	 Circlips	 Circlips	 Circlips	 Circlips
	 Zerk, 67,5°	 Zerk, 67,5°	 Lubrication fitting bushing bottom	 Lubrication fitting bushing bottom
		 Zerk, 45°	 Zerk, 67,5°	 Zerk, 67,5°
		 Zerk, 90°	 Hexagon head plug	 Hexagon head plug
		 Zerk even		
		 Hexagon head plug		
2000	1041197 19.00.00			
2100	1040116 10.01.00	1116391 10.01.142	1116401 10.01.141	1116411 10.01.143
2200	1044439 20.00.00	1116392 20.00.142	1116402 20.00.141	
2300	1044444 21.00.00	1116393 21.00.142	1116403 21.00.141	1116413 21.00.143
2400	1312410 35.00.00	1116394 35.00.142	1116404 35.00.141	1116414 35.00.143
2500	1312209 36.00.00	1116395 36.00.142	1116405 36.00.141	1116415 36.00.143
2600	see P-seals			
2700	see P-seals			

2. DRIVE SHAFTS COMPONENTS

2.5. CROSS AND BEARING KITS




P - SEALS

Size	Series P standard	Series P universal	Series P 1 x BBS*	Series P 2 x BBS*
	Circlips	Circlips	Circlips	Circlips
	Zerk, 67,5°	Zerk, 67,5°	Lubrication fitting bushing bottom	Lubrication fitting bushing bottom
		Zerk, 45°	Zerk, 67,5°	Zerk, 67,5°
		Zerk, 90°	Hexagon head plug	Hexagon head plug
		Zerk even		
		Hexagon head plug		
2200	1121142 20.00.03	1116525 20.00.132	1122076 20.00.131	
2300 / P300	1121143 21.00.03	1126106 21.00.132	1122077 21.00.131	
2400 / P400	1121144 35.00.03		1122078 35.00.131	1116361 35.00.133
2500 / P500	1121145 36.00.03		1122079 36.00.131	1116692 36.00.133
2600 / P600	1121146 26.00.03		1116496 26.00.131	
2700 / P700	1121147 27.00.03			

2. DRIVE SHAFTS COMPONENTS

2.5. CROSS AND BEARING KITS











FOR WIDE ANGLE JOINTS WITH STANDARD SEALS

Size	Series W Standard	Series W Universal	Series W 1 x BBS*
			
	 Circlips	 Circlips	 Circlips
	 Circlips with washers	 Circlips with washers	 Circlips with washers
	 Zerk, 67,5°	 Zerk, 45°	 Lubrication fitting bushing bottom
		 Zerk, 67,5°	 Zerk, 67,5°
		 Zerk, 90°	 Hexagon head plug
		 Zerk even	
		 Hexagon head plug	
2280	1367701 20.06.00		1116555 20.06.141
2380	1382701 21.06.00	1123614 21.06.142	1116550 21.06.141
2480	1342221 35.06.00		1135075 35.06.141
2580	1334109 36.06.00		1120247 36.06.141

2. DRIVE SHAFTS COMPONENTS

2.5. CROSS AND BEARING KITS











FOR WIDE ANGLE JOINTS WITH STANDARD SEALS AND CENTRAL LUBRICATION

Size	Series W	Standard	Series W	1 x BBS*
				
		Circlips		Circlips
		Circlips with washers		Circlips with washers
		Zerk, 67,5°		Lubrication fitting bushing bottom
				Zerk, 67,5°
				Hexagon head plug
2480		1191706 35.06.02		1135076 35.06.144
2580		1190007 36.06.02		1120246 36.06.144

2. DRIVE SHAFTS COMPONENTS

2.5. CROSS AND BEARING KITS











FOR WIDE ANGLE JOINTS WITH P SEALS

Size	Series P standard	Series P 1 x BBS*
		
	 Circlips	 Circlips
	 Circlips with washers	 Circlips with washers
	 Zerk, 67,5°	 Lubrication fitting bushing bottom
		 Zerk, 67,5°
		 Hexagon head plug
2380	1122315 21.06.03	
2480 / P480	1122316 35.06.03	1135077 35.06.131
2580 / P580	1122317 36.06.03	1116497 36.06.131

2. DRIVE SHAFTS COMPONENTS

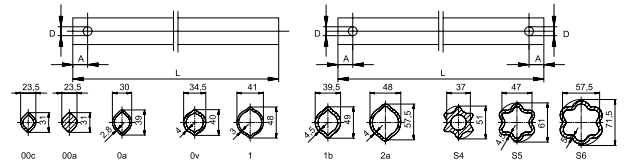
2.5. CROSS AND BEARING KITS

FOR WIDE ANGLE JOINTS WITH P SEALS AND CENTRAL LUBRICATION

Size	Series W Standard	Series P and W 1 x BBS*
		
	Circlips	 Circlips
	Circlips with washers	 Circlips with washers
	Zerk, 67,5°	 Lubrication fitting bushing bottom
		 Zerk, 67,5°
		 Hexagon head plug
2480 / P480	1122319 35.06.130	1135078 35.06.134
2580 / P580	1122320 36.06.130	1116502 36.06.134

2. DRIVE SHAFTS COMPONENTS

2.6. PROFILE

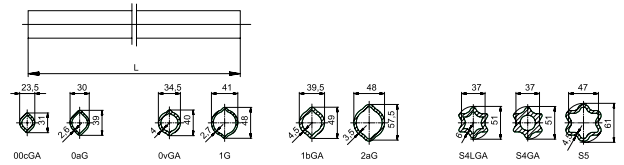


PROFILE TUBES

Telescopic section	L	D	A	Drawing No.	Part No.
	[mm]	[mm]	[mm]		
00c	1000	9	12	75.02.15	1690037
0a	1000	9	12	75.12.15	1085702
0v	1000	11	12	75.11.16	1048757
1	1000	11	13	75.15.16	1085732
1b	1000	11	13	75.25.15	1081953
2a	1000	11	13	75.35.15	1081684
S4	1000			75.49.00	1697203
S5	1000			75.45.00	1017660
S6	1000	14	22	75.46.15	1693668
00c	1400	9	12	75.02.102	1123380
0a	1400	9	12	75.12.115	1123597
0v	1400	11	13	75.11.150	1123382
1	1400	11	13	75.15.129	1123598
1b	1400	11	13	75.25.112	1123385
2a	1400	11	13	75.35.135	1123599
S4	1400			75.49.00	1699742
S5	1400			75.45.00	1134935
S6	1400	14	22	75.46.112	1123390
00c	2900			75.02.00	1183750
0a	2900			75.12.00	1045630
0v	2900			75.11.00	1045629
1	2900			75.15.00	1045632
1b	2900			75.25.00	1045634
2a	2900			75.35.00	1045636
S4	2900			75.49.00	1045649
S5	2900			75.45.00	1045639

2. DRIVE SHAFTS COMPONENTS

2.6. PROFILE



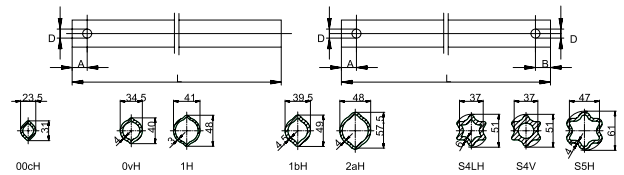
COATED PROFILE TUBES

for wide angle drive shafts

Telescopic section	L	Drawing No.	Part No.
	[mm]		
00cGA	1000	75.02.91	1135881
0aG	1000	75.13.00	1135941
0vGA	1000	75.11.91	1135936
1bGA	1000	75.25.91	1135895
1G	1000	75.16.00	1136155
2aG	1000	75.36.00	1135897
S4LGA	1000	75.43.91	1134936
S4GA	1000	75.49.91	1699743
S5	1000	75.45.00	1017660
0vGA	1400	75.11.91	1135937
1bGA	1400	75.25.91	1135896
1G	1400	75.16.00	1135938
2aG	1400	75.36.00	1135898
S4LGA	1400	75.43.91	1134937
S4GA	1400	75.49.91	1699744
S5	1400	75.45.00	1134935
00cGA	1400	75.02.91	1135882
0aG	1400	75.13.00	1135942
0aG	2900	75.13.00	1045631
1G	2900	75.16.00	1045633
2aG	2900	75.36.00	1045637

2. DRIVE SHAFTS COMPONENTS

2.6. PROFILE



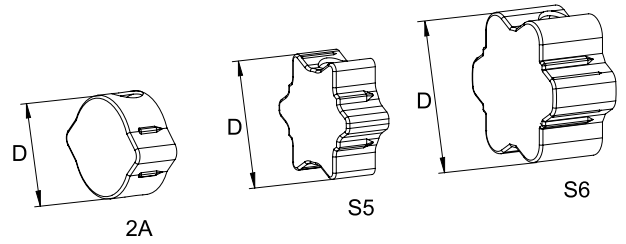
HARDENED PROFILE TUBES

for increased wear protection

Telescopic section	L	D	A	B	Drawing No.	Part No.
	[mm]	[mm]	[mm]			
00cH	680	9	12		75.02.65	1135880
0vH	680	11	13		75.11.66	1189957
1H	680	11	13		75.15.66	1134224
1bH	680	11	13		75.25.65	1056656
2aH	680	11	13		75.35.65	1124647
S4LH	680	11	14	22	75.43.104	1134940
S4H	680	14	22		75.49.100	1699747
S4V	680	11	14	22	75.44.111	1135072
S5H	680	11	14	22	75.45.247	1697200
S5H	680	14	22		75.45.55	1168274
S6H	680	14	22		75.46.55	1152469
00cH	1000	9	12		75.02.65	1690052
0vH	1000	11	13		75.11.66	1049649
1H	1000	11	13		75.15.66	1085724
1bH	1000	11	13		75.25.65	1087407
2aH	1000	11	13		75.35.65	1134225
S4LH	1000	11	14	22	75.43.104	1134941
S4H	1000	14	22		75.49.100	1699748
S4V	1000	11	14	22	75.44.111	1135073
S5H	1000	11	14	22	75.45.247	1697201
S5H	1000	14	22	22	75.45.55	1135883
S6H	1000	14	14		75.46.55	1152470
00cH	1400	9	12	12	75.02.104	1135884
0vH	1400	11	13	13	75.11.147	1116554
1H	1400	11	13	13	75.15.254	1135886
1bH	1400	11	13	13	75.25.186	1135887
2aH	1400	11	13	13	75.35.220	1135888
S4LH	1400	11	14	22	75.43.104	1123387
S4H	1400	14	22		75.49.100	1699749
S4V	1400	11	14	22	75.44.111	1135074
S5H	1400	11	14	22	75.45.247	1697202

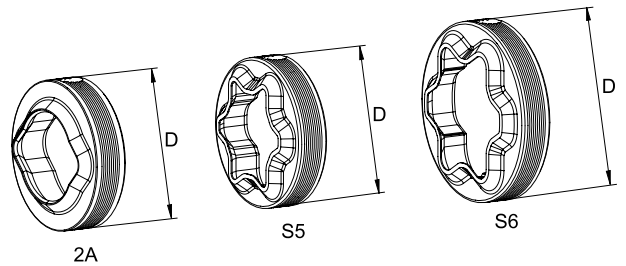
2. DRIVE SHAFTS COMPONENTS

2.7. PROFILE SPARE PARTS



PLUG

Type	Profile	Drawing No.	Part No.
Plug	2a	68.08.03	1691432
Plug	S5	68.08.01	1691436
Plug	S6	68.08.02	1691440

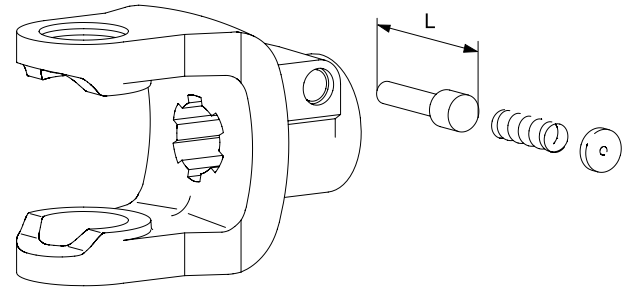


SCRAPER & CAP

Type	Profile	Drawing No.	Part No.
Scraper	2a	68.18.21	1123017
Scraper	S5	68.18.23	1123019
Scraper	S6	68.18.25	1123051
Cap	S4	68.13.22	1043535
Cap	S4LH	68.13.22	1043537

2. DRIVE SHAFTS COMPONENTS

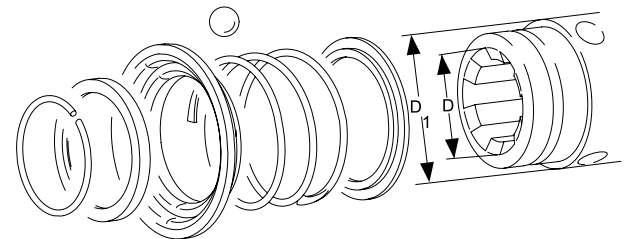
2.8. AGRASETS - LOCKING MECHANISMS



STIFT QUICK-DISCONNECTION PIN

Description	A [Profile]	L [mm]	Part No.
Agraset 101	1 1/8", 1 3/8", 6x21x25	45	1339107
Agraset 102	1 3/4"	54.5	1339302
Agraset 132	1 3/8", 6x21x25	28	1170515
Agraset 100	1 1/8", 1 3/8", 6x21x25	53	1339106*

*) old version

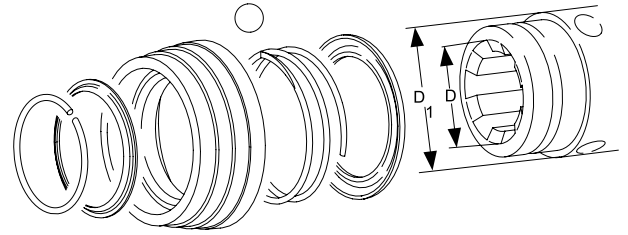


AZGE SLIDE COLLAR

Description	A [Profile]	D1 [mm]	Part No.
Agraset 173	1 3/8"	54	1136059

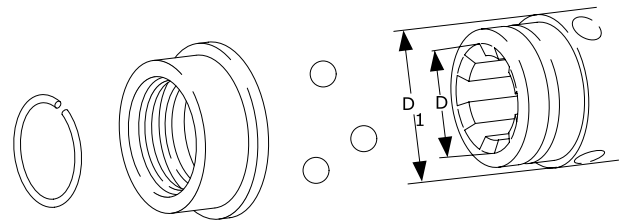
2. DRIVE SHAFTS COMPONENTS

2.8. AGRASETS - LOCKING MECHANISMS



ASGE SLIDE COLLAR

Description	A	D1	Size	Part No.
	[Profile]	[mm]		
Agraset 171	6KT, 1 1/8"	54	B	1135047
Agraset 172	1 3/8"	54	B	1135048
Agraset 174	8x32x38	54	B	1136167

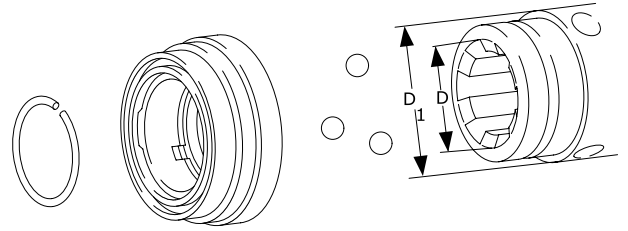


ASG SLIDE COLLAR

Description	A	D1	Size	Part No.
	[Profile]	[mm]		
Agraset 117	1 3/8"	54	B	1381908
Agraset 118	1 3/8"	67	C	1364915
Agraset 119	1 3/4"	67	C	1364916
Agraset 120	1" (15), 25x22 (10)	38		1387264
Agraset 139	6x21x25	40		1193428
Agraset 140	1 1/8" (6)	43		1193658
Agraset 175	8x32x38	67	C	1136168

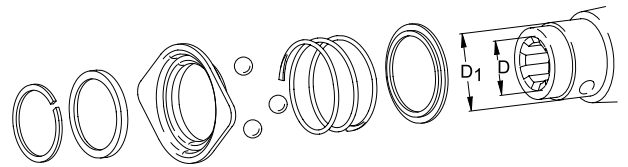
2. DRIVE SHAFTS COMPONENTS

2.8. AGRASETS - LOCKING MECHANISMS



QSG SLIDE COLLAR (AUTOMATIC)

Description	A [Profile]	D1 [mm]	Size	Part No.
Agraset 121	1 1/8"	54	B	1376104
Agraset 122	1 3/8"	54	B	1376105
Agraset 123	1 3/8"	67	C	1376106
Agraset 124	1 3/4"	67	C	1376107



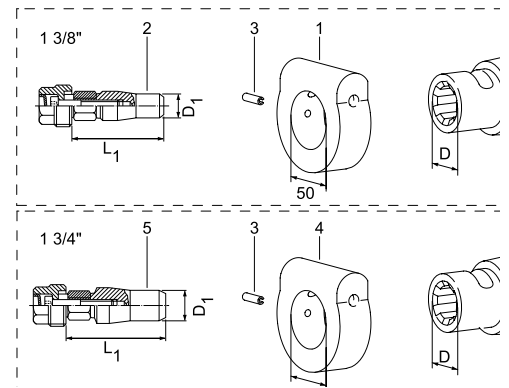
ZV SLIDE COLLAR FOR CLUTCHES

Description	D [Profile]	A [Profile]	Part No.
Agraset 127	1 1/8"	54	1376110
Agraset 108	1 3/8"	1 3/8"	1341953
Agraset 141	1 3/8"	1 3/8"	1341956*
Agraset 146	6x21x25	6x21x25	1118570

*) overtightened slide collar

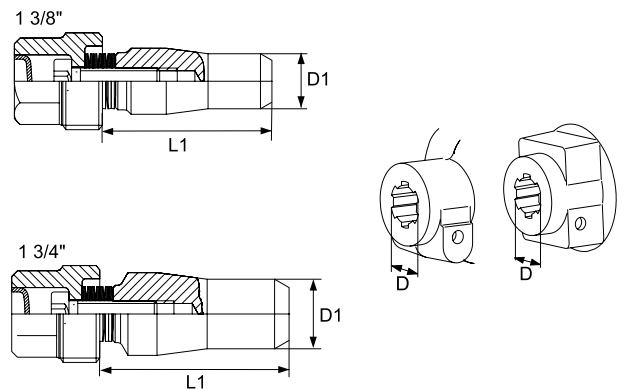
2. DRIVE SHAFTS COMPONENTS

2.8. AGRASETS - LOCKING MECHANISMS



CC CLAMPING CONE RING VERSION

Pos	Description	A [Profile]	D1 [mm]	L1 [mm]	Drawing No.	Part No.
1	Clamping ring	1 3/8"	12.5	48.5	65.13.00	1193561
2	Clamping cone	1 3/8"		48.5	65.12.10	1108494
3	Clamping pin			22	61.03.12	1305049
4	Clamping ring	1 3/4"			65.13.01	1193562
5	Clamping cone	1 3/4"	15.8	53	65.12.11	1108493

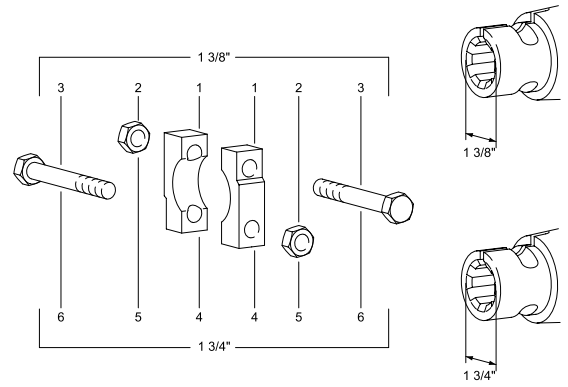


CC CLAMPING CONE

Description	D [Profile]	D1 [mm]	L1 [mm]	Drawing No.	Part No.
Clamping cone	1 3/8"	12.5	38.5	65.12.06	1107540
Clamping cone	1 3/4"	15.8	43	65.12.08	1107542

2. DRIVE SHAFTS COMPONENTS

2.8. AGRASETS - LOCKING MECHANISMS



KB INTERFERING CLAMP ASSEMBLY

Pos	Description	A	Technical data	Drawing No.	Part No.
		[Profile]			
1	Bridge	1 3/8"		16.20.51	1332178
2	Hexagon nut		M12	60.53.03	1010490
3	Hexagon screw		M12x85	60.06.11	1020471
4	Bridge	1 3/4"		16.20.99	1186397
5	Hexagon nut		M16	60.57.02	1304011
6	Hexagon screw		M16x110	60.09.11	1304065

2. DRIVE SHAFTS COMPONENTS

2.8. AGRASETS - LOCKING MECHANISMS

3. CLUTCHES

- 3.1. RADIAL PIN CLUTCHES
- 3.2. CAM TYPE CLUTCHES
- 3.3. SHEAR BOLT CLUTCHES
- 3.4. FRICTION CLUTCHES
- 3.5. OVERRUNNING CLUTCHES
- 3.6. ROTARY CLEARANCE CLUTCHES



3. CLUTCHES

EXAMPLE FOR CLUTCH IDENTIFICATION MARKINGS

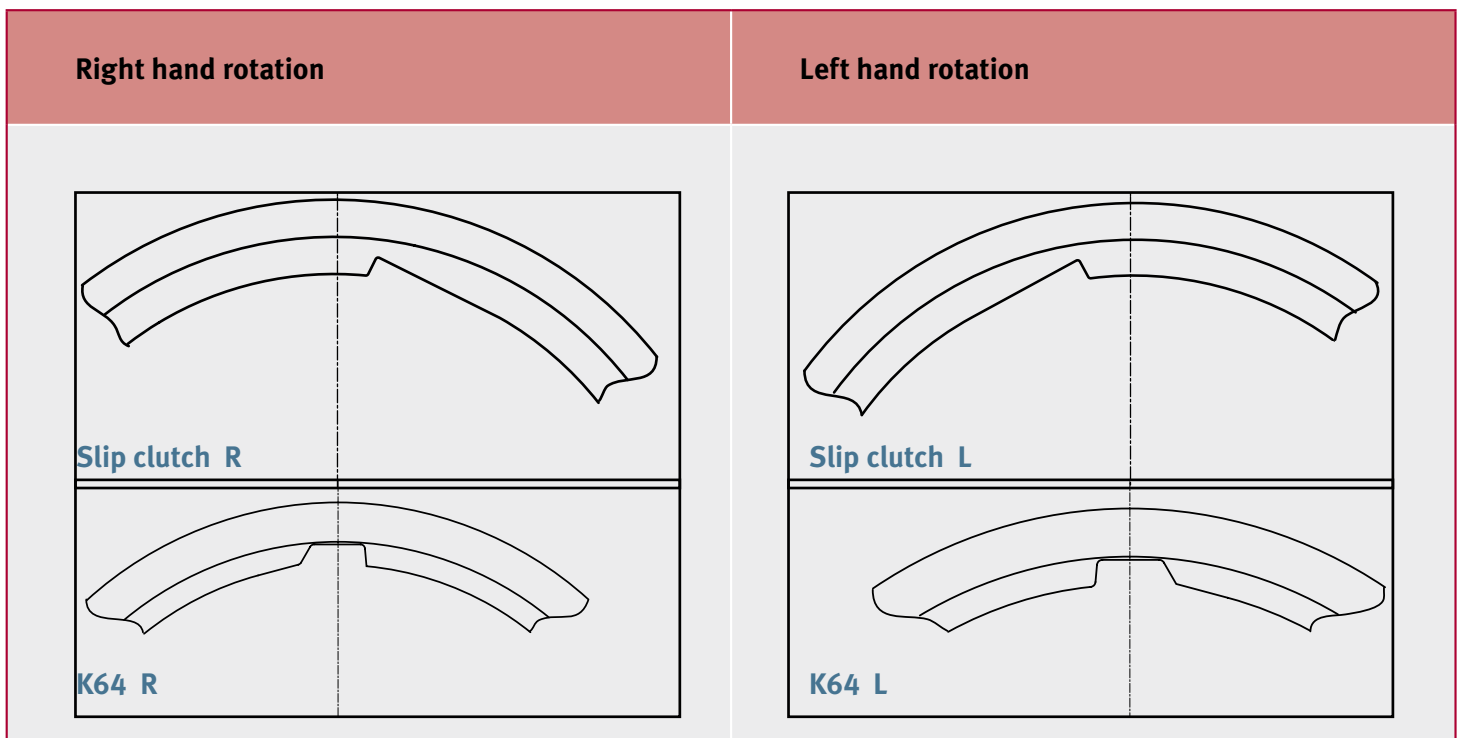


K64/12	5	06	654321	-15	/	200		L
Clutch type	Month	Year	Order No.	Lot No.		Torque rating [Nm]		Direction of rotation



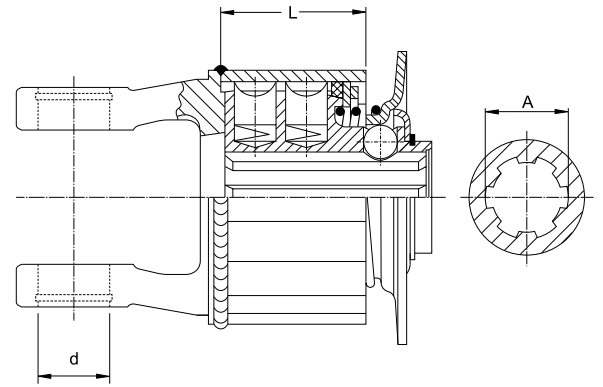
K96/4	6	05	732504	-27	/	150.	II	R
Clutch type	Month	Year	Order No.	Lot No.		Torque rating [Nm]	Setting	Direction of rotation

ROTATION DIRECTION FOR SLIP CLUTCHES AND GEAR CLUTCHES



3. CLUTCHES

3.1. RADIAL PIN CLUTCHES



K31B TO K36B AND K31M TO K36M

K...B = profiled case
K...M = solid case

Type of construction	Size	d	L	M	A	Style	Drawing No.	Part No.
		[mm]	[mm]	[daNm]	[Profile]			
K31B	2100	22	36	26	1 3/8" (6)	ZV	55.369.03	1353751
K31B	2100	22	36	30	1 3/8" (6)	ZV	55.369.03	1351076
K31B	2200	24	36	30	1 3/8" (6)	ZV	55.194.03	1366240
K32B	2100	22	55	50	1 1/8" (6)	ZV	55.578.03	1353272
K32B	2100	22	55	40	1 3/8" (6)	ZV	55.288.03	1351075
K32B	2100	22	55	50	1 3/8" (6)	ZV	55.288.03	1351073
K32B	2100	22	55	60	1 3/8" (6)	ZV	55.288.03	1193050
K32B	2100	22	55	40	30H8	B10	55.746.03	1177977
K32B	2200	24	55	30	1 3/8" (6)	ZV		1101675
K32B	2200	24	55	50	1 3/8" (6)	ZV	55.196.03	1360364
K32B	2200	24	55	55	1 3/8" (6)	ZV	55.196.03	1359486
K32B	2200	24	55	60	1 3/8" (6)	ZV	55.196.03	1359660
K32B	2300	27	55	50	1 3/8" (6)	ZV	55.200.03	1353767
K32B	2300	27	55	60	1 3/8" (6)	ZV	55.200.03	1352351
K33B	2200	24	74	60	1 3/8" (6)	ZV	55.198.03	1351930
K33B	2200	24	74	65	1 3/8" (6)	ZV	55.198.03	1358778
K33B	2200	24	74	70	1 3/8" (6)	ZV	55.198.03	1353629
K33B	2200	24	74	75	1 3/8" (6)	ZV	55.198.03	1358646
K33B	2200	24	74	80	1 3/8" (6)	ZV	55.198.03	1358523
K33B	2200	24	74	90	1 3/8" (6)	ZV	55.819.03	1197168*
K33B	2200	24	74	90	1 3/8" (6)	ZV	55.198.03	1363530
K33B	2300	27	74	75	1 3/8" (6)	ZV		1119915
K33B	2300	27	74	80	1 3/8" (6)	ZV	55.202.03	1346993
K33B	2300	27	74	90	1 3/8" (6)	ZV	55.202.03	1358570
K33B	2300	27	74	70	30H8	KF	55.698.03	1173297
K33B	2300	27	74	90	30H8	KF	55.698.03	1197808
K33B	2300	27	74	70	1 3/8" (21)	ZV	55.600.03	1165111
K33B	2400	32	74	80	1 3/8" (6)	ZV	55.576.03	1359396
K33B	2400	32	74	90	1 3/8" (6)	ZV	55.576.03	1362493

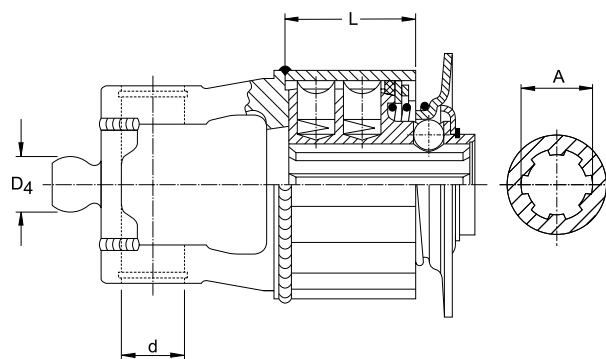
*) Overtightened bolt

3. CLUTCHES

3.1. RADIAL PIN CLUTCHES

Type of construction	Size	d	L	M	A	Style	Drawing No.	Part No.
		[mm]	[mm]	[daNm]	[Profile]			
K33M	2300	27	74	90	1 3/8" (6)	ZV	55.628.03	1377069
K34B	2300	27	93	100	1 3/8" (6)	ZV	55.204.03	1361420
K34B	2300	27	93	90	1 3/8" (6)	ZV	55.204.03	1346994
K34B	2300	27	93	105	1 3/8" (6)	ZV	55.204.03	1171877
K34B	2300	27	93	110	1 3/8" (6)	ZV	55.204.03	1348119
K34B	2300	27	93	120	1 3/8" (6)	ZV		1135151*
K34B	2300	27	93	120	1 3/8" (6)	ZV	55.204.03	1364628
K34B	2300	27	93	100	1 3/8" (21)	ZV	55.745.03	1198176
K34B	2400	32	93	110	1 3/8" (6)	ZV	55.535.03	1357178
K34B	2400	32	93	120	1 3/8" (6)	ZV	55.535.03	1357920
K34B	2400	32	93	110	1 3/8" (21)	ZV	55.680.03	1102439
K34M	2300	27	93	100	1 3/8" (6)	ZV	55.650.03	1367222
K34M	2300	27	93	110	1 3/8" (6)	ZV	55.650.03	1358548
K34M	2300	27	93	120	1 3/8" (6)	ZV	55.650.03	1167603
K34M	2400	32	93	100	1 3/8" (6)	ZV	55.622.03	1367850
K34M	2400	32	93	120	1 3/8" (6)	ZV	55.622.03	1362691
K35B	2400	32	112	120	1 3/8" (6)	ZV	55.648.03	1362327
K35B	2400	32	112	150	1 3/8" (6)	ZV	55.648.03	1362941
K35B	2400	32	112	140	1 3/8" (21)	ZV	55.665.03	1379373
K36B	2400	32	131	150	1 3/8" (6)	ZV	55.543.03	1328452

*) Overtightened bolt



K31B TO K34B FOR WIDE ANGLE JOINTS 80° SERIES W

K...B = profiled case

Type of construction	Size	d	L	M	A	Style	Drawing No.	Part No.
		[mm]	[mm]	[daNm]	[Profile]			
K32B	2280	24	55	50	1 3/8" (6)	ZV	55.673.03	1163736
K32B	2280	24	55	60	1 3/8" (6)	ZV	55.673.03	1163737
K33B	2280	24	74	65	1 3/8" (6)	ZV	55.663.03	1177609
K33B	2280	24	74	80	1 3/8" (6)	ZV	55.663.03	1163739
K33B	2380	27	74	80	1 3/8" (6)	ZV	55.674.03	1163740

3. CLUTCHES

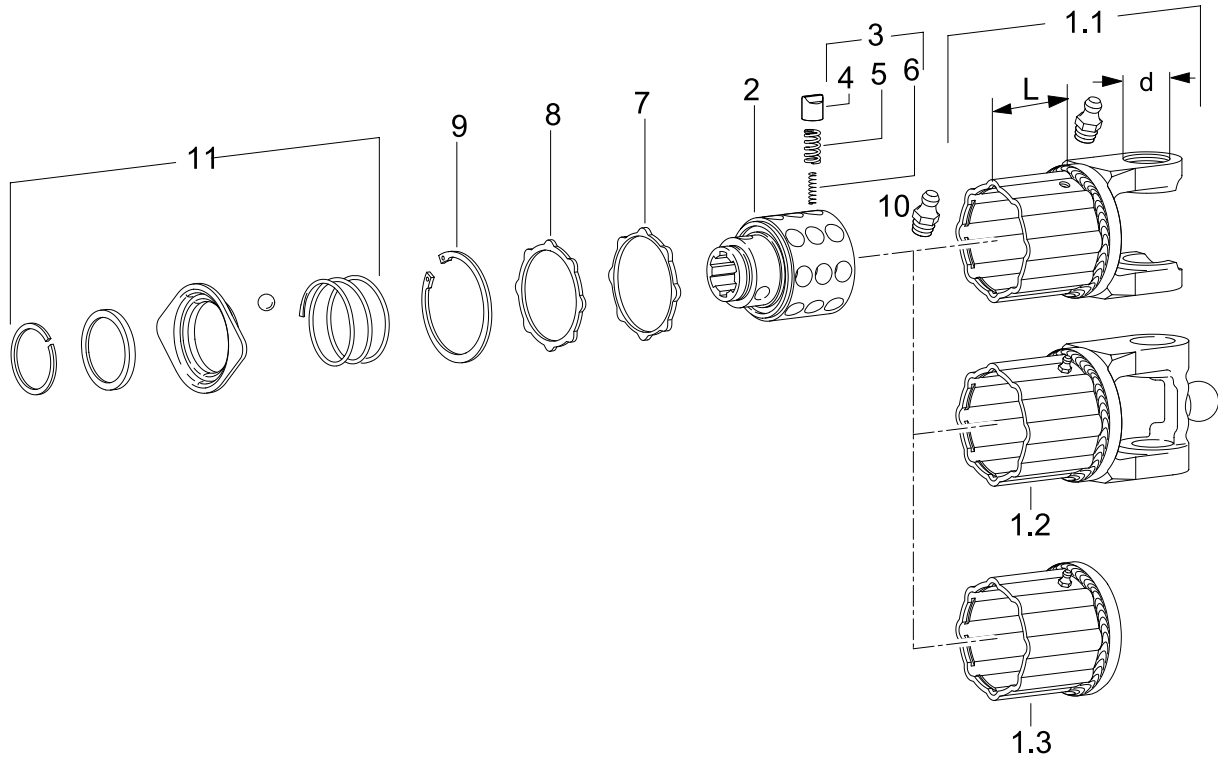
3.1. RADIAL PIN CLUTCHES



Type of construction	Size	d	L	M	A	Style	Drawing No.	Part No.
		[mm]	[mm]	[daNm]	[Profile]			
K33B	2380	27	74	90	1 3/8" (6)	ZV	55.674.03	1163741
K34B	2380	27	93	100	1 3/8" (6)	ZV	55.675.03	1163742
K34B	2380	27	93	120	1 3/8" (6)	ZV	55.675.03	1174787
K34B	2480	32	93	120	1 3/8" (6)	ZV	55.621.03	1163744

3. CLUTCHES

3.1. RADIAL PIN CLUTCHES



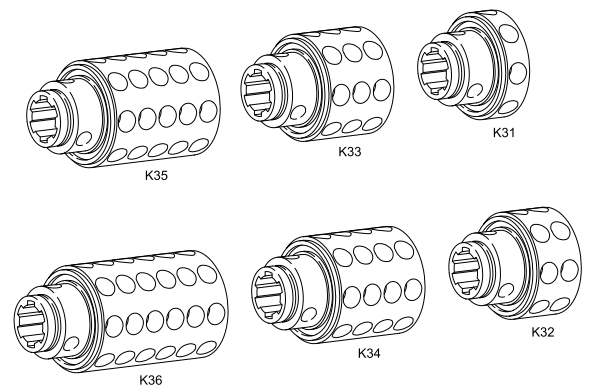
K31B TO K36B AND K31M TO K36M INDIVIDUAL PARTS

Pos.	Designation	Size	d	L	Technical data	Standard	Drawing No.	Part No.
			[mm]	[mm]				
1.1	K31B Clutch housing	2100	22	36			55.10.11	1041488
1.1	K32B Clutch housing	2200	24	55			20.31.08	1041172
1.1	K32B Clutch housing	2100	22	55			55.10.15	1084715
1.1	K32B Clutch housing	2300	27	55			21.31.10	1041493
1.1	K32B Clutch housing	2400	32	55			35.31.14 +	1317845
1.1	K33B Clutch housing	2200	24	74			20.31.09	1041174
1.1	K33B Clutch housing	2300	27	74			21.31.11	1041495
1.1	K34B Clutch housing	2300	27	93			21.31.39 +	1052685
1.1	K34B Clutch housing	2400	32	93			35.31.16 +	1317847
1.1	K34B Clutch housing	2400	32	93			35.31.100+	1321737
1.1	K34M Clutch housing	2300	27	93			21.31.64 +	1358547
1.1	K35B Clutch housing	2400	32	112			35.31.17 +	1319351
1.1	K36B Clutch housing	2300	27	131			21.31.57 +	1364496
1.2	K32B Clutch housing WW 80°	2280	24	55			20.31.820	1163748
1.2	K33B Clutch housing WW 80°	2280	24	74			20.31.821	1379058
2	K31 to K36 Hubs							see page 87
3	Repair kits Agrasetts 106				Standard springs			1341951
3	Repair kits Agrasetts 107				soft springs			1341952
4	Cam						55.01.03	1042065
5	Compression spring				12.7x2.4x23		66.01.04	1043438
6	Compression spring				7.1x1.5x23		66.01.05	1043439
7	Sealing ring				87x75x4		55.17.12	1044986

3. CLUTCHES

3.1. RADIAL PIN CLUTCHES

Pos.	Designation	Size	d [mm]	L [mm]	Technical data	Standard	Drawing No.	Part No.
8	Thrust plate				86x70x3		55.15.10	1042104
9	Retaining ring				80x2.5	DIN 472	62.15.00	1020707
10	Zerk				M8.2x1		63.12.05	1173062
11	Locking mechanism for yokes & clutches							see page 75

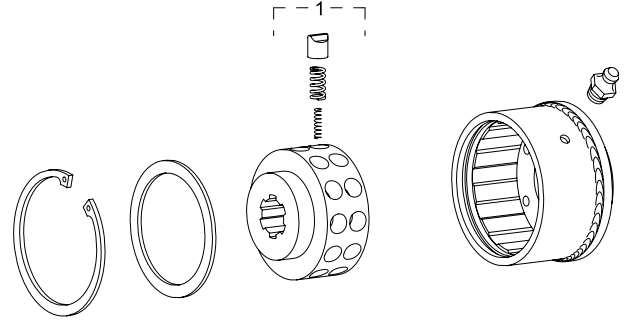


K31 TO K36 HUBS

Type	A [Profile]	Style	Drawing No.	Part No.
K31	1 3/8" (6)	ZV	55.14.12	1051487
K32	1 3/8" (6)	ZV	55.14.15	1051490
K33	1 3/8" (6)	ZV	55.14.18	1051493
K33	1 3/8" (21)	ZV	55.14.20	1051495
K34	1 3/8" (6)	ZV	55.14.21	1051496
K34	1 3/8" (21)	ZV	55.14.23	1051498
K35	1 3/8" (6)	ZV	55.14.26	1089779
K36	1 3/8" (6)		55.14.24	1051499

3. CLUTCHES

3.1. RADIAL PIN CLUTCHES



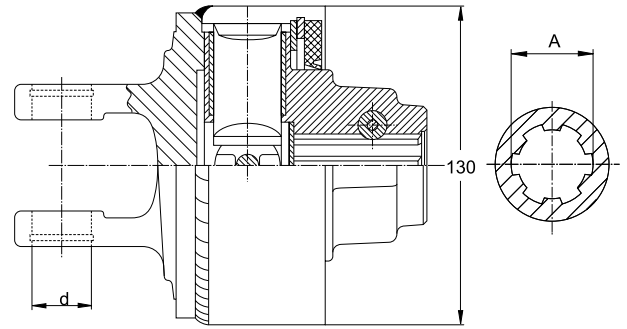
EK42-45 INDIVIDUAL PARTS

Complete clutches, hubs and housings only available through the respective machine manufacturer

Designation	Technical data	Drawing No.	Part No.
AGRASET 149			1122476

3. CLUTCHES

3.2. CAM CLUTCHES



K64/1

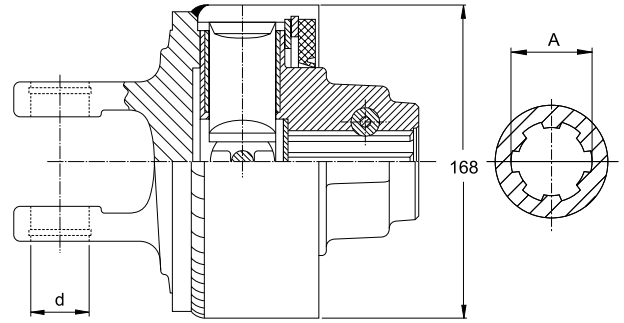
Complete clutches are no longer produced and are replaced as follows:

K64/1 replaced by K64/12

EK64/1 replaced by EK64/12

3. CLUTCHES

3.2. CAM CLUTCHES



K64/2

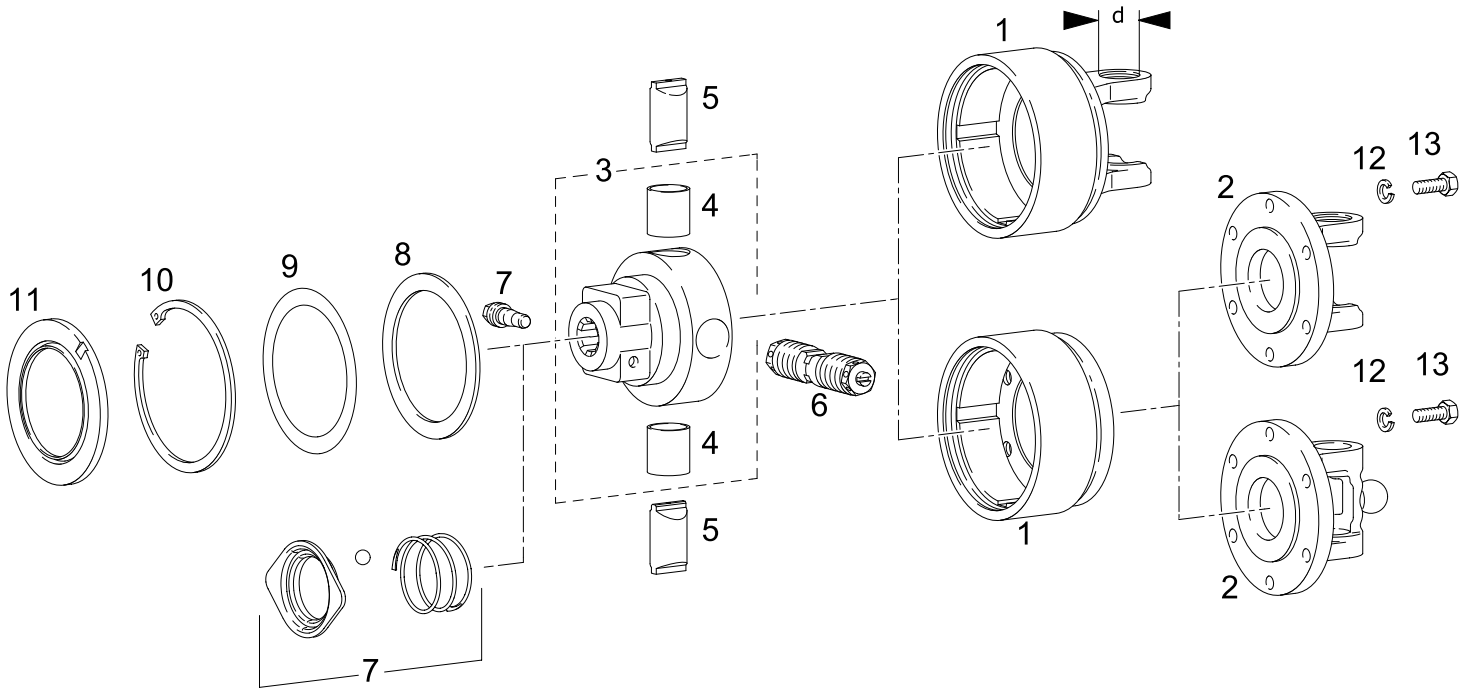
Complete clutches are no longer produced and are replaced as follows:

K64/2 replaced by K64/22

EK64/2 replaced by EK64/22

3. CLUTCHES

3.2. CAM CLUTCHES



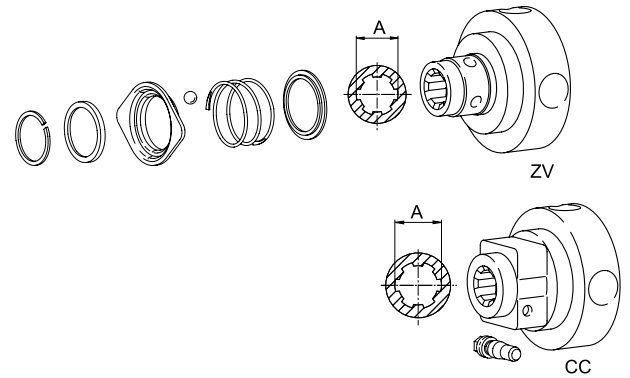
K64/1 AND EK64/1 INDIVIDUAL PARTS

Pos.	Designation	Size	d	TK ¹⁾	Technical data	Standard	Drawing No.	Part No.
			[mm]	[mm]				
1	K64/12-14R Clutch housing	2300	27				21.64.07 +	1133876
1	K64/12-14L Clutch housing	2300	27				21.64.08 +	1133877
1	K64/12-14R Clutch housing	2400	32				35.62.05 +	1133873
1	K64/12-14L Clutch housing	2400	32				35.62.06 +	1133874
1	EK64/12-14R Clutch housing			101,5	8 x M8		59.42.04	1133881
1	EK64/12-14L Clutch housing			101,5	8 x M8		59.42.05	1133882
1	EK64/12-14R Clutch housing			118	6 x M10		59.42.02	1133871
1	EK64/12-14L Clutch housing			118	6 x M10		59.42.03	1133872
2	Flange yokes Series W and P (Power Drive)							see page 44
2	Wide angle flange yokes 80° Series W							see page 56
3	K64/1 Hubs							see page 92
4	Bushing				30x34x30		16.50.450	1161461
5	Cam				Ø 30mm		59.43.00	1196698
6	K64/1 Spring sets							see page 92
7	Locking mechanism for yokes & clutches							see page 75
8	Supporting ring				95x115	DIN 988	16.20.07	1021643
9	Agraset 151 shim rings				95x115			1116142
10	Retaining ring				115x4	DIN 472	62.29.00	1021090
11	Sealing ring				117x89		68.18.00	1161458
12	Lock washer				A10	DIN 127	60.82.03	1178114
12	Lock washer				A8	DIN 127	60.81.00	1020103
13	Hexagon screw				M8x22	DIN 933	60.04.23	1020518
13	Hexagon screw				M10x25	DIN 933	60.05.55	1178116

1) TK = pitch circle diameter

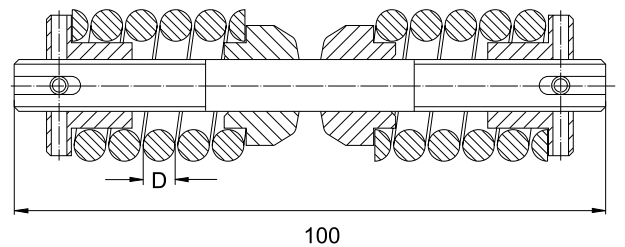
3. CLUTCHES

3.2. CAM CLUTCHES



K64/1 HUBS

Type	A	Style	Drawing No.	Part No.
	[Profile]			
K64/1	1 3/8" (6)	CC	59.40.15	1196103

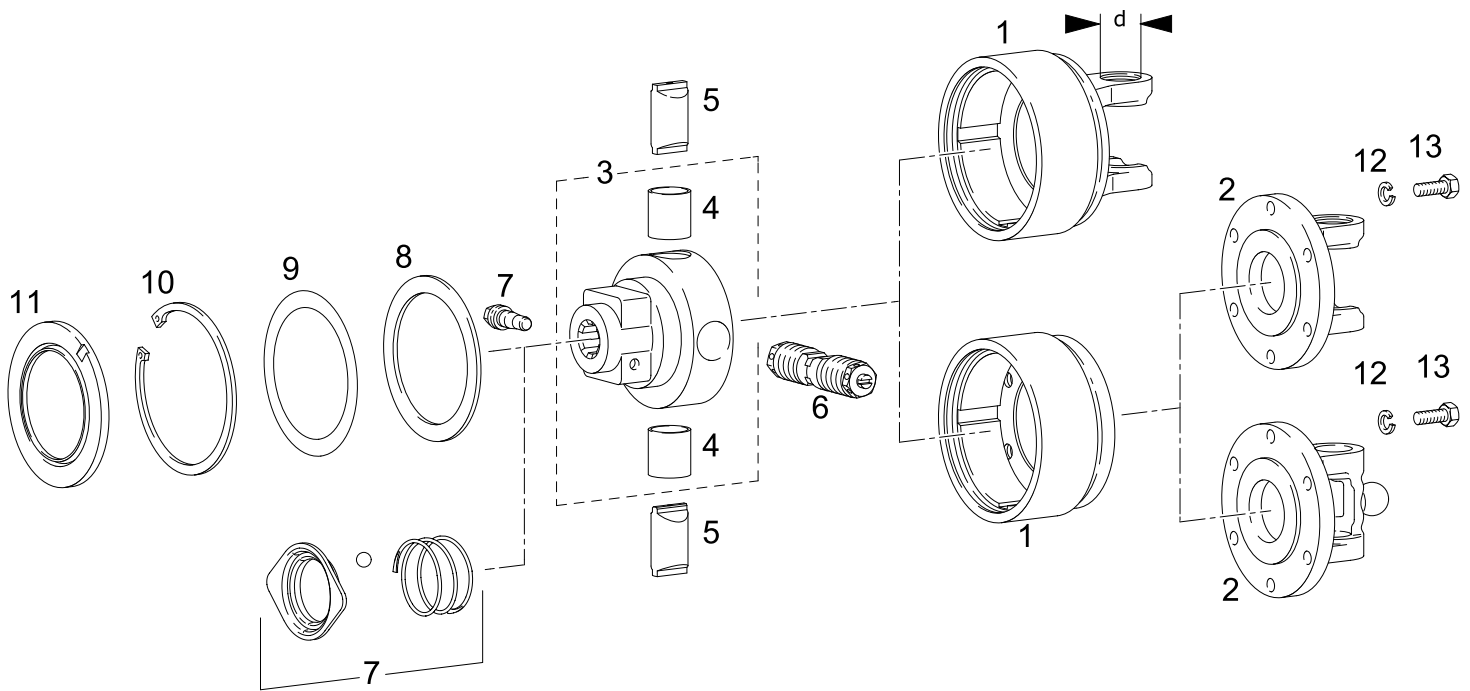


K64/1 SPRING SETS

Type of construction	M	D	Drawing No.	Part No.
	[daNm]	[mm]		
K64/1	110	6.7	59.45.00	1199967
K64/1	120	6.7	59.45.00	1199968

3. CLUTCHES

3.2. CAM CLUTCHES



K64/2 AND EK64/2 INDIVIDUAL PARTS

Pos.	Designation	Size	d	TK ¹⁾	Technical data	Standard	Drawing No.	Part No.
			[mm]	[mm]				
1	K64/22-24R Clutch housing	2300	27				21.90.12 +	1134694
1	K64/22-24R Clutch housing	2400	32				35.90.15 +	1133795
1	K64/22-24L Clutch housing	2400	32				35.90.16 +	1133796
1	K64/22-24R Clutch housing	2500	36				36.90.18 +	1129915
1	K64/22-24L Clutch housing	2500	36				36.90.19 +	1129916
1	K64/22-24R Clutch housing	2600	42				26.90.15 +	1129882
1	K64/22-24L Clutch housing	2600	42				26.90.16 +	1129883
1	K64/22-24R Clutch housing	2700	50				27.90.02+	1135556
1	K64/22-24L Clutch housing	2700	50				27.90.03+	1136715
1	EK64/24R Clutch housing			118	6 x M10		59.22.08	1134689
1	EK64/22L Clutch housing			118	6 x M10		59.22.09	1134690
1	EK64/22L Clutch housing			138	6 x M12		59.22.06	1114972
1	EK64/22R Clutch housing			138	6 x M12		59.22.07	1129781
1	EK64/24L Clutch housing			138	12 x M12		59.22.11	1135120
1	EK64/24R Clutch housing			138	12 x M12		59.22.10	1135119
2	Flange yokes Series W and P (Power Drive)							see page 44
2	Wide angle flange yokes 80° Series W							see page 56
3	K64/2 Hubs							see page 94
4	Bushing				35x39x40		16.50.425	1364622
5	Cam						59.23.00	1364636
6	K64/2 Spring sets							see page 95
7	Locking mechanism for yokes & clutches							see page 75

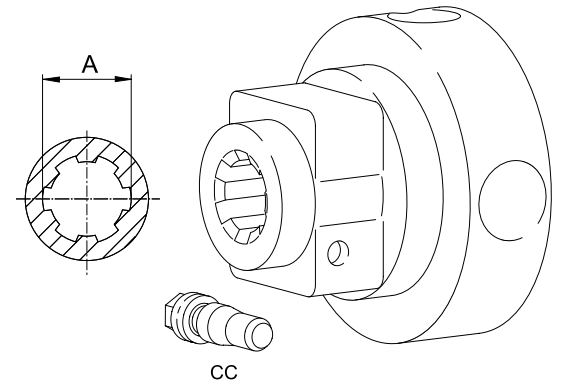
1) TK = pitch circle diameter

3. CLUTCHES

3.2. CAM CLUTCHES

Pos.	Designation	Size	d [mm]	TK ¹⁾ [mm]	Technical data	Standard	Drawing No.	Part No.
8	Supporting ring				120x150	DIN 988	16.20.81	1364621
9	Agraset 152 shim rings				120x150			1116143
10	Retaining ring				150x4	DIN 472	62.46.00	1364499
11	Sealing ring						68.18.01	1161459
12	Lock washer				A10	DIN 127	60.82.03	1178114
12	Lock washer				A12	DIN 127	60.83.02	1178115
13	Hexagon screw				M10 x 30	DIN 933	60.05.56	1178117
13	Hexagon screw				M12 x 30	DIN 933	60.06.53	1178119

1) TK = pitch circle diameter

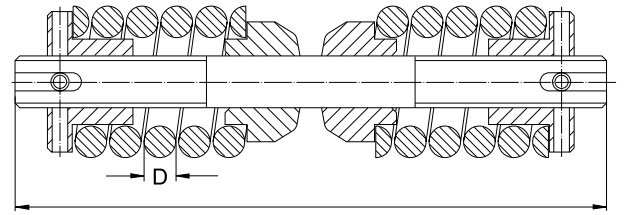


K64/2 HUBS

Type	A [Profile]	Style	Drawing No.	Part No.
K64/2	1 3/8" (6)	CC	59.20.27	1193307
K64/2	1 3/8" (21)	CC	59.20.29	1195233
K64/2	1 3/4" (6)H	CC	59.20.35	1102077
K64/2	1 3/4" (20)H	CC	59.20.31	1198196
K64/2	35H8		59.20.33	1101383

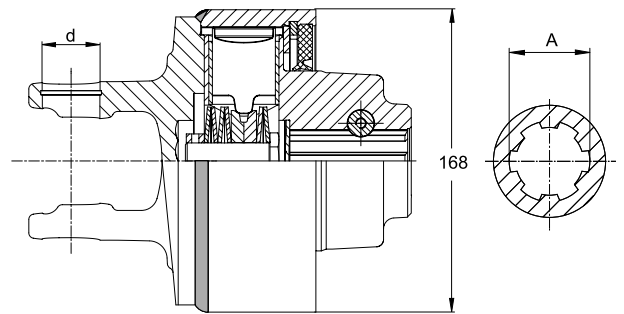
3. CLUTCHES

3.2. CAM CLUTCHES



K64/2 SPRING SETS

Type of construction	M [daNm]	D [mm]	Drawing No.	Part No.
K64/2	150	7	59.25.01	1375936
K64/2	160	7	59.25.01	1375937
K64/2	180	7	59.25.01	1375938
K64/2	240	7	59.25.01	1376060
K64/2	250	7	59.25.01	1376061
K64/2	270	7.5	59.25.02	1102176
K64/2	290	7.5	59.25.02	1190227

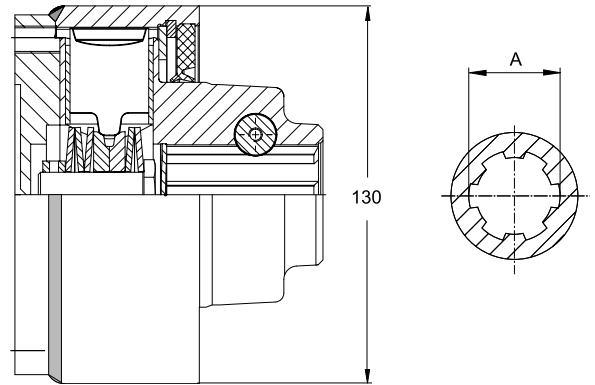


K64/12

Type of construction	Size	d [mm]	A [Profile]	Style	M [daNm]	Drawing No.	Part No.
K64/12R	2300	27	1 3/8" (6)	CC	60	59.108.41	1134812
K64/12R	2300	27	1 3/8" (6)	CC	80	59.108.41	1134827
K64/12R	2300	27	1 3/8" (6)	CC	90	59.108.41	1134828
K64/12R	2300	27	1 3/8" (6)	ZV	110	59.115.41	1134829
K64/12R	2300	27	1 3/8" (6)	CC	120	59.108.41	1693055
K64/12R	2400	32	1 3/8" (6)	CC	120	59.100.41	1693344
K64/12R	2400	32	1 3/8" (21)	CC	100	59.116.41	1135254
K64/12L	2400	32	1 3/8" (6)	CC	100	59.101.41	1135367

3. CLUTCHES

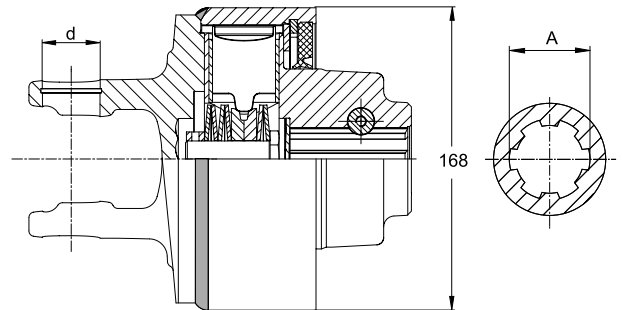
3.2. CAM CLUTCHES



EK64/12

Type of construction	TK ¹⁾ [mm]	Technical data	A [Profile]	Style	M [daNm]	Drawing No.	Part No.
EK64/12R	118	6xM10	1 3/8" (6)	CC	110	59.103.41	1690100
EK64/12R	118	6xM10	1 3/8" (6)	CC	120	59.103.41	1693054
EK64/12L	118	6xM10	1 3/8" (6)	CC	60	59.102.41	1135720
EK64/12L	118	6xM10	1 3/8" (6)	CC	90	59.102.41	1135368
EK64/12L	118	6xM10	1 3/8" (6)	CC	100	59.102.41	1138011

1) TK = pitch circle diameter

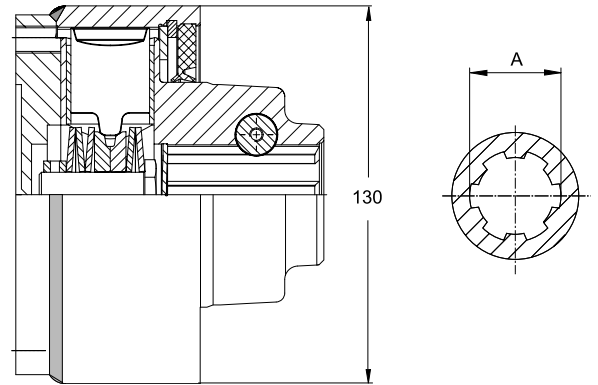


K64/14

Type of construction	Size	d [mm]	A [Profile]	Style	M [daNm]	Drawing No.	Part No.
K64/14R	2300	27	1 3/8" (6)	CC	130	59.108.42	1690086
K64/14R	2300	27	1 3/8" (6)	CC	140	59.108.42	1134178
K64/14R	2300	27	1 3/8" (21)	CC	140	59.110.42	1135401
K64/14R	2400	32	1 3/8" (6)	CC	130	59.100.42	1133894
K64/14R	2400	32	1 3/8" (6)	CC	140	59.100.42	1137566
K64/14R	2400	32	1 3/8" (6)	CC	165	59.100.42	1133895
K64/14R	2400	32	1 3/8" (21)	CC	165	59.115.42	1135559
K64/14L	2300	27	1 3/8" (6)	CC	140	59.109.42	1135399
K64/14L	2400	32	1 3/8" (6)	CC	140	59.101.42	1133801

3. CLUTCHES

3.2. CAM CLUTCHES



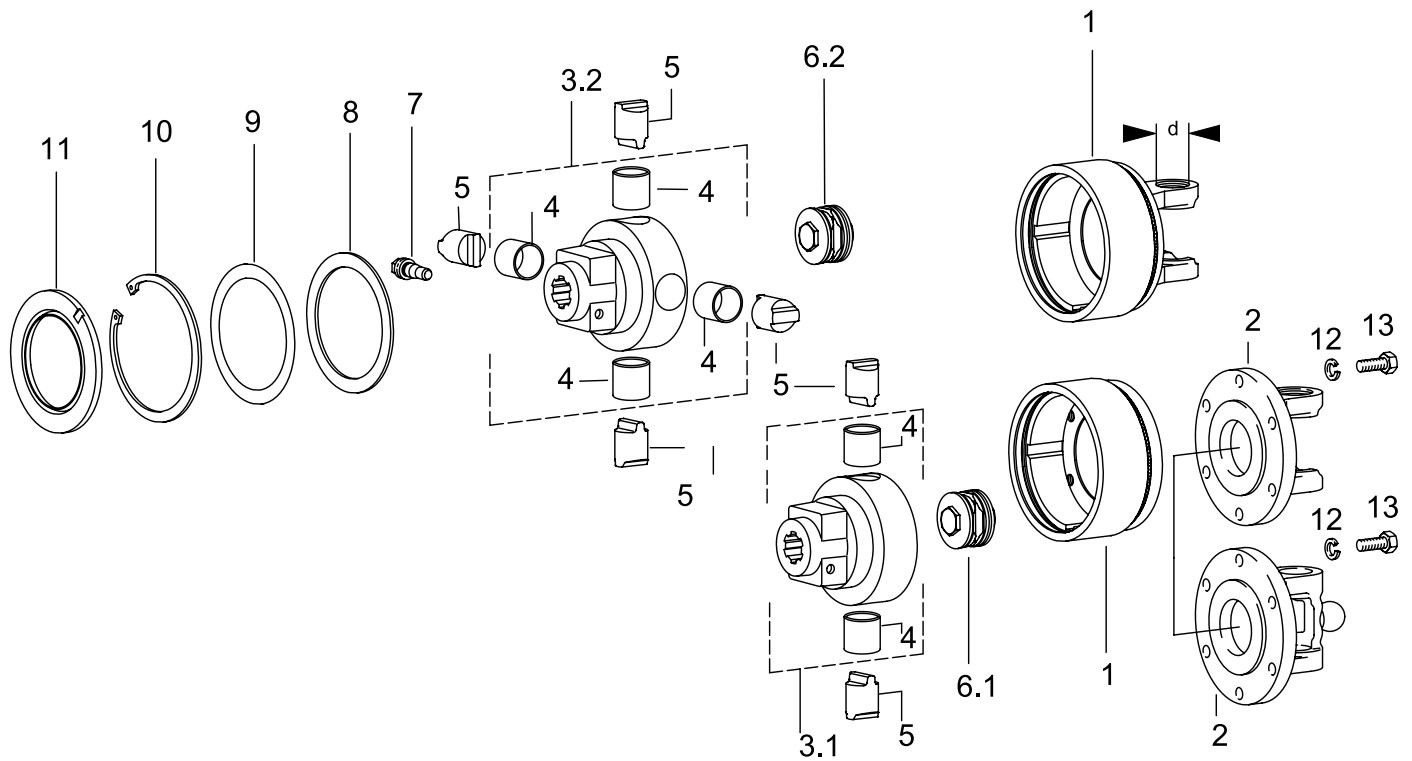
EK64/14

Type of construction	TK ¹⁾ [mm]	Technical data	A [Profile]	Style	M [daNm]	Drawing No.	Part No.
EK64/14R	118	6xM10	1 3/8" (6)	CC	165	59.103.42	1133892
EK64/14R	118	6xM10	1 3/8" (6)	CC	190	59.112.42	1394674
EK64/14L	118	6xM10	1 3/8" (6)	CC	140	59.102.42	1133802

1) TK = pitch circle diameter

3. CLUTCHES

3.2. CAM CLUTCHES



K64/12-14 AND EK64/12-14 INDIVIDUAL PARTS

Pos.	Designation	Size	d	TK ¹⁾	Technical data	Standard	Drawing No.	Part No.
			[mm]	[mm]				
1	K64/12-14R Clutch housing	2300	27				21.64.07 +	1133876
1	K64/12-14L Clutch housing	2300	27				21.64.08 +	1133877
1	K64/12-14R Clutch housing	2400	32				35.62.05 +	1133873
1	K64/12-14L Clutch housing	2400	32				35.62.06 +	1133874
1	EK64/12-14R Clutch housing			118	6 x M10		59.42.02	1133871
1	EK64/12-14L Clutch housing			118	6 x M10		59.42.03	1133872
1	EK64/12-14R Clutch housing			101,5	8 x M8		59.42.04	1133881
1	EK64/12-14L Clutch housing			101,5	8 x M8		59.42.05	1133882
2	Flange yokes Series W and P (Power Drive)							see page 44
2	Wide angle flange yokes 80° Series W							see page 56
3	K64/12 Hubs							see page 99
3	K64/14 Hubs							see page 100
4	Bushing				30x34x26		16.50.620	1128563
5	Cam						59.43.01	1128557
6	K64/12 Spring sets							see page 100
6	K64/14 Spring sets							see page 101
7	Locking mechanism for yokes & clutches							see page 75
8	Supporting ring				95x115	DIN 988	16.20.07	1021643
9	Agraset 151 shim rings				95x115			1116142
10	Retaining ring				115x4	DIN 472	62.29.00	1021090
11	Sealing ring				117x89		68.18.00	1161458

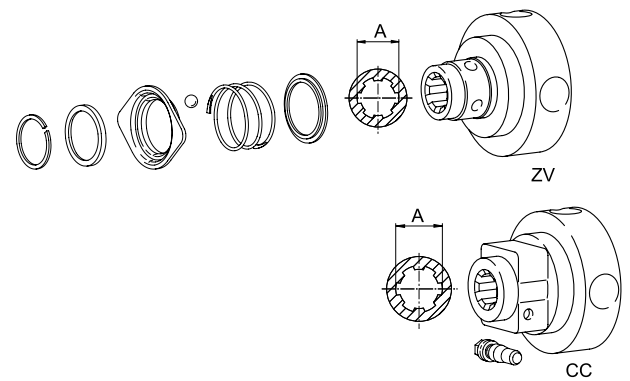
1) TK = pitch circle diameter

3. CLUTCHES

3.2. CAM CLUTCHES

Pos.	Designation	Size	d	TK ¹⁾	Technical data	Standard	Drawing No.	Part No.
			[mm]	[mm]				
12	Lock washer				A10	DIN 127	60.82.03	1178114
12	Lock washer				A8	DIN 127	60.81.00	1020103
13	Hexagon screw				M8x22	DIN 933	60.04.23	1020518
13	Hexagon screw				M10x25	DIN 933	60.05.55	1178116

1) TK = pitch circle diameter

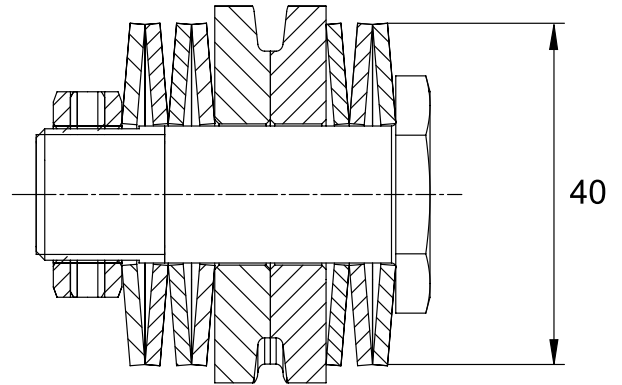


K64/12 HUBS

Type	A	Style	Drawing No.	Part No.
	[Profile]			
K64/12	1 3/8" (6)	CC	59.46.00	1128517
K64/12	1 3/8" (21)	CC	59.46.01	1128564

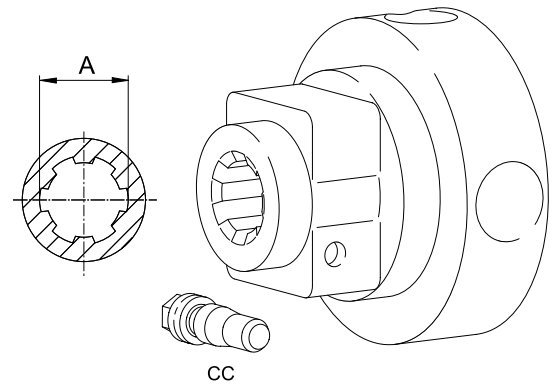
3. CLUTCHES

3.2. CAM CLUTCHES



K64/12 SPRING SETS

Type of construction	M	Technical data	Drawing No.	Part No.
	[daNm]			
K64/12	60	7x1,5mm	59.27.01	1129846
K64/12	80	7x1,5mm	59.27.01	1129849
K64/12	90	7x1,5mm	59.27.01	1129850
K64/12	100	8x1,5mm	59.27.02	1129853
K64/12	110	8x1,5mm	59.27.02	1129854
K64/12	120	8x1,5mm	59.27.02	1129855

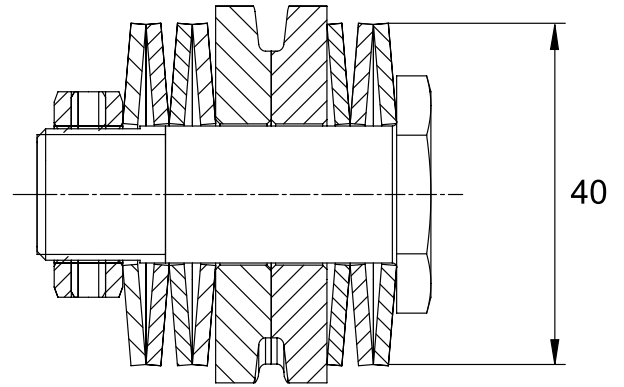


K64/14 HUBS

Type	A	Style	Drawing No.	Part No.
	[Profile]			
K64/14	1 3/8" (6)	CC	59.46.02	1128518
K64/14	1 3/8" (21)	CC	59.46.03	1128502

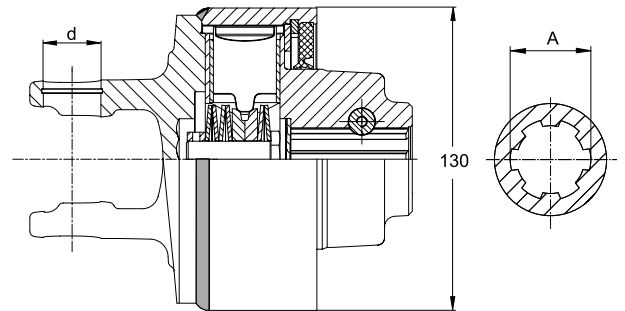
3. CLUTCHES

3.2. CAM CLUTCHES



K64/14 SPRING SETS

Type of construction	M [daNm]	Technical data	Drawing No.	Part No.
K64/14	130	7x1,5mm	59.27.03	1129861
K64/14	140	7x1,5mm	59.27.03	1129862
K64/14	150	7x1,5mm	59.27.03	1129863
K64/14	165	7x1,5mm	59.27.03	1129864
K64/14	180	7x1,5mm	59.27.03	1129865



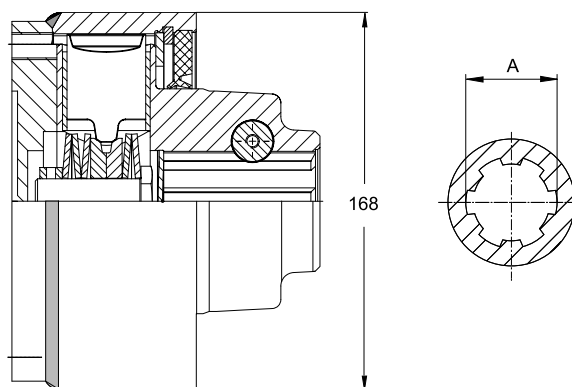
K64/22

Type of construction	Size	d [mm]	A [Profile]	Style	M [daNm]	Drawing No.	Part No.
K64/22R	2400	32	1 3/8" (6)	CC	140	59.110.43	1690092
K64/22R	2400	32	1 3/8" (6)	CC	150	59.110.43	1690093
K64/22R	2400	32	1 3/8" (6)	CC	173	59.110.43	1690097
K64/22R	2400	32	1 3/8" (6)	CC	180	59.110.43	1690089
K64/22R	2400	32	1 3/8" (6)	CC	200	59.110.43	1690102
K64/22R	2400	32	1 3/8" (6)	CC	220	59.110.43	1690224
K64/22R	2400	32	1 3/8" (21)	CC	150	59.105.43	1135454
K64/22R	2400	32	1 3/4" (6)H	CC	150	59.116.43	1693354
K64/22R	2400	32	1 3/4" (6)H	CC	165	59.116.43	1135358
K64/22R	2400	32	1 3/4" (6)H	CC	180	59.116.43	1135455

3. CLUTCHES

3.2. CAM CLUTCHES

Type of construction	Size	d	A	Style	M	Drawing No.	Part No.
		[mm]	[Profile]		[daNm]		
K64/22R	2400	32	1 3/4" (6)H	CC	250	59.116.43	1135330
K64/22R	2400	32	1 3/4" (6)H	CC	90	59.116.43	1693349
K64/22R	2500	36	1 3/8" (6)	CC	165	59.117.43	1135359
K64/22R	2500	36	1 3/8" (6)	CC	200	59.117.43	1693363
K64/22R	2500	36	1 3/8" (6)	CC	250	59.117.43	1693366
K64/22R	2500	36	1 3/8" (21)	CC	250	59.123.43	1693368
K64/22R	2500	36	1 3/4" (6)H	CC	165	59.127.43	1134914
K64/22R	2500	36	1 3/4" (6)H	CC	180	59.127.43	1133969
K64/22R	2500	36	1 3/4" (6)H	CC	200	59.127.43	1134445
K64/22R	2500	36	1 3/4" (6)H	CC	250	59.127.43	1690109
K64/22R	2500	36	1 3/4" (6)H	CC	220	59.127.43	1134507
K64/22R	2500	36	1 3/4" (20)H	CC	180	59.108.43	1129932
K64/22R	2500	36	1 3/4" (20)H	CC	200	59.108.43	1690114
K64/22R	2600	42	1 3/4" (6)H	CC	250	59.106.43	1690116
K64/22R	2600	42	1 3/4" (20)H	CC	250	59.124.43	1135451
K64/22L	2500	36	1 3/4" (6)H	CC	200	59.128.43	1135459



EK64/22

Type of construction	TK ¹⁾	Technical data	A	Style	M	Drawing No.	Part No.
	[mm]		[Profile]		[daNm]		
EK64/22R	118	6xM10	1 3/8" (6)	CC	140	59.132.43	1135489
EK64/22R	138	6xM12	1 3/8" (6)	CC	150	59.111.43	1693382
EK64/22R	138	6xM12	1 3/8" (6)	CC	165	59.111.43	1693383
EK64/22R	138	6xM12	1 3/8" (6)	CC	180	59.111.43	1693341
EK64/22R	138	6xM12	1 3/8" (6)	CC	200	59.111.43	1135363
EK64/22R	138	6xM12	1 3/4" (6)H	CC	150	59.107.43	1137002
EK64/22R	138	6xM12	1 3/4" (6)H	CC	165	59.107.43	1134364
EK64/22R	138	6xM12	1 3/4" (6)H	CC	180	59.107.43	1693342
EK64/22R	138	6xM12	1 3/4" (6)H	CC	200	59.107.43	1129931
EK64/22R	138	6xM12	1 3/4" (6)H	CC	250	59.107.43	1129870
EK64/22R	138	6xM12	1 3/4" (20)H	CC	250	59.101.43	1129869

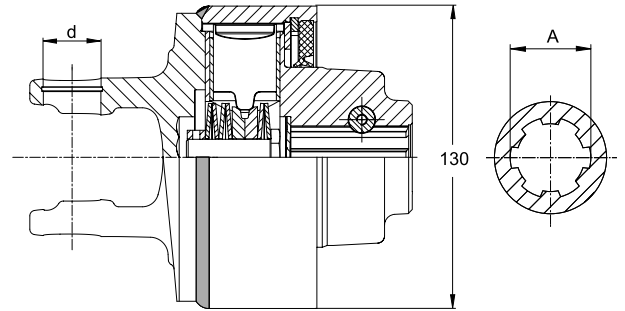
1) TK = pitch circle diameter

3. CLUTCHES

3.2. CAM CLUTCHES

Type of construction	TK ¹⁾	Technical data	A	Style	M	Drawing No.	Part No.
	[mm]		[Profile]		[daNm]		
EK64/22L	138	6xM12	1 3/4" (6)H	CC	250	59.102.43	1133599

1) TK = pitch circle diameter

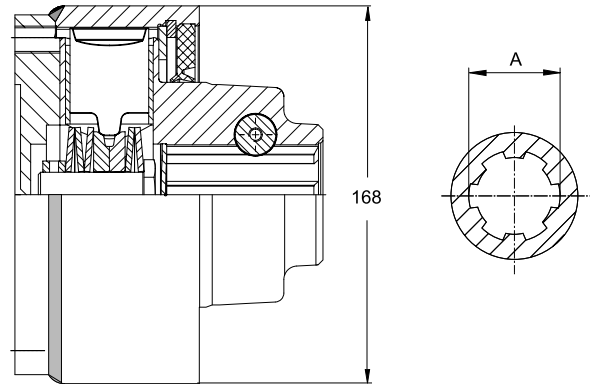


K64/24

Type of construction	Size	d	A	Style	M	Drawing No.	Part No.
		[mm]	[Profile]		[daNm]		
K64/24R	2500	36	1 3/8" (6)	CC	270	59.111.44	1135416
K64/24R	2500	36	1 3/4" (6)H	CC	270	59.106.44	1135362
K64/24R	2500	36	1 3/4" (20)H	CC	270	59.104.44	1135986
K64/24R	2500	36	1 3/4" (20)H	CC	350	59.104.44	1134467
K64/24R	2600	42	1 3/4" (6)H	CC	350	59.110.44	1136231
K64/24R	2600	42	1 3/4" (6)H	CC	270	59.110.44	1135164
K64/24R	2600	42	1 3/4" (6)H	CC	380	59.110.44	1135415
K64/24R	2600	42	1 3/4" (6)H	CC	450	59.110.44	1136570
K64/24R	2600	42	1 3/4" (20)H	CC	270	59.108.44	1135498
K64/24R	2600	42	1 3/4" (20)H	CC	350	59.108.44	1693397
K64/24R	2600	42	1 3/4" (20)H	CC	380	59.108.44	1135808
K64/24R	2600	42	1 3/4" (20)H	CC	450	59.108.44	1138041
K64/24R	2700	50	1 3/4" (6)H	CC	450	59.118.44	1135767
K64/24R	2700	50	1 3/4" (20)H	CC	450	59.117.44	1135865
K64/24L	2600	36	1 3/4" (20)H	CC	380	59.114.44	1694175
K64/24L	2700	50	1 3/4" (6)H	CC	450	59.119.44	1136716

3. CLUTCHES

3.2. CAM CLUTCHES



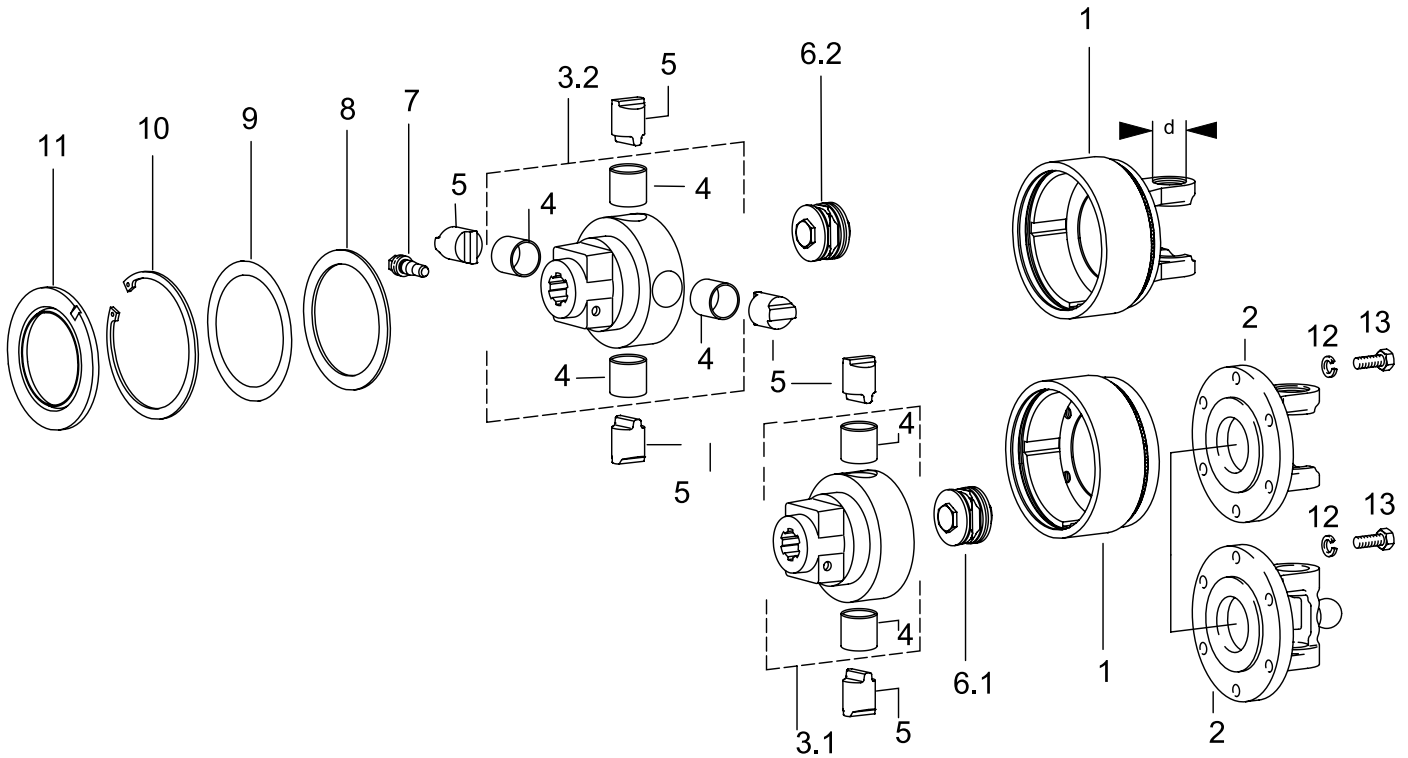
EK64/24

Type of construction	TK ¹⁾ [mm]	Technical data	A [Profile]	Style	M [daNm]	Drawing No.	Part No.
EK64/24R	138	12xM12	1 3/4" (6)H	CC	250	59.100.44	1129879
EK64/24R	138	12xM12	1 3/4" (6)H	CC	350	59.100.44	1129529
EK64/24R	138	12xM12	1 3/4" (6)H	CC	380	59.100.44	1136029
EK64/24R	138	12xM12	1 3/4" (20)H	CC	250	59.101.44	1129875
EK64/24R	138	12xM12	1 3/4" (20)H	CC	400	59.101.44	1138772
EK64/24L	138	12xM12	1 3/4" (6)H	CC	250	59.102.44	1129878
EK64/24L	138	12xM12	1 3/4" (20)H	CC	250	59.103.44	1129880

1) TK = pitch circle diameter

3. CLUTCHES

3.2. CAM CLUTCHES



K64/22-24 AND EK64/22-24 INDIVIDUAL PARTS

Pos.	Designation	Size	d	TK ¹⁾	Technical data	Standard	Drawing No.	Part No.
			[mm]	[mm]				
1	K64/22-24R Clutch housing	2300	27				21.90.12 +	1134694
1	K64/22-24R Clutch housing	2400	32				35.90.15 +	1133795
1	K64/22-24L Clutch housing	2400	32				35.90.16 +	1133796
1	K64/22-24R Clutch housing	2500	36				36.90.18 +	1129915
1	K64/22-24L Clutch housing	2500	36				36.90.19 +	1129916
1	K64/22-24R Clutch housing	2600	42				26.90.15 +	1129882
1	K64/22-24L Clutch housing	2600	42				26.90.16 +	1129883
1	K64/22-24R Clutch housing	2700	50				27.90.02+	1135556
1	K64/22-24L Clutch housing	2700	50				27.90.03+	1136715
1	EK64/24R Clutch housing			118	6 x M10		59.22.08	1134689
1	EK64/22L Clutch housing			118	6 x M10		59.22.09	1134690
1	EK64/22L Clutch housing			138	6 x M12		59.22.06	1114972
1	EK64/22R Clutch housing			138	6 x M12		59.22.07	1129781
1	EK64/24L Clutch housing			138	12 x M12		59.22.11	1135120
1	EK64/24R Clutch housing			138	12 x M12		59.22.10	1135119
2	Flange yokes Series W and P (Power Drive)							see page 44
2	Wide angle flange yokes 80° Series W							see page 56
3.1	K64/22 Hubs							see page 106
3.2	K64/24 Hubs							see page 107
4	Bushing				35x39x35		16.50.618	1128519
5	Cam				∅ 35		59.23.01	1127120
6.1	K64/22 Spring sets							see page 107
6.2	K64/24 Spring sets							see page 108

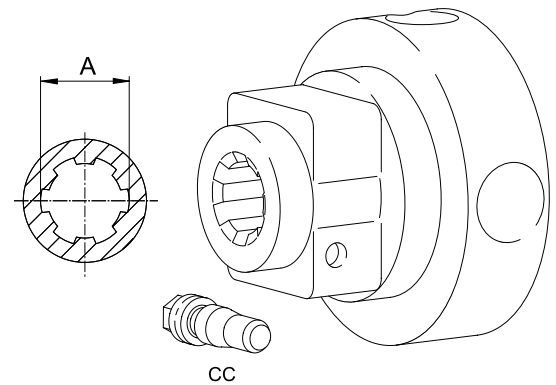
1) TK = pitch circle diameter

3. CLUTCHES

3.2. CAM CLUTCHES

Pos.	Designation	Size	d [mm]	TK ¹⁾ [mm]	Technical data	Standard	Drawing No.	Part No.
7	Locking mechanism for yokes & clutches							see page 75
8	Supporting ring				120x150	DIN 988	16.20.81	1364621
9	Agraset 152 shim rings				120x150			1116143
10	Retaining ring				150x4	DIN 472	62.46.00	1364499
11	Sealing ring						68.18.01	1161459
12	Lock washer				A10	DIN 127	60.82.03	1178114
12	Lock washer				A12	DIN 127	60.83.02	1178115
13	Hexagon screw				M10 x 30	DIN 933	60.05.56	1178117
13	Hexagon screw				M12 x 30	DIN 933	60.06.53	1178119

1) TK = pitch circle diameter

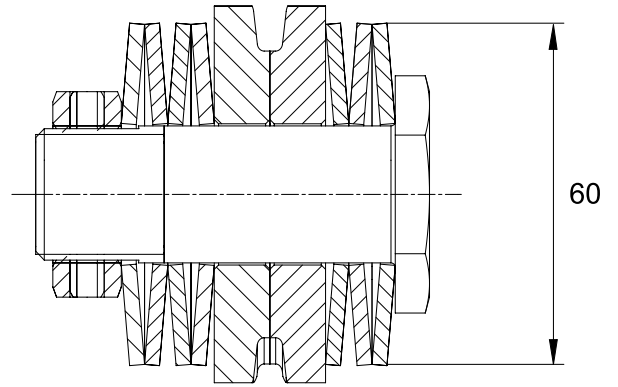


K64/22 HUBS

Type	A [Profile]	Style	Drawing No.	Part No.
K64/22	1 3/8" (6)	CC	59.26.00	1129672
K64/22	1 3/8" (21)	CC	59.26.08	1134760
K64/22	1 3/4" (6)H	CC	59.26.02	1128510
K64/22	1 3/4" (20)H	CC	59.26.03	1128560

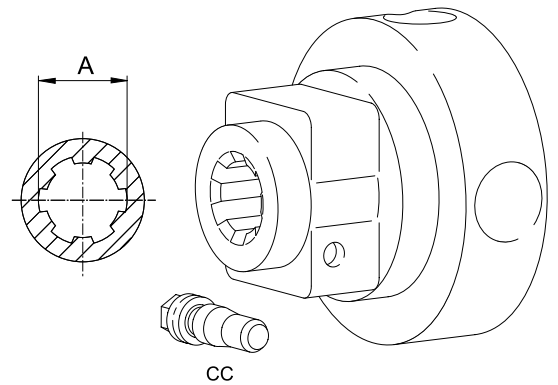
3. CLUTCHES

3.2. CAM CLUTCHES



K64/22 SPRING SETS

Type of construction	M [daNm]	Technical data	Drawing No.	Part No.
K64/22	120	5x2,0mm	59.27.08	1135695
K64/22	130	6x2,0mm	59.27.04	1129936
K64/22	140	6x2,0mm	59.27.04	1129937
K64/22	150	6x2,0mm	59.27.04	1129938
K64/22	165	6x2,0mm	59.27.04	1129939
K64/22	180	6x2,0mm	59.27.04	1129940
K64/22	200	6x2,0mm	59.27.04	1129941
K64/22	220	6x2,0mm	59.27.04	1129942
K64/22	235	6x2,0mm	59.27.04	1134858
K64/22	250	6x2,0mm	59.27.04	1134859

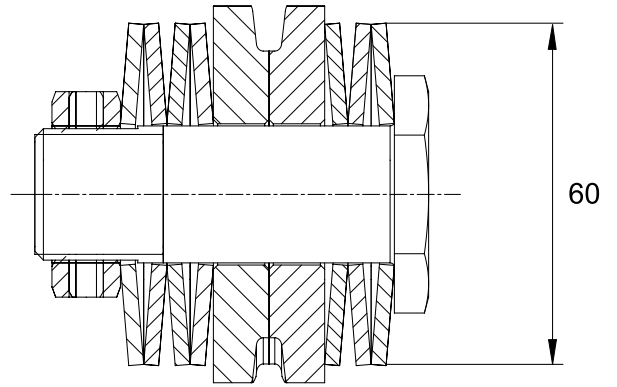


K64/24 HUBS

Type	A [Profile]	Style	Drawing No.	Part No.
K64/24	1 3/8" (6)	CC	59.26.11	1135518
K64/24	1 3/4" (6)H	CC	59.26.06	1128509
K64/24	1 3/4" (20)H	CC	59.26.07	1128559

3. CLUTCHES

3.2. CAM CLUTCHES

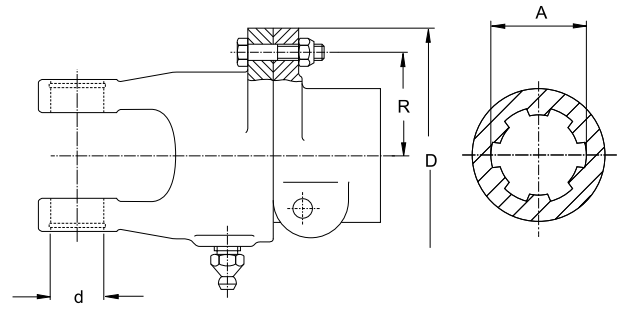


K64/24 SPRING SETS

Type of construction	M	Technical data	Drawing No.	Part No.
	[daNm]			
K64/24	250	5x2,5mm	59.27.00	1128477
K64/24	270	5x2,5mm	59.27.00	1129841
K64/24	290	5x2,5mm	59.27.00	1129842
K64/24	320	5x2,5mm	59.27.00	1129843
K64/24	350	5x2,5mm	59.27.00	1129844
K64/24	380	5x2,5mm	59.27.00	1136720
K64/24	400	6x2,5mm	59.27.06	1134705
K64/24	420	6x2,5mm	59.27.06	1136718
K64/24	450	6x2,5mm	59.27.06	1134706

3. CLUTCHES

3.3. SHEAR BOLT CLUTCHES

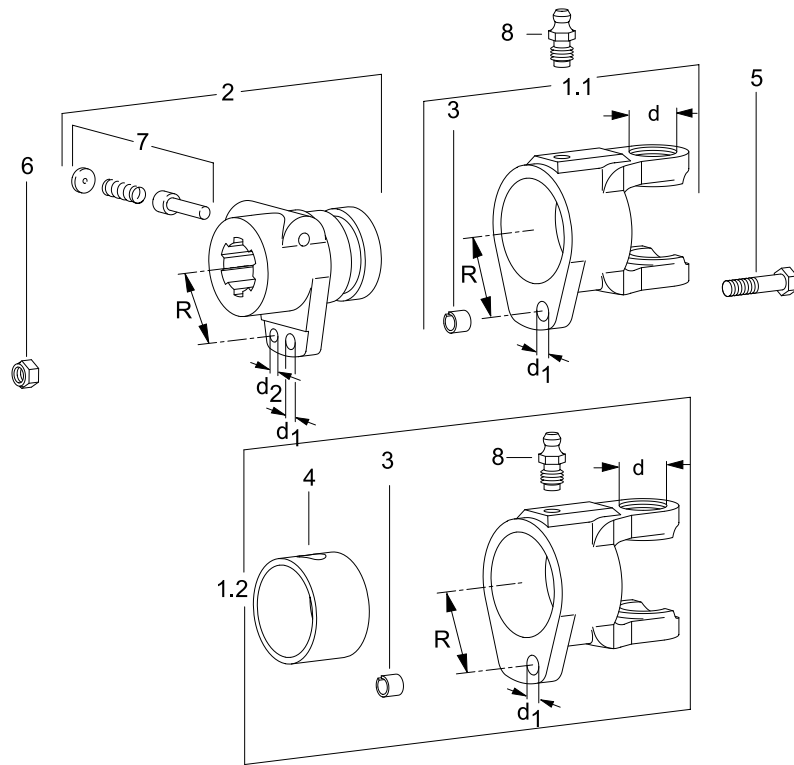


K61/1

Type of construction	Size	d	D	M	R	Technical data	Standard	A	Style	Drawing No.	Part No.
		[mm]	[mm]	[daNm]	[mm]			[Profile]			
K61/1	2200	24	106	91	42	M8x35-8.8	DIN 933	1 1/8" (6)	PIN	57.100.12	1022856
K61/1	2200	24	106	140	42	M8x40-8.8	DIN 931	1 1/8" (6)	PIN	57.114.12	1378999
K61/1	2200	24	106	78	42	M6x35-8.8	DIN 931	1 3/8" (6)	PIN	57.106.12	1322928
K61/1	2200	24	106	91	42	M8x35-8.8	DIN 933	1 3/8" (6)	PIN	57.107.12	1325155
K61/1	2200	24	106	140	42	M8x40-8.8	DIN 931	1 3/8" (6)	PIN	57.113.12	1356609
K61/1	2200	24	106	91	42	M8x35-8.8	DIN 933	1 3/8" (21)	PIN	57.110.12	1343148

3. CLUTCHES

3.3. SHEAR BOLT CLUTCHES



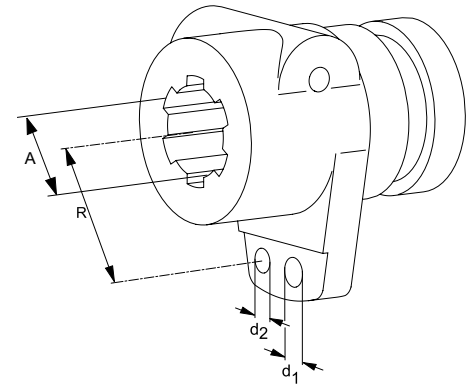
K61/1 INDIVIDUAL PARTS

Pos.	Designation	Size	d	R	L	Technical data	Standard	Drawing No.	Part No.
			[mm]	[mm]	[mm]				
1	K61/1 Yoke	2200	24	42				20.67.02	1333285
1	K61/1 Yoke	2200	24	42				20.67.01	1333286
1	K61/1 Yoke*	2200	24	42				20.67.107	1188372
2	K61/1 Hubs								see page 111
3	Spring type straight pin				10	10x10	DIN 7346	61.05.11	1010995
3	Spring type straight pin				10	8x10	DIN 7346	61.04.15	1183408
4	Bushing					52x55x34		16.50.492	1188370
5	Hexagon screw					M6x35	DIN 931	60.03.15	1702275
5	Hexagon screw					M8x40	DIN 931	60.04.42	1702287
6	Self-locking hexagon nut					M8	DIN 985	60.51.01	1020575
6	Self-locking hexagon nut					M6		60.56.02	1010286
7	Quick-Disconnection Pin				45				1339107
8	Zerk					AM10		60.05.103	1137955

*) yoke with bushing

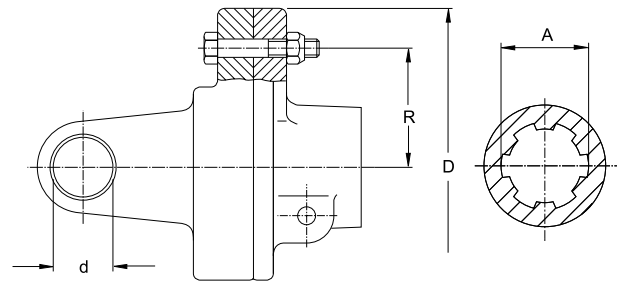
3. CLUTCHES

3.3. SHEAR BOLT CLUTCHES



K61/1 HUBS

Type	Technical data	d1	d2	R	A	Style	Drawing No.	Part No.
		[mm]	[mm]	[mm]	[Profile]			
K61/1	Ø8,2/Ø6,2		6.2	42	1 1/8" (6)	PIN	57.17.01	1022662
K61/1	Ø8,2/Ø6,2	8,2	6.2	42	1 3/8" (6)	PIN	57.17.09	1317815



KB61/20

Type of construction	Size	d	D	M	R	Technical data	Standard	A	Style	Drawing No.	Part No.
		[mm]	[mm]	[daNm]	[mm]			[Profile]			
KB61/20	2300	27	140	122	48	M7x50-8.8	DIN 931	1 3/8" (6)	PIN	57.120.18	1326141
KB61/20	2300	27	140	160	48	M8x50-8.8	DIN 931	1 3/8" (6)	PIN	57.134.18	1335848
KB61/20	2300	27	140	173	52	M8x50-8.8	DIN 931	1 3/8" (6)	PIN	57.117.18	1333915
KB61/20	2300	27	140	186	56	M8x50-8.8	DIN 931	1 3/8" (6)	PIN	57.149.18	1352124
KB61/20	2300	27	140	160	48	M8x50-8.8	DIN 931	1 3/8" (6)	KF	57.102.18	1323720
KB61/20	2300	27	140	186	56	M8x50-8.8	DIN 931	1 3/8" (21)	CC		1121696
KB61/20	2380	27	140	186	56	M8x50-8.8	DIN 931	1 3/8" (6)	PIN	57.225.18	1191573
KB61/20	2400	32	156	160	48	M8x60-8.8	DIN 931	1 3/8" (6)	PIN	57.122.18	1326143

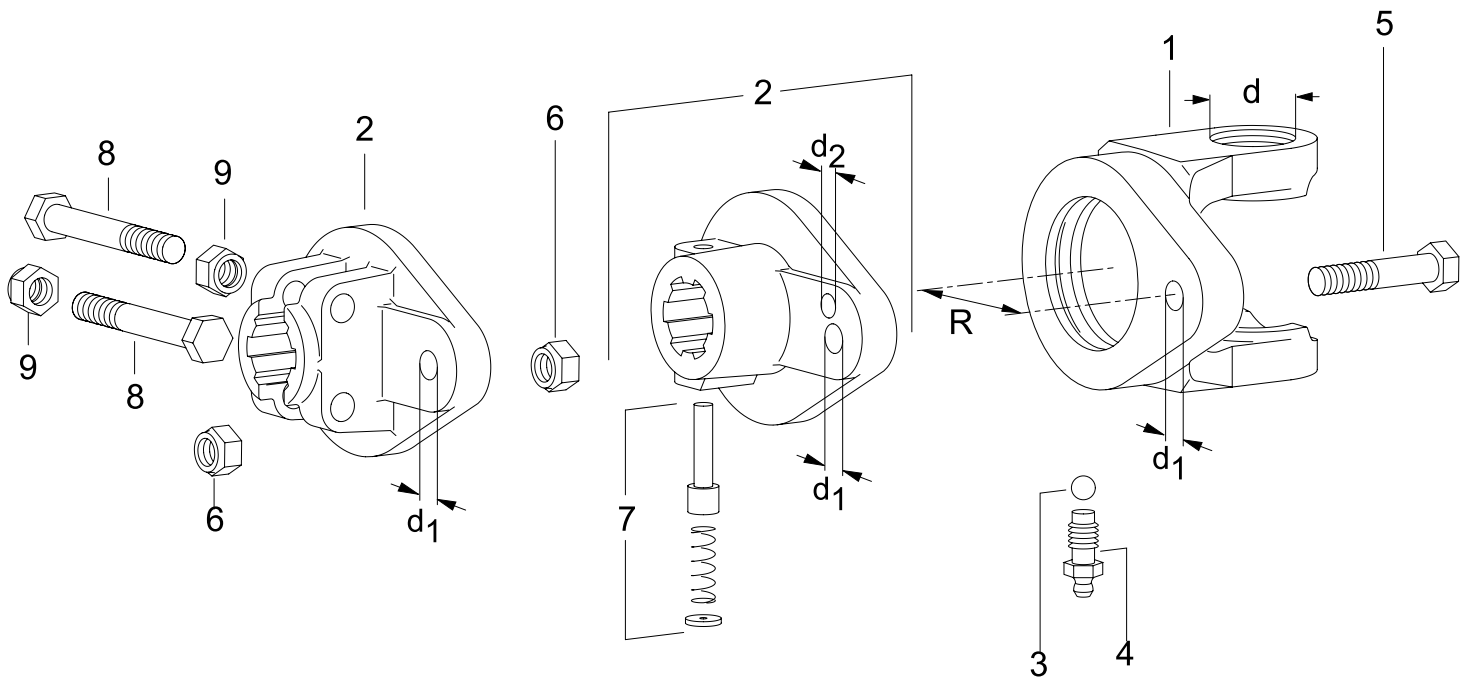
3. CLUTCHES

3.3. SHEAR BOLT CLUTCHES

Type of construction	Size	d	D	M	R	Technical data	Standard	A	Style	Drawing No.	Part No.
		[mm]	[mm]	[daNm]	[mm]			[Profile]			
KB61/20	2400	32	156	250	48	M10x60-8.8	DIN 931	1 3/8" (6)	PIN	57.142.18	1345231
KB61/20	2400	32	156	186	56	M8x60-8.8	DIN 931	1 3/8" (6)	PIN	57.157.18	1353639
KB61/20	2400	32	156	292	56	M10x60-8.8	DIN 931	1 3/8" (6)	PIN	57.133.18	1335823
KB61/20	2400	32	156	213	64	M8x60-8.8	DIN 931	1 3/8" (6)	PIN	57.123.18	1327808
KB61/20	2400	32	156	160	48	M8x60-8.8	DIN 931	1 3/8" (6)	KF	57.115.18	1324819
KB61/20	2400	32	156	250	48	M10x60-8.8	DIN 931	1 3/8" (6)	KF	57.135.18	1338998
KB61/20	2400	32	156	292	56	M10x60-8.8	DIN 931	1 3/8" (21)	PIN	57.215.18	1161735
KB61/20	2400	32	156	160	48	M8x60-8.8	DIN 931	1 3/4" (6)	KF	57.128.18	1332024
KB61/20	2400	32	156	250	48	M10x60-8.8	DIN 931	1 3/4" (6)	PIN	57.192.18	1165950
KB61/20	2400	32	156	250	48	M10x60-8.8	DIN 931	1 3/4" (6)	KF	57.171.18	1364718
KB61/20	2400	32	156	292	56	M10x60-8.8	DIN 931	1 3/4" (6)	KF	57.170.18	1360923
KB61/20	2400	32	156	213	64	M8x60-8.8	DIN 931	1 3/4" (6)	PIN	57.252.18	1120297
KB61/20	2400	32	156	250	48	M12x75-8.8	DIN 931	40H8	KF		1184115
KB61/20	2480	32	156	292	56	M10x60-8.8	DIN 931	1 3/8" (6)	PIN	57.174.18	1365240
KB61/20	2500	36	156	313	60	M10x60-8.8	DIN 931	1 3/8" (6)	KF	57.119.18	1332014
KB61/20	2500	36	156	360	48	M12x60-8.8	DIN 931	1 3/8" (6)	KF	57.144.18	1345224
KB61/20	2500	36	156	250	48	M10x60-8.8	DIN 931	1 3/8" (6)	PIN	57.146.18	1345545
KB61/20	2500	36	156	292	56	M10x60-8.8	DIN 931	1 3/8" (6)	PIN	57.154.18	1355272
KB61/20	2500	36	156	213	64	M8x60-8.8	DIN 931	1 3/8" (6)	PIN	57.126.18	1331984
KB61/20	2500	36	156	333	64	M10x60-8.8	DIN 931	1 3/8" (6)	PIN	57.222.18	1367487
KB61/20	2500	36	156	250	48	M10x60-8.8	DIN 931	1 3/8" (21)	PIN	57.125.18	1332013
KB61/20	2500	36	156	333	64	M10x60-8.8	DIN 931	1 3/4" (6)	PIN	57.187.18	1163917
KB61/20	2500	36	156	186	56	M8x60-8.8	DIN 931	1 3/4" (6)	KF	57.167.18	1355426
KB61/20	2500	36	156	292	56	M10x60-8.8	DIN 931	1 3/4" (6)	KF	57.131.18	1338427
KB61/20	2500	36	156	333	64	M10x60-8.8	DIN 931	1 3/4" (6)	KF	57.150.18	1349785
KB61/20	2500	36	156	213	64	M8x60-8.8	DIN 931	1 3/4" (6)	KF	57.124.18	1328432
KB61/20	2500	36	156	292	56	M10x60-8.8	DIN 931	1 3/4" (20)	KF	57.179.18	1382986
KB61/20	2500	36	156	480	64	M12x60-8.8	DIN 931	1 3/4" (20)	KF	57.234.18	1195598
KB61/20	2580	36	156	250	48	M10x60-8.8	DIN 931	1 3/8" (6)	KF	57.175.18	1365241

3. CLUTCHES

3.3. SHEAR BOLT CLUTCHES



KB61/20 INDIVIDUAL PARTS

Pos.	Designation	Size	d	R	L	Technical data	Standard	Drawing No.	Part No.
			[mm]	[mm]	[mm]				
1	KB61/20 Yoke	2300	27	48				21.68.00 +	1334842
1	KB61/20 Yoke	2400	32	48				35.68.06 +	1333293
1	KB61/20 Yoke	2400	32	56				35.68.08 +	1353638
1	KB61/20 Yoke	2400	32	56				35.68.05 +	1331998
1	KB61/20 Yoke	2400	32	64				35.68.04 +	1327809
1	KB61/20 Yoke	2500	36	48				36.68.04 +	1332012
1	KB61/20 Yoke	2500	36	56				36.68.05 +	1338425
1	KB61/20 Yoke	2500	36	64				36.68.03 +	1331999
1	KB61/20 Yoke	2500	36	64				36.68.08 +	1349784
2	KB61/20 Hubs								see page 114
3	Ball					5/16"	DIN 5401	64.01.12	1099601
4	Zerk					AM10		60.05.103	1137955
5	Hexagon screw					M8x60	DIN 931	60.04.12	1020443
5	Hexagon screw					M8x50	DIN 931	60.04.06	1020441
5	Hexagon screw					M10x60	DIN 931	60.05.10	1020454
5	Hexagon screw					M12x60	DIN 931	60.06.07	1020466
5	Hexagon screw					M7x50	DIN 931	60.11.01	1304015
5	Hexagon screw					M7x60	DIN 931	60.11.03	1304223
5	Hexagon screw					M6x45	DIN 931	60.03.11	1755044
6	Self-locking hexagon nut					M6		60.56.02	1010286
6	Self-locking hexagon nut					M7	DIN 985	60.60.01	1099609
6	Self-locking hexagon nut					M8	DIN 985	60.51.01	1020575
6	Self-locking hexagon nut					M10	DIN 985	60.52.01	1020576

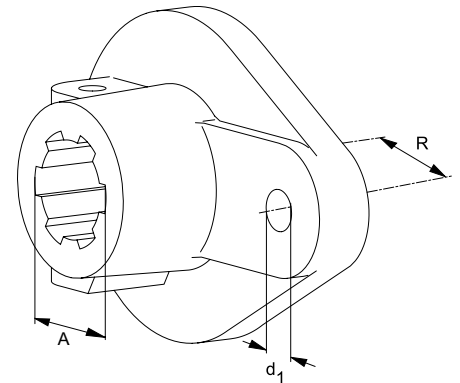
3. CLUTCHES

3.3. SHEAR BOLT CLUTCHES

Pos.	Designation	Size	d	R	L	Technical data	Standard	Drawing No.	Part No.
			[mm]	[mm]	[mm]				
7	Quick-Disconnection Pin				54.5				1339302
7	Quick-Disconnection Pin				45				1339107
8	Hexagon screw					M12x65	DIN 931	60.06.08	1020467*
8	Hexagon screw					M16x80	DIN 931	60.09.06	1702351**
9	Self-locking hexagon nut					M12	DIN 985	60.53.03	1010490
9	Self-locking hexagon nut					M16	DIN 985	60.57.02	1304011

*) for 1 3/8" profile

**) for 1 3/4" profile

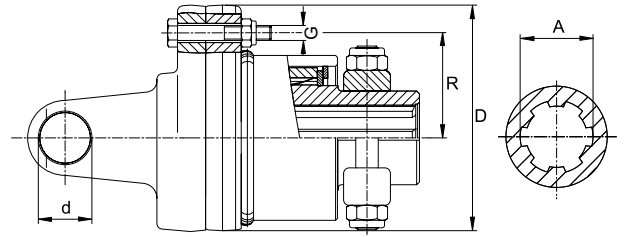


KB61/20 HUBS

Type	d1	d2	R	R1	A	Style	Drawing No.	Part No.
	[mm]	[mm]	[mm]	[mm]	[Profile]			
KB61/20	8,2		48		1 3/8" (6)	PIN	57.27.08	1326909
KB61/20	8,2		56		1 3/8" (6)	PIN	57.27.32	1353637
KB61/20	10,2		48		1 3/8" (6)	PIN	57.27.24	1345232
KB61/20	10,2		56		1 3/8" (6)	PIN	57.27.16	1335824
KB61/20					1 3/8" (6)		57.27.10	1327811
KB61/20	8,2		56		1 3/8" (21)	PIN	57.27.22	1343132
KB61/20					1 3/8" (21)		57.27.28	1161734
KB61/20	10,2		48		1 3/4" (6)	PIN	57.27.122	1165952
KB61/20	10,2	8.2	56	64	1 3/4" (6)	PIN	57.27.192	1120365
KB61/20	10,2		64		1 3/4" (6)	KF	57.26.40	1349783
KB61/20	10,2		56		1 3/4" (20)	KF	57.26.54	1382987
KB61/20	10,2		64		1 3/4" (20)	KF	57.26.74	1387508
KB61/20	12,2		64		1 3/4" (20)	KF	57.26.80	1195593

3. CLUTCHES

3.3. SHEAR BOLT CLUTCHES



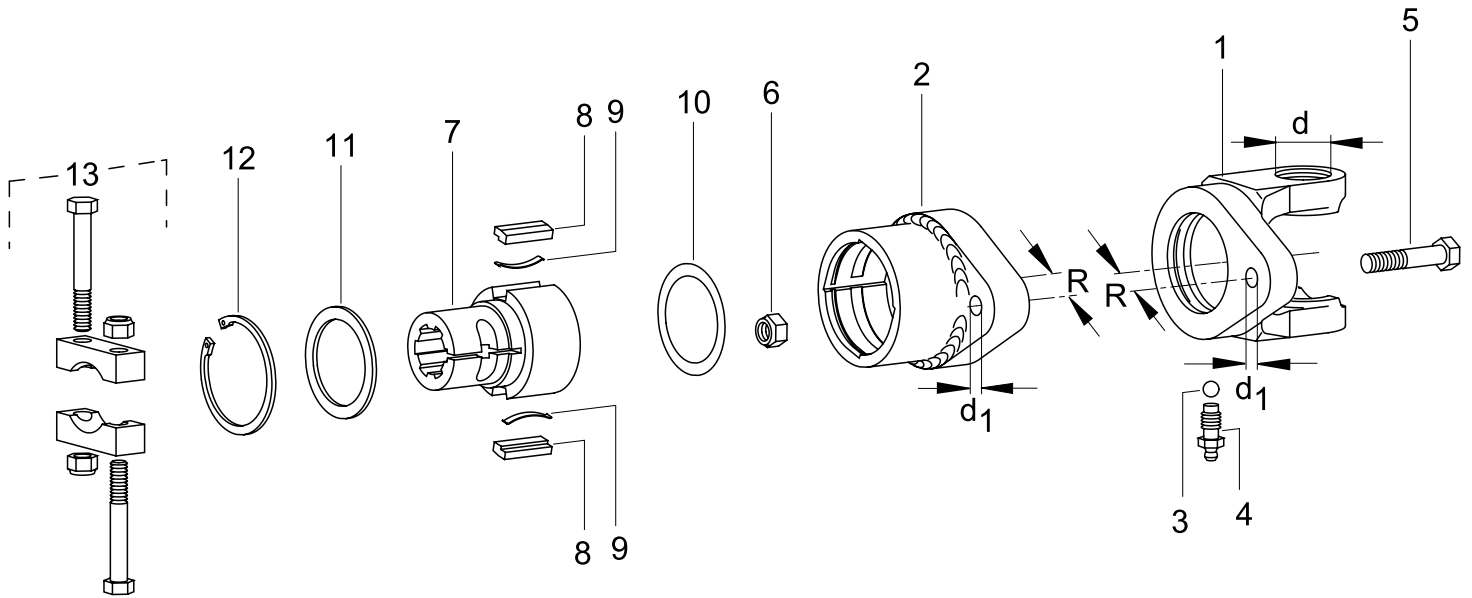
FBK61/20

Type of construction	Size	d	D	M	R	A	Style	Part No.
		[mm]	[mm]	[daNm]	[mm]	[Profile]		
FBK61/20R	2400	32	156	292	56	RD 40H8 P12 GM12		1126373
FBK61/20R	2400	32	156	292	56	1 3/8" (6)		1127914*
FBK61/20R	2400	32	156	292	56	1 3/8" (6)	KB	1193242
FBK61/20R	2400	32	156	292	56	1 3/4" (6)	KB	1167376
FBK61/20L	2400	32	156	292	56	1 3/4" (6)	KB	1178329
FBK61/20R	2500	36	156	292	56	1 3/8" (6)	ZV	1121616
FBK61/20R	2500	36	156	420	56	1 3/4" (6)	KB	1115683
FBK61/20R	2500	36	156	480	64	1 3/4" (20)	KB	1107412

*) Overtightened bolt

3. CLUTCHES

3.3. SHEAR BOLT CLUTCHES



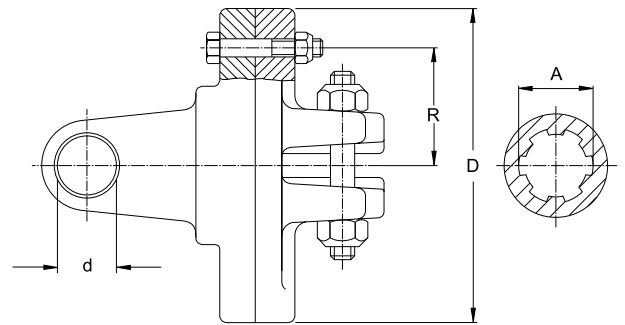
FKB61/20 INDIVIDUAL PARTS

Pos.	Designation	Size	d	R	d1	L	Technical data	Style	Standard	Drawing No.	Part No.
			[mm]	[mm]	[mm]	[mm]					
1	KB61/20 Yoke	2400	32	56	Ø 10,25					35.68.05 +	1331998
1	KB61/20 Yoke	2500	36	56	Ø 12,25					36.68.16 +	1193342
1	KB61/20 Yoke	2500	36	64	Ø 12,25					36.68.14 +	1169758
2	FKB61/20L Clutch housing			56	Ø 10,25		Left-hand rotation			57.27.123	1167369
2	FKB61/20R Clutch housing			56	Ø 10,25		Right-hand rotation			57.27.140	1179252
2	FKB61/20R Clutch housing			56	Ø 12,25		Right-hand rotation			57.27.177	1115656
2	FKB61/20R Clutch housing			64	Ø 12,25		Right-hand rotation			57.27.175	1107407
3	Ball						5/16"		DIN 5401	64.01.12	1099601
4	Zerk						AM10			60.05.103	1137955
5	Hexagon screw						M10x60		DIN 931	60.05.10	1020454
5	Hexagon screw						M12x60		DIN 931	60.06.07	1020466
6	Self-locking hexagon nut						M10		DIN 985	60.52.01	1020576
6	Self-locking hexagon nut						M12		DIN 985	60.53.03	1010490
7	F5/1 Hub					96.5	1 3/4" (6)	KB		56.19.15	1356044
7	F5/1 Hub					92.5	1 3/8" (6)	KB		56.19.14	1352547
7	F5/1 Hub					90.5	1 3/8" (6)	ZV		56.19.12	1348134
7	F5/1 Hub					96.5	1 3/4" (6)	KB		56.19.19	1381759
7	F5/1 Hub					85	RD40H8P12	M12		56.19.236	1119120
8	Key						13x7x38			16.50.35	1348133
9	Leaf spring						36x5			66.19.01	1348132
10	Shim ring set						56x72				1116141

3. CLUTCHES

3.3. SHEAR BOLT CLUTCHES

Pos.	Designation	Size	d	R	d1	L	Technical data	Style	Standard	Drawing No.	Part No.
			[mm]	[mm]	[mm]	[mm]					
11	Supporting ring						60x72		DIN 988	16.20.160	1353203
11	Supporting ring						56x72		DIN 988	16.20.67	1304235
12	Retaining ring						72x2,5		DIN 472	62.14.01	1702100
13	agrasets										see page 75



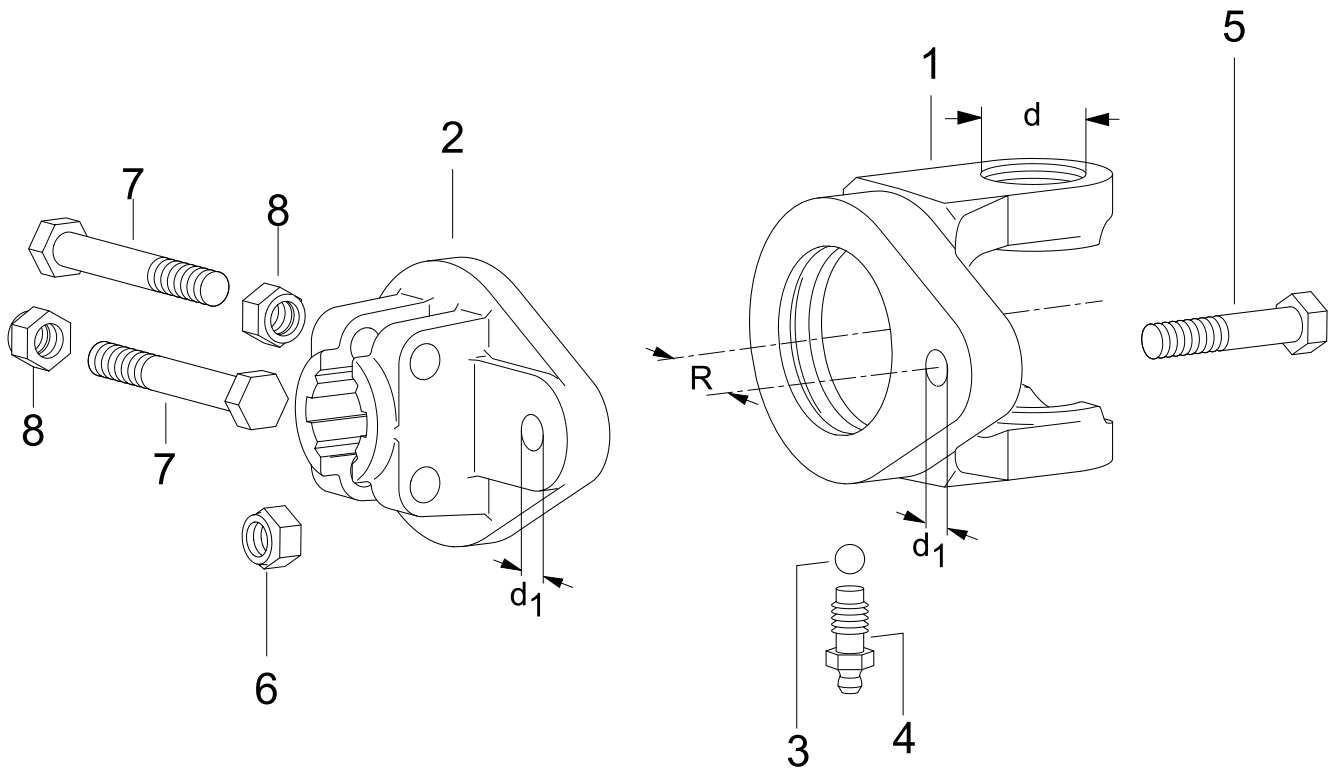
KB61/30

with CC-lock

Type of construction	Size	d	D	M	R	Technical data	Standard	A	Style	Drawing No.	Part No.
		[mm]	[mm]	[daNm]	[mm]			[Profile]			
KB61/30	2600	42	180	250	75	M8x65-8.8	DIN 931	1 3/8" (6)H	CC	57.102.19	1329238
KB61/30	2600	42	160	313	60	M10x70-8.8	DIN 931	1 3/4" (6)H	CC		1117165
KB61/30	2600	42	180	390	75	M10x70-8.8	DIN 931	1 3/4" (6)H	CC	57.110.19	1354298
KB61/30	2600	42	180	390	75	M10x70-8.8	DIN 931	1 3/4" (20)H	CC	57.115.19	1186295
KB61/30	2600	42	160	480	64	M12x70-8.8	DIN 931	1 3/4" (20)H	CC	57.107.19	1346424

3. CLUTCHES

3.3. SHEAR BOLT CLUTCHES



KB61/30 INDIVIDUAL PARTS

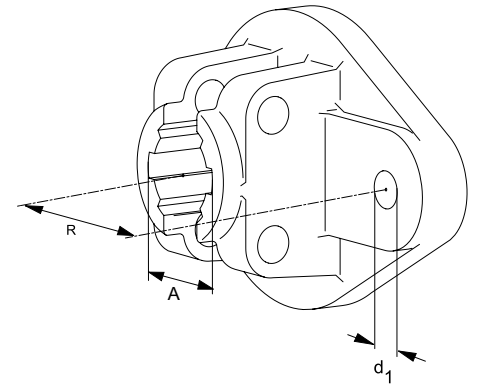
Pos.	Designation	Size	d	R	d1	Technical data	Standard	Drawing No.	Part No.
			[mm]	[mm]	[mm]				
1	KB61/30 Yoke	2600	42	64	13			26.68.04 +	1346422
1	KB61/30 Yoke	2600	42	75	10,2			26.68.05+	1346764
2	KB61/30 Hubs								see page 119
3	Ball					5/16"	DIN 5401	64.01.12	1099601
4	Zerk					AM10		60.05.103	1137955
5	Hexagon screw					M8x65	DIN 931	60.04.32	1020444
5	Hexagon screw					M12x70	DIN 931	60.06.09	1020468
5	Hexagon screw					M10x70	DIN 931	60.05.44	1702309
6	Self-locking hexagon nut					M8	DIN 985	60.51.01	1020575
6	Self-locking hexagon nut					M10	DIN 985	60.52.01	1020576
6	Self-locking hexagon nut					M14	DIN 985	60.62.01	1304133
7	Self-locking hexagon nut					M16	DIN 985	60.57.02	1304011
7	Hexagon screw					M12x75	DIN 931	60.06.10	1020469*
7	Hexagon screw					M16x80	DIN 931	60.09.06	1702351**
8	Self-locking hexagon nut					M12	DIN 985	60.53.03	1010490

*) for 1 3/8" profile

***) for 1 3/4" profile

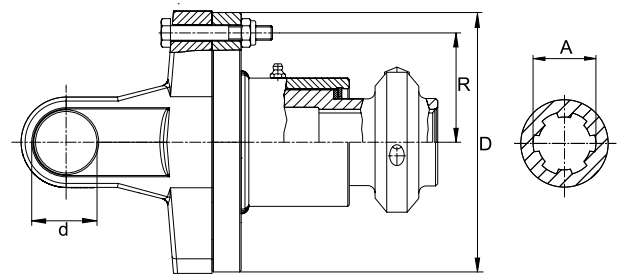
3. CLUTCHES

3.3. SHEAR BOLT CLUTCHES



KB61/30 HUBS

Type	d1 [mm]	R [mm]	A [Profile]	Style	Drawing No.	Part No.
KB61/30	12,2	64	1 3/4" (20)H	CC	57.28.10	1346423
KB61/30	10,2	75	1 3/4" (20)H	CC	57.28.24	1186294

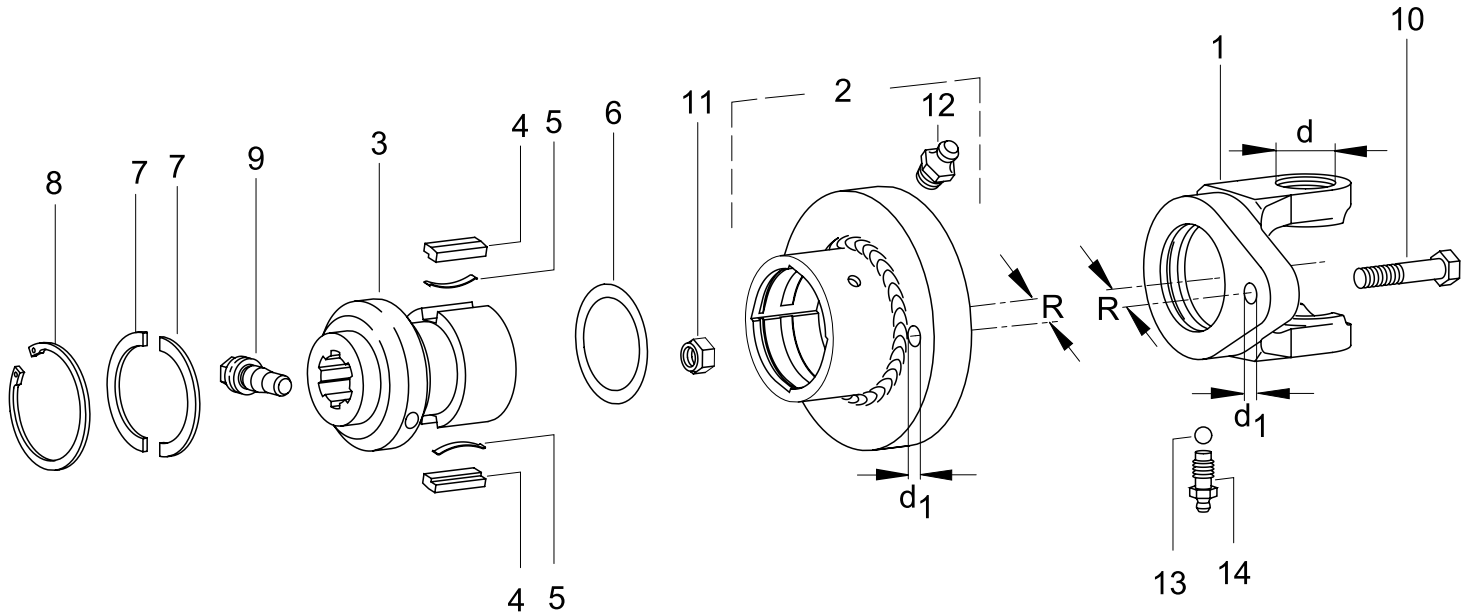


FKB61/30

Type of construction	Size	d [mm]	D [mm]	M [daNm]	R [mm]	Technical data	Standard	A [Profile]	Style	Drawing No.	Part No.
FKB61/30R	2600	42	178	563	75	M12x70	1 3/4" (20)	1 3/4" (20)	CC	58.100.19	1124711

3. CLUTCHES

3.3. SHEAR BOLT CLUTCHES

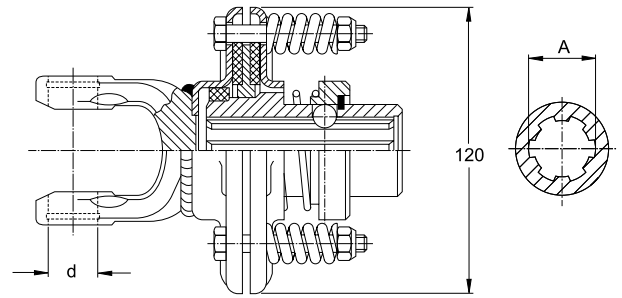


!FKB61/30 EINZELTEILE!

Pos.	Designation	Size	d	R	d1	L	Technical data	Style	Standard	Drawing No.	Part No.
			[mm]	[mm]	[mm]	[mm]					
1	KB61/30 Yoke	2600	42	75	12,25					26.68.07 +	1169760
2	FKB61/30R Clutch housing			75	12,25		Right-hand rotation			57.68.10	1124712
3	F5/2 Hub					133.5	1 3/4" (20)H	CC		56.19.60	1196655
4	Key						13x7x61,5			16.50.43	1377190
5	Leaf spring						48x5			66.19.00	1332185
6	Shim ring set						56x72				1116141
7	Supporting disc set						59,8x72x3			16.20.170	1152164
8	Retaining ring						72x2,5		DIN 472	62.14.01	1702100
9	Clamping cone									65.12.08	1107542
10	Hexagon screw						M12x70		DIN 931	60.06.09	1020468
11	Self-locking hexagon nut						M12		DIN 985	60.53.03	1010490
12	Zerk						KE A M8x1			63.12.01	1020672
13	Ball						5/16"		DIN 5401	64.01.12	1099601
14	Zerk						AM10			60.05.103	1137955

3. CLUTCHES

3.4. FRICTION CLUTCHES

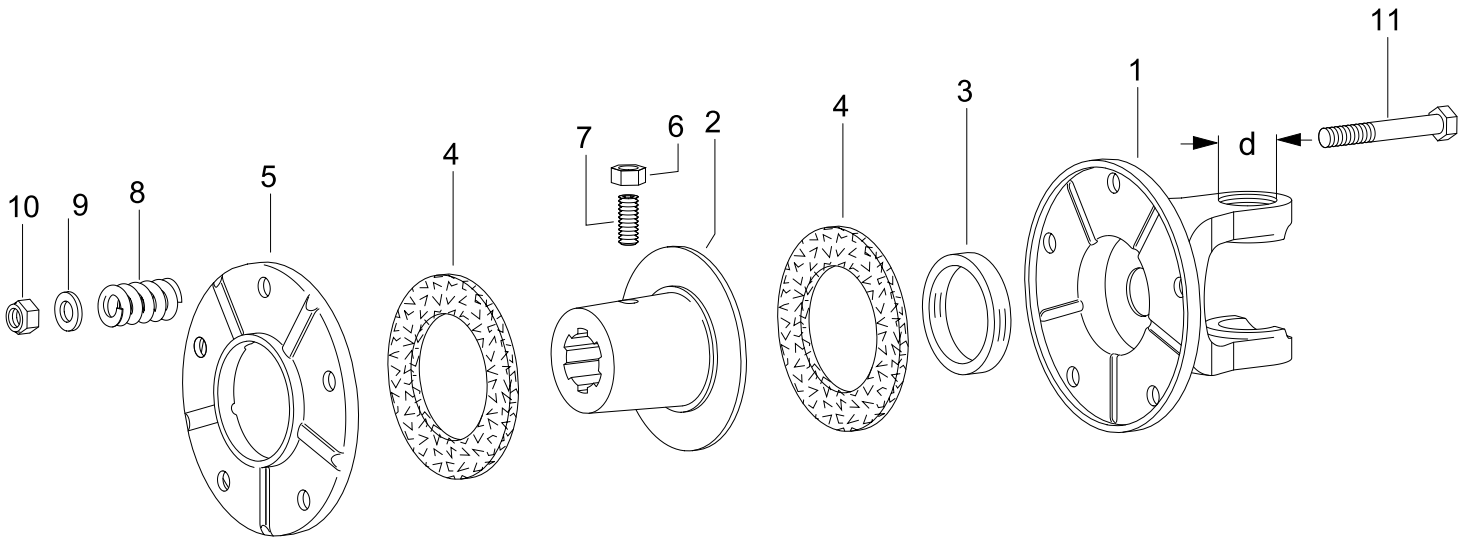


K94/1

Type of construction	Size	d	A	Style	M	Drawing No.	Part No.
		[mm]	[Profile]		[daNm]		
K94/1	2100	22	1 1/8" (6)	AS	40	56.111.19	1191346
K94/1	2100	22	1 1/8" (6)	M10	40	56.101.19	1356995
K94/1	2100	22	1 3/8" (6)	ZV	40	56.117.19	1125854
K94/1	2100	22	1 3/8" (6)	M10	40	56.105.19	1367664
K94/1	2100	22	25H8 P8	M10	40	56.107.19	1164363
K94/1	2100	22	30H8 P8	M10	40	56.100.19	1356994
K94/1	2100	22	30H8	SPB10	30	56.104.19	1363976
K94/1	2100	22	30H8	SPB10	40	56.112.19	1186871
K94/1	2200	24	1 1/8" (6)	M10	40	56.102.19	1358532
K94/1	2200	24	1 3/8" (6)	M10	40	56.103.19	1362488

3. CLUTCHES

3.4. FRICTION CLUTCHES

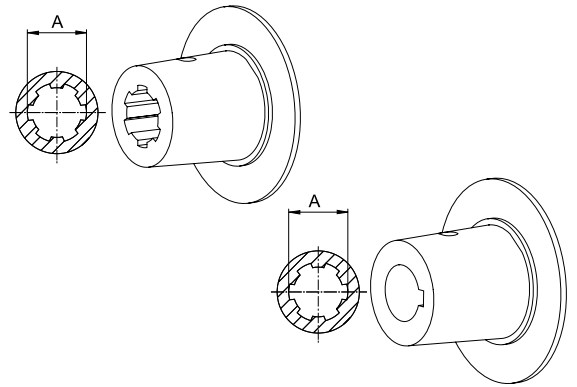


K94/1 INDIVIDUAL PARTS

Pos.	Designation	Size	d	L	Technical data	Standard	Drawing No.	Part No.
			[mm]	[mm]				
1	K94/1 Clutch housing	2100	22	68			10.34.121	1356993
1	K94/1 Clutch housing	2200	24	70			20.15.179	1358531
2	K94/1 Hubs							see page 123
3	Ring				43x53x9		16.52.05	1356902
4	Friction disk				56x90x4,5		56.73.13	1177010
5	Thrust plate				5xB8		16.20.69	1356990
6	Hexagon nut				M10	DIN 934	60.52.00	1020552
7	Hexagon socket set screw with dog point				M10x20	DIN 913	60.05.51	1702486
8	Compression spring				17,6x4,4x35		66.01.47	1080746
9	Washer				B8,4	DIN 125	60.77.00	1020089
10	Self-locking hexagon nut				M8	DIN 985	60.51.01	1020575
11	Hexagon screw				M8x60	DIN 931	60.04.12	1020443

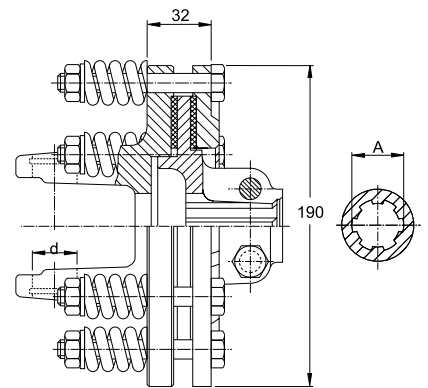
3. CLUTCHES

3.4. FRICTION CLUTCHES



K94/1 HUBS

Type	A	Style	Drawing No.	Part No.
	[Profile]			
K94/1	1 1/8" (6)	ZV	16.50.555	1115532
K94/1	1 3/8" (6)	M10	16.50.423	1362487
K94/1	30H8	SPB10/16.2	16.50.415	1363975
K94/1	30H8 P8	M10	16.50.414	1356989
K94/1	30H8	SPB10	16.50.480	1186353

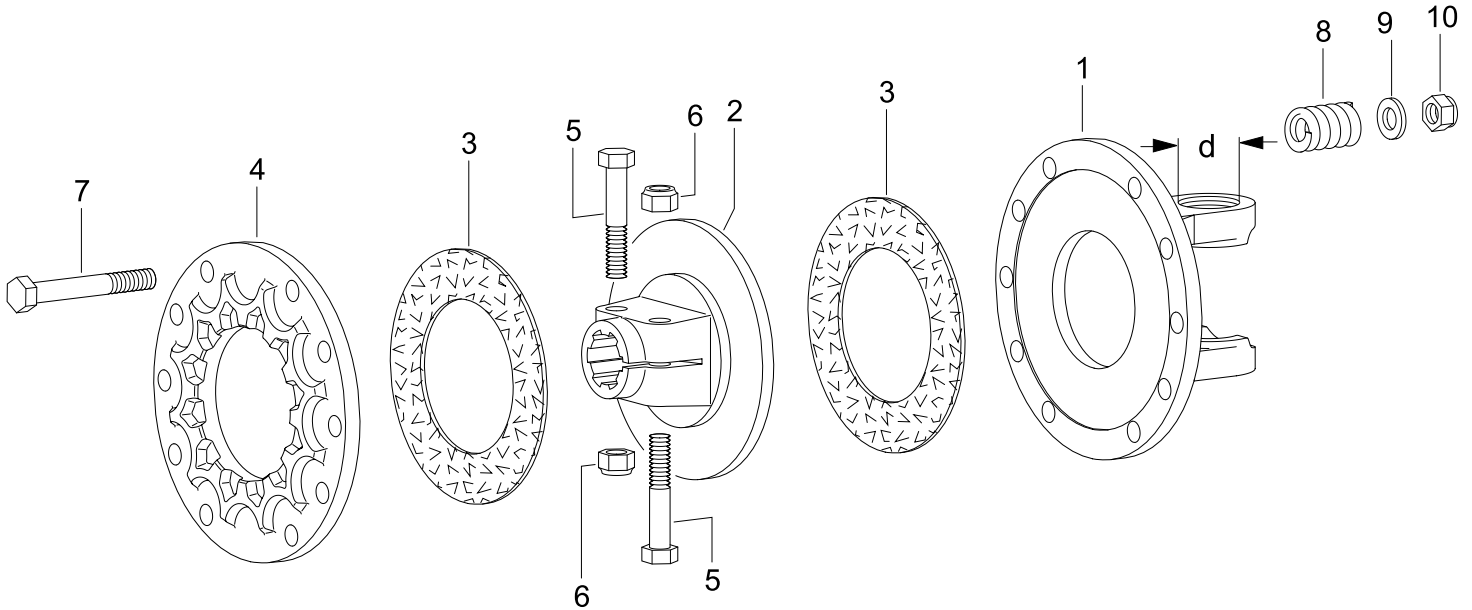


K90

Type of construction	Size	d	A	Style	M	Drawing No.	Part No.
		[mm]	[Profile]		[daNm]		
K90	2300	27	1 3/8" (6)	KF	90	56.100.08	1333299
K90	2400	32	1 3/8" (6)	KF	90	56.102.08	1333298
K90	2500	36	1 3/8" (6)	KF	80	56.106.08	1333267

3. CLUTCHES

3.4. FRICTION CLUTCHES



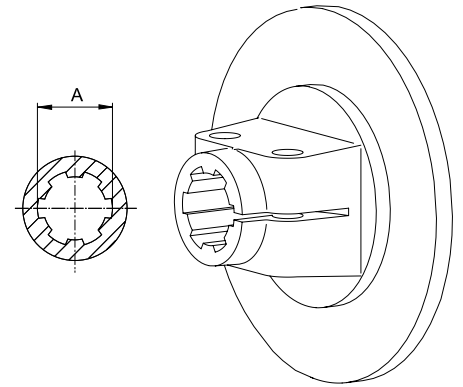
K90 INDIVIDUAL PARTS

Pos.	Designation	Size	d	TK ¹⁾	Technical data	Standard	Drawing No.	Part No.
			[mm]	[mm]				
1	K90 Yokes	2300	27	167	10xØ12,5		21.73.01 +	1335443
1	K90 Yokes	2400	32	167	10xØ12,5		35.73.01 +	1335604
1	K90 Yokes	2500	36	167	10xØ12,5		36.73.01 +	1335605
1	K90 Yokes	2600	42	167	8xØ12,5		26.73.01 +	1335606
2	K90 Hubs							see page 125
3	Friction disk				91x150x3		56.73.08	1168556
4	Thrust flange				10xØ12,1		56.92.00	1337464
5	Hexagon screw				M12x65	DIN 931	60.06.08	1020467
6	Self-locking hexagon nut				M12	DIN 985	60.53.03	1010490
7	Hexagon screw				M12x1,25x90	DIN 960	60.06.32	1304136
8	Compression spring				26,4 x 6,3 x 41		66.01.53	1330592
9	Washer				A 13	DIN 125	60.75.01	1020093
10	Self-locking hexagon nut				M12x1,25	DIN 439		1123594

1) TK = pitch circle diameter

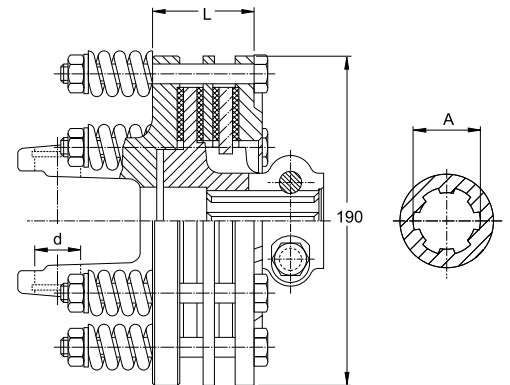
3. CLUTCHES

3.4. FRICTION CLUTCHES



K90 HUBS

Type	A	Style	Drawing No.	Part No.
	[Profile]			
K90	1 3/8" (6)	KF	56.90.04	1338221
K90	1 3/8" (21)	KF	56.90.06	1338222
K90	1 3/4" (6)	KF	56.90.08	1338224

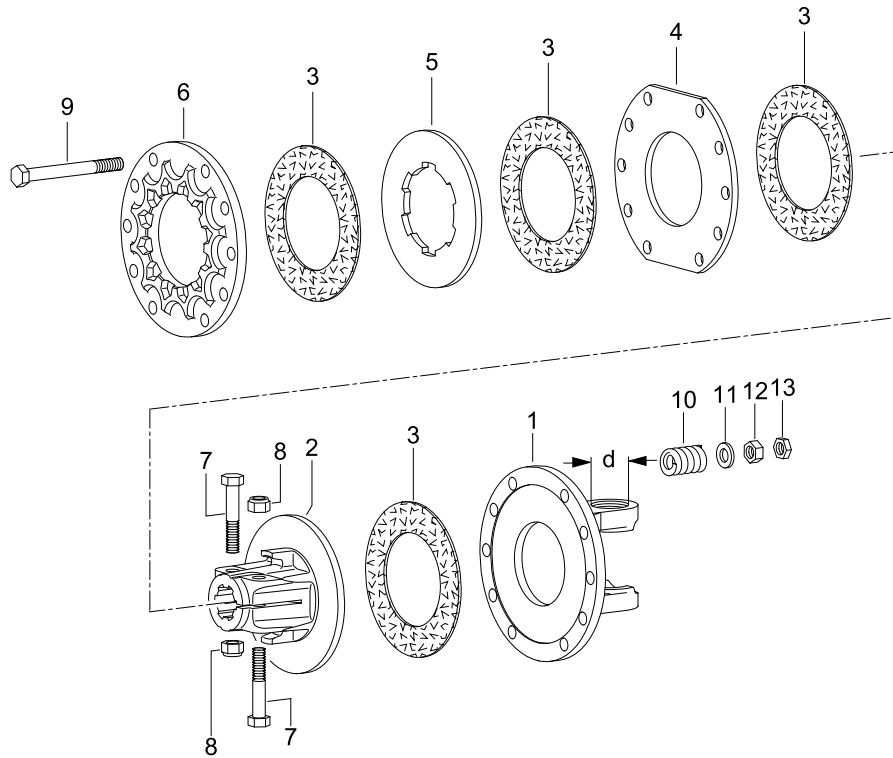


K90/4

Type of construction	Size	d	A	Style	M	Drawing No.	Part No.
		[mm]	[Profile]		[daNm]		
K90/4	2400	32	1 3/8" (6)	KF	140	56.108.09	1342373
K90/4	2400	32	1 3/8" (21)	KF	100	56.109.09	1342395
K90/4	2400	32	1 3/4" (6)	KF	120	56.110.09	1341883
K90/4	2500	36	1 3/8" (6)	KF	150	56.100.09	1333268
K90/4	2500	36	1 3/8" (21)	KF	120	56.101.09	1342361
K90/4	2500	36	1 3/4" (6)	KF	150	56.102.09	1342376
K90/4	2500	36	1 3/4" (20)	KF	140	56.103.09	1342377
K90/4	2600	42	1 3/8" (6)	KF	140	56.104.09	1333900
K90/4	2600	42	1 3/4" (6)	KF	140	56.106.09	1341881
K90/4	2600	42	1 3/4" (20)	KF	140	56.107.09	1333297

3. CLUTCHES

3.4. FRICTION CLUTCHES



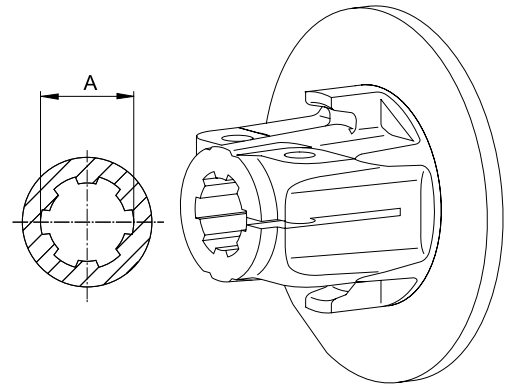
K90/4 INDIVIDUAL PARTS

Pos.	Designation	Size	d	TK ¹⁾	Technical data	Standard	Drawing No.	Part No.
			[mm]	[mm]				
1	K90 Yokes	2300	27	167	10xØ12,5		21.73.01 +	1335443
1	K90 Yokes	2400	32	167	10xØ12,5		35.73.01 +	1335604
1	K90 Yokes	2500	36	167	10xØ12,5		36.73.01 +	1335605
1	K90 Yokes	2600	42	167	8xØ12,5		26.73.01 +	1335606
2	K90/4 Hubs							see page 127
3	Friction disk				91x150x3		56.73.08	1168556
4	Drive plate			167	189x91x7		56.93.00	1335603
5	Drive plate				151,5x80,5		56.94.00	1335442
6	Thrust flange				10xØ12,1		56.92.00	1337464
7	Hexagon screw				M12x65	DIN 931	60.06.08	1020467
8	Self-locking hexagon nut				M12	DIN 985	60.53.03	1010490
9	Hexagon screw				M12x1,25x115	DIN 960	60.06.51	1165949
10	Compression spring				26,4 x 6,3 x 41		66.01.53	1330592
11	Washer				A 13	DIN 125	60.75.01	1020093
12	Hexagon nut				M12x1,25	DIN 934		1123593
13	Self-locking hexagon nut				M12x1,25	DIN 439		1123594

1) TK = pitch circle diameter

3. CLUTCHES

3.4. FRICTION CLUTCHES



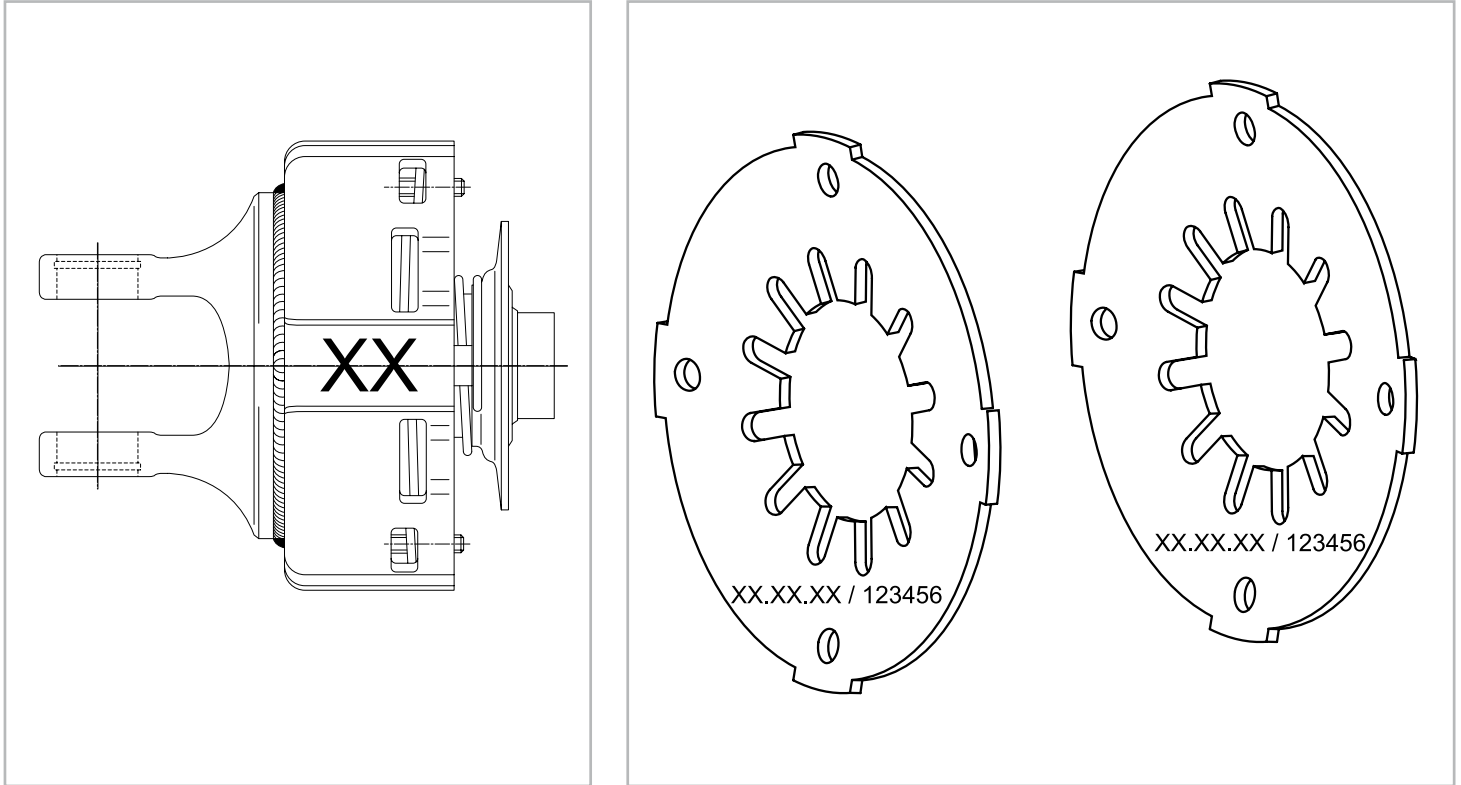
K90/4 HUBS

Type	A	Style	Drawing No.	Part No.
	[Profile]			
K90/4	1 3/8" (6)	KF	56.91.00	1320497
K90/4	1 3/8" (21)	KF	56.91.02	1338232
K90/4	1 3/4" (6)	KF	56.91.04	1328444
K90/4	1 3/4" (6)	QC	56.91.08	1367763
K90/4	1 3/4" (20)	KF	56.91.06	1338233

3. CLUTCHES

3.4. FRICTION CLUTCHES

K92 AND K92/4 (BELLEVILLE) SPRING PLATES



K92

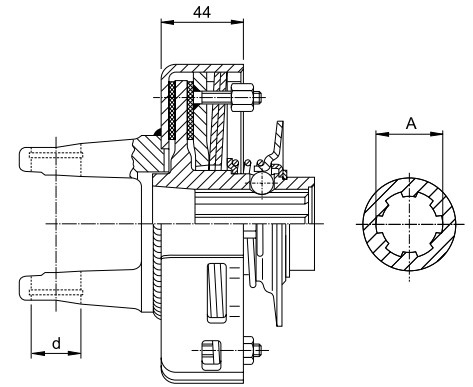
Clutch ID Number XX Clutch torque rating [daNm]	20	30	45	55	65	75	90	100
Drawing No.	66.16.00	66.09.00	66.10.00	66.09.00	66.09.00	66.09.00	66.10.00	66.10.00
Order No.	1045560	1043487	1043489	1043487	1043487	1043487	1043489	1043489
Colour marking (beginning in 1997)	green	white	red	white	white	white	red	red
Drawing No.				66.16.00	66.09.00	66.10.00	66.10.00	66.10.01
Order No.				1045560	1043487	1043489	1043489	1110063
Colour marking (beginning in 1997)				green	white	red	red	blue

K92/4

Clutch ID Number XX Clutch torque rating [daNm]	65	75	80	95	105	120	135	150
Drawing No.	66.16.01	66.16.01	66.16.01	66.16.00	66.09.02	66.10.00	66.09.02	66.09.00
Order No.	1102493	1102493	1102493	1045560	1088193	1043489	1088193	1043487
Colour marking (beginning in 1997)	2 X green	2 X green	2 X green	green	yellow	red	yellow	white
Drawing No.	66.16.01	66.16.00	66.09.02	66.09.00	66.09.00	66.16.00	66.10.00	66.10.00
Order No.	1102493	1045560	1088193	1043487	1043487	1045560	1043489	1043489
Colour marking (beginning in 1997)	2 X green	green	yellow	white	white	green	red	red

3. CLUTCHES

3.4. FRICTION CLUTCHES



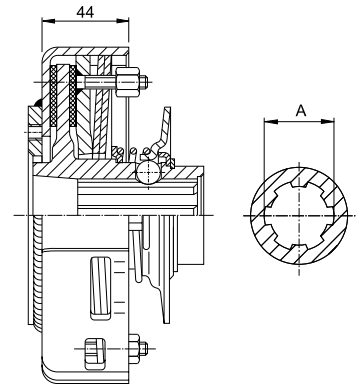
K92

with slide collar

Type of construction	Size	d	A	Style	M	Drawing No.	Part No.
		[mm]	[Profile]		[daNm]		
K92	2200	24	1 3/8" (6)	ZV	45	56.113.16	1053314
K92	2200	24	1 3/8" (6)	ZV	55	56.113.16	1053315
K92	2200	24	1 3/8" (6)	ZV	65	56.113.16	1053316
K92	2200	24	1 3/8" (6)	ZV	75	56.113.16	1056003
K92	2300	27	1 3/8" (6)	ZV	75	56.115.16	1053333
K92	2300	27	1 3/8" (6)	ZV	90	56.219.16	1317189
K92	2300	27	1 3/8" (6)	ZV	100	56.219.16	1110358
K92	2400	32	1 3/8" (6)	ZV	75	56.220.16	1326534
K92	2400	32	1 3/8" (6)	ZV	90	56.220.16	1321714

3. CLUTCHES

3.4. FRICTION CLUTCHES



EK92

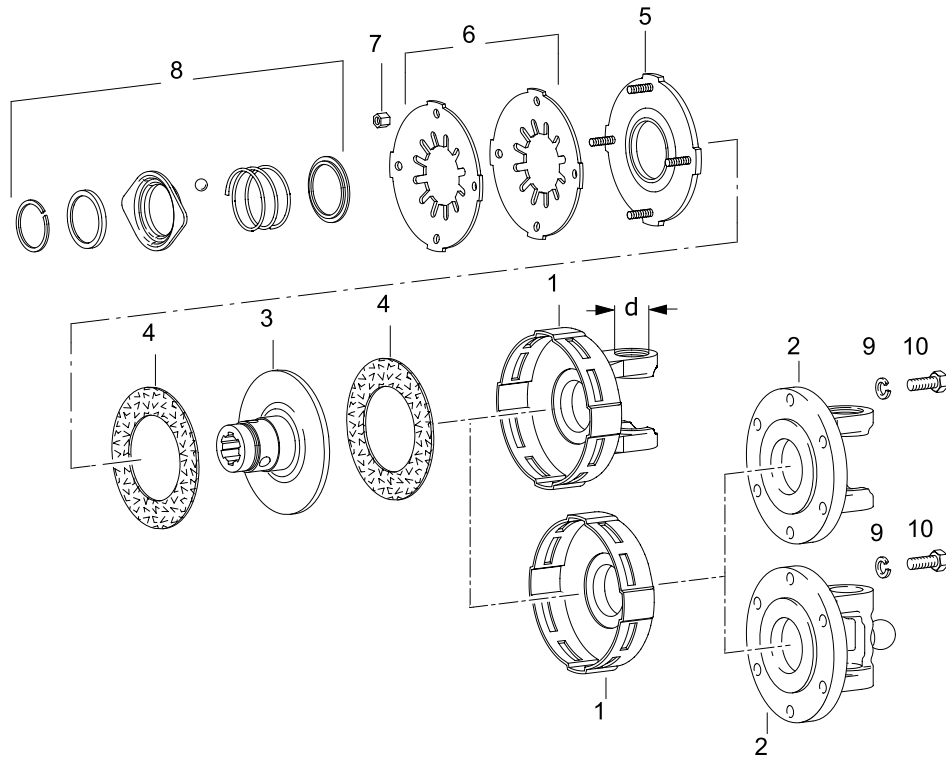
with slide collar

Type of construction	TK ¹⁾ [mm]	Technical data	A [Profile]	Style	M [daNm]	Drawing No.	Part No.
EK92	84	6xM8	1 3/8" (6)	ZV	65	56.100.16	1053382
EK92	84	6xM8	1 3/8" (6)	ZV	75	56.100.16	1053384
EK92	84	6xM8	1 3/8" (6)	ZV	90	56.100.16	1053385

1) TK = pitch circle diameter

3. CLUTCHES

3.4. FRICTION CLUTCHES



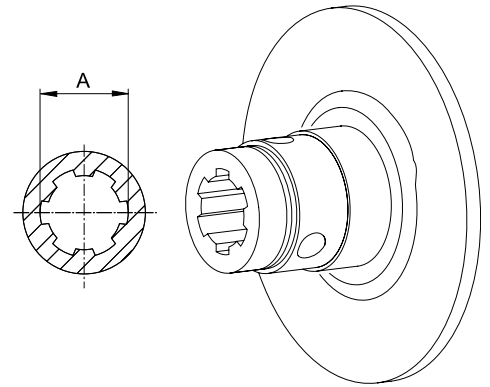
K92 AND EK92 INDIVIDUAL PARTS

Pos.	Designation	Size	d	TK ¹⁾	Technical data	Standard	Drawing No.	Part No.
			[mm]	[mm]				
1	K92 Clutch housing	2200	24				20.31.32	1041180
1	K92 Clutch housing	2300	27				21.31.17 +	1185836
1	EK92 Clutch housing			118			56.65.42	1192335
1	K92 Clutch housing	2400	32				35.31.21 +	1321715
1	EK92 Clutch housing			84	6xM8		56.65.41	1016239
2	Flange yokes Series W and P (Power Drive)							see page 44
2	Wide angle flange yokes 80° Series W							see page 56
3	K92 Hubs							see page 132
4	Friction disk				91x150x3		56.73.08	1168556
5	Thrust plate						56.66.19	1381495
6	Belleville spring							see page 128
7	Self-locking hexagon nut				M8	DIN 6330	60.51.09	1381957
8	Locking mechanism for yokes & clutches							see page 75
9	Lock washer				A8	DIN 127	60.81.00	1020103
10	Hexagon screw				M8x18	DIN 933	60.04.18	1020514

1) TK = pitch circle diameter

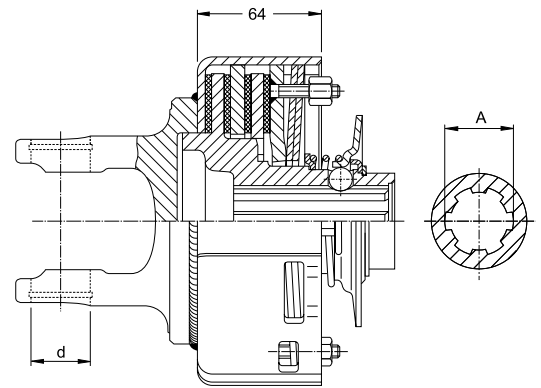
3. CLUTCHES

3.4. FRICTION CLUTCHES



K92 HUBS

Type	A	Style	Drawing No.	Part No.
	[Profile]			
K92	1 3/8" (6)	ZV	56.64.09	1051551



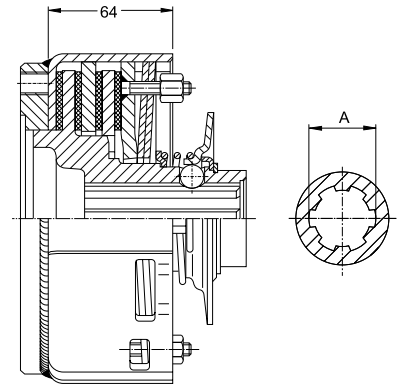
K92/4

with slide collar

Type of construction	Size	d	A	Style	M	Drawing No.	Part No.
		[mm]	[Profile]		[daNm]		
K92/4	2300	27	1 3/8" (6)	ZV	95	56.218.16	1316950
K92/4	2300	27	1 3/8" (6)	ZV	105	56.218.16	1318851
K92/4	2300	27	1 3/8" (6)	ZV	120	56.218.16	1167035
K92/4	2300	27	1 3/8" (6)	ZV	135	56.218.16	1325110
K92/4	2300	27	1 3/8" (21)	ZV	70	56.287.16	1115164
K92/4	2400	32	1 3/8" (6)	ZV	105	56.221.16	1320528
K92/4	2400	32	1 3/8" (6)	ZV	120	56.221.16	1333919
K92/4	2400	32	1 3/8" (6)	ZV	135	56.221.16	1321166
K92/4	2400	32	1 3/8" (6)	ZV	150	56.221.16	1351045
K92/4	2500	36	1 3/8" (6)	ZV	135	56.222.16	1331981

3. CLUTCHES

3.4. FRICTION CLUTCHES



EK92/4

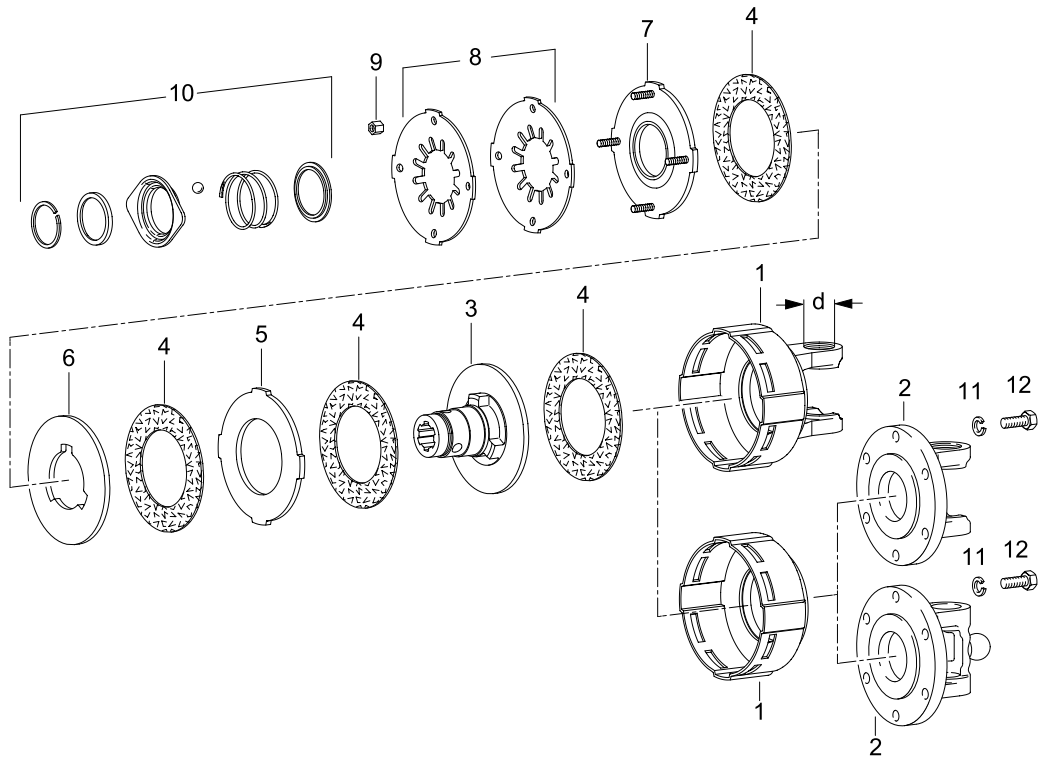
with slide collar

Type of construction	TK ¹⁾ [mm]	Technical data	A [Profile]	Style	M [daNm]	Drawing No.	Part No.
EK92/4	118	6xM10	1 3/8" (6)	ZV	105	56.134.16	1053351
EK92/4	118	6xM10	1 3/8" (6)	ZV	120	56.134.16	1088242
EK92/4	118	6xM10	1 3/8" (6)	ZV	135	56.134.16	1053352
EK92/4	118	6xM10	1 3/8" (6)	ZV	150	56.134.16	1053353
EK92/4	118	6xM10	1 3/8" (21)	ZV	135	56.157.16	1097552
EK92/4	138	6xM12	1 3/8" (6)	ZV	135	56.135.16	1053356
EK92/4	138	6xM12	1 3/8" (6)	ZV	150	56.135.16	1053357

1) TK = pitch circle diameter

3. CLUTCHES

3.4. FRICTION CLUTCHES



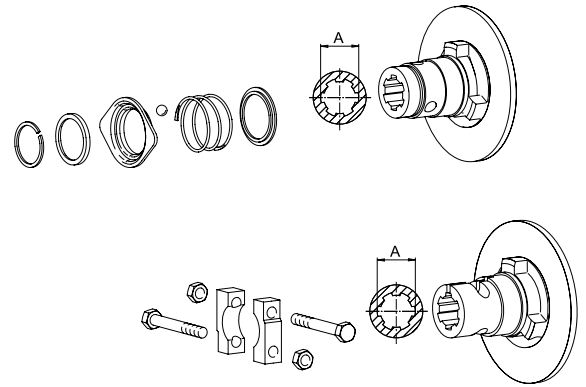
K92/4 AND EK92/4 INDIVIDUAL PARTS

Pos.	Designation	Size	d	TK ¹⁾	Technical data	Standard	Drawing No.	Part No.
			[mm]	[mm]				
1	K92/4 Clutch housing	2300	27				21.64.02 +	1316956
1	K92/4 Clutch housing	2400	32				35.62.01 +	1320527
1	EK92/4 Clutch housing			118	6xM10		56.65.07	1042445
1	EK92/4 Clutch housing			138	6xM12		56.65.08	1042446
2	Flange yokes Series W and P (Power Drive)							see page 44
2	Wide angle flange yokes 80° Series W							see page 56
3	K92/4 Hubs							see page 135
4	Friction disk				91x150x3		56.73.08	1168556
5	Drive plate						56.66.02	1042454
6	Drive plate						56.67.01	1042459
7	Thrust plate						56.66.19	1381495
8	Belleville spring							see page 128
9	Self-locking hexagon nut				M8	DIN 6330	60.51.09	1381957
10	Locking mechanism for yokes & clutches							see page 75
11	Lock washer				A10	DIN 127	60.82.03	1178114
11	Lock washer				A12	DIN 127	60.83.02	1178115
12	Hexagon screw				M10x25	DIN 933	60.05.55	1178116
12	Hexagon screw				M12x25	DIN 933	60.06.52	1178118

1) TK = pitch circle diameter

3. CLUTCHES

3.4. FRICTION CLUTCHES



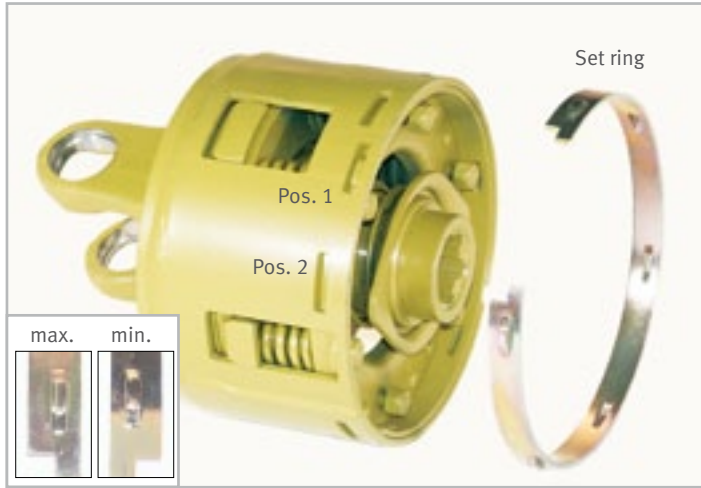
K92/4 HUBS

Type	A [Profile]	Style	Drawing No.	Part No.
K92/4	1 3/8" (6)	KB	56.64.147	1082972
K92/4	1 3/8" (6)	ZV	56.64.12	1051554
K92/4	1 3/8" (21)	ZV	56.64.13	1051555
K92/4	1 3/4" (6)	KB	56.64.168	1319206

3. CLUTCHES

3.4. FRICTION CLUTCHES

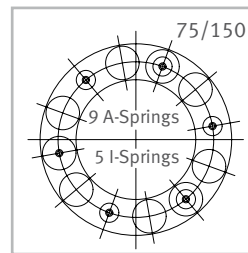
K96 AND K96/4 SPRING SETS AND SETTING GUIDE



	Torque level	Set ring position	clutch housing position
I	70%	min.	1
II*	80%	max.	1
III	90%	min.	2
IV	100%	max.	2
* Recommended setting			

There are 2 ways to change the torque rating for a given clutch. Each method of adjustment has 2 positions for a total of 4 possible torque ratings for a given clutch. See table above for further details.

1. The set ring has a 'min' and 'max' position.
2. The clutch pack can be rotated relative to the housing in positions 1 and 2. (see picture)



Example spring diagram

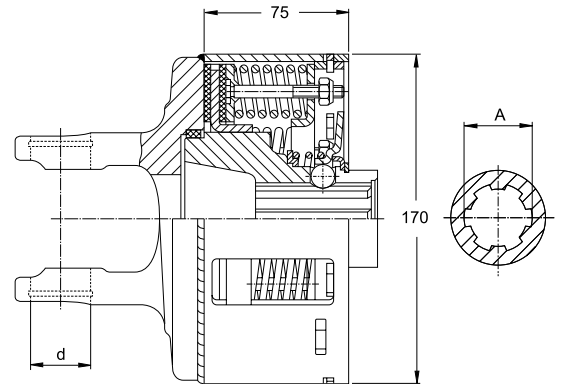
- Outer spring
- ⊙ Outer and inner spring
- Inner spring
- Compression bolts

Housing stamping	Torque K 96 [daNm] level				Torque K 96/4 [daNm] level				Order Number
	I	II*	III	IV	I	II*	III	IV	
20 / 40	18	20	23	25	35	40	45	50	1171283
30 / 60	26	30	34	38	53	60	68	75	1171284
36 / 72	32	36	42	46	60	72	84	93	1118578
40 / 80	35	40	45	50	70	80	90	100	1171285
/ 90					80	90	105	115	1171286
50 / 100	45	50	58	63	88	100	115	128	1377677
/ 110					95	110	125	140	1377676
60 / 120	53	60	70	78	105	120	138	153	1377675
63 / 125	55	63	73	80	110	125	145	159	1172777
/ 135					120	135	155	173	1377674
75 / 150	65	75	85	95	133	150	173	190	1377673
/ 165					145	165	190	210	1175022
90 / 180	80	90	103	115	158	180	208	230	1377671
/ 195					170	195	225	247	1175023
105/210	90	105	118	130	180	210	235	260	1377672

* Recommended setting

3. CLUTCHES

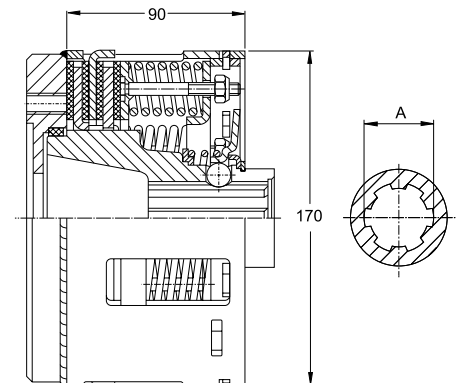
3.4. FRICTION CLUTCHES



K96

with slide collar

Type of construction	Size	d	A	Style	M	Drawing No.	Part No.
		[mm]	[Profile]		[daNm]		
K96	2300	27	1 3/8" (6)	ZV	105	56.100.50	1172237
K96	2300	27	1 3/8" (6)	ZV	130	56.100.50	1112476
K96	2400	32	1 3/8" (6)	ZV	90	56.107.50	1178217



EK96

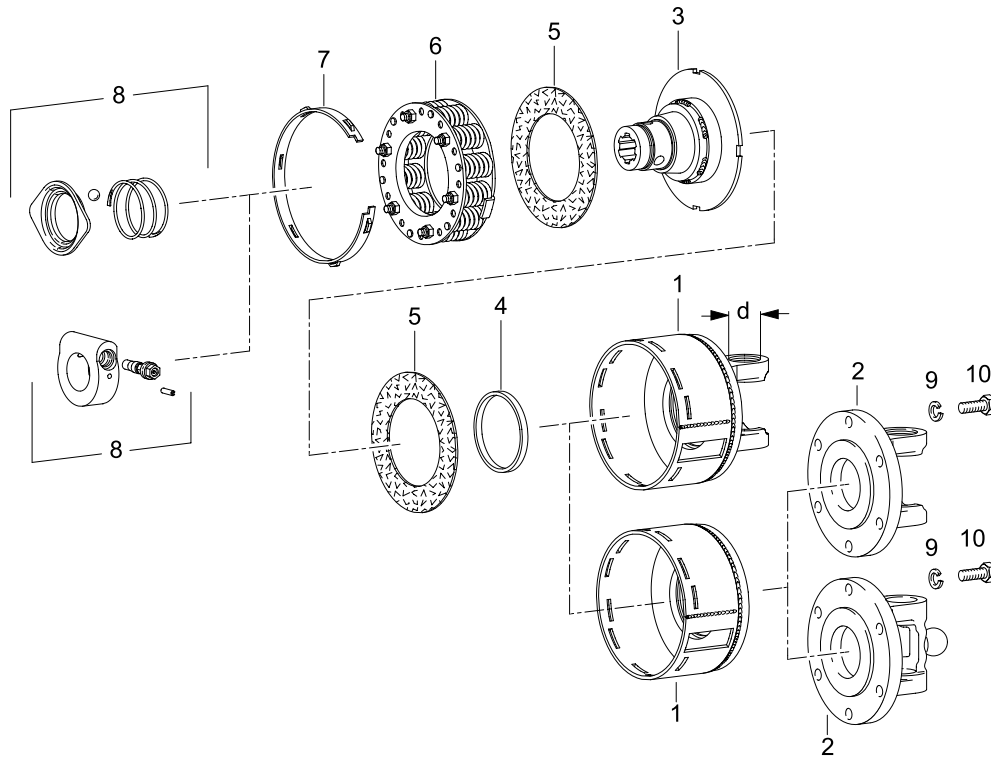
with slide collar

Type of construction	TK ¹⁾	Technical data	A	Style	M	Drawing No.	Part No.
	[mm]		[Profile]		[daNm]		
EK96	118	6xM10	1 3/8" (6)	ZV	105	56.104.50	1173336

1) TK = pitch circle diameter

3. CLUTCHES

3.4. FRICTION CLUTCHES



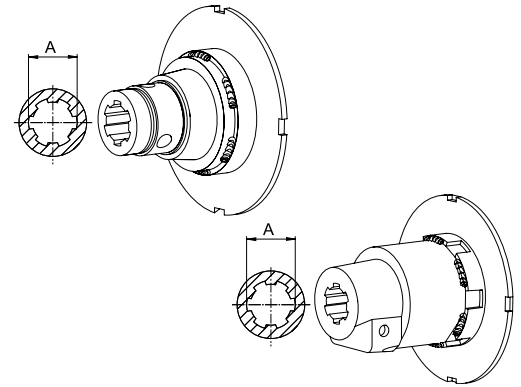
K96 AND EK96 INDIVIDUAL PARTS

Pos.	Designation	Size	d	TK ¹⁾	Technical data	Standard	Drawing No.	Part No.
			[mm]	[mm]				
1	K96 Clutch housing	2300	27				21.90.01 +	1367759
1	K96 Clutch housing	2400	32				35.90.01 +	1170022
1	EK96 Clutch housing			118	6xM10		56.39.00	1367785
1	EK96 Clutch housing			138	6xM12		56.39.01	1367786
2	Flange yokes Series W and P (Power Drive)							see page 44
2	Wide angle flange yokes 80° Series W							see page 56
3	K96 Hubs							see page 139
4	Ring				84x92x8		16.52.06	1367718
5	Friction disk				100x157x3		56.73.12	1177009
6	Spring sets for all K96 and K96/4 clutches							see page 136
7	Setting ring						56.36.00	1367720
8	Locking mechanism for yokes & clutches							see page 75
9	Lock washer				A10	DIN 127	60.82.03	1178114
9	Lock washer				A12	DIN 127	60.83.02	1178115
10	Hexagon screw				M10 x 30	DIN 933	60.05.56	1178117
10	Hexagon screw				M12 x 30	DIN 933	60.06.53	1178119

1) TK = pitch circle diameter

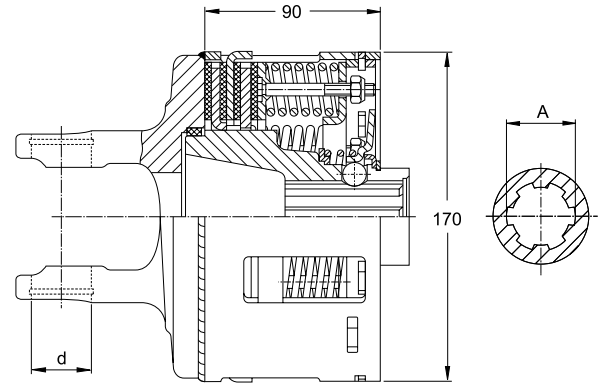
3. CLUTCHES

3.4. FRICTION CLUTCHES



K96 HUBS

Type	A	Style	Drawing No.	Part No.
	[Profile]			
K96	1 3/8" (6)	ZV	56.30.00	1367757



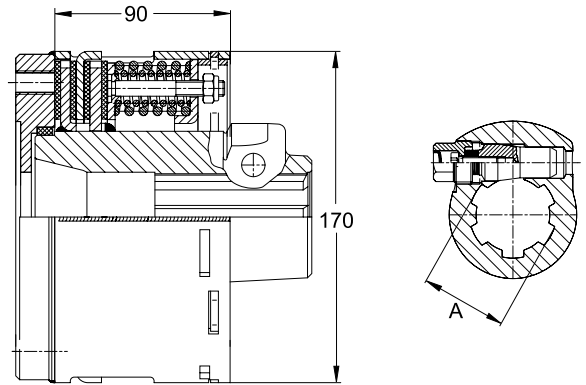
K96/4

Type of construction	Size	d	A	Style	M	Drawing No.	Part No.
		[mm]	[Profile]		[daNm]		
K96/4	2300	27	1 3/8" (6)	ZV	120	56.109.51	1199671
K96/4	2400	32	1 3/8" (6)	CC	120	56.138.51	1102587
K96/4	2400	32	1 3/8" (6)	CC	135	56.138.51	1101738
K96/4	2400	32	1 3/8" (6)	CC	150	56.138.51	1101739
K96/4	2400	32	1 3/4" (6)	CC	135	56.139.51	1101740
K96/4	2400	32	1 3/4" (6)	CC	150	56.139.51	1111566
K96/4	2400	32	1 3/8" (6)	ZV	120	56.100.51	1181659
K96/4	2400	32	1 3/8" (6)	ZV	135	56.100.51	1170841
K96/4	2400	32	1 3/8" (6)	ZV	150	56.100.51	1181390
K96/4	2400	32	1 3/8" (6)	ZV	165	56.100.51	1195622
K96/4	2400	32	1 3/8" (21)	ZV	135	56.108.51	1165870
K96/4	2500	36	1 3/8" (6)	CC	180	56.136.51	1101735
K96/4	2500	36	1 3/8" (6)	CC	210	56.136.51	1198662
K96/4	2500	36	1 3/4" (6)	CC	150	56.141.51	1102013

3. CLUTCHES

3.4. FRICTION CLUTCHES

Type of construction	Size	d [mm]	A [Profile]	Style	M [daNm]	Drawing No.	Part No.
K96/4	2500	36	1 3/4" (6)	CC	180	56.141.51	1101742
K96/4	2500	36	1 3/4" (6)	CC	210	56.141.51	1101743
K96/4	2500	36	1 3/4" (20)	CC	150	56.145.51	1126587
K96/4	2500	36	1 3/8" (6)	ZV	150	56.126.51	1386185
K96/4	2600	42	1 3/4" (6)	CC	210	56.133.51	1101737



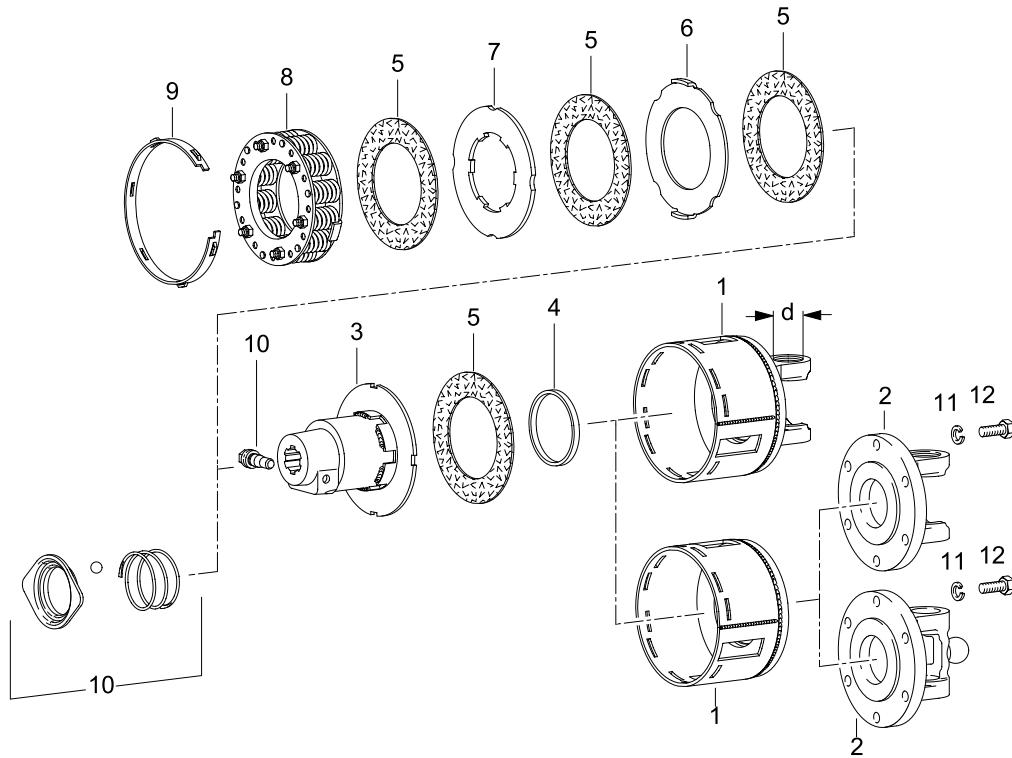
EK96/4

Type of construction	TK ¹⁾ [mm]	Technical data	A [Profile]	Style	M [daNm]	Drawing No.	Part No.
EK96/4	118	6xM10	1 3/8" (6)	ZV	135	56.129.51	1187019
EK96/4	138	6xM12	1 3/8" (6)	ZV	180	56.111.51	1166468
EK96/4	138	6xM12	1 3/8" (6)	CC	135	56.142.51	1103194
EK96/4	138	6xM12	1 3/8" (6)	CC	150	56.142.51	1101745
EK96/4	138	6xM12	1 3/4" (6)	CC	135	56.144.51	1101747
EK96/4	138	6xM12	1 3/4" (6)	CC	150	56.144.51	1101748
EK96/4	138	6xM12	1 3/4" (6)	CC	180	56.144.51	1102299
EK96/4	138	6xM12	1 3/4" (20)	CC	165	56.135.51	1197906

1) TK = pitch circle diameter

3. CLUTCHES

3.4. FRICTION CLUTCHES



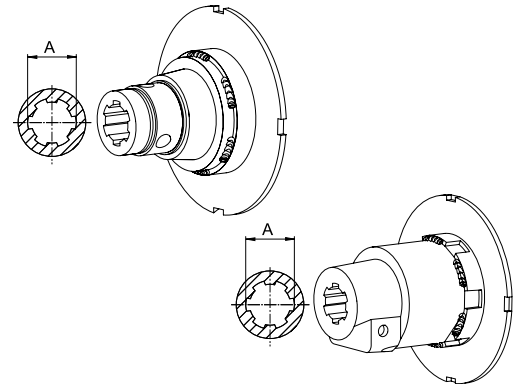
K96/4 AND EK96/4 INDIVIDUAL PARTS

Pos.	Designation	Size	d	TK ¹⁾	Technical data	Standard	Drawing No.	Part No.
			[mm]	[mm]				
1	K96/4 Clutch housing	2400	32				35.90.02 +	1367749
1	K96/4 Clutch housing	2500	36				36.90.02 +	1161386
1	K96/4 Clutch housing	2600	42				26.90.02 +	1177116
1	EK96/4 Clutch housing			118	6xM10		56.39.02	1367766
1	EK96/4 Clutch housing			138	6xM12		56.39.03	1367767
2	Flange yokes Series W and P (Power Drive)							see page 44
2	Wide angle flange yokes 80° Series W							see page 56
3	K96/4 Hubs							see page 142
4	Ring				84x92x8		16.52.06	1367718
5	Friction disk				100x157x3		56.73.12	1177009
6	Drive plate						56.34.03	1367726
7	Drive plate						56.34.02	1367725
8	Spring sets for all K96 and K96/4 clutches							see page 136
9	Setting ring						56.36.00	1367720
10	Locking mechanism for yokes & clutches							see page 75
11	Lock washer				A10	DIN 127	60.82.03	1178114
11	Lock washer				A12	DIN 127	60.83.02	1178115
12	Hexagon screw				M10 x 30	DIN 933	60.05.56	1178117
12	Hexagon screw				M12 x 30	DIN 933	60.06.53	1178119

1) TK = pitch circle diameter

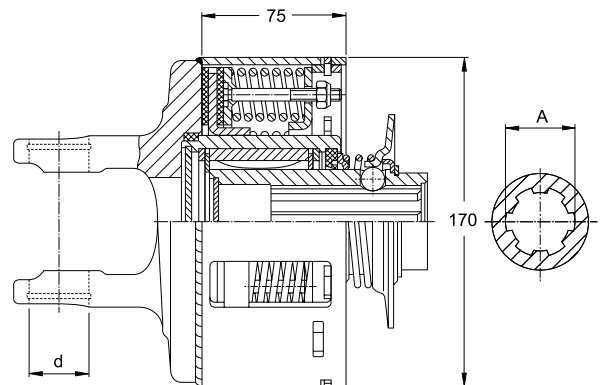
3. CLUTCHES

3.4. FRICTION CLUTCHES



K96/4 HUBS

Type	A [Profile]	Style	Drawing No.	Part No.
K96/4	1 3/8" (6)	CC	56.31.22	1198492
K96/4	1 3/8" (6)	ZV	56.31.00	1367751
K96/4	1 3/4" (6)	CC	56.31.18	1196380
K96/4	1 3/4" (6)	KB	56.31.16	1183517
K96/4	1 3/4" (20)	CC	56.31.20	1197835

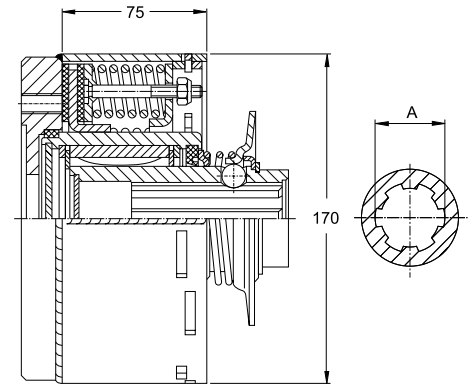


FK96 (FRICTION OVERRUNNING CLUTCHES)

Type of construction	Size	d [mm]	A [Profile]	Style	M [daNm]	Drawing No.	Part No.
FK96R	2300	27	1 3/8" (6)	ZV	105	58.107.50	1172703
FK96R	2300	27	1 3/8" (6)	ZV	75	58.107.50	1179666
FK96R	2400	32	1 3/8" (6)	ZV	105	58.111.50	1178301
FK96L	2300	27	1 3/8" (6)	ZV	90	58.123.50	1101711

3. CLUTCHES

3.4. FRICTION CLUTCHES



EFK96 (FRICTION OVERRUNNING CLUTCHES)

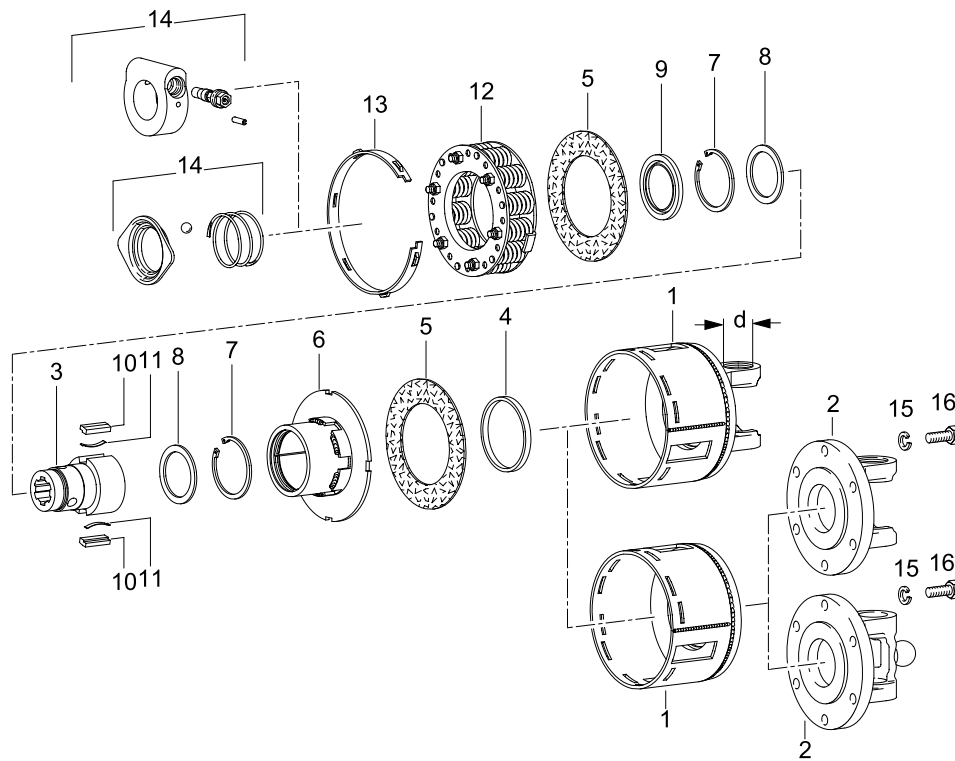
with slide collar

Type of construction	TK ¹⁾ [mm]	Technical data	A [Profile]	Style	M [daNm]	Drawing No.	Part No.
EFK96R	118	6xM10	1 3/8" (6)	ZV	90	58.108.50	1178061

1) TK = pitch circle diameter

3. CLUTCHES

3.4. FRICTION CLUTCHES



FK96 AND EFK96 (FRICTION OVERRUNNING CLUTCHES) INDIVIDUAL PARTS

Pos.	Designation	Size	d	TK ¹⁾	Technical data	Standard	Drawing No.	Part No.
			[mm]	[mm]				
1	K96 Clutch housing	2300	27				21.90.01 +	1367759
1	K96 Clutch housing	2400	32				35.90.01 +	1170022
1	K96 Clutch housing	2500	36				36.90.01 +	1186233
1	EK96 Clutch housing			118	6xM10		56.39.00	1367785
1	EK96 Clutch housing			138	6xM12		56.39.01	1367786
2	Wide angle flange yokes 80° Series W							see page 44
2	Flange yokes Series W and P (Power Drive)							see page 56
3	FK96 Hubs							see page 145
4	Ring				84,4x92,4x8		16.52.06	1367718
5	Friction disk				100x157x3		56.73.12	1177009
6	Carrier				Right-hand rotation		58.60.40	1169198
6	Carrier				Left-hand rotation		58.60.42	1169226
7	Retaining ring				72x2,5	DIN 472	62.14.01	1702100
8	Supporting ring				by 1 3/8": 56x72	DIN 988	16.20.67	1304235
9	Sealing ring				80x55x6		68.18.02	1169197
10	Key				13x7x49,5		16.50.25	1331737
11	Leaf spring				48x5		66.19.00	1332185
12	Spring sets for all K96 and K96/4 clutches							see page 136
13	Setting ring						56.36.00	1367720
14	Locking mechanism for yokes & clutches							see page 75
15	Lock washer				A10	DIN 127	60.82.03	1178114

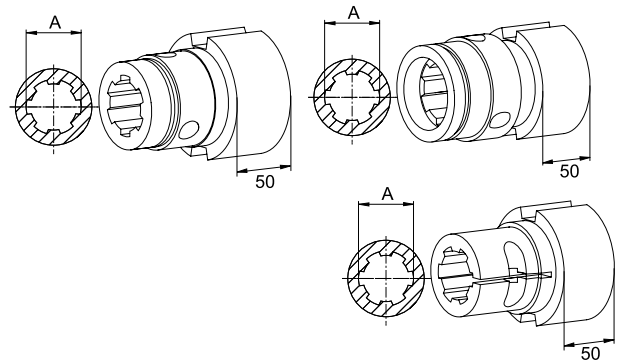
1) TK = pitch circle diameter

3. CLUTCHES

3.4. FRICTION CLUTCHES

Pos.	Designation	Size	d	TK ¹⁾	Technical data	Standard	Drawing No.	Part No.
			[mm]	[mm]				
15	Lock washer				A12	DIN 127	60.83.02	1178115
16	Hexagon screw				M10 x 30	DIN 933	60.05.56	1178117
16	Hexagon screw				M12 x 30	DIN 933	60.06.53	1178119

1) TK = pitch circle diameter

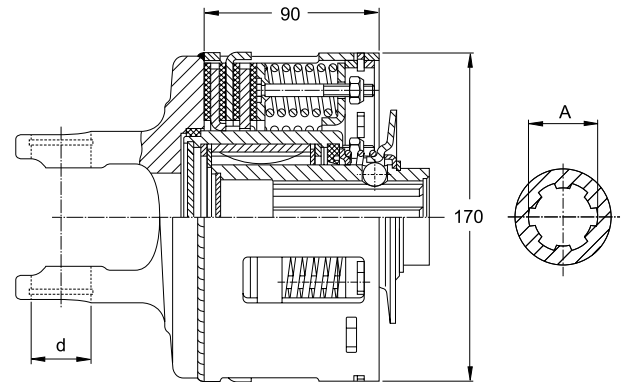


FK96 HUBS

Type	A	Style	Drawing No.	Part No.
	[Profile]			
FK96	1 3/8" (6)	CC	56.19.61	1197376
FK96	1 3/8" (6)	ZV	56.19.37	1170020
FK96	1 3/8" (21)	ZV	56.19.43	1172704

3. CLUTCHES

3.4. FRICTION CLUTCHES

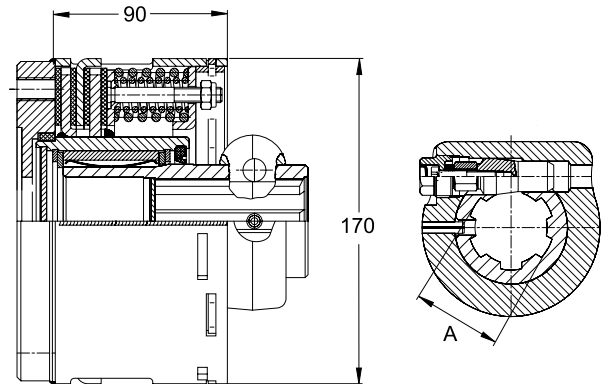


FK96/4 (FRICTION OVERRUNNING CLUTCHES)

Type of construction	Size	d	A	Style	M	Drawing No.	Part No.
		[mm]	[Profile]		[daNm]		
FK96/4R	2300	27	1 3/8" (6)	ZV	90	58.147.51	1108863
FK96/4L	2400	32	1 3/8" (6)	CC	120	58.154.51	1105912
FK96/4L	2400	32	1 3/4" (6)	CC	120	58.141.51	1101662
FK96/4L	2400	32	1 3/4" (6)	CC	135	58.141.51	1101663
FK96/4L	2400	32	1 3/8" (6)	ZV	120	58.116.51	1177160
FK96/4L	2400	32	1 3/8" (6)	ZV	135	58.116.51	1101559
FK96/4L	2400	32	1 3/8" (6)	ZV	150	58.116.51	1125295
FK96/4R	2400	32	1 3/8" (6)	CC	100	58.139.51	1199099
FK96/4R	2400	32	1 3/8" (6)	CC	120	58.139.51	1102038
FK96/4R	2400	32	1 3/8" (6)	CC	135	58.139.51	1102585
FK96/4R	2400	32	1 3/8" (6)	CC	150	58.139.51	1199095
FK96/4R	2400	32	1 3/8" (6)	ZV	120	58.109.51	1170019
FK96/4R	2400	32	1 3/8" (6)	ZV	135	58.109.51	1183397
FK96/4R	2400	32	1 3/8" (6)	ZV	150	58.109.51	1197256
FK96/4R	2400	32	1 3/8" (6)	ZV	165	58.109.51	1196910
FK96/4R	2400	32	1 3/8" (6)	ZV	180	58.109.51	1104308
FK96/4R	2500	36	1 3/8" (6)	CC	135	58.133.51	1199103
FK96/4R	2500	36	1 3/8" (6)	CC	150	58.133.51	1101661
FK96/4R	2500	36	1 3/8" (6)	CC	180	58.133.51	1104120
FK96/4R	2500	36	1 3/4" (6)	CC	180	58.145.51	1107165
FK96/4R	2500	36	1 3/8" (6)	ZV	195	58.148.51	1120890

3. CLUTCHES

3.4. FRICTION CLUTCHES



EFK96/4 (FRICTION OVERRUNNING CLUTCHES)

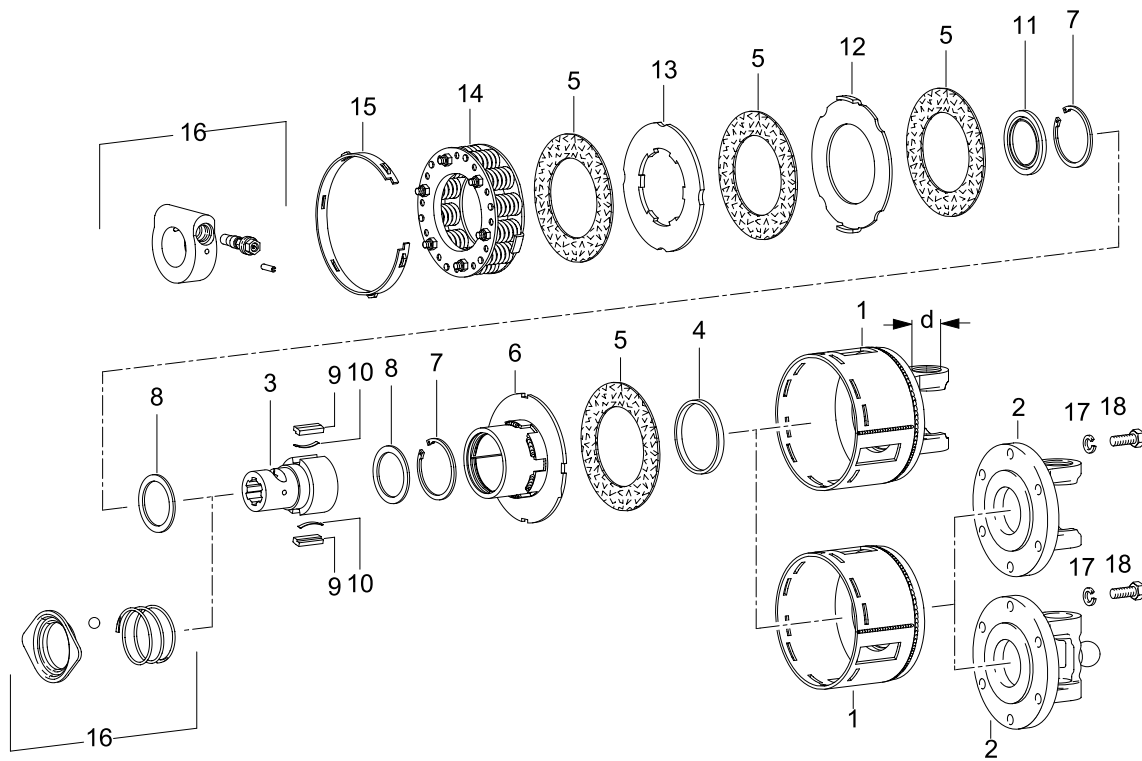
with CC-lock

Type of construction	TK ¹⁾ [mm]	Technical data	A [Profile]	Style	M [daNm]	Drawing No.	Part No.
EFK96/4R	138	6xM12	1 3/8" (6)	CC	100	58.143.51	1105865
EFK96/4R	138	6xM12	1 3/8" (6)	CC	150	58.143.51	1101666
EFK96/4R	138	6xM12	1 3/4" (6)	CC	150	58.144.51	1101667
EFK96/4R	138	6xM12	1 3/4" (6)	CC	210	58.144.51	1102854

1) TK = pitch circle diameter

3. CLUTCHES

3.4. FRICTION CLUTCHES



FK96/4 AND EFK96/4 (FRICTION OVERRUNNING CLUTCHES) INDIVIDUAL PARTS

Pos.	Designation	Size	d	TK ¹⁾	Technical data	Standard	Drawing No.	Part No.
			[mm]	[mm]				
1	K96/4 Clutch housing	2400	32				35.90.02 +	1367749
1	K96/4 Clutch housing	2500	36				36.90.02 +	1161386
1	K96/4 Clutch housing	2600	42				26.90.02 +	1177116
1	EK96/4 Clutch housing			118	6xM10		56.39.02	1367766
1	EK96/4 Clutch housing			138	6xM12		56.39.03	1367767
2	Flange yokes Series W and P (Power Drive)							see page 44
2	Wide angle flange yokes 80° Series W							see page 56
3	FK96/4 Hubs							see page 149
4	Ring				84,4x92,4x8		16.52.06	1367718
5	Friction disk				100x157x3		56.73.12	1177009
6	Carrier				Right-hand rotation		58.60.40	1169198
6	Carrier				Left-hand rotation		58.60.42	1169226
7	Retaining ring				72x2,5	DIN 472	62.14.01	1702100
8	Supporting ring				by 1 3/8": 56x72	DIN 988	16.20.67	1304235
9	Key				13x7x49,5		16.50.25	1331737
10	Leaf spring				48x5		66.19.00	1332185
11	Sealing ring				80x55x6		68.18.02	1169197
12	Drive plate						56.34.03	1367726
13	Drive plate						56.34.02	1367725
14	Spring sets for all K96 and K96/4 clutches							see page 136
15	Setting ring						56.36.00	1367720

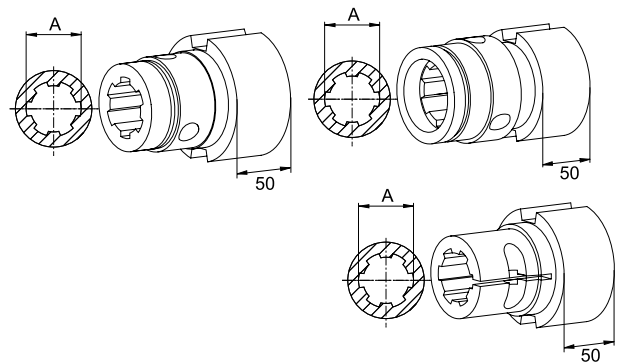
1) TK = pitch circle diameter

3. CLUTCHES

3.4. FRICTION CLUTCHES

Pos.	Designation	Size	d	TK ¹⁾	Technical data	Standard	Drawing No.	Part No.
			[mm]	[mm]				
16	Locking mechanism for yokes & clutches							see page 75
17	Lock washer				A10	DIN 127	60.82.03	1178114
17	Lock washer				A12	DIN 127	60.83.02	1178115
18	Hexagon screw				M10 x 30	DIN 933	60.05.56	1178117
18	Hexagon screw				M12 x 30	DIN 933	60.06.53	1178119

1) TK = pitch circle diameter

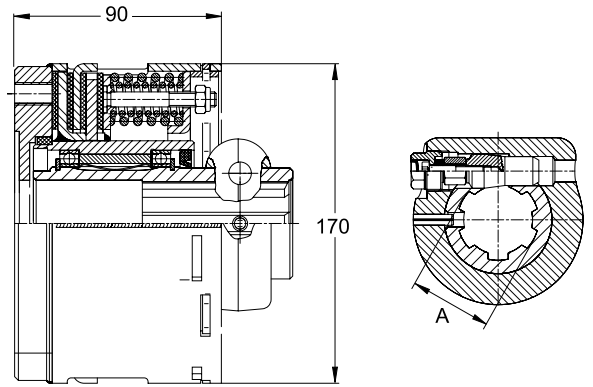


FK96/4 HUBS

Type	A	Style	Drawing No.	Part No.
	[Profile]			
FK96/4	1 3/8" (6)	CC	56.19.63	1197393
FK96/4	1 3/8" (21)	CC	56.19.72	1110061
FK96/4	1 3/4" (6)	CC	56.19.65	1101047
FK96/4	1 3/4" (20)	CC	56.19.70	1106504
FK96/4	1 3/4" (20)	ZS	56.19.177	1386316

3. CLUTCHES

3.4. FRICTION CLUTCHES



EFBK96/4 (FRICTION OVERRUNNING CLUTCHES)

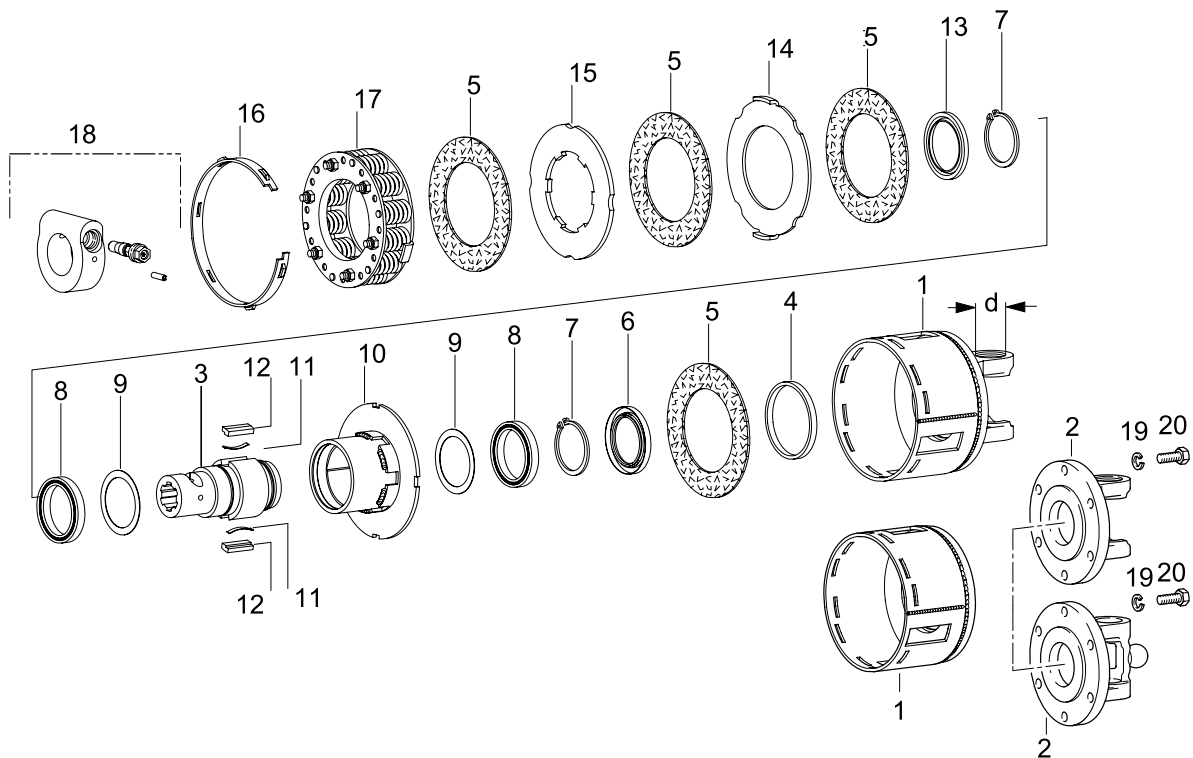
with CC-lock

Type of construction	TK ¹⁾ [mm]	Technical data	A [Profile]	Style	M [daNm]	Drawing No.	Part No.
EFBK96/4R	138	6xM12	1 3/4" (6)	CC	150	58.150.51	1109468
EFBK96/4R	138	6xM12	1 3/4" (6)	CC	190	58.150.51	1146280

1) TK = pitch circle diameter

3. CLUTCHES

3.4. FRICTION CLUTCHES



FBK96/4 AND EFBK96/4 (FRICTION OVERRUNNING CLUTCHES) INDIVIDUAL PARTS

Pos.	Designation	Size	d	TK ¹⁾	Technical data	Standard	Drawing No.	Part No.
			[mm]	[mm]				
1	K96/4 Clutch housing	2400	32				35.90.02 +	1367749
1	K96/4 Clutch housing	2500	36				36.90.02 +	1161386
1	K96/4 Clutch housing	2600	42				26.90.02 +	1177116
1	EK96/4 Clutch housing			118	6xM10		56.39.02	1367766
1	EK96/4 Clutch housing			138	6xM12		56.39.03	1367767
2	Flange yokes Series W and P (Power Drive)							see page 44
2	Wide angle flange yokes 80° Series W							see page 56
3	FBK96/4 Hubs							see page 152
4	Ring				84,4x92,4x8		16.52.06	1367718
5	Friction disk				100x157x3		56.73.12	1177009
6	Sealing ring				55x50x8		68.09.02	1175048
7	Retaining ring				60x2	DIN 471	62.35.01	1702061
8	Deep groove ball bearing				618X12	DIN 625	64.10.07	1304119
9	Adjusting washer				60,1x77x0,5	DIN 988	16.20.50	1332184
10	Carrier				Right-hand rotation		58.60.49	1175076
11	Leaf spring				36x5		66.19.01	1348132
12	Key				13x7x38		16.50.35	1348133
13	Sealing ring				80x59x6		68.18.03	1170012
14	Drive plate						56.34.03	1367726
15	Drive plate						56.34.02	1367725
16	Setting ring						56.36.00	1367720
17	Spring sets for all K96 and K96/4 clutches							see page 136

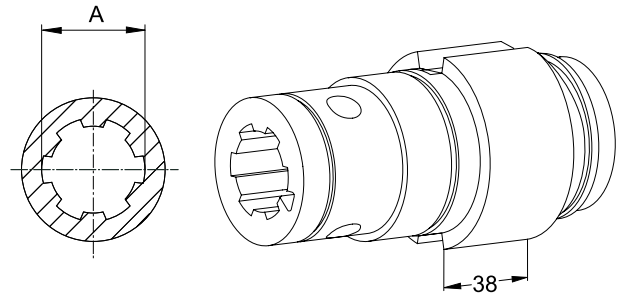
1) TK = pitch circle diameter

3. CLUTCHES

3.4. FRICTION CLUTCHES

Pos.	Designation	Size	d	TK ¹⁾	Technical data	Standard	Drawing No.	Part No.
			[mm]	[mm]				
18	Locking mechanism for yokes & clutches							see page 75
19	Lock washer				A10	DIN 127	60.82.03	1178114
19	Lock washer				A12	DIN 127	60.83.02	1178115
20	Hexagon screw				M10 x 30	DIN 933	60.05.56	1178117
20	Hexagon screw				M12 x 30	DIN 933	60.06.53	1178119

1) TK = pitch circle diameter

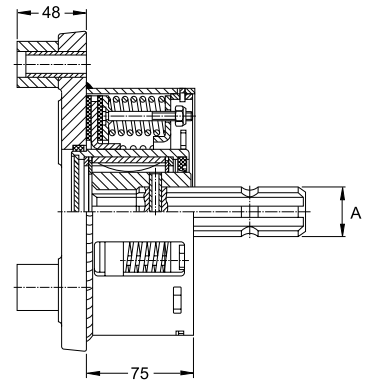


FBK96/4 HUBS

Type	A	Style	Drawing No.	Part No.
	[Profile]			
FBK96/4	1 3/4" (6)	KB	56.19.54	1179370
FBK96/4	1 3/4" (6)	CC	56.19.222	1109465
FBK96/4	1 3/8" (6)	ZV	56.19.55	1179376

3. CLUTCHES

3.4. FRICTION CLUTCHES



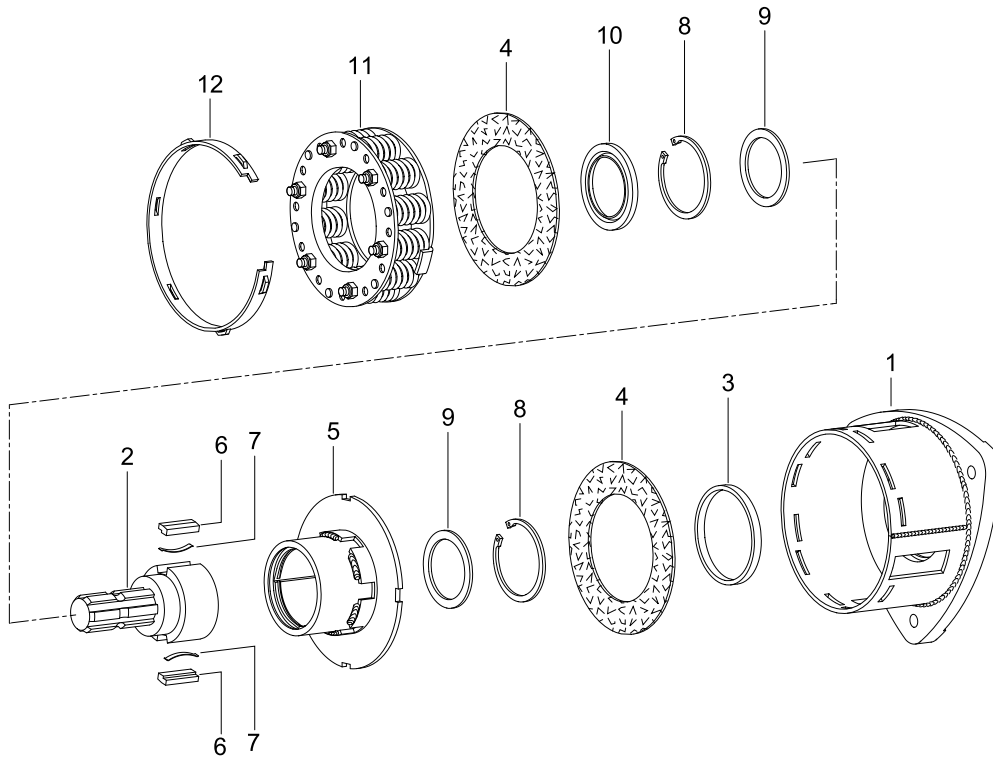
PFK96 (FRICTION OVERRUNNING CLUTCHES)

Type of construction	TK ¹⁾ [mm]	Technical data	A [Profile]	M [daNm]	Drawing No.	Part No.
PFK96R	203	3xØ13	1 3/8" (6)V	95	58.101.52	1195902
PFK96R	250	3xØ12,5	1 3/8" (6)V	105	58.106.52	1194565

1) TK = pitch circle diameter

3. CLUTCHES

3.4. FRICTION CLUTCHES



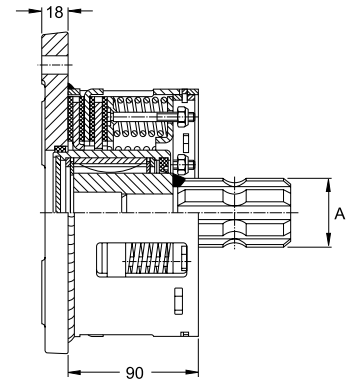
PFK96 (FRICTION OVERRUNNING CLUTCHES) INDIVIDUAL PARTS

Pos.	Designation	TK ¹⁾ [mm]	Technical data	Standard	Drawing No.	Part No.
1	PK96 Clutch housing	203	3xØ13		56.39.08	1187077
2	PFK96 Hub		1 3/4" (6) V		56.19.170	1175097
2	PFK96 Hub		1 3/8" (6) V		56.19.178	1181038
3	Ring		84,4x92,4x8		16.52.06	1367718
4	Friction disk		100x157x3		56.73.12	1177009
5	Carrier		Right-hand rotation		58.60.40	1169198
6	Key		13x7x49,5		16.50.25	1331737
7	Leaf spring		48x5		66.19.00	1332185
8	Retaining ring		72x2,5	DIN 472	62.14.01	1702100
9	Supporting ring		by 1 3/8": 56x72	DIN 988	16.20.67	1304235
10	Sealing ring		80x55x6		68.18.02	1169197
11	Spring sets for all K96 and K96/4 clutches					see page 136
12	Setting ring				56.36.00	1367720

1) TK = pitch circle diameter

3. CLUTCHES

3.4. FRICTION CLUTCHES



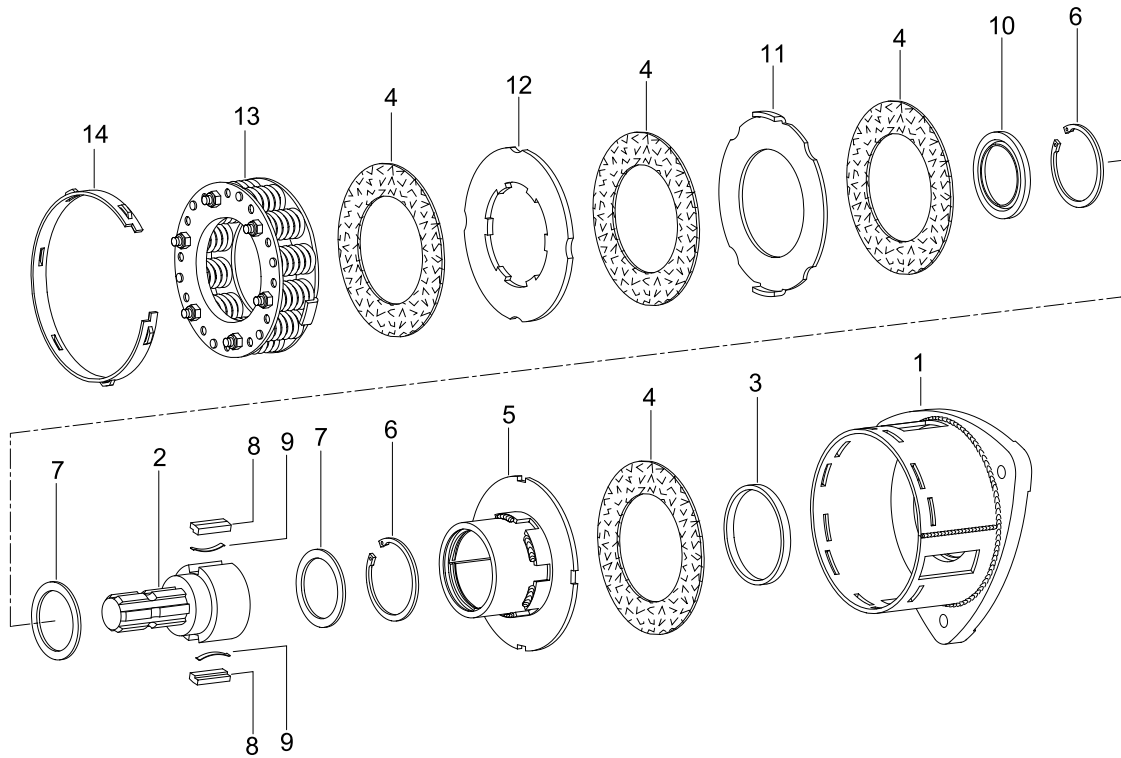
PFK96/4 (FRICTION OVERRUNNING CLUTCHES)

Type of construction	TK ¹⁾ [mm]	Technical data	A [Profile]	M [daNm]	Drawing No.	Part No.
PFK96/4R	203	3xØ12,5	1 3/4" (6)V	120	58.101.53	1191326
PFK96/4R	203	3xØ12,5	1 3/4" (6)V	135	58.101.53	1177141
PFK96/4R	250	3xØ12,5	1 3/4" (6)V	150	58.106.53	1107660
PFK96/4R	203	3xØ13	1 3/4" (6)V	180	58.101.53	1102762

1) TK = pitch circle diameter

3. CLUTCHES

3.4. FRICTION CLUTCHES



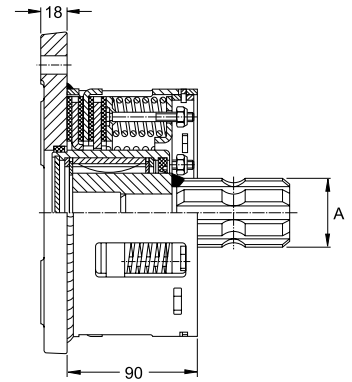
PFK96/4 (FRICTION OVERRUNNING CLUTCHES) INDIVIDUAL PARTS

Pos.	Designation	TK ¹⁾ [mm]	Technical data	Standard	Drawing No.	Part No.
1	PFK96/4 Clutch housing	203	3xØ12,5		56.39.05	1161367
2	PFK96 Hub		1 3/4" (6) V		56.19.170	1175097
2	PFK96 Hub		1 3/8" (6) V		56.19.178	1181038
3	Ring		84,4x92,4x8		16.52.06	1367718
4	Friction disk		100x157x3		56.73.12	1177009
5	Carrier		Right-hand rotation		58.60.40	1169198
6	Retaining ring		72x2,5	DIN 472	62.14.01	1702100
7	Supporting ring		by 1 3/8": 56x72	DIN 988	16.20.67	1304235
8	Key		13x7x49,5		16.50.25	1331737
9	Leaf spring		48x5		66.19.00	1332185
10	Sealing ring		80x55x6		68.18.02	1169197
11	Drive plate				56.34.03	1367726
12	Drive plate				56.34.02	1367725
13	Spring sets for all K96 and K96/4 clutches					see page 136
14	Setting ring				56.36.00	1367720

1) TK = pitch circle diameter

3. CLUTCHES

3.4. FRICTION CLUTCHES



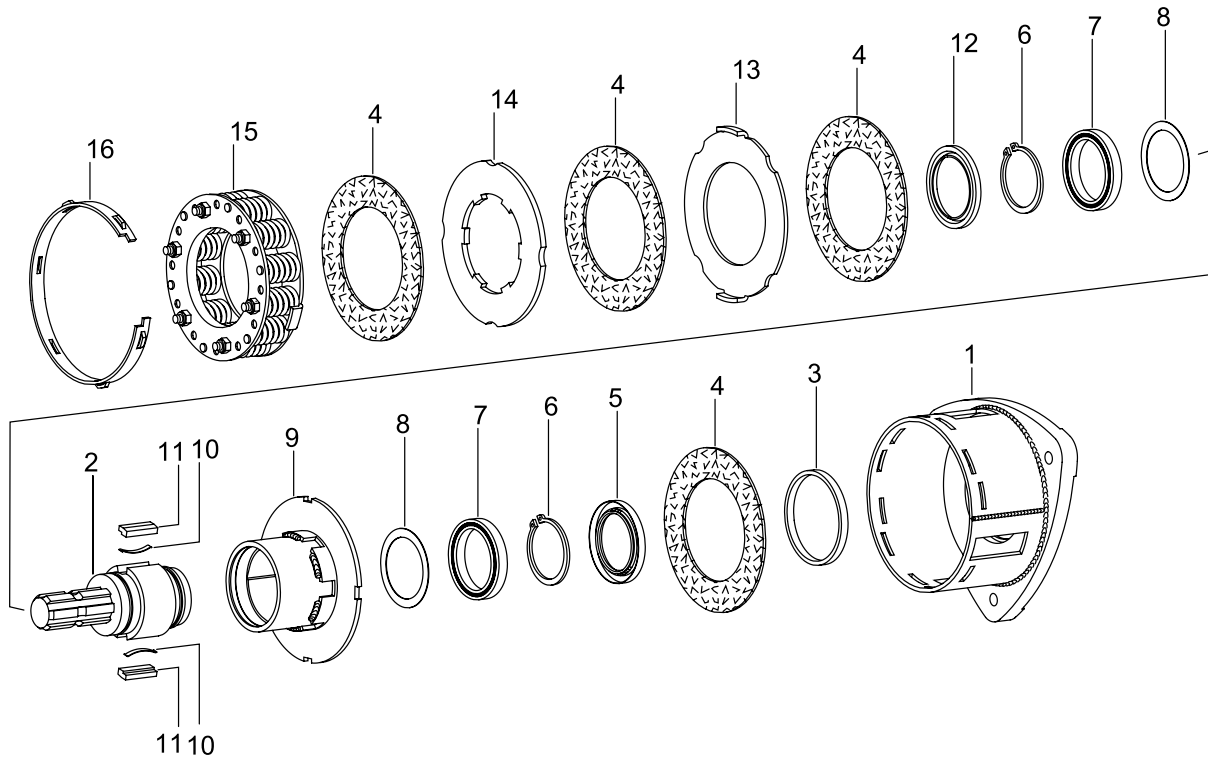
PFBK96/4 (FRICTION OVERRUNNING CLUTCHES)

Type of construction	TK ¹⁾ [mm]	Technical data	A [Profile]	M [daNm]	Drawing No.	Part No.
PFBK96/4R	203	3xØ12,5	1 3/8" (6)V	120	58.107.53	1108763
PFBK96/4R	203	3xØ12,5	1 3/4" (6)V	120	58.104.53	1103064
PFBK96/4R	203	3xØ12,5	1 3/4" (6)V	135	58.111.53	1101676
PFBK96/4R	203	3xØ12,5	1 3/4" (6)V	153	58.102.53	1197618
PFBK96/4R	280	3xØ13	1 3/4" (6)V	150	58.108.53	1194787

1) TK = pitch circle diameter

3. CLUTCHES

3.4. FRICTION CLUTCHES



PFBK96/4 (FRICTION OVERRUNNING CLUTCHES) INDIVIDUAL PARTS

Pos.	Designation	TK ¹⁾ [mm]	Technical data	Standard	Drawing No.	Part No.
1	PFK96/4 Clutch housing	203	3xØ12,5		56.39.05	1161367
2	PFBK96 Hub		1 3/8" (6)V		56.19.218	1108866
2	PFBK96 Hub		1 3/4" (6)V		56.19.174	1178091
3	Ring		84,4x92,4x8		16.52.06	1367718
4	Friction disk		100x157x3		56.73.12	1177009
5	Sealing ring		55x50x8		68.09.02	1175048
6	Retaining ring		60x2	DIN 471	62.35.01	1702061
7	Deep groove ball bearing		618X12	DIN 625	64.10.07	1304119
8	Adjusting washer		60,1x77x0,5	DIN 988	16.20.50	1332184
9	Carrier		Right-hand rotation		58.60.49	1175076
10	Leaf spring		36x5		66.19.01	1348132
11	Key		13x7x38		16.50.35	1348133
12	Sealing ring		80x59x6		68.18.03	1170012
13	Drive plate				56.34.03	1367726
14	Drive plate				56.34.02	1367725
15	Spring sets for all K96 and K96/4 clutches					see page 136
16	Setting ring				56.36.00	1367720

1) TK = pitch circle diameter

3. CLUTCHES

3.4. FRICTION CLUTCHES



K97/4 SPRING SETS AND SETTING GUIDE

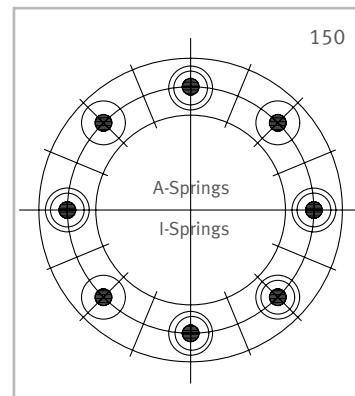


Torque level	Set ring position	clutch housing position
I	70%	min. 1
II*	80%	max. 1
III	90%	min. 2
IV	100%	max. 2

* Recommended setting

There are 2 ways to change the torque rating for a given clutch. Each method of adjustment has 2 positions for a total of 4 possible torque ratings for a given clutch. See table above for further details.

1. The set ring has a 'min' and 'max' position.
2. The clutch pack can be rotated relative to the housing in positions 1 and 2. (see picture)



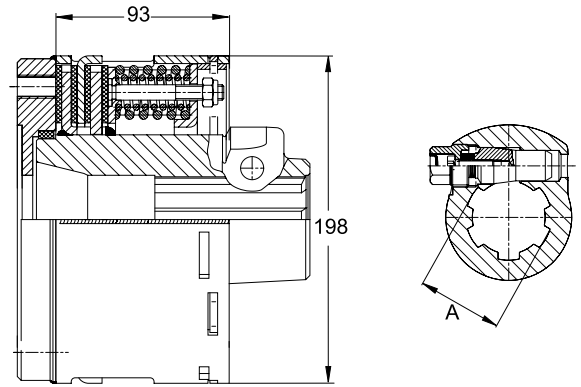
Example spring diagram

Housing stamping	Torque K 96 [daNm] level				Order Number
	I	II*	III	IV	
135	120	135	155	173	176994
150	133	150	173	190	176995
165	145	165	190	210	176996
180	158	180	208	230	176997
195	170	195	225	247	176998
210	180	210	235	260	176999
240	210	240	275	310	177000
270	237	270	310	350	177001
300	265	300	345	390	177002

* Recommended setting

3. CLUTCHES

3.4. FRICTION CLUTCHES



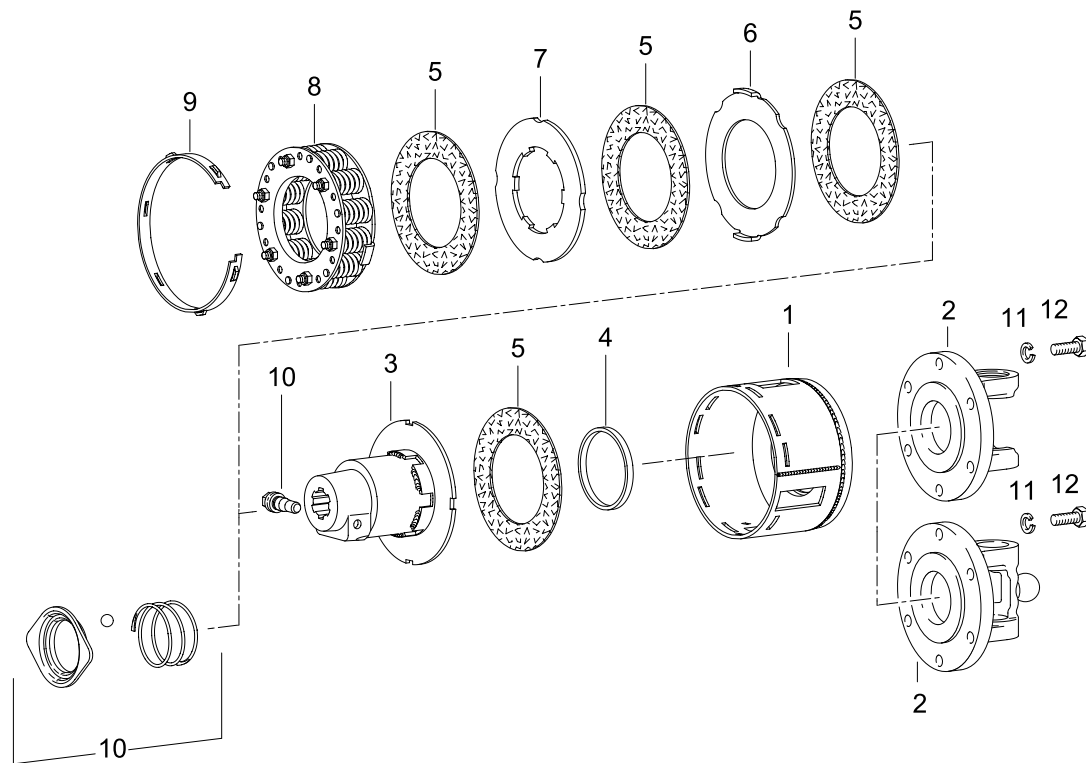
EK97/4

Type of construction	TK ¹⁾ [mm]	Technical data	A [Profile]	Style	M [daNm]	Drawing No.	Part No.
EK97/4	138	12xM12	1 3/4" (6)	CC	300	56.104.56	1105065

1) TK = pitch circle diameter

3. CLUTCHES

3.4. FRICTION CLUTCHES



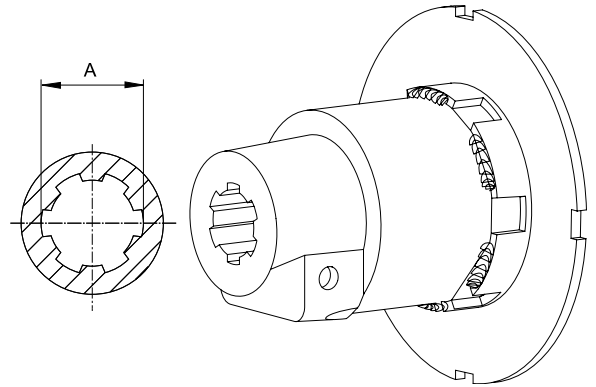
EK97/4 INDIVIDUAL PARTS

Pos.	Designation	TK ¹⁾ [mm]	Technical data	Standard	Drawing No.	Part No.
1	EK97/4 Clutch housing	138	12xM12		56.49.02	1112182
2	Flange yokes Series W and P (Power Drive)					see page 44
3	K97/4 Hubs					see page 162
4	Ring		84,4x92,4x8		16.52.06	1367718
5	Friction disk		120x185x3		56.73.11	1176985
6	Drive plate				56.44.03	1176992
7	Drive plate				56.44.02	1176991
8	Spring sets for all K97/4 clutches					see page 159
9	Setting ring				56.46.00	1177003
10	Locking mechanism for yokes & clutches					see page 75
11	Lock washer		A12	DIN 127	60.83.02	1178115
12	Hexagon screw		M12 x 30	DIN 933	60.06.53	1178119

1) TK = pitch circle diameter

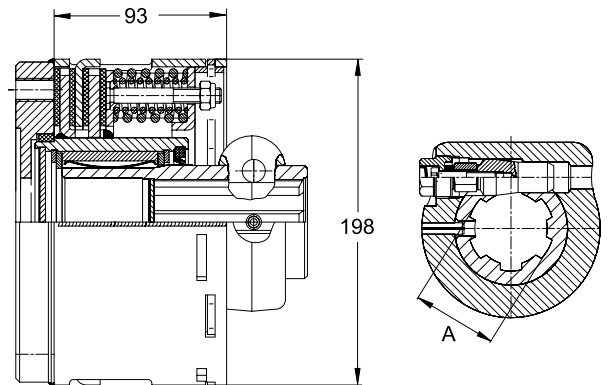
3. CLUTCHES

3.4. FRICTION CLUTCHES



K97/4 HUBS

Type	A	Style	Drawing No.	Part No.
	[Profile]			
K97/4	1 3/4" (6)	CC	56.41.04	1102357
K97/4	1 3/4" (20)	ZS	56.41.100	1180083



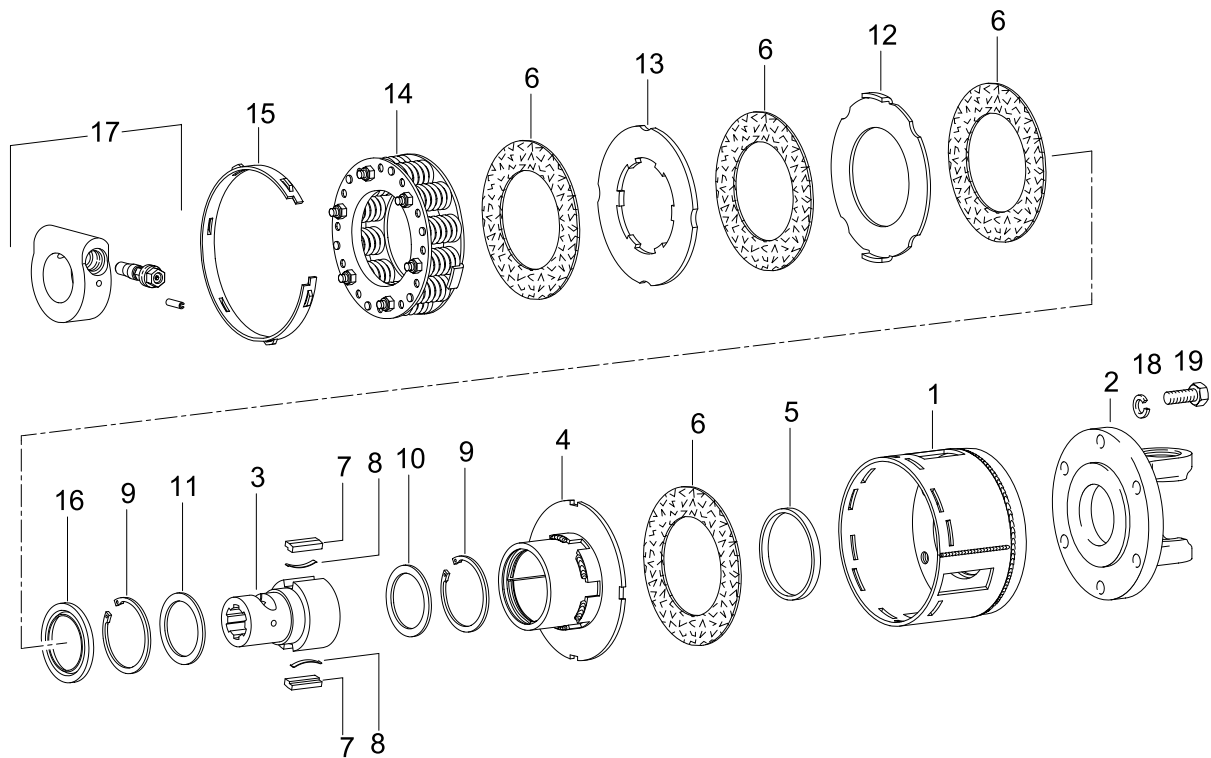
EFK97/4 (FRICTION OVERRUNNING CLUTCHES)

Type of construction	TK ¹⁾	Technical data	A	Style	M	Drawing No.	Part No.
	[mm]		[Profile]		[daNm]		
EFK97/4R	138	12xM12	1 3/4" (6)	CC	300	58.103.56	1112193
EFK97/4R	138	12xM12	1 3/4" (20)	CC	300	58.104.56	1112421

1) TK = pitch circle diameter

3. CLUTCHES

3.4. FRICTION CLUTCHES



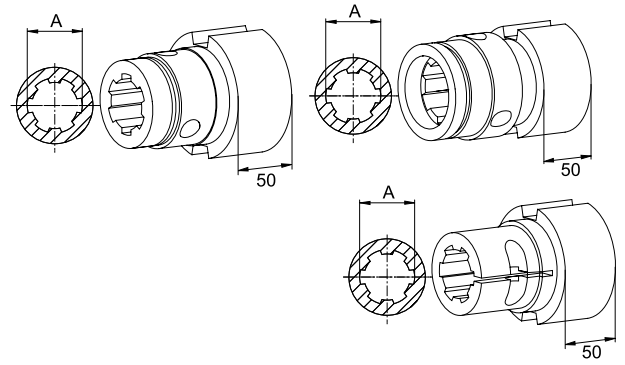
EK97/4 (FRICTION OVERRUNNING CLUTCHES) INDIVIDUAL PARTS

Pos.	Designation	TK ¹⁾ [mm]	Technical data	Standard	Drawing No.	Part No.
1	EK97/4 Clutch housing	138	12xM12		56.49.02	1112182
2	Flange yokes Series W and P (Power Drive)					see page 44
3	FK96/4 Hubs					see page 164
4	Carrier		Right-hand rotation		58.60.106	1112180
5	Ring		84,4x92,4x8		16.52.06	1367718
6	Friction disk		120x185x3		56.73.11	1176985
7	Key		13x7x49,5		16.50.25	1331737
8	Leaf spring		48x5		66.19.00	1332185
9	Retaining ring		72x2,5	DIN 472	62.14.01	1702100
10	Supporting ring		56x72	DIN 988	16.20.67	1304235
11	Supporting ring		60x72	DIN 988	16.20.160	1353203
12	Drive plate				56.44.03	1176992
13	Drive plate				56.44.02	1176991
14	Spring sets for all K97/4 clutches					see page 159
15	Setting ring				56.46.00	1177003
16	Sealing ring		80x59x6		68.18.03	1170012
17	Locking mechanism for yokes & clutches					see page 75
18	Lock washer		A12	DIN 127	60.83.02	1178115
19	Hexagon screw		M12 x 30	DIN 933	60.06.53	1178119

1) TK = pitch circle diameter

3. CLUTCHES

3.4. FRICTION CLUTCHES

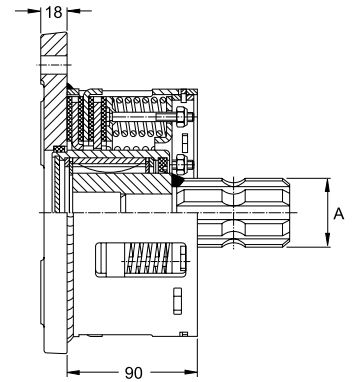


FK96/4 HUBS

Type	A [Profile]	Style	Drawing No.	Part No.
FK96/4	1 3/8" (6)	CC	56.19.63	1197393
FK96/4	1 3/8" (21)	CC	56.19.72	1110061
FK96/4	1 3/4" (6)	CC	56.19.65	1101047
FK96/4	1 3/4" (20)	CC	56.19.70	1106504
FK96/4	1 3/4" (20)	ZS	56.19.177	1386316

3. CLUTCHES

3.4. FRICTION CLUTCHES



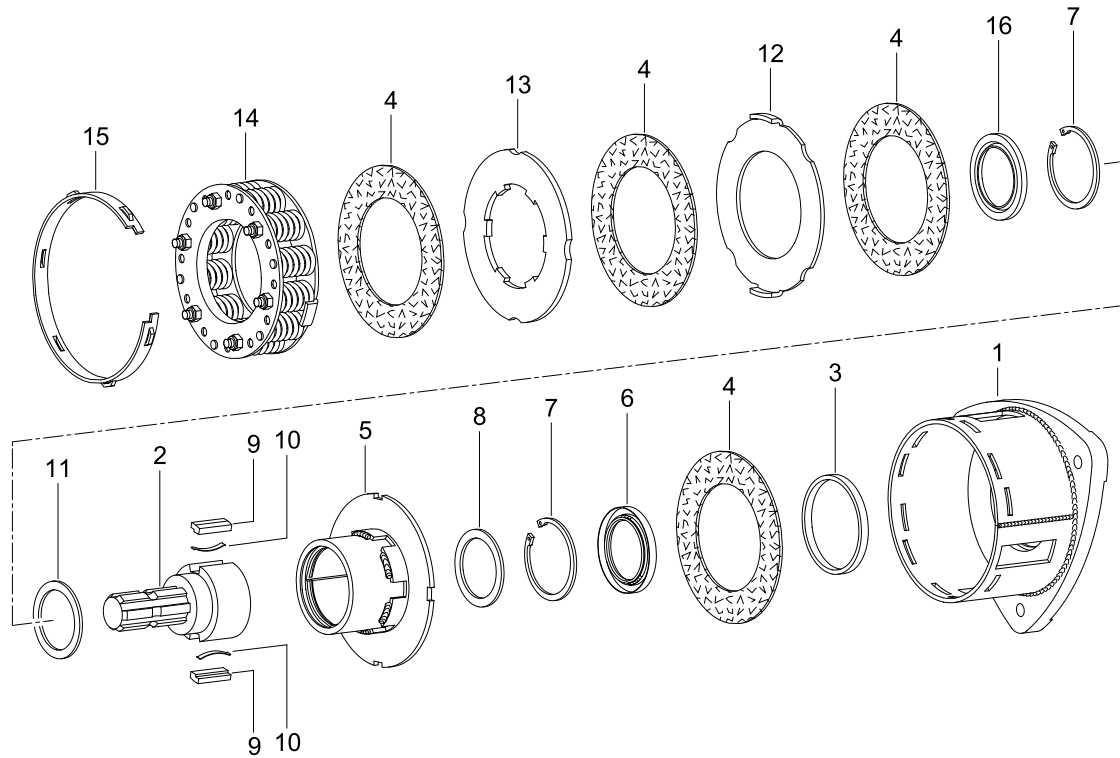
PFK97/4 (FRICTION OVERRUNNING CLUTCHES)

Type of construction	TK ¹⁾	Technical data	A	M	Drawing No.	Part No.
	[mm]		[Profile]	[daNm]		
PFK97/4R	240	3xØ13	1 3/4" (6)	135	58.106.56	1118667
PFK97/4R	240	3xØ13	1 3/4" (6)	155	58.106.56	1114227
PFK97/4R	260	3xØ13	1 3/4" (6)	155	58.102.56	1108894
PFK97/4R	340	3xØ13	1 3/4" (6)	155	58.107.56	1120910

1) TK = pitch circle diameter

3. CLUTCHES

3.4. FRICTION CLUTCHES



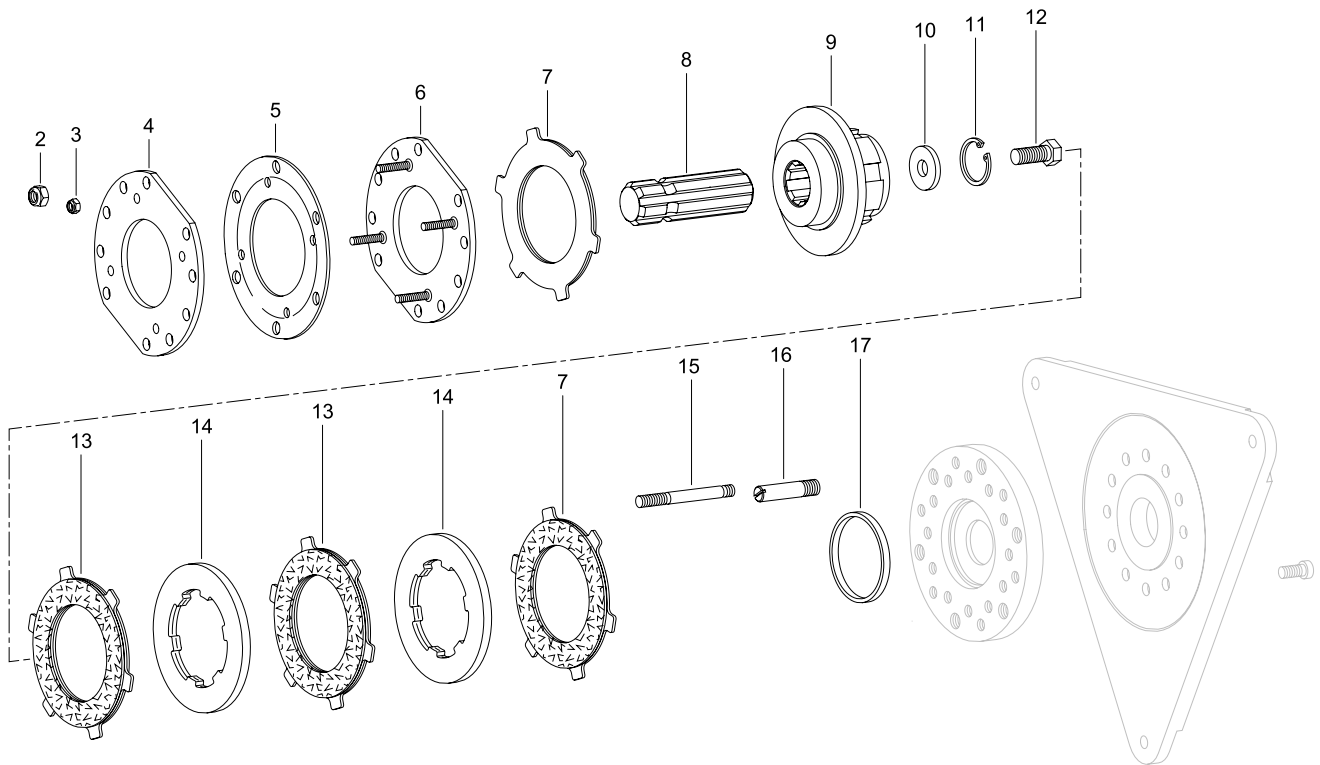
PFK97/4 (FRICTION OVERRUNNING CLUTCHES) INDIVIDUAL PARTS

Pos.	Designation	TK ¹⁾ [mm]	Technical data	Standard	Drawing No.	Part No.
1	PFK97/4 Clutch housing	260	3xØ13		56.49.102	1108868
1	PFK97/4 Clutch housing	240	3xØ13		56.49.104	1118668
1	PFK97/4 Clutch housing	340	3xØ13		56.49.105	1120907
2	PFK97/4 Hub		1 3/4" (6) V		56.19.216	1108870
3	Ring		84,4x92,4x8		16.52.06	1367718
4	Friction disk		120x185x3		56.73.11	1176985
5	Carrier		Right-hand rotation		58.60.55	1178308
6	Sealing ring		55x50x8		68.09.02	1175048
7	Retaining ring		72x2,5	DIN 472	62.14.01	1702100
8	Supporting ring		by 1 3/8": 56x72	DIN 988	16.20.67	1304235
9	Key		13x7x61,5		16.50.43	1377190
10	Leaf spring		48x5		66.19.00	1332185
11	Supporting ring		bei 1 3/4": 60x72	DIN 988	16.20.160	1353203
12	Drive plate				56.44.03	1176992
13	Drive plate				56.44.02	1176991
14	Spring sets for all K97/4 clutches					see page 159
15	Setting ring				56.46.00	1177003
16	Sealing ring		80x59x6		68.18.03	1170012

1) TK = pitch circle diameter

3. CLUTCHES

3.4. FRICTION CLUTCHES

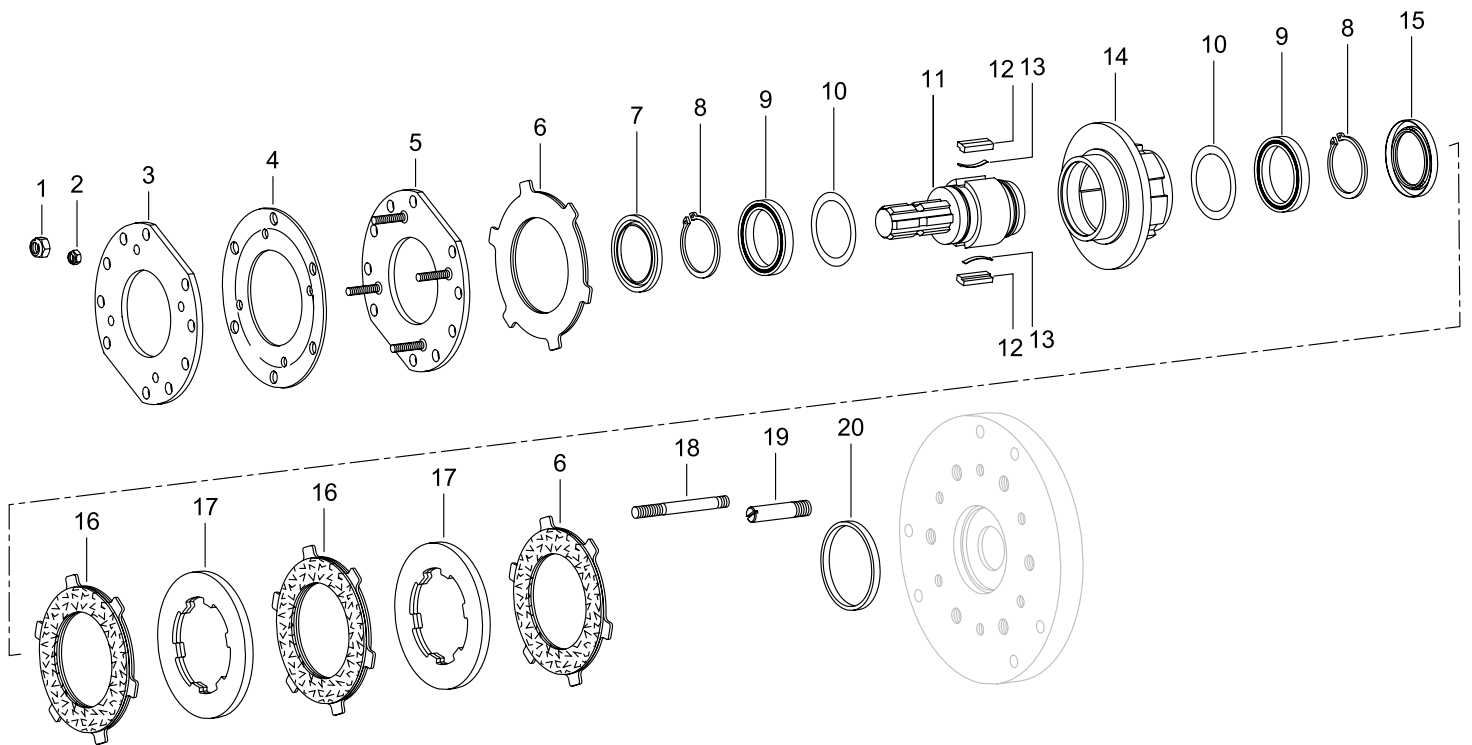


EK926M INDIVIDUAL PARTS

Pos.	Designation	Technical data	Drawing No.	Designation
2	Self-locking hexagon nut	M12	60.53.03	1010490
3	Self-locking hexagon nut	M8	60.51.01	1020575
4	Drive plate K90/40	189x91x7	56.93.04	1393176
5	Belleville spring	187x100x3,5	66.12.02	1125545
6	Drive plate K90/4T		56.93.03	1393175
7	Friction disc K900		56.73.104	1135592
8	Profile shaft	KWP1 3/4-6V L=140	67.52.131	1137884
9	K926 Hub	KNP1 3/4-6	56.96.43	1147259
10	Washer	17x45x6		1137885
11	Retaining ring	45x2	62.20.01	1172770
12	Hexagon screw	M16x35		1137889
13	Friction disc K900		56.73.105	1135631
14	Drive plate K900		56.96.00	1134734
15	Stud bolt	M12x100-10.9 DIN939	60.06.13	1135586
16	Set screw	M16x70-14H	60.06.14	1135587
17	Ring	84x92x8	16.52.06	1367718

3. CLUTCHES

3.4. FRICTION CLUTCHES

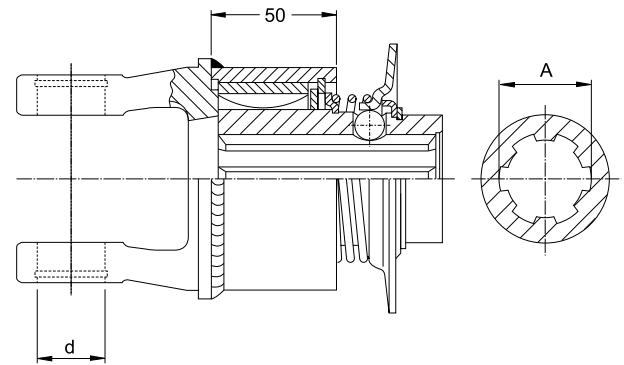


EFBK926MR INDIVIDUAL PARTS

Pos.	Designation	Technical data	Drawing No.	Designation
1	Self-locking hexagon nut	M12	60.53.03	1010490
2	Self-locking hexagon nut	M8	60.51.01	1020575
3	Drive plate K90/40	189x91x7	56.93.04	1393176
4	Belleville spring	187x100x3,5	66.12.02	1125545
5	Drive plate K90/4T		56.93.03	1393175
6	Friction disc K900		56.73.104	1135592
7	Sealing ring	80x59x6	68.18.03	1170012
8	Retaining ring	60x2	62.35.01	1702061
9	Deep groove ball bearing	618X12	64.10.07	1304119
10	Adjusting washer	60,1x77x0,5	16.20.50	1332184
11	PFBK96 Hub	KWP1 3/4-6H	56.19.313	1147253
12	Key	13x7x38	16.50.35	1348133
13	Leaf spring	36x5	66.19.01	1348132
14		L85,5	56.96.31	1135743
15	Sealing ring	55x50x8	68.09.02	1175048
16	Friction disc K900		56.73.105	1135631
17	Drive plate K900		56.96.00	1134734
18	Stud bolt	M12x100-10.9 DIN939	60.06.13	1135586
19	Set screw	M16x70-14H	60.06.14	1135587
20	Ring	84x92x8	16.52.06	1367718

3. CLUTCHES

3.5. OVERRUNNING CLUTCHES



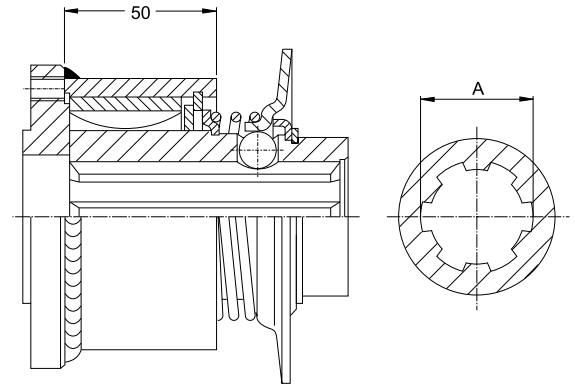
F5/1

Type of construction	Size	d	A	L	Style	Drawing No.	Part No.
		[mm]	[Profile]	[mm]			
F5/1R	2100	22	1 3/8" (6)		ZV	56.147.40	1366889
F5/1L	2100	22	1 3/8" (6)		ZV	56.148.40	1366890
F5/1R	2200	24	1 3/8" (6)		ZV	56.140.40	1366589
F5/1R	2200	24	1 3/8" (21)		ZV	56.153.40	1366895
F5/1L	2200	24	1 3/8" (6)		ZV	56.142.40	1366773
F5/1R	2300	27	1 3/8" (6)	148	ZV	56.191.40	1172630
F5/1R	2300	27	1 3/8" (6)		ZV	56.141.40	1366750
F5/1R	2300	27	1 3/8" (21)		ZV	56.157.40	1366899
F5/1L	2300	27	1 3/8" (6)	148	ZV	56.216.40	1197542*
F5/1L	2300	27	1 3/8" (6)		ZV	56.143.40	1367099
F5/1L	2300	27	1 3/8" (21)		ZV	56.158.40	1367680
F5/1R	2400	32	1 3/8" (6)	156	ZV	56.196.40	1171535*
F5/1R	2400	32	1 3/8" (6)		ZV	56.144.40	1367095
F5/1R	2400	32	1 3/8" (6)		KB	56.172.40	1367694
F5/1R	2400	32	1 3/8" (21)		ZV	56.163.40	1367685
F5/1R	2400	32	1 3/4" (6)		KB	56.165.40	1367687
F5/1R	2400	32	1 3/4" (6)		AS	56.192.40	1172748
F5/1R	2400	32	1 3/4" (20)		KB	56.167.40	1367689
F5/1L	2400	32	1 3/8" (6)		KB	56.189.40	1172706
F5/1L	2400	32	1 3/8" (6)	156	ZV	56.210.40	1188956
F5/1L	2400	32	1 3/8" (6)		ZV	56.137.40	1365660
F5/1L	2400	32	1 3/8" (21)		ZV	56.164.40	1367686
F5/1L	2400	32	1 3/4" (6)		KB	56.166.40	1367688
F5/1R	2500	36	1 3/8" (6)	165	ZV	56.104.40	1350867
F5/1R	2500	36	1 3/8" (21)	165	ZV	56.107.40	1351762
F5/1R	2500	36	1 3/4" (6)	180	AS	56.239.40	1112225
F5/1R	2500	36	1 3/4" (6)	172	KB	56.119.40	1365421
F5/1R	2500	36	1 3/4" (20)	172	KB	56.120.40	1365422
F5/1L	2500	36	1 3/8" (6)		KB		1138101
F5/1L	2500	36	1 3/8" (6)	165	ZV	56.108.40	1352539
F5/1L	2500	36	1 3/4" (6)	171	KB	56.214.40	1190341

1) Overtightened bolt

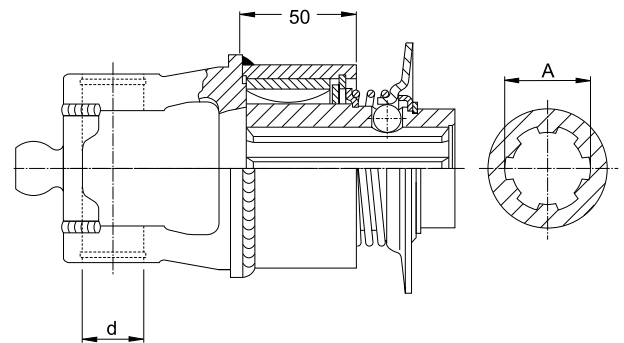
3. CLUTCHES

3.5. OVERRUNNING CLUTCHES



EF5/1

Type of construction	TK	A	Style	Technical data	Drawing No.	Part No.
	[mm]	[Profile]				
EF5/1R	101,5	1 3/8" (6)	ZV	8xM8	56.126.40	1358534
EF5/1L	101,5	1 3/8" (6)	ZV	8xM8	56.127.40	1358535



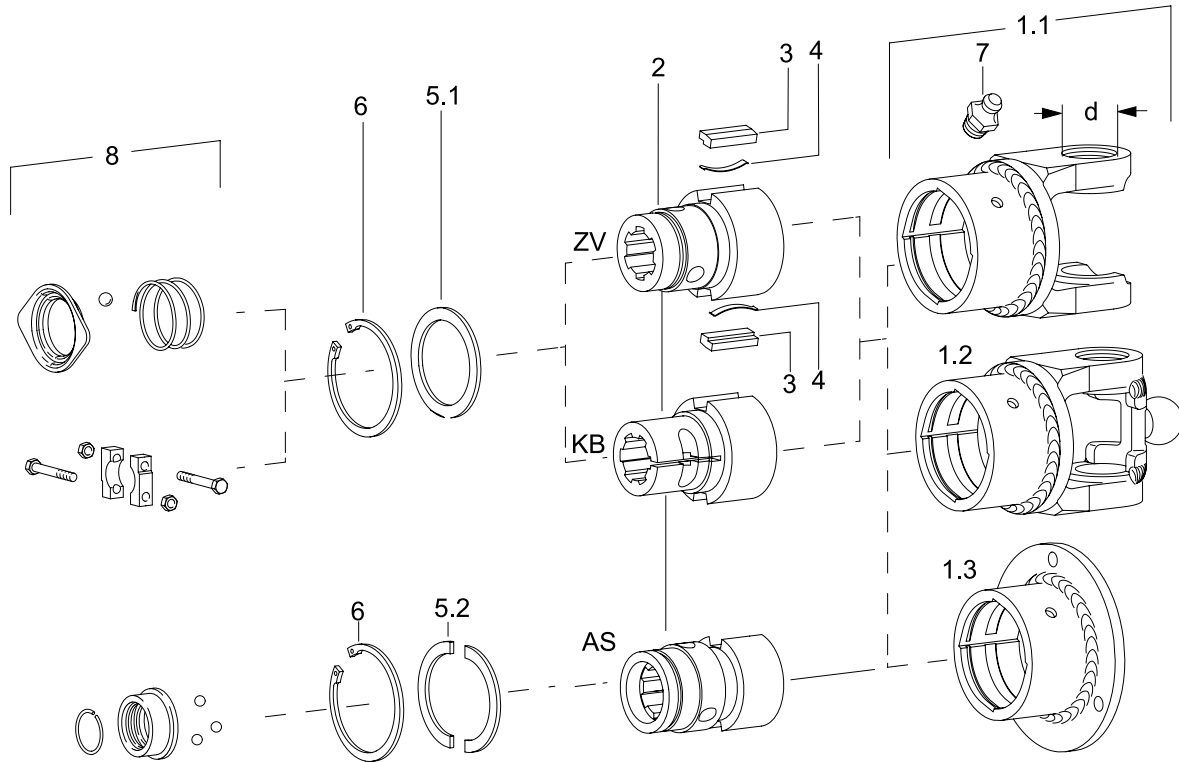
F5/1 FOR WIDE ANGLE JOINTS 80° SERIES W

with slide collar

Type of construction	Size	d	A	Style	Drawing No.	Part No.
		[mm]	[Profile]			
F5/1R	2280	24	1 3/8" (6)	ZV	56.179.40	1163745
F5/1R	2380	27	1 3/8" (6)	ZV	56.244.40	1112418
F5/1L	2380	27	1 3/8" (6)	ZV	56.218.40	1199668
F5/1R	2480	32	1 3/8" (6)	ZV	56.132.40	1363042
F5/1R	2580	36	1 3/8" (6)	ZV	56.123.40	1357734

3. CLUTCHES

3.5. OVERRUNNING CLUTCHES



F5/1 AND EF5/1 INDIVIDUAL PARTS

Pos.	Designation	Size	d	TK ¹⁾	L	Technical data	Standard	Drawing No.	Part No.
			[mm]	[mm]	[mm]				
1.1	F5/1R Clutch housing	2100	22					55.10.38	1365743
1.1	F5/1L Clutch housing	2100	22					55.10.39	1365744
1.1	F5/1R Clutch housing	2200	24					20.31.44	1365732
1.1	F5/1L Clutch housing	2200	24					20.31.45	1365733
1.1	F5/1L Clutch housing	2300	27					21.31.60 +	1365734
1.1	F5/1R Clutch housing	2300	27					21.31.56 +	1365415
1.1	F5/1R Clutch housing	2400	32					35.31.53 +	1365416
1.1	F5/1L Clutch housing	2400	32					35.31.54 +	1365418
1.1	F5/1R Clutch housing	2500	36					36.31.26 +	1350866
1.1	F5/1L Clutch housing	2500	36					36.31.27 +	1352540
1.2	F5/1R Clutch housing	2280	24					20.31.846	1163754
1.2	F5/1L Clutch housing	2380	27					21.31.881	1199646
1.2	F5/1R Clutch housing	2380	27		107	Housing with 4 grooves		21.31.882	1115076
1.2	F5/1R Clutch housing	2480	32					35.31.58 +	1363041
1.2	F5/1R Clutch housing	2580	36			ZSG*		36.31.141+	1110277
1.3	EF5/1R Clutch housing			101,5		8xM8		56.20.105	1361162
1.3	EF5/1L Clutch housing			101,5		8xM8		56.20.106	1361163
2	F5/1 Hubs								see page 172
3	Key					13x7x38		16.50.35	1348133
4	Leaf spring					36x5		66.19.01	1348132
5.1	Supporting ring					56x72	DIN 988	16.20.67	1304235
5.2	Supporting disc set					59,8x72x3		16.20.170	1152164

1) TK = pitch circle diameter

*) ZSG = central lubrication

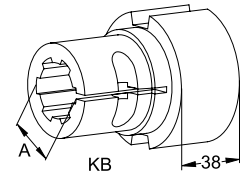
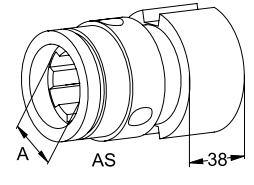
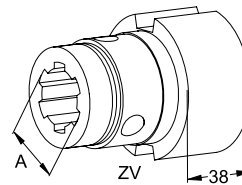
3. CLUTCHES

3.5. OVERRUNNING CLUTCHES

Pos.	Designation	Size	d [mm]	TK ¹⁾ [mm]	L [mm]	Technical data	Standard	Drawing No.	Part No.
6	Retaining ring					72x2,5	DIN 472	62.14.01	1702100
7	Zerk					M8.2x1		63.12.05	1173062
8	Locking mechanism for yokes & clutches								see page 75

1) TK = pitch circle diameter

*) ZSG = central lubrication

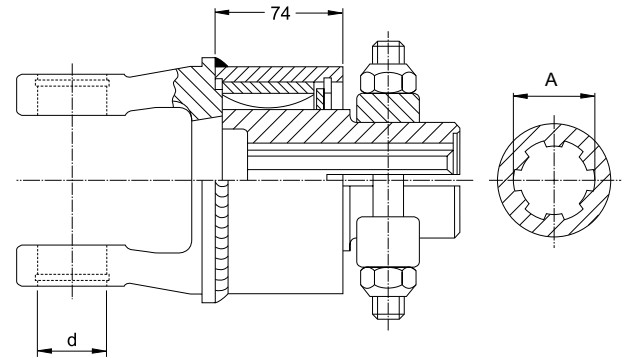


F5/1 HUBS

Type	A [Profile]	Style	Drawing No.	Part No.
F5/1	1 1/8" (6)	ZV	56.19.20	1368041
F5/1	1 3/8" (6)	KB	56.19.14	1352547
F5/1	1 3/8" (6)	ZV	56.19.12	1348134
F5/1	1 3/8" (6)	SPB8	56.19.191	1186308
F5/1	1 3/8" (21)	KB	56.19.16	1365359
F5/1	1 3/8" (21)	ZV	56.19.13	1351796
F5/1	1 3/4" (6)	AS	56.19.17	1365360
F5/1	1 3/4" (6)	KB	56.19.15	1356044
F5/1	1 3/4" (20)	AS	56.19.18	1365361
F5/1	1 3/4" (20)	KB	56.19.19	1381759
F5/1	30H8	M12	56.19.161	1168706
F5/1	35H7	M12	56.19.136	1377559
F5/1	40H8	M12	56.19.236	1119120

3. CLUTCHES

3.5. OVERRUNNING CLUTCHES

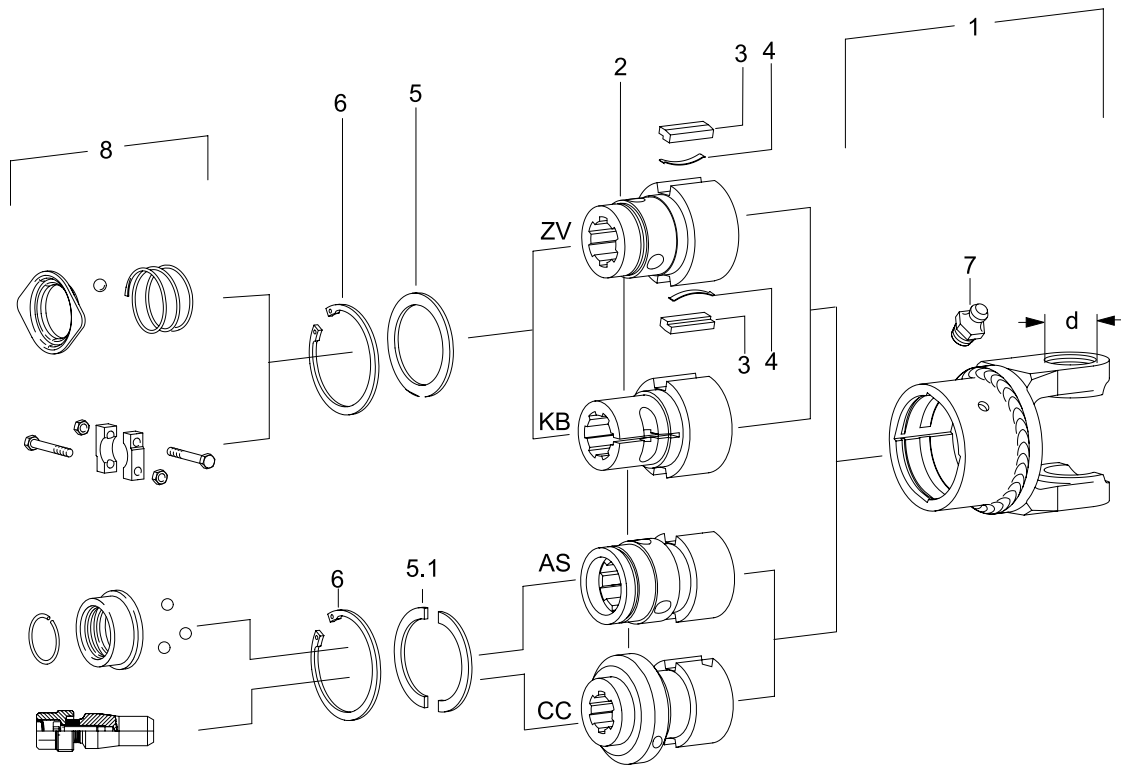


F5/2

Type of construction	Size	d	A	Style	Drawing No.	Part No.
		[mm]	[Profile]			
F5/2R	2500	36	1 3/8" (6)	CC	56.157.41	1112400
F5/2R	2500	36	1 3/8" (6)	ZV	56.114.41	1172685
F5/2R	2500	36	1 3/8" (21)	ZV	56.115.41	1172686
F5/2R	2500	36	1 3/4" (6)H	CC	56.158.41	1112309
F5/2R	2500	36	1 3/4" (20)H	CC	56.145.41	1196670
F5/2L	2500	36	1 3/8" (6)	KB	56.120.41	1172691
F5/2L	2500	36	1 3/4" (6)	KB	56.122.41	1172693
F5/2L	2500	36	1 3/4" (20)	KB	56.123.41	1172701
F5/2R	2600	42	1 3/8" (6)	CC	56.149.41	1104264
F5/2R	2600	42	1 3/8" (6)	ZV	56.148.41	1196528
F5/2R	2600	42	1 3/8" (21)	ZV	56.124.41	1172694
F5/2R	2600	42	1 3/4" (6)H	CC	56.152.41	1106281
F5/2R	2600	42	1 3/4" (20)H	CC	56.151.41	1106127
F5/2L	2600	42	1 3/4" (6)	KB	56.102.41	1168316
F5/2R	2700	50	1 3/4" (20)H	CC	56.155.41	1109769

3. CLUTCHES

3.5. OVERRUNNING CLUTCHES

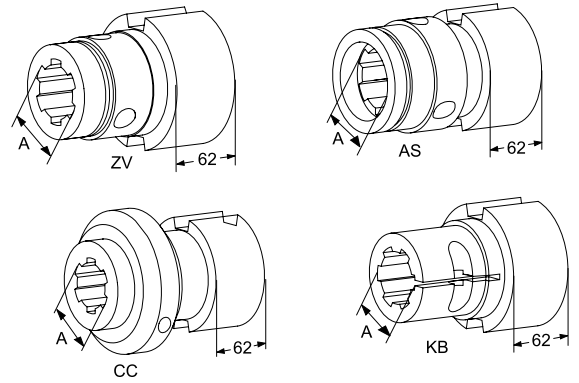


F5/2 INDIVIDUAL PARTS

Pos.	Designation	Size	d	Technical data	Standard	Drawing No.	Part No.
			[mm]				
1	F5/2R Clutch housing	2500	36			36.31.35 +	1168043
1	F5/2L Clutch housing	2500	36			36.31.36 +	1168044
1	F5/2R Clutch housing	2600	42			26.31.26 +	1383913
1	F5/2L Clutch housing	2600	42			26.31.27 +	1168045
1	F5/2R Clutch housing	2700	50			27.31.26 +	1168330
1	F5/2R Clutch housing	2580	36			36.31.55 +	1170542
2	F5/2 Hubs						see page 175
3	Key			13x7x61,5		16.50.43	1377190
4	Leaf spring			48x5		66.19.00	1332185
5	Supporting ring			56x72	DIN 988	16.20.67	1304235
5	Supporting ring			60x72	DIN 988	16.20.160	1353203
5.1	Supporting disc set			59,8x72x3		16.20.170	1152164
6	Retaining ring			72x2,5	DIN 472	62.14.01	1702100
7	Zerk			M8.2x1		63.12.05	1173062
8	Locking mechanism for yokes & clutches						see page 75

3. CLUTCHES

3.5. OVERRUNNING CLUTCHES

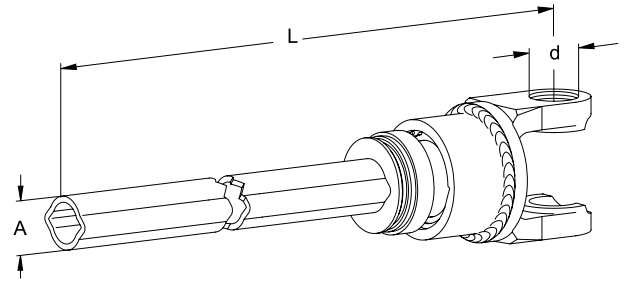


F5/2 HUBS

Type	A	Style	Drawing No.	Part No.
	[Profile]			
F5/2	1 3/8" (6)	KB	56.19.52	1178131
F5/2	1 3/8" (6)	ZV	56.19.27	1168048
F5/2	1 3/8" (21)	KB	56.19.31	1168052
F5/2	1 3/4" (6)	AS	56.19.29	1168050
F5/2	1 3/4" (6)	KB	56.19.53	1178132
F5/2	1 3/4" (6)	ZS	56.19.163	1172768
F5/2	1 3/4" (6)H	CC	56.19.69	1106280
F5/2	1 3/4" (20)	AS	56.19.30	1168051
F5/2	1 3/4" (20)	KB	56.19.32	1168053
F5/2	1 3/4" (20)H	CC	56.19.60	1196655

3. CLUTCHES

3.5. OVERRUNNING CLUTCHES



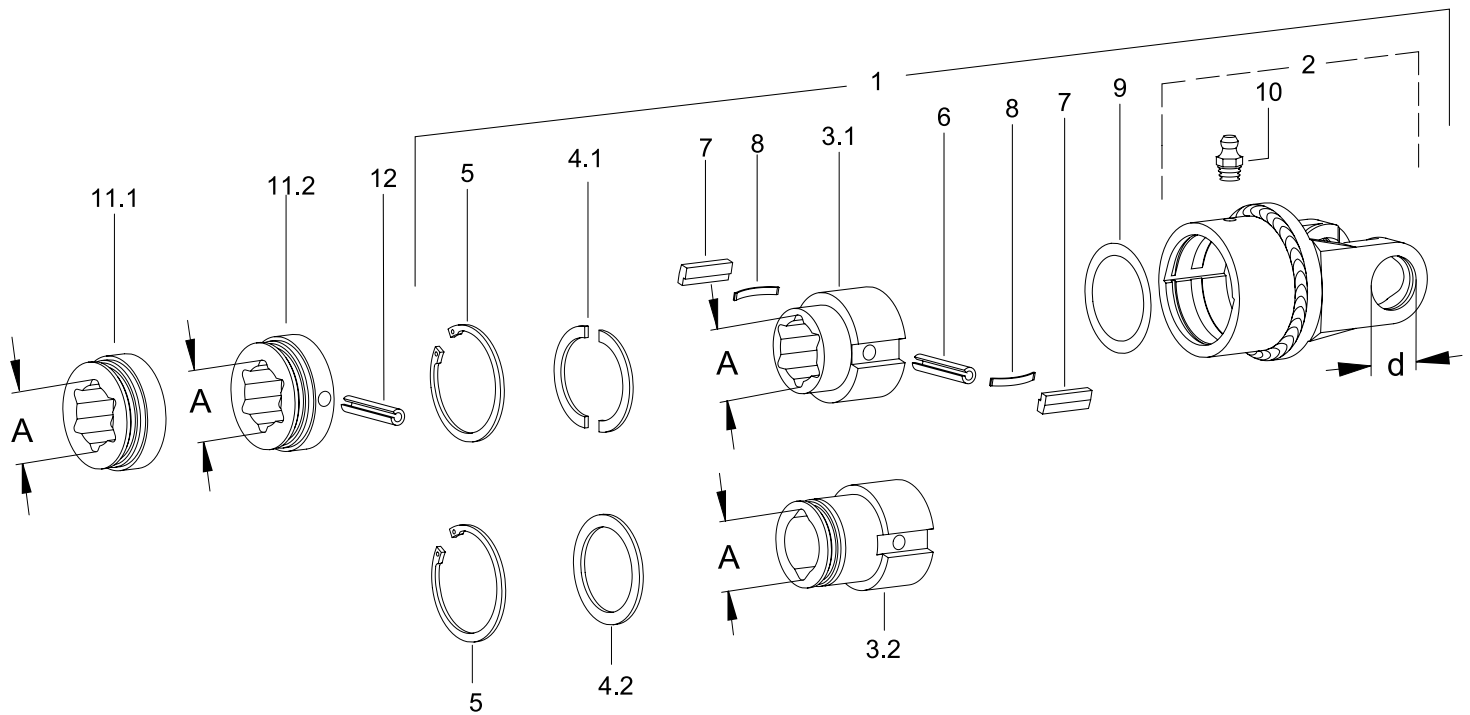
JF5/12

JF5/1 = 4 grooves in housing
 JF5/12 = 2 grooves in housing

Type of construction	Size	d [mm]	A [Profile]	L [mm]	Technical data	Part No.
JF5/12	2200	24	1	1200	Housing with 2 grooves	1696040
JF5/12	2200	24	1	1200	Housing with 2 grooves	1696041
JF5/12	2300	27	1b	1200	Housing with 2 grooves	1696042
JF5/12	2300	27	0v	1200	Housing with 2 grooves	1696043
JF5/12	2300	27	1	1200	Housing with 2 grooves	1696044
JF5/1	2380	27	1G	1200	Housing with 4 grooves	1696045
JF5/12	2400	32	1b	1200	Housing with 2 grooves	1696046
JF5/12	2400	32	1BGA	1200	Housing with 2 grooves	1696047
JF5/12	2500	36	S4H	1200	Housing with 2 grooves	1696048
JF5/1	2580	36	S4H	1200	Housing with 4 grooves	1696049

3. CLUTCHES

3.5. OVERRUNNING CLUTCHES



JF5/12 INDIVIDUAL PARTS

Pos.	Designation	Size	d [mm]	A [Profile]	Technical data	Standard	L [mm]	Drawing No.	Part No.
2	F5/12L Clutch housing	2200	24				97	20.31.130	1389097
2	F5/12R Clutch housing	2200	24				97	20.31.129	1189211
2	F5/12L Clutch housing	2300	27				107	21.31.62+	1163829
2	F5/12R Clutch housing	2300	27				107	21.31.61+	1379586
2	F5/1R Clutch housing	2380	27		Housing with 4 grooves		107	21.31.882	1115076
2	F5/12R Clutch housing	2400	32				115	35.31.127+	1364234
2	F5/1R Clutch housing	2400	32		Housing with 4 grooves		115	35.31.27+	1348136
2	F5/12R Clutch housing	2500	36				124	36.31.123+	1364235
2	F5/1R Clutch housing	2580	36		Housing with 4 grooves		124	36.31.141+	1136986
2	F5/12L Clutch housing	2400	32					35.31.129+	1165872
3.1	JF5/1 Hub			1G			85	56.19.155	1383185
3.1	JF5/1 Hub			1b/1bGA			60	56.19.120	1364232
3.1	JF5/1 Hub			S4H			60	56.19.121	1364263
3.2	JF5/1 Hub			0v			85	56.19.212	1104989
4.1	Supporting disc set				59,8x72x3			16.20.170	1152164
4.1	Supporting ring				56x72	DIN 988		16.20.67	1304235
4.2	Supporting ring				60x72	DIN 988		16.20.160	1353203
5	Retaining ring				72x2,5	DIN 472		62.14.01	1702100
6	Clamping pins				10x55	ISO8752	55	61.05.02	1020612
7	Key				13x7x38			16.50.35	1348133
8	Leaf spring				36x5			66.19.01	1348132
9	Shim ring set				56x72				1116141
10	Zerk				KE A M8x1			63.12.01	1020672

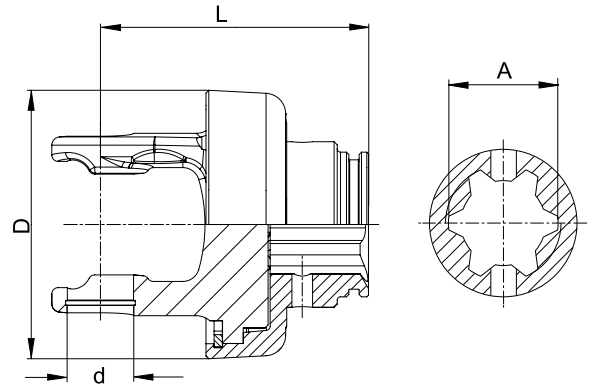
3. CLUTCHES

3.5. OVERRUNNING CLUTCHES

Pos.	Designation	Size	d [mm]	A [Profile]	Technical data	Standard	L [mm]	Drawing No.	Part No.
11	SC Bearing rings			1b	SC25		30	16.50.107	1044481
11	SC Bearing rings			S4	SC25		30	16.50.519	1194841
12	Clamping pins				8x75	ISO8752	75	61.04.06	1020606

3. CLUTCHES

3.6. ROTARY CLEARANCE CLUTCH

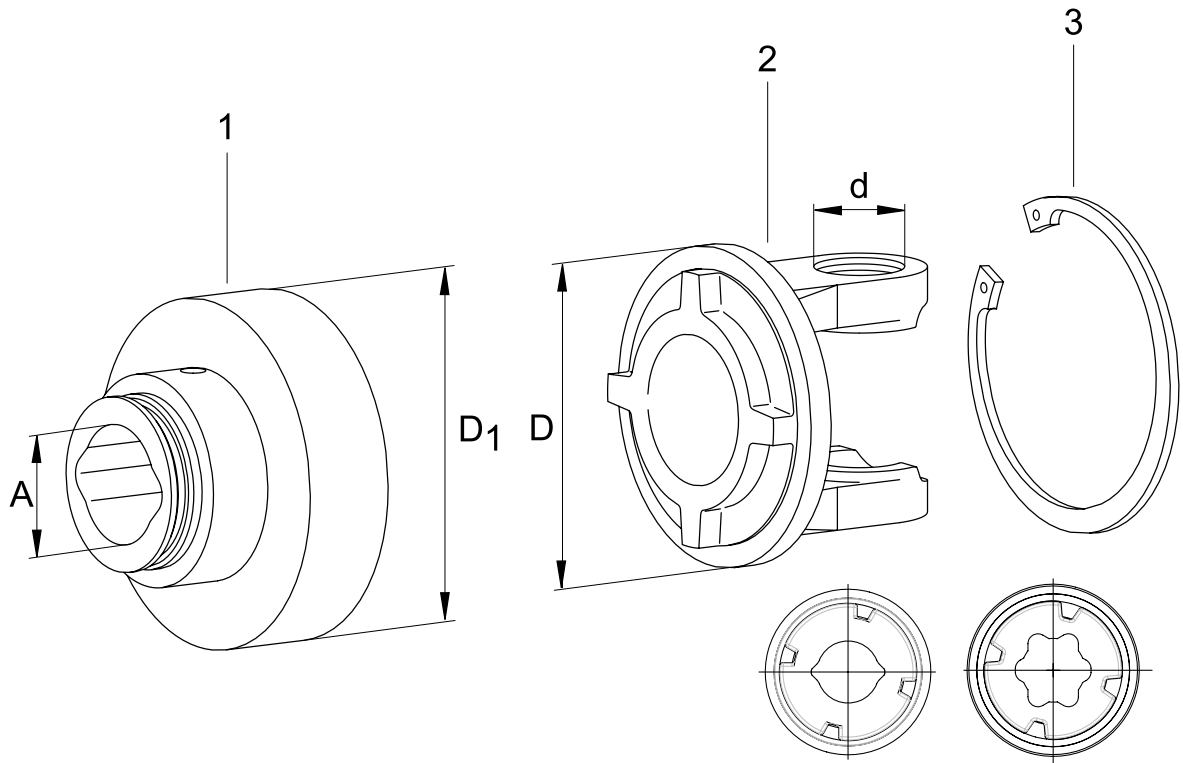


IFM/L

Type	Size	d	A	D	L	Running groove	Drawing No.	Part No.
		[mm]	[Profile]	[mm]	[mm]			
IFM/L	2200	24	1	130	93.7	SC25	56.114.45	1139561
IFM/L	2400	32	S5	130	129.5	SC25	56.113.45	1139409
IFM/L	2400	32	S5	130	129.5	SC25	56.115.45	1139903
IFM/L	2500	36	S5	140	135	SC25	56.116.45	1139917

3. CLUTCHES

3.6. ROTARY CLEARANCE CLUTCH

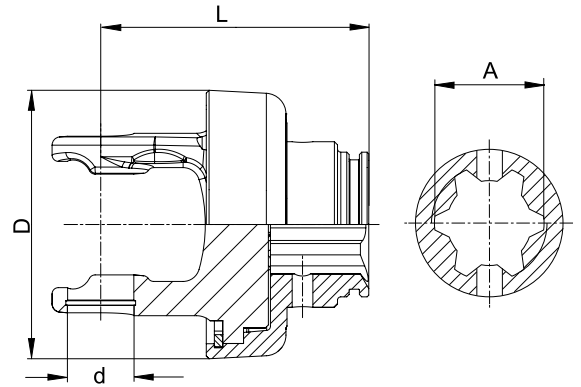


IFM/L INDIVIDUAL PARTS

Pos.	Designation	Size	d	Running groove	A	D1	D	Technical data	Standard	Drawing No.	Part No.
			[mm]		[Profile]	[mm]	[mm]				
1	IFM/L Hub	2200		SC15	1	127				56.19.298	1139562
1	IFM/L Hub	2400		SC25	S5	127				56.19.299	1139904
1	IFM/L Hub	2500		SC25	S5	127				56.19.310	1139918
2	Flange yoke	2200	24				98			20.80.14+	1136853
2	Flange yoke	2400 / P400	32				115	with boring		35.80.15+	1139055
2	Flange yoke	2500 / P500	36				128	with boring		36.80.15+	1139329
3	Retaining ring							100x4			1137966
3	Retaining ring							115x4	DIN 472	62.29.00	1021090
3	Retaining ring							128x4	DIN472		1139346

3. CLUTCHES

3.6. ROTARY CLEARANCE CLUTCH

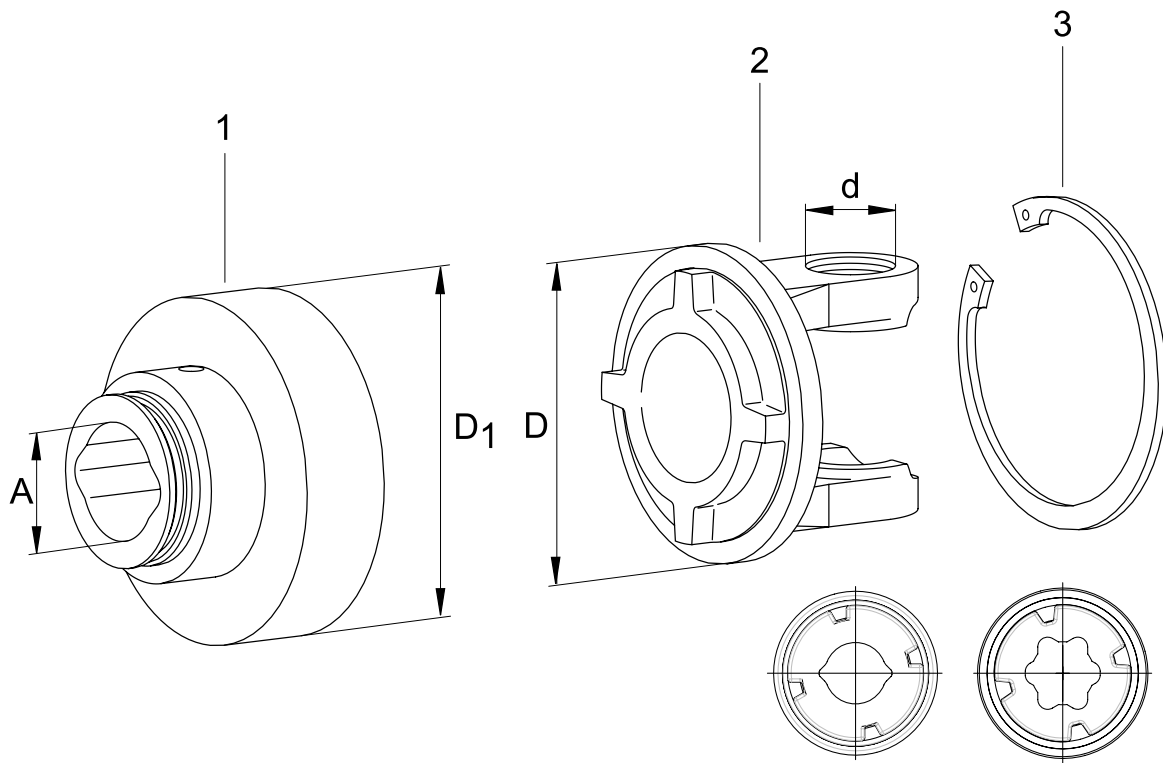


IFM/R

Type	Size	d	A	D	L	Running groove	Drawing No.	Part No.
		[mm]	[Profile]	[mm]	[mm]			
IFM/R	2200	24	1	130	93.5	SC15	56.100.45	1136852
IFM/R	2300	27	1	130	123	SC25	56.107.45	1139008
IFM/R	2300	27	2a	130	123	SC25	56.103.45	1137863
IFM/R	2400	32	2a	130	123	SC25	56.101.45	1137861
IFM/R	2400	32	S5	130	129.5	SC25	56.105.45	1139005
IFM/R	2400	32	ZNP 40x36 (20)	130	129	SC25	56.109.45	1139070
IFM/R	2400	32	S5	130	129.5	SC25	56.108.45	1396394
IFM/R	2500	36	S5	140	135	SC25	56.112.45	1139345
IFM/R	P300	27	2a	130	132	PG20	56.104.45	1137864
IFM/R	P400	32	2a	130	132	PG20	56.102.45	1137862
IFM/R	P400	32	S5	130	132	PG20	56.104.45	1139006

3. CLUTCHES

3.6. ROTARY CLEARANCE CLUTCH

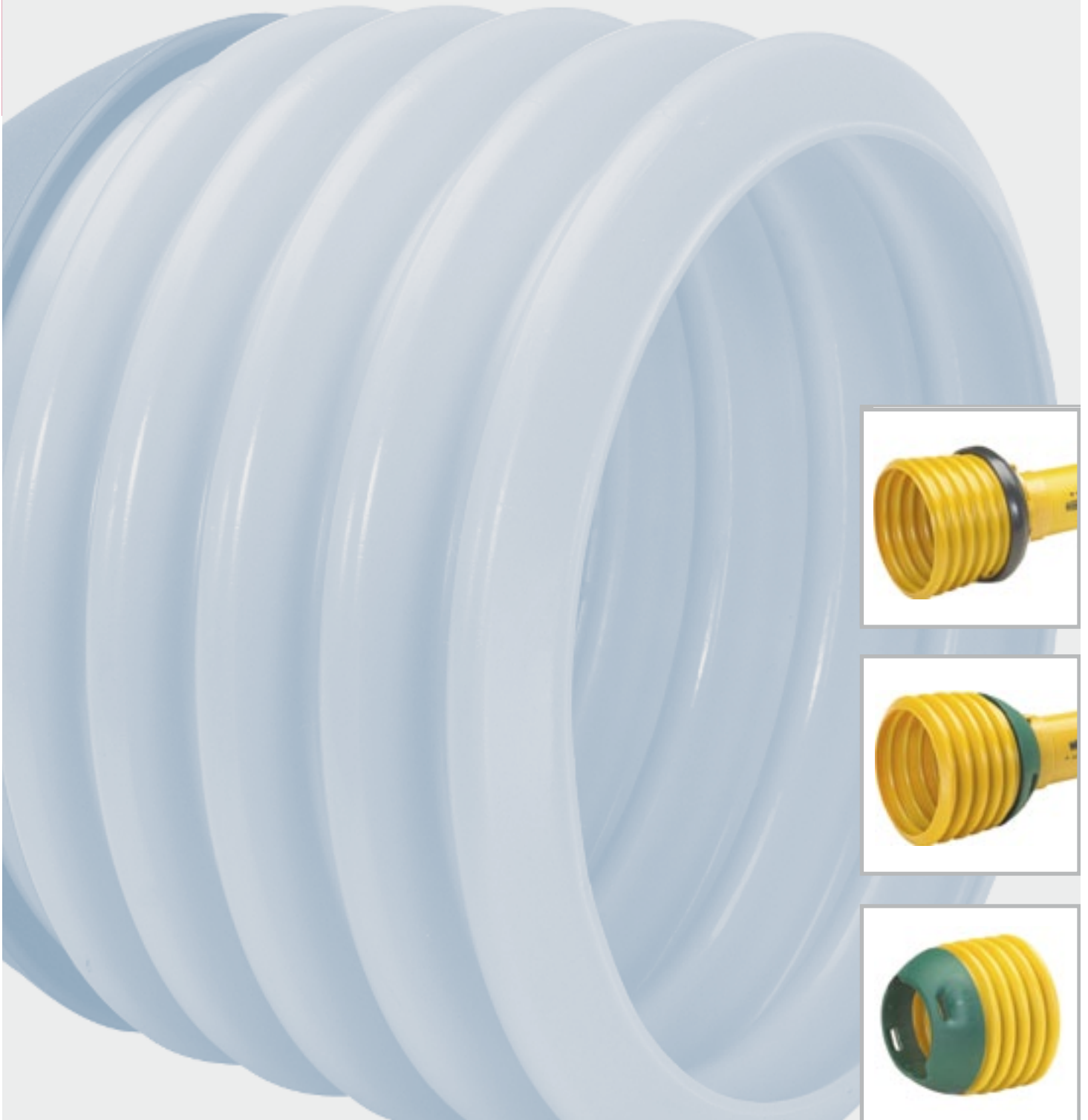


IFM/R INDIVIDUAL PARTS

Pos.	Designation	Size	d	Running groove	A	D1	D	Technical data	Standard	Drawing No.	Part No.
			[mm]		[Profile]	[mm]	[mm]				
1	IFM/R Hub	2200		SC15	1	110				56.19.275	1136854
1	IFM/R Hub	2400		SC25	2a	127				56.19.281	1137859
1	IFM/R Hub	2400		SC25	S5	127				56.19.284	1139003
1	IFM/R Hub	2400		SC25	40x36	127				56.19.288	1139072
1	IFM/R Hub	2500		SC25	S5	140				56.19.293	1139327
1	IFM/R Hub	P400		PG20	2a	127				56.19.282	1137860
1	IFM/R Hub	P400		PG20	S5	127				56.19.285	1139004
2	Flange yoke	2200	24				98			20.80.14+	1136853
2	Flange yoke	2300 / P300	27				115			21.80.14+	1137858
2	Flange yoke	2400 / P400	32				115			35.80.14+	1137857
2	Flange yoke	2400 / P400	32				115	with boring		35.80.15+	1139055
2	Flange yoke	2500 / P500	36				128	with boring		36.80.15+	1139329
3	Retaining ring							115x4	DIN 472	62.29.00	1021090
3	Retaining ring							128x4	DIN472		1139346

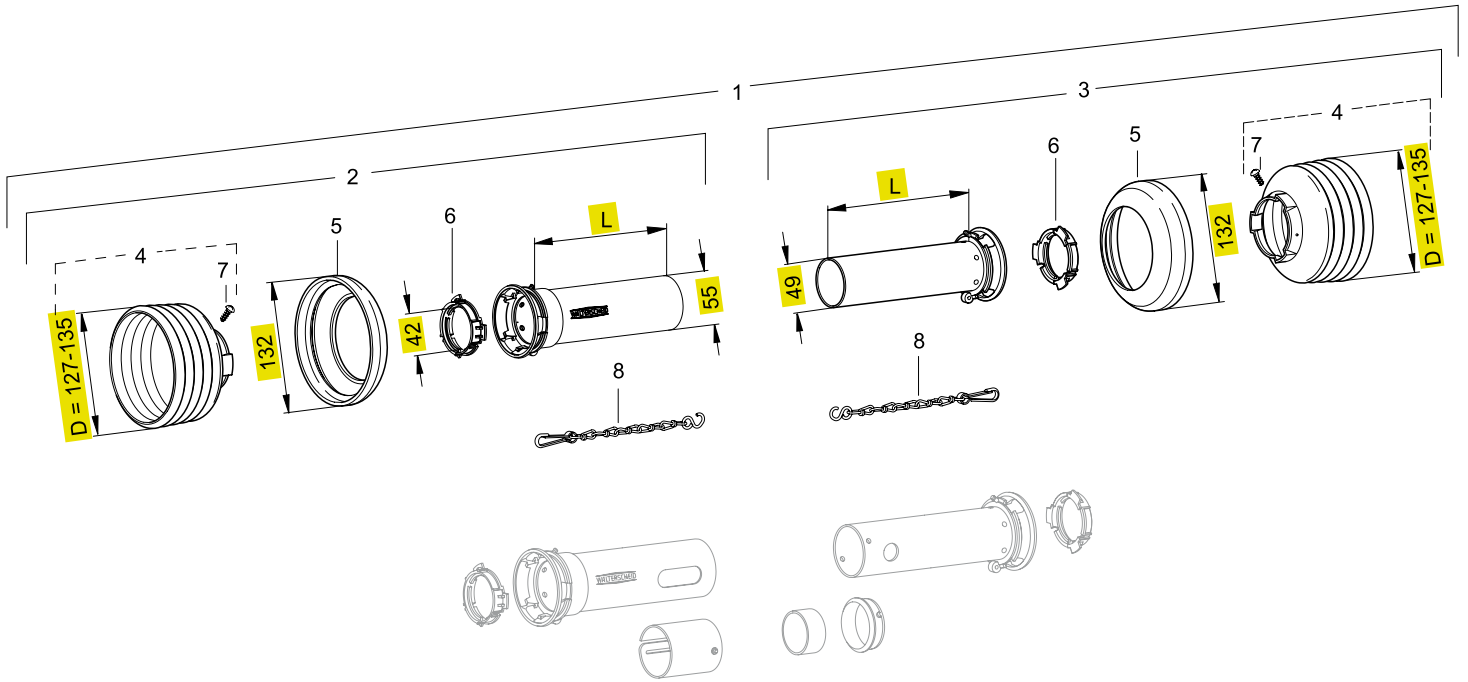
4. PTO DRIVE SHAFT GUARD

- 4.1. SD GUARD FOR TYPE **W**
- 4.2. PG GUARD FOR TYPE **P** (POWER DRIVE)
- 4.3. GUARD COMPONENTS



4. PTO DRIVE SHAFT GUARD

4.1. SD GUARD, W SERIES



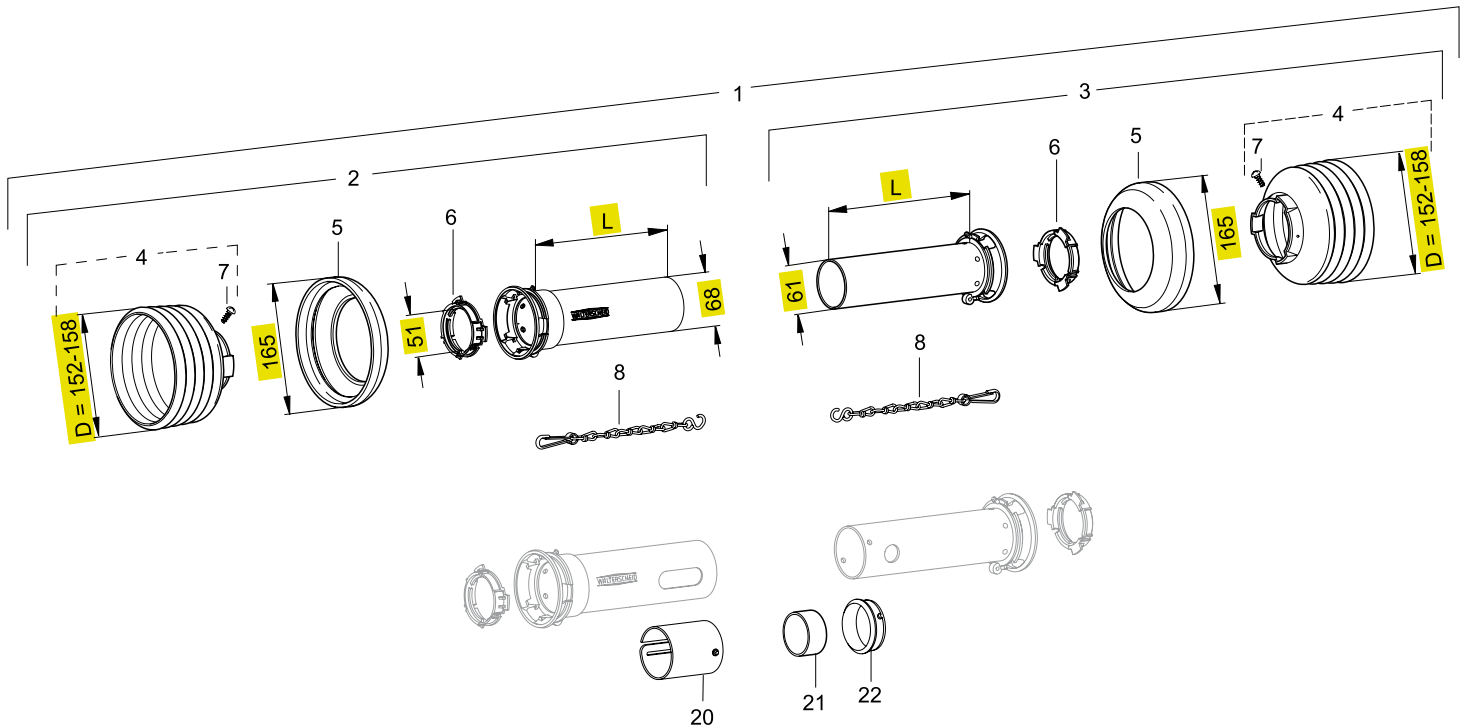
SD 05 GUARD FOR SIZE W2100

Pos.	Designation	Guards	D	n ¹⁾	L	Drawing No.	Part No.
			[mm]		[mm]		
1	Guard assembly	SD05	135	6	550	85.003	1368637
1	Guard assembly	SD05	135	6	1000	85.003	1368631
2	Outer guard half	SDH05	135	6	550	85.005	1368653
2	Outer guard half	SDH05	135	6	1000	85.005	1368641
2	Outer guard half	SDH05	135	6	1500	85.005	1368649
2	Outer guard half	SDH05	127	10	1000	85.005	1185511
3	Inner guard half	SDH05	135	6	550	85.004	1368652
3	Inner guard half	SDH05	135	6	1000	85.004	1368640
3	Inner guard half	SDH05	127	10	1000	85.004	1103849
4	Guard cone	SC05	135	6	104	85.05.06	1365259
4	Guard cone	SC05	127	10	163	85.05.10	1365263
5	SD supporting ring	SD05	132			83.10.03	1365884
6	Sliding ring	SD05				83.09.01	1359005
7	Screw for guard cones					60.15.00	1365305
8	Safety chain				400	82.36.03	1044321
8	Safety chain				600	82.36.08	1382078

1) n = number of ribs

4. PTO DRIVE SHAFT GUARD

4.1. SD GUARD, W SERIES



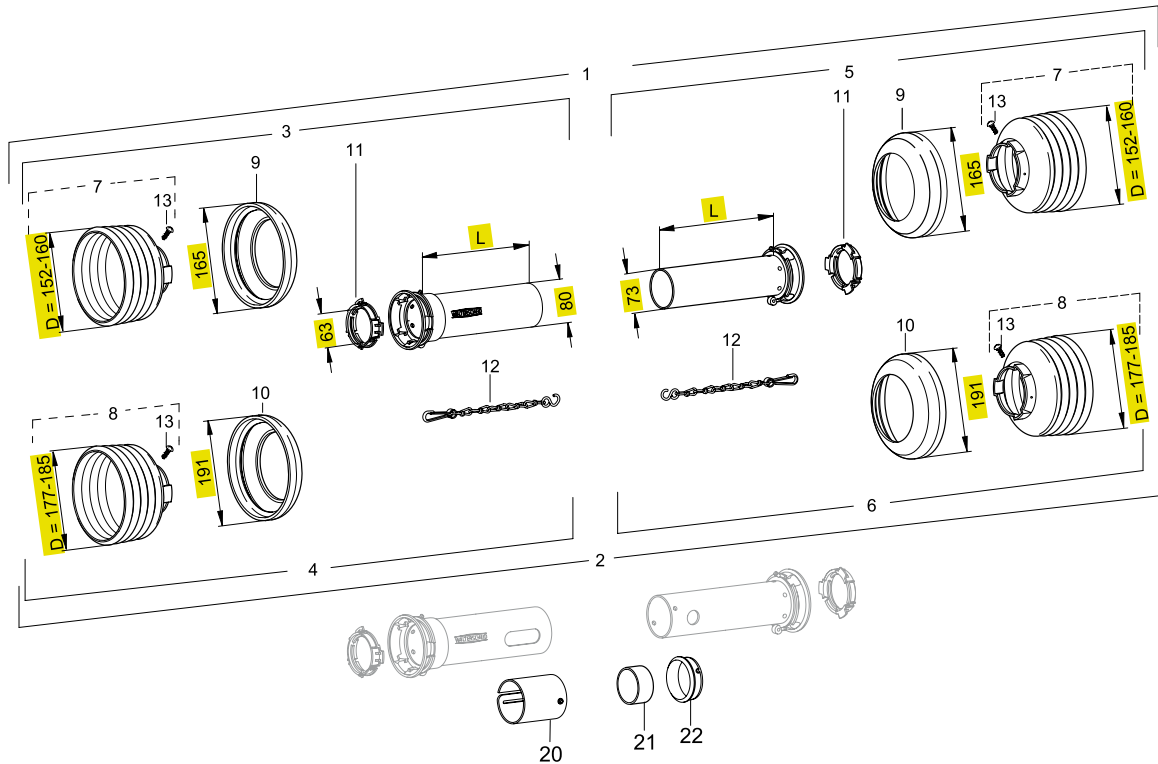
SD 15 GUARD FOR SIZE W2100 / 2200 / 2300

Pos.	Designation	Guards	D	n ¹⁾	L	Drawing No.	Part No.
			[mm]		[mm]		
1	Guard assembly	SD15	158	6	550	85.103	1368647
1	Guard assembly	SD15	158	6	1000	85.103	1368632
2	Outer guard half	SDH15	158	6	550	85.105	1368682
2	Outer guard half	SDH15	158	6	1000	85.105	1368642
2	Outer guard half	SDH15	158	6	1500	85.105	1368678
2	Outer guard half	SDH15	152	12	1000	85.105	1199914
3	Inner guard half	SDH15	158	6	550	85.104	1368681
3	Inner guard half	SDH15	158	6	1000	85.104	1368634
3	Inner guard half	SDH15	158	6	1500	85.104	1368677
3	Inner guard half	SDH15	152	12	1000	85.104	1187507
4	Guard cone	SC15	158	6	132	85.15.06	1365346
4	Guard cone	SC15	152	12	237	85.15.12	1365352
5	SD supporting ring	SD15/25	165			82.85.00	1359471
6	Sliding ring	SD15				82.83.06	1087279
7	Screw for guard cones					60.15.00	1365305
8	Safety chain				400	82.36.03	1044321
8	Safety chain				600	82.36.08	1382078
20	Lubrication hole covers	SD15				80.61.104	1186313
21	Supporting rings Z for intermediate bearing	SD15Z	51			16.20.74	1381621
22	Sliding rings Z for intermediate bearing	SD15Z	56			82.83.106	1355154

1) n = number of ribs

4. PTO DRIVE SHAFT GUARD

4.1. SD GUARD, W SERIES



SD 25 GUARD FOR SIZE W2300 /2400 /2500

Pos.	Designation	Guards	D	n ¹⁾	L	Drawing No.	Part No.
			[mm]		[mm]		
1	Guard assembly	SD25	160	7	550	85.203	1368505
1	Guard assembly	SD25	160	7	1000	85.203	1368509
2	Guard assembly	SD25	185	8	550	85.203	1375619
2	Guard assembly	SD25	185	8	1000	85.203	1375625
3	Outer guard half	SDH25	160	7	550	85.205	1368514
3	Outer guard half	SDH25	160	7	1000	85.205	1368518
3	Outer guard half	SDH25	160	7	1500	85.205	1368761
3	Outer guard half	SDH25	160	12	1000	85.205	1105171
4	Outer guard half	SDH25	185	8	550	85.205	1375621
4	Outer guard half	SDH25	185	8	1000	85.205	1375627
4	Outer guard half	SDH25	185	8	1500	85.205	1375633
4	Outer guard half	SDH25	177	12	1000		1116750
5	Inner guard half	SDH25	160	7	550	85.204	1368508
5	Inner guard half	SDH25	160	7	1000	85.204	1368516
5	Inner guard half	SDH25	160	7	1500	85.204	1368519
5	Inner guard half	SDH25	152	12	1000	85.204	1190053
6	Inner guard half	SDH25	185	8	550	85.204	1375620
6	Inner guard half	SDH25	185	8	1000	85.204	1375626
6	Inner guard half	SDH25	185	8	1500	85.204	1375632
6	Inner guard half	SDH25	177	12	1000	85.204	1199915
7	Guard cone	SC25	160	7	147	85.25.07	1365367
7	Guard cone	SC25	152	12	234	85.25.12	1365372
8	Guard cone	SC25	185	8	170	85.26.08	1365388

1) n = number of ribs

4. PTO DRIVE SHAFT GUARD

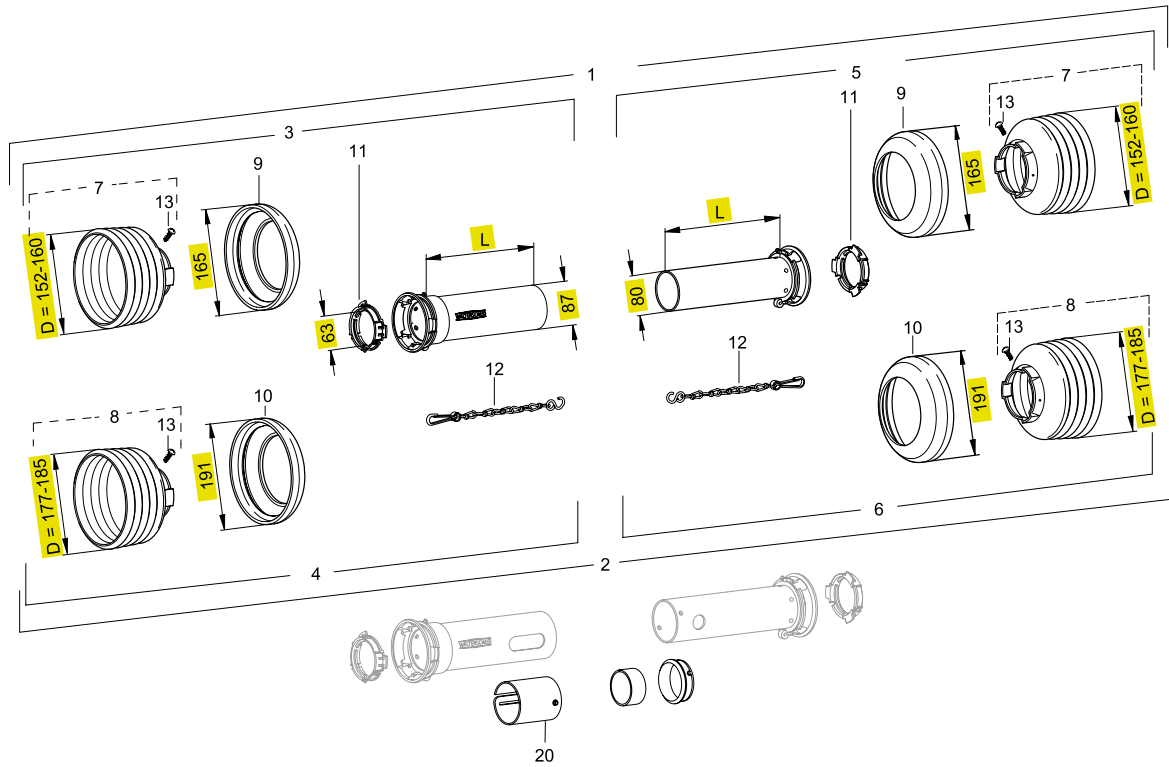
4.1. SD GUARD, W SERIES

Pos.	Designation	Guards	D	n ¹⁾	L	Drawing No.	Part No.
			[mm]		[mm]		
8	Guard cone	SC25	177	12	239	85.26.12	1365392
9	SD supporting ring	SD15/25	165			82.85.00	1359471
10	SD supporting ring	SD25	191			82.85.03	1359474
11	Sliding ring	SD25				82.83.04	1087276
12	Safety chain				400	82.36.03	1044321
12	Safety chain				600	82.36.08	1382078
13	Screw for guard cones					60.15.00	1365305
20	Lubrication hole covers	SD25				80.63.112	1188064
21	Supporting rings Z for intermediate bearing	SD25Z	62			16.20.71	1381284
22	Sliding rings Z for intermediate bearing		68			82.83.107	1355155

1) n = number of ribs

4. PTO DRIVE SHAFT GUARD

4.1. SD GUARD, W SERIES



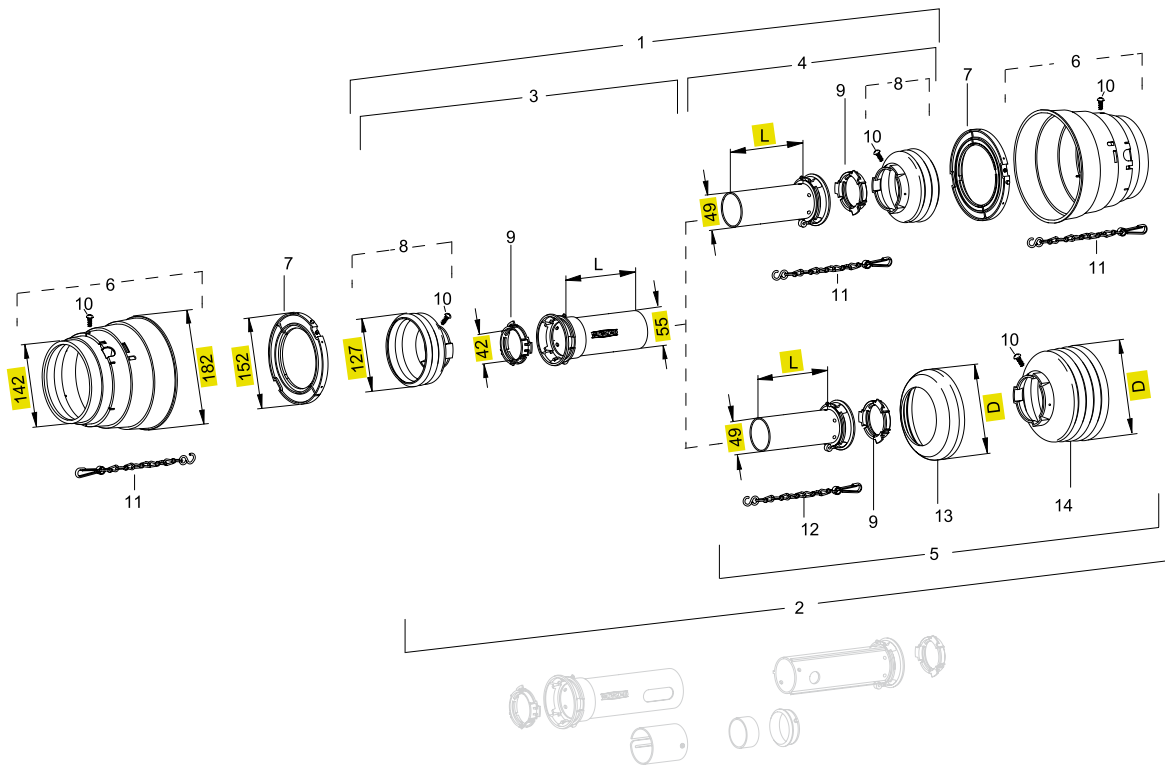
SD 25/1 GUARD FOR SIZE W2300 / 2400 / 2500

Pos.	Designation	Guards	D	n ¹⁾	L	Drawing No.	Part No.
			[mm]		[mm]		
1	Guard assembly	SD25/1	-	-	-	-	-
2	Guard assembly	SD25/1	-	-	-	-	-
3	Outer guard half	SDH25/1	160	7	1500	85.213	1199908
4	Outer guard half	SDH25/1	185	8		85.213	1116599
5	Inner guard half	SDH25/1	160	7	1500	85.212	1199909
5	Inner guard half	SDH25/1	152	12	1500	85.212	1116602
6	Inner guard half	SDH25/1	185	8	1500	85.212	1116440
7	Guard cone	SC25	160	7	147	85.25.07	1365367
7	Guard cone	SC25	152	12	234	85.25.12	1365372
8	Guard cone	SC25	185	8	170	85.26.08	1365388
8	Guard cone	SC25	177	12	239	85.26.12	1365392
9	SD supporting ring	SD15/25	165			82.85.00	1359471
10	SD supporting ring	SD25	191			82.85.03	1359474
11	Sliding ring	SD25				82.83.04	1087276
12	Safety chain				400	82.36.03	1044321
12	Safety chain				600	82.36.08	1382078
13	Screw for guard cones					60.15.00	1365305
20	Lubrication hole covers	SD25/1PG20				80.64.102	1198303

1) n = number of ribs

4. PTO DRIVE SHAFT GUARD

4.1. SD GUARD, W SERIES



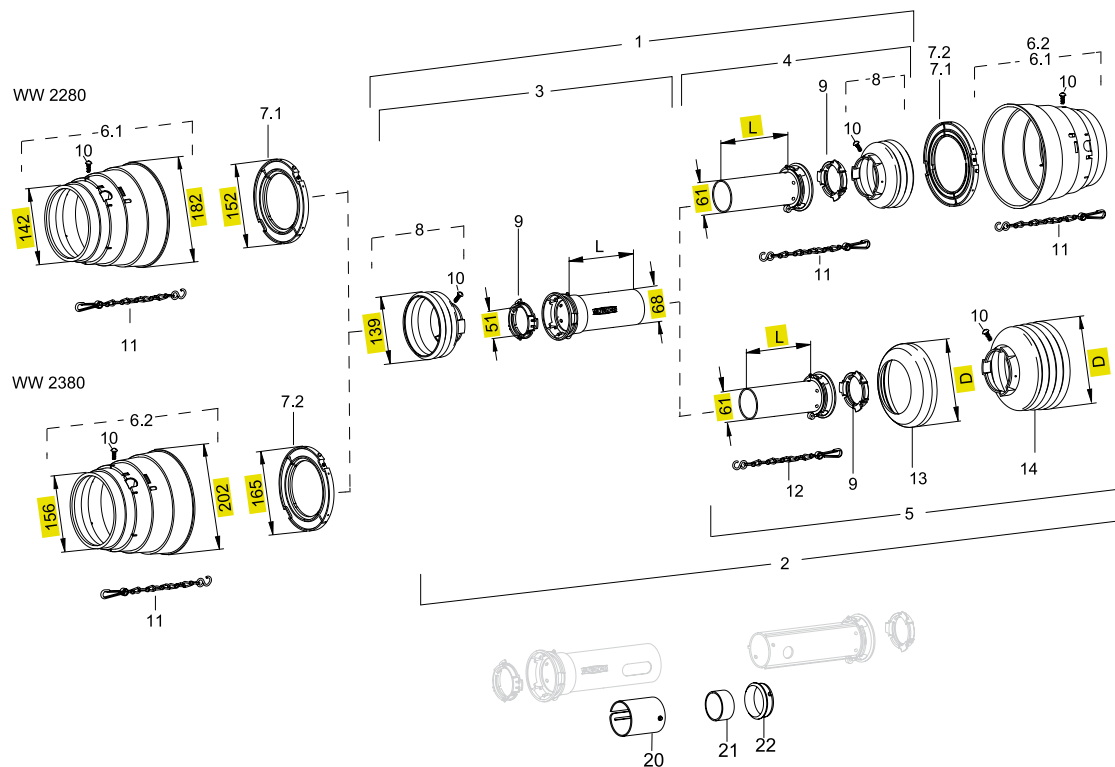
SD 05 GUARD FOR SIZE WWE / WWZ 2280

Pos.	Designation	Guards	D	n ¹⁾	L	Drawing No.	Part No.
			[mm]		[mm]		
1	Guard assembly	SC05	127	3	1000	85.000	1180205
2	Guard assembly	SD05	127		1000	85.003	1180240
3	Outer guard half	SCH05	127	3	1000	85.002	1180217
4	Inner guard half	SCH05	127	3	1000	85.001	1180228
5	Inner guard half	SDH05	135	6	1000	85.004	1368640
6	Guard cone	SD05/15	182		153	85.00.00	1365714
6	Guard cone	SD05/15	182		125	85.00.04	1175001
7	Sliding ring for wide angle	SD05/15	152			82.83.12	1365716
8	Guard cone	SC05	127	3	61	85.05.109	1172752
9	Sliding ring	SD05				83.09.01	1359005
10	Screw for guard cones					60.15.00	1365305
11	Safety chain				600	82.36.08	1382078
12	Safety chain				400	82.36.03	1044321
13	SD supporting ring	SD05	132			83.10.03	1365884
14	Guard cone	SC05	135	6	104	85.05.06	1365259
14	Guard cone	SC05	127	10	163	85.05.10	1365263

1) n = number of ribs

4. PTO DRIVE SHAFT GUARD

4.1. SD GUARD, W SERIES



SD 15 GUARD FOR SIZE WWE / WWZ 2280 - 2380

Pos.	Designation	Guards	D	n ¹⁾	L	Drawing No.	Part No.
			[mm]		[mm]		
1	Guard assembly	SC15	139	3	1000	85.100	1180208
2	Guard assembly	SD15	139		1000	85.103	1180243
3	Outer guard half	SCH15	139	3	1000	85.102	1180220
4	Inner guard half	SCH15	139	3	1000	85.101	1180231
5	Inner guard half	SDH15	158	6	1000	85.104	1368634
5	Inner guard half	SDH15	158	6	1500	85.104	1368677
5	Inner guard half	SDH15	152	12	1000	85.104	1187507
6.1	Guard cone	SD05/15	182		153	85.00.00	1365714
6.1	Guard cone	SD05/15	182		125	85.00.04	1175001
6.2	Guard cone	SD15/25	202		172	85.00.01	1365715
6.2	Guard cone	SD15/25	202		139	85.00.05	1175002
7.1	Sliding ring for wide angle	SD05/15	152			82.83.12	1365716
7.2	Sliding ring for wide angle	SD15/25	165			82.83.13	1365717
8	Guard cone	SC15	139	3	77	85.14.106	1172750
9	Sliding ring	SD15				82.83.06	1087279
10	Screw for guard cones					60.15.00	1365305
11	Safety chain				600	82.36.08	1382078
12	Safety chain				400	82.36.03	1044321
13	SD supporting ring	SD15/25	165			82.85.00	1359471
14	Guard cone	SC15	158	6	132	85.15.06	1365346
14	Guard cone	SC15	152	12	237	85.15.12	1365352
20	Lubrication hole covers	SD15				80.61.104	1186313
21	Supporting rings Z for intermediate bearing	SD15Z	51			16.20.74	1381621

1) n = number of ribs

4. PTO DRIVE SHAFT GUARD

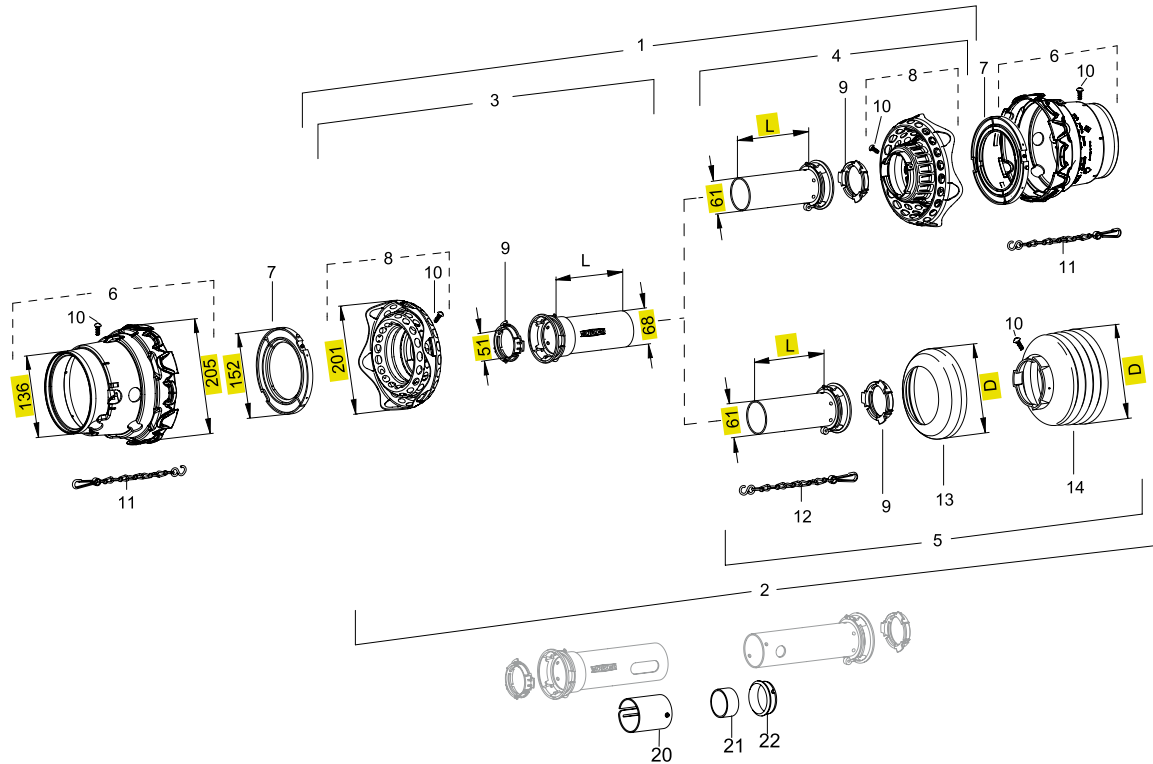
4.1. SD GUARD, W SERIES

Pos.	Designation	Guards	D	n ¹⁾	L	Drawing No.	Part No.
			[mm]		[mm]		
22	Sliding rings Z for intermediate bearing	SD15Z	56			82.83.106	1355154

1) n = number of ribs

4. PTO DRIVE SHAFT GUARD

4.1. SD GUARD, W SERIES



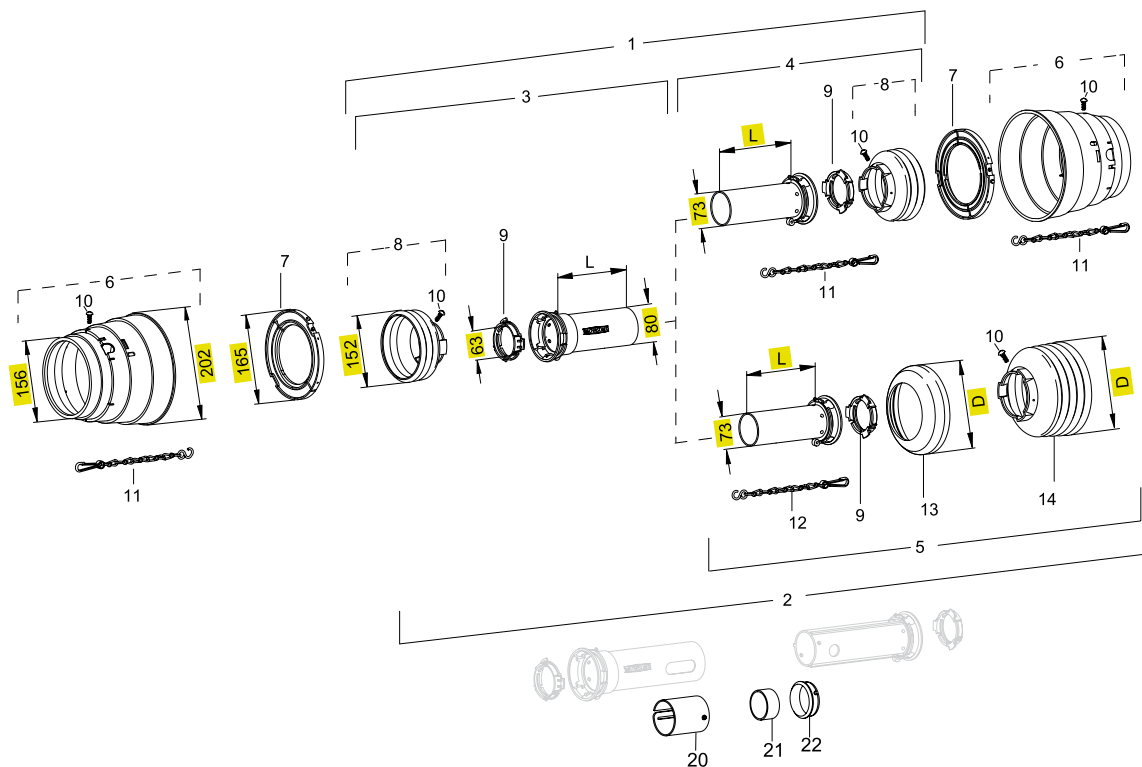
SDF 15 GUARD FOR SIZE WWE / WWZ 2280 WITH FLEXO CONE

Pos.	Designation	Guards	D	n ¹⁾	L	Drawing No.	Part No.
			[mm]		[mm]		
1	Guard assembly	SDF15	195		1000	85.100	1116471
2	Guard assembly	SDF15	195		1000	85.103	1136736
3	Outer guard half	SDFH15	195		1000	85.102	1116472
3	Outer guard half	SDFH15	195		1500	85.102	1116586
4	Inner guard half	SDFH15	195		1000	85.101	1116473
4	Inner guard half	SDFH15	195		1500	85.101	1116596
5	Inner guard half	SDH15	158	6	1000	85.104	1368634
5	Inner guard half	SDH15	152	12	1000	85.104	1187507
5	Inner guard half	SDH15	158	6	1500	85.104	1368677
6	Guard cone	SD15	205		164	85.01.00	1134399
7	Sliding ring for wide angle	SD05/15	152			82.83.12	1365716
8	Flexo funnel	SDF15	201			85.15.62	1134845
9	Sliding ring	SD15				82.83.06	1087279
10	Screw for guard cones					60.15.00	1365305
11	Safety chain				600	82.36.08	1382078
12	Safety chain				400	82.36.03	1044321
13	SD supporting ring	SD15/25	165			82.85.00	1359471
14	Guard cone	SC15	158	6	132	85.15.06	1365346
14	Guard cone	SC15	152	12	237	85.15.12	1365352
20	Lubrication hole covers	SD15				80.61.104	1186313
21	Supporting rings Z for intermediate bearing	SD15Z	51			16.20.74	1381621
22	Sliding rings Z for intermediate bearing	SD15Z	56			82.83.106	1355154

1)n = number of ribs

4. PTO DRIVE SHAFT GUARD

4.1. SD GUARD, W SERIES



SD 25 GUARD FOR SIZE WWE / WWZ 2380

Pos.	Designation	Guards	D	n ¹⁾	L	Drawing No.	Part No.
			[mm]		[mm]		
1	Guard assembly	SC25	139	3	1000	85.200	1180211
2	Guard assembly	SD25	139		1000	85.203	1180246
3	Outer guard half	SCH25	139	3	1000	85.202	1180223
3	Outer guard half	SCH25	139	3	1500	85.202	1109840
4	Inner guard half	SCH25	139	3	1000	85.201	1180234
4	Inner guard half	SCH25	139	3	1500	85.201	1116832
5	Inner guard half	SDH25	160	7	1000	85.204	1368516
5	Inner guard half	SDH25	160	7	1500	85.204	1368519
5	Inner guard half	SDH25	152	12	1000	85.204	1190053
5	Inner guard half	SDH25	185	8	1000	85.204	1375626
5	Inner guard half	SDH25	185	8	1500	85.204	1375632
5	Inner guard half	SDH25	177	12	1000	85.204	1199915
6	Guard cone	SD15/25	202		172	85.00.01	1365715
6	Guard cone	SD15/25	202		139	85.00.05	1175002
7	Sliding ring for wide angle	SD15/25	165			82.83.13	1365717
8	Guard cone	SC25	152	3	73	85.24.100	1172760
9	Sliding ring	SD25				82.83.04	1087276
10	Screw for guard cones					60.15.00	1365305
11	Safety chain				600	82.36.08	1382078
12	Safety chain				400	82.36.03	1044321
13	SD supporting ring	SD15/25	165			82.85.00	1359471
13	SD supporting ring	SD25	191			82.85.03	1359474
14	Guard cone	SC25	160	7	147	85.25.07	1365367

1) n = number of ribs

4. PTO DRIVE SHAFT GUARD

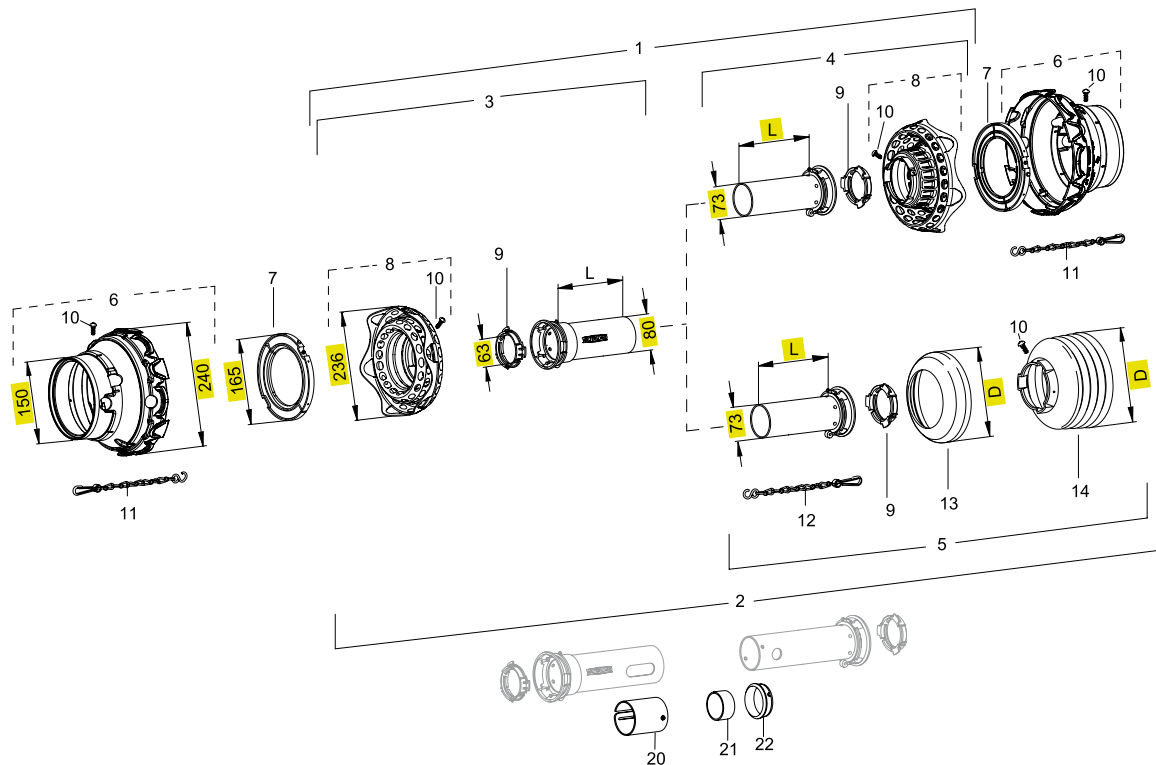
4.1. SD GUARD, W SERIES

Pos.	Designation	Guards	D [mm]	n ¹⁾	L [mm]	Drawing No.	Part No.
14	Guard cone	SC25	152	12	234	85.25.12	1365372
14	Guard cone	SC25	185	8	170	85.26.08	1365388
14	Guard cone	SC25	177	12	239	85.26.12	1365392
20	Lubrication hole covers	SD25				80.63.112	1188064
21	Supporting rings Z for intermediate bearing	SD25Z	62			16.20.71	1381284
22	Sliding rings Z for intermediate bearing		68			82.83.107	1355155

1) n = number of ribs

4. PTO DRIVE SHAFT GUARD

4.1. SD GUARD, W SERIES



SDF 25 GUARD FOR SIZE WWE / WWZ 2380 WITH FLEXO CONE

Pos.	Designation	Guards	D	n ¹⁾	L	Drawing No.	Part No.
			[mm]		[mm]		
1	Guard assembly	SDF25	230		1000	85.200	1116474
2	Guard assembly	SDF25	230		1000	85.203	1136737
3	Outer guard half	SDFH25	230		1000	85.202	1116475
3	Outer guard half	SDFH25	230		1500	85.202	1116582
4	Inner guard half	SDFH25	230		1000	85.201	1116476
4	Inner guard half	SDFH25	230		1500	85.201	1116597
5	Inner guard half	SDH25	160	7	1000	85.204	1368516
5	Inner guard half	SDH25	160	7	1500	85.204	1368519
5	Inner guard half	SDH25	152	12	1000	85.204	1190053
5	Inner guard half	SDH25	185	8	1000	85.204	1375626
5	Inner guard half	SDH25	185	8	1500	85.204	1375632
5	Inner guard half	SDH25	177	12	1000	85.204	1199915
6	Guard cone	SD25	240		147	85.01.04	1134401
7	Sliding ring for wide angle	SD15/25	165			82.83.13	1365717
8	Flexo funnel	SDF25/20	236			85.25.62	1134847
9	Sliding ring	SD25				82.83.04	1087276
10	Screw for guard cones					60.15.00	1365305
11	Safety chain				600	82.36.08	1382078
12	Safety chain				400	82.36.03	1044321
13	SD supporting ring	SD15/25	165			82.85.00	1359471
13	SD supporting ring	SD25	191			82.85.03	1359474
14	Guard cone	SC25	160	7	147	85.25.07	1365367
14	Guard cone	SC25	152	12	234	85.25.12	1365372

1) n = number of ribs

4. PTO DRIVE SHAFT GUARD

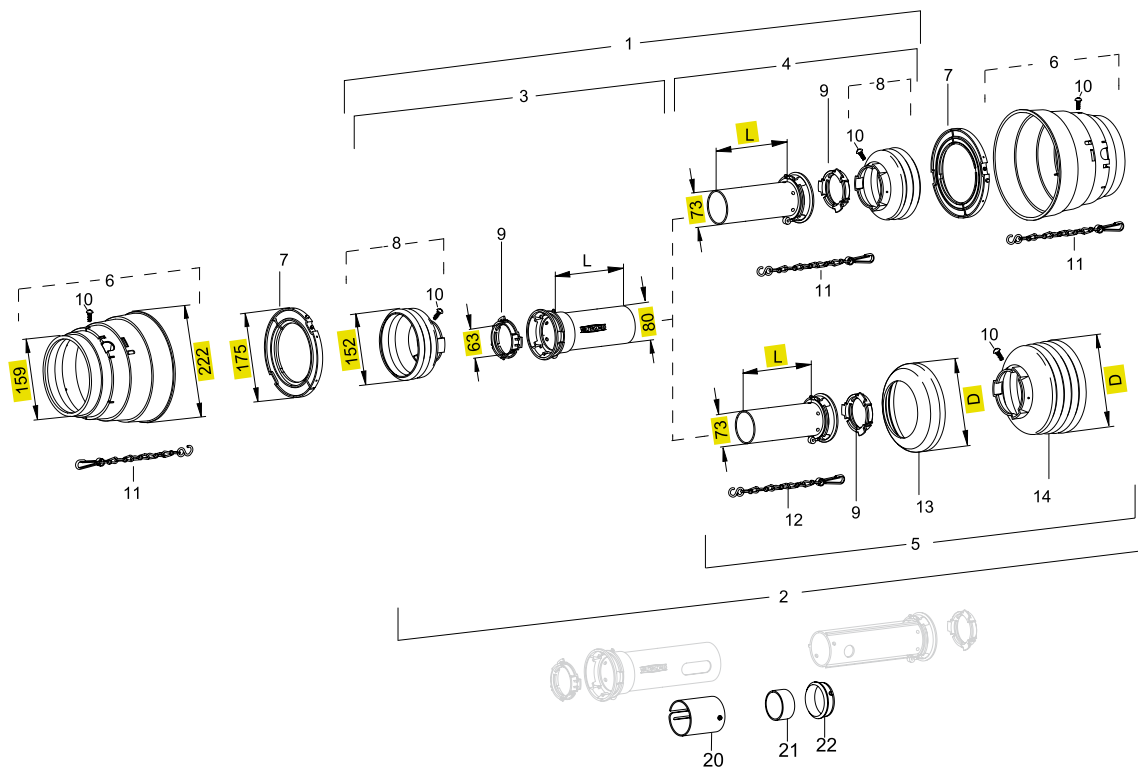
4.1. SD GUARD, W SERIES

Pos.	Designation	Guards	D	n ¹⁾	L	Drawing No.	Part No.
			[mm]		[mm]		
14	Guard cone	SC25	185	8	170	85.26.08	1365388
14	Guard cone	SC25	177	12	239	85.26.12	1365392
20	Lubrication hole covers	SD25				80.63.112	1188064
21	Supporting rings Z for intermediate bearing	SD25Z	62			16.20.71	1381284
22	Sliding rings Z for intermediate bearing		68			82.83.107	1355155

1) n = number of ribs

4. PTO DRIVE SHAFT GUARD

4.1. SD GUARD, W SERIES



SD 25 GUARD FOR SIZE WW 2480

Pos.	Designation	Guards	D	n ¹⁾	L	Drawing No.	Part No.
			[mm]		[mm]		
1	Guard assembly	SC25	152	3	1000	85.200	1180214
2	Guard assembly	SD25	152		1000	85.203	1106725
3	Outer guard half	SCH25	152	3	1000	85.202	1175700
3	Outer guard half	SCH25/1	152	3	1500	85.210	1183315
4	Inner guard half	SCH25	152	3	1000	85.201	1180237
4	Inner guard half	SCH25	139	3	1500	85.201	1116832
5	Inner guard half	SDH25	160	7	1000	85.204	1368516
5	Inner guard half	SDH25	160	7	1500	85.204	1368519
5	Inner guard half	SDH25	152	12	1000	85.204	1190053
5	Inner guard half	SDH25	185	8	1000	85.204	1375626
5	Inner guard half	SDH25	185	8	1500	85.204	1375632
5	Inner guard half	SDH25	177	12	1000	85.204	1199915
6	Guard cone	SD25	222		188	85.00.02	1172717
6	Guard cone	SD25	222		159	85.00.06	1175003
7	Sliding ring for wide angle	SD25	175			82.83.14	1172715
8	Guard cone	SC25	152	3	77	85.25.102	1160012
9	Sliding ring	SD25				82.83.04	1087276
10	Screw for guard cones					60.15.00	1365305
11	Safety chain				600	82.36.08	1382078
12	Safety chain				400	82.36.03	1044321
13	SD supporting ring	SD15/25	165			82.85.00	1359471
13	SD supporting ring	SD25	191			82.85.03	1359474
14	Guard cone	SC25	160	7	147	85.25.07	1365367

1) n = number of ribs

4. PTO DRIVE SHAFT GUARD

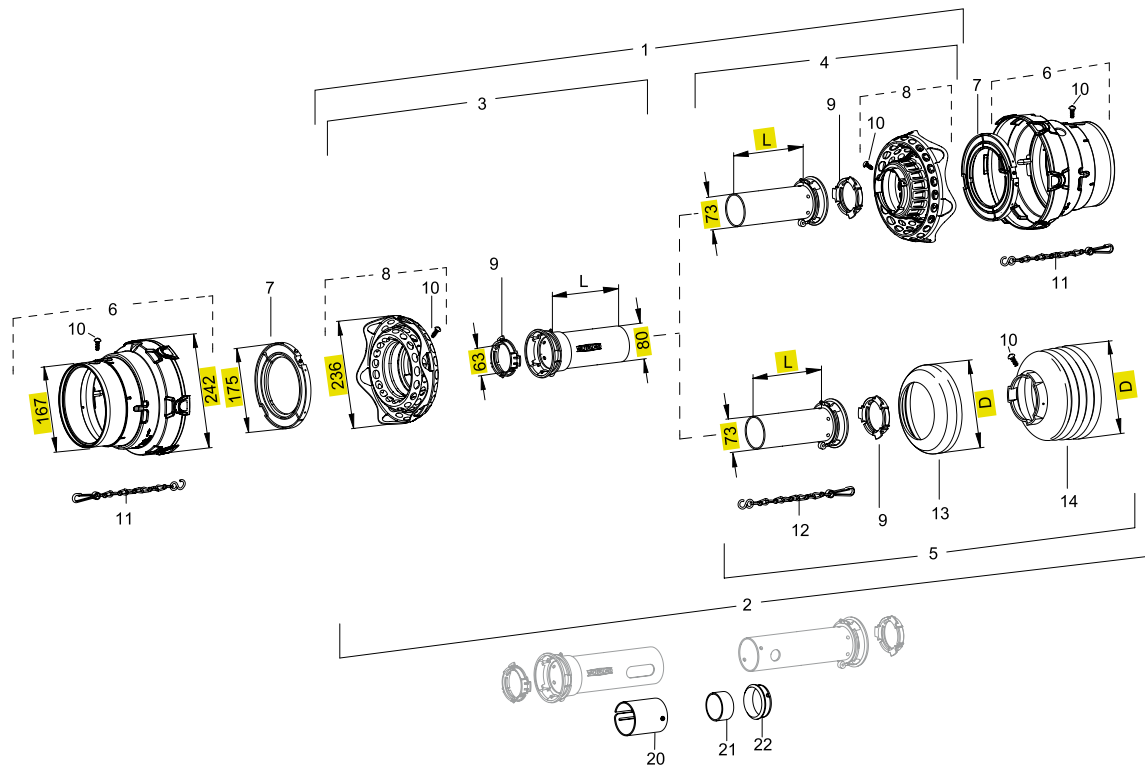
4.1. SD GUARD, W SERIES

Pos.	Designation	Guards	D	n ¹⁾	L	Drawing No.	Part No.
			[mm]		[mm]		
14	Guard cone	SC25	152	12	234	85.25.12	1365372
14	Guard cone	SC25	185	8	170	85.26.08	1365388
14	Guard cone	SC25	177	12	239	85.26.12	1365392
20	Lubrication hole covers	SD25				80.63.112	1188064
21	Supporting rings Z for intermediate bearing	SD25Z	62			16.20.71	1381284
22	Sliding rings Z for intermediate bearing		68			82.83.107	1355155

1) n = number of ribs

4. PTO DRIVE SHAFT GUARD

4.1. SD GUARD, W SERIES



SDF 25 GUARD FOR SIZE WVE / WWZ 2480 WITH FLEXO CONE

Pos.	Designation	Guards	D	n ¹⁾	L	Drawing No.	Part No.
			[mm]		[mm]		
1	Guard assembly	SDF25	230		1000	85.200	1116474
2	Guard assembly	SDF25	230		1000	85.203	1136737
3	Outer guard half	SDFH25	230		1000	85.202	1116475
3	Outer guard half	SDFH25	230		1500	85.202	1116582
4	Inner guard half	SDFH25	230		1000	85.201	1116476
4	Inner guard half	SDFH25	230		1500	85.201	1116597
5	Inner guard half	SDH25	160	7	1000	85.204	1368516
5	Inner guard half	SDH25	160	7	1500	85.204	1368519
5	Inner guard half	SDH25	152	12	1000	85.204	1190053
5	Inner guard half	SDH25	185	8	1000	85.204	1375626
5	Inner guard half	SDH25	185	8	1500	85.204	1375632
5	Inner guard half	SDH25	177	12	1000	85.204	1199915
6	Guard cone	SD25/20	242		186	85.01.02	1129928
7	Sliding ring for wide angle	SD25	175			82.83.14	1172715
8	Flexo funnel	SDF25/20	236			85.25.62	1134847
9	Sliding ring	SD25				82.83.04	1087276
10	Screw for guard cones					60.15.00	1365305
11	Safety chain				600	82.36.08	1382078
12	Safety chain				400	82.36.03	1044321
13	SD supporting ring	SD15/25	165			82.85.00	1359471
13	SD supporting ring	SD25	191			82.85.03	1359474
14	Guard cone	SC25	160	7	147	85.25.07	1365367
14	Guard cone	SC25	152	12	234	85.25.12	1365372

1) n = number of ribs

4. PTO DRIVE SHAFT GUARD

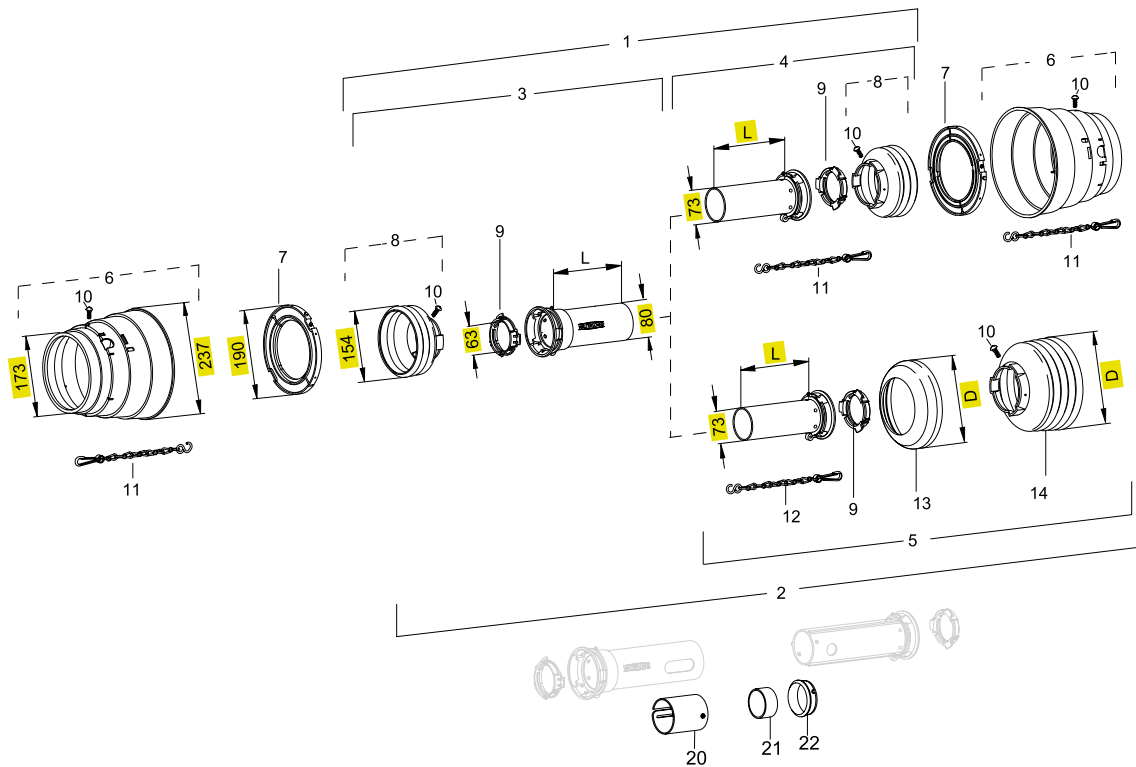
4.1. SD GUARD, W SERIES

Pos.	Designation	Guards	D	n ¹⁾	L	Drawing No.	Part No.
			[mm]		[mm]		
14	Guard cone	SC25	185	8	170	85.26.08	1365388
14	Guard cone	SC25	177	12	239	85.26.12	1365392
20	Lubrication hole covers	SD25				80.63.112	1188064
21	Supporting rings Z for intermediate bearing	SD25Z	62			16.20.71	1381284
22	Sliding rings Z for intermediate bearing		68			82.83.107	1355155

1) n = number of ribs

4. PTO DRIVE SHAFT GUARD

4.1. SD GUARD, W SERIES



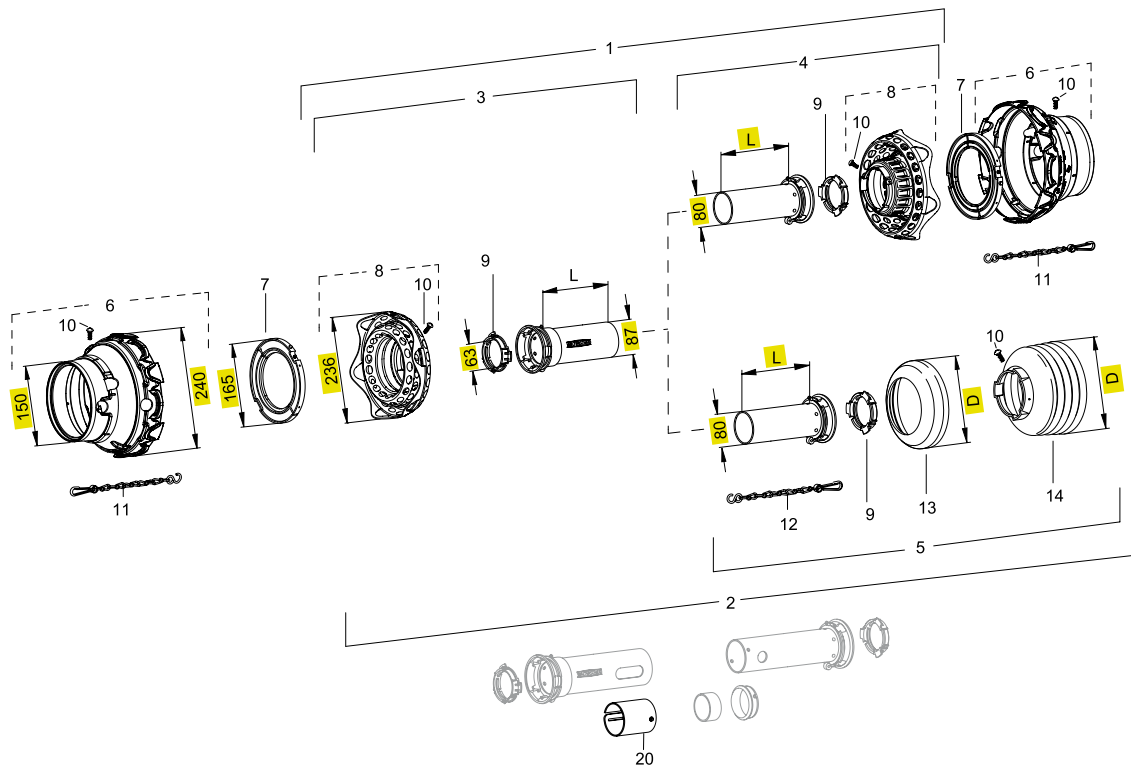
SD 25 GUARD FOR SIZE WW 2580

Pos.	Designation	Guards	D	n ¹⁾	L	Drawing No.	Part No.
			[mm]		[mm]		
1	Guard assembly	SC25	154	4	1000	85.200	1106713
2	Guard assembly	SD25	152		1000	85.203	1106725
3	Outer guard half	SCH25	154	4	1000	85.202	1106717
3	Outer guard half	SCH25	154	4	1500	85.202	1116539
4	Inner guard half	SCH25	154	4	1000	85.201	1106721
4	Inner guard half	SCH25	154	4	1500	85.201	1116840
5	Inner guard half	SDH25	185	8	1000	85.204	1375626
5	Inner guard half	SDH25	185	8	1500	85.204	1375632
5	Inner guard half	SDH25	177	12	1000	85.204	1199915
6	Guard cone	SD25	237		201	85.00.03	1172718
6	Guard cone	SD25	237		173	85.00.07	1175004
7	Sliding ring for wide angle	SD25	190			82.83.15	1172716
8	Guard cone	SC25	154	4	96	85.25.120	1104786
9	Sliding ring	SD25				82.83.04	1087276
10	Screw for guard cones					60.15.00	1365305
11	Safety chain				600	82.36.08	1382078
12	Safety chain				400	82.36.03	1044321
13	SD supporting ring	SD25	191			82.85.03	1359474
14	Guard cone	SC25	185	8	170	85.26.08	1365388
14	Guard cone	SC25	177	12	239	85.26.12	1365392
20	Lubrication hole covers	SD25				80.63.112	1188064
21	Supporting rings Z for intermediate bearing	SD25Z	62			16.20.71	1381284
22	Sliding rings Z for intermediate bearing		68			82.83.107	1355155

1) n = number of ribs

4. PTO DRIVE SHAFT GUARD

4.1. SD GUARD, W SERIES



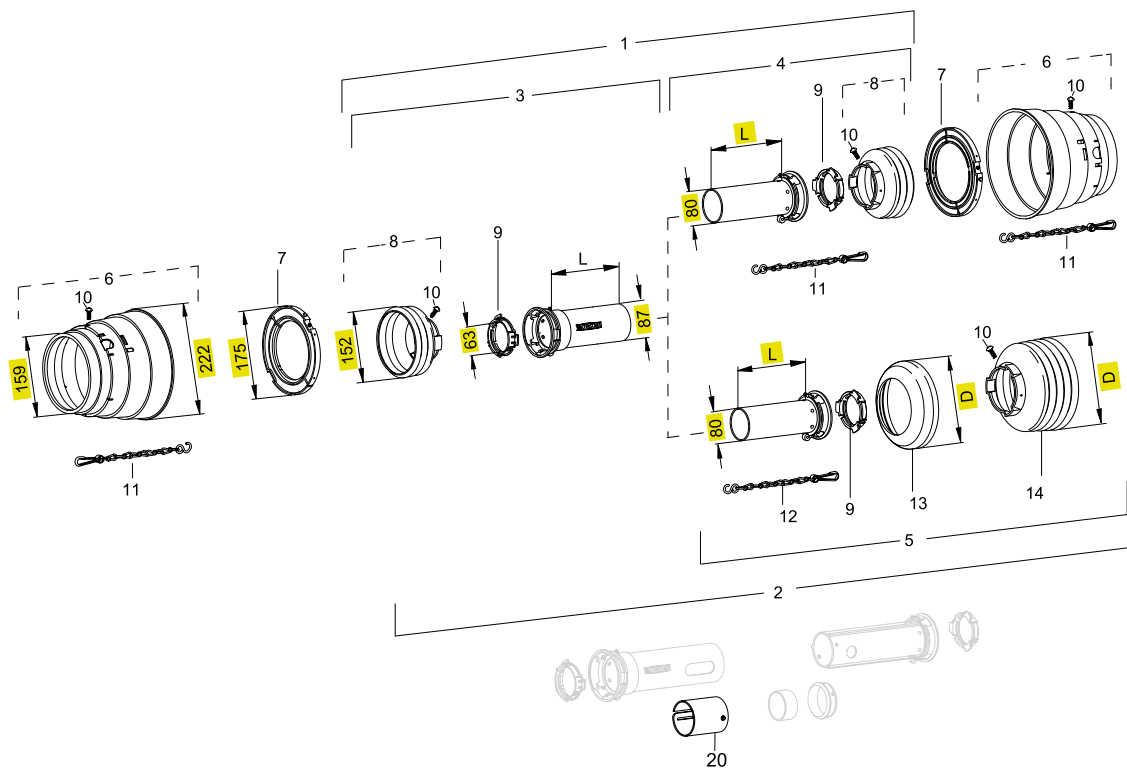
SDF 25/1 GUARD FOR SIZE WW 2380 WITH FLEXO CONE

Pos.	Designation	Guards	D	n ¹⁾	L	Drawing No.	Part No.
			[mm]		[mm]		
1	Guard assembly	SDF25/1				-	-
2	Guard assembly	SDF25/1				-	-
3	Outer guard half	SDFH25/1	230		1500	85.210	1116592
4	Inner guard half	SDFH25/1	230		1500	85.209	1116593
5	Inner guard half	SDH25/1	160	7	1500	85.212	1199909
5	Inner guard half	SDH25/1	185	8	1500	85.212	1116440
6	Guard cone	SD25	240		147	85.01.04	1134401
7	Sliding ring for wide angle	SD15/25	165			82.83.13	1365717
8	Flexo funnel	SDF25/20	236			85.25.62	1134847
9	Sliding ring	SD25				82.83.04	1087276
10	Screw for guard cones					60.15.00	1365305
11	Safety chain				600	82.36.08	1382078
12	Safety chain				400	82.36.03	1044321
13	SD supporting ring	SD15/25	165			82.85.00	1359471
13	SD supporting ring	SD25	191			82.85.03	1359474
14	Guard cone	SC25	160	7	147	85.25.07	1365367
14	Guard cone	SC25	152	12	234	85.25.12	1365372
14	Guard cone	SC25	185	8	170	85.26.08	1365388
14	Guard cone	SC25	177	12	239	85.26.12	1365392
20	Lubrication hole covers	SD25/1PG20				80.64.102	1198303

1) n = number of ribs

4. PTO DRIVE SHAFT GUARD

4.1. SD GUARD, W SERIES



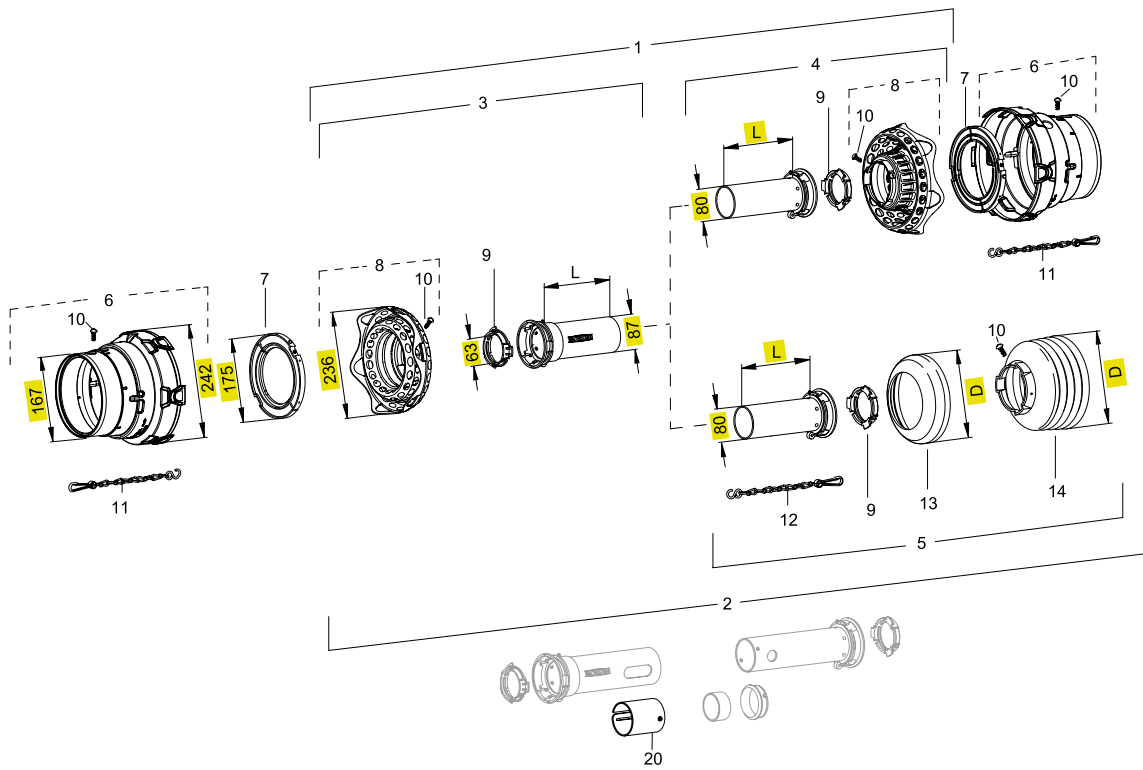
SD 25/1 GUARD FOR SIZE WWE / WWZ 2480

Pos.	Designation	Guards	D	n ¹⁾	L	Drawing No.	Part No.
			[mm]		[mm]		
1	Guard assembly					-	-
2	Guard assembly					-	-
3	Outer guard half	SCH25/1	152	3	1500	85.210	1183315
4	Inner guard half	SCH25/1			1500	-	-
5	Inner guard half	SDH25/1	160	7	1500	85.212	1199909
5	Inner guard half	SDH25/1	185	8	1500	85.212	1116440
6	Guard cone	SD25	222		188	85.00.02	1172717
6	Guard cone	SD25	222		159	85.00.06	1175003
7	Sliding ring for wide angle	SD25	175			82.83.14	1172715
8	Guard cone	SC25	152	3	77	85.25.102	1160012
9	Sliding ring	SD25				82.83.04	1087276
10	Screw for guard cones					60.15.00	1365305
11	Safety chain				600	82.36.08	1382078
12	Safety chain				400	82.36.03	1044321
13	SD supporting ring	SD15/25	165			82.85.00	1359471
13	SD supporting ring	SD25	191			82.85.03	1359474
14	Guard cone	SC25	160	7	147	85.25.07	1365367
14	Guard cone	SC25	152	12	234	85.25.12	1365372
14	Guard cone	SC25	185	8	170	85.26.08	1365388
14	Guard cone	SC25	177	12	239	85.26.12	1365392
20	Lubrication hole covers	SD25/1PG20				80.64.102	1198303

1) n = number of ribs

4. PTO DRIVE SHAFT GUARD

4.1. SD GUARD, W SERIES



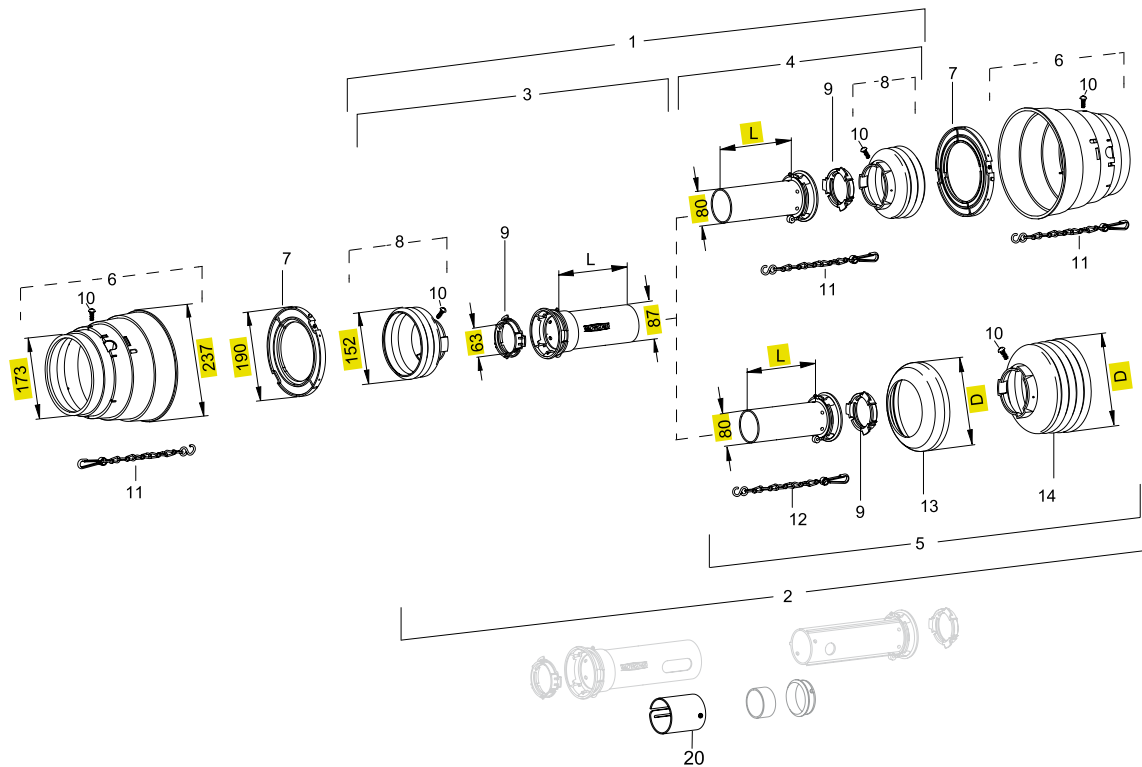
SDF 25/1 GUARD FOR SIZE WW 2480 WITH FLEXO CONE

Pos.	Designation	Guards	D	n ¹⁾	L	Drawing No.	Part No.
			[mm]		[mm]		
1	Guard assembly	SDF25/1				-	-
2	Guard assembly	SDF25/1				-	-
3	Outer guard half	SDFH25/1	230		1500	85.210	1116592
4	Inner guard half	SDFH25/1	230		1500	85.209	1116593
5	Inner guard half	SDH25/1	160	7	1500	85.212	1199909
5	Inner guard half	SDH25/1	185	8	1500	85.212	1116440
5	Inner guard half	SDH25/1	177	12	1000	85.212	1116538
6	Guard cone	SD25/20	242		186	85.01.02	1129928
7	Sliding ring for wide angle	SD25	175			82.83.14	1172715
8	Flexo funnel	SDF25/20	236			85.25.62	1134847
9	Sliding ring	SD25				82.83.04	1087276
10	Screw for guard cones					60.15.00	1365305
11	Safety chain				600	82.36.08	1382078
12	Safety chain				400	82.36.03	1044321
13	SD supporting ring	SD15/25	165			82.85.00	1359471
13	SD supporting ring	SD25	191			82.85.03	1359474
14	Guard cone	SC25	160	7	147	85.25.07	1365367
14	Guard cone	SC25	152	12	234	85.25.12	1365372
14	Guard cone	SC25	185	8	170	85.26.08	1365388
14	Guard cone	SC25	177	12	239	85.26.12	1365392
20	Lubrication hole covers	SD25/1PG20				80.64.102	1198303

1) n = number of ribs

4. PTO DRIVE SHAFT GUARD

4.1. SD GUARD, W SERIES



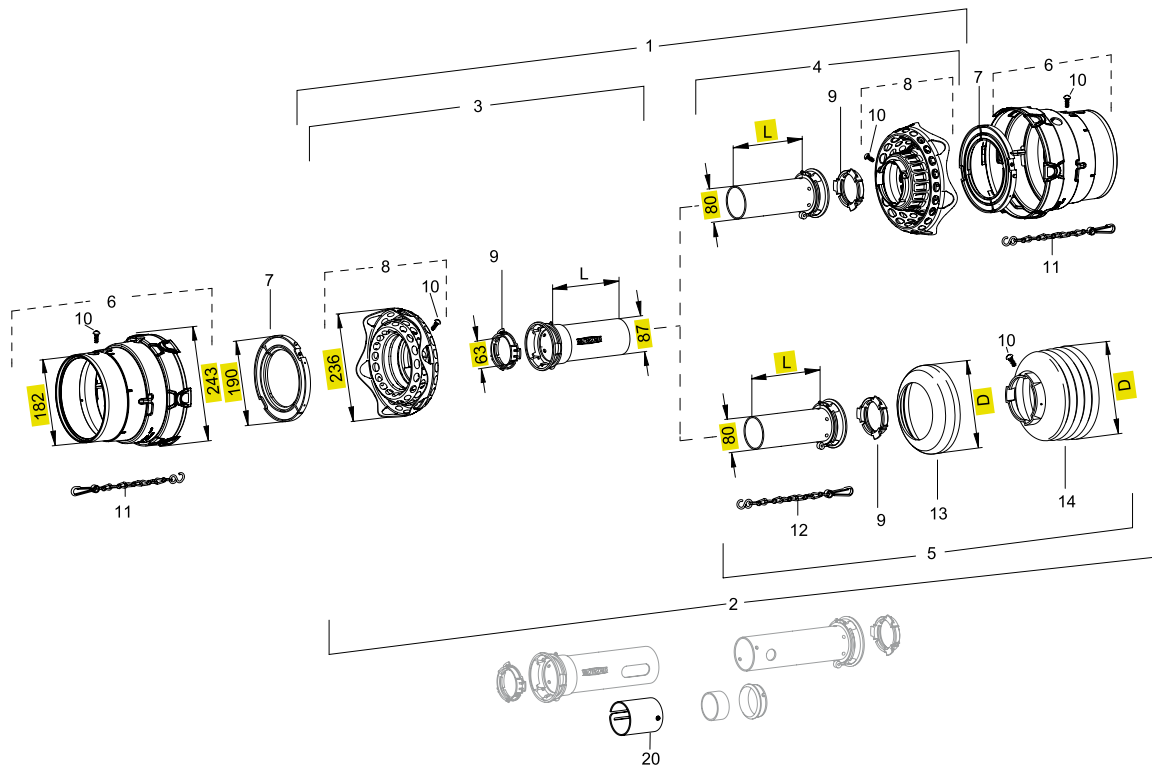
SD 25/1 GUARD FOR SIZE WW 2580

Pos.	Designation	Guards	D [mm]	n ¹⁾	L [mm]	Drawing No.	Part No.
1	Guard assembly	SD25/1				-	-
2	Guard assembly	SD25/1				-	-
3	Outer guard half	SCH25/1	154	4	1500	85.210	1116438
4	Inner guard half	SCH25/1	154	4	1500	85.209	1116439
5	Inner guard half	SDH25/1	160	7	1500	85.212	1199909
5	Inner guard half	SDH25/1	185	8	1500	85.212	1116440
6	Guard cone	SD25	237		201	85.00.03	1172718
6	Guard cone	SD25	237		173	85.00.07	1175004
7	Sliding ring for wide angle	SD25	190			82.83.15	1172716
8	Guard cone	SC25	154	4	96	85.25.120	1104786
9	Sliding ring	SD25				82.83.04	1087276
10	Screw for guard cones					60.15.00	1365305
11	Safety chain				600	82.36.08	1382078
12	Safety chain				400	82.36.03	1044321
13	SD supporting ring	SD25	191			82.85.03	1359474
14	Guard cone	SC25	185	8	170	85.26.08	1365388
14	Guard cone	SC25	177	12	239	85.26.12	1365392
20	Lubrication hole covers	SD25/1PG20				80.64.102	1198303

1) n = number of ribs

4. PTO DRIVE SHAFT GUARD

4.1. SD GUARD, W SERIES



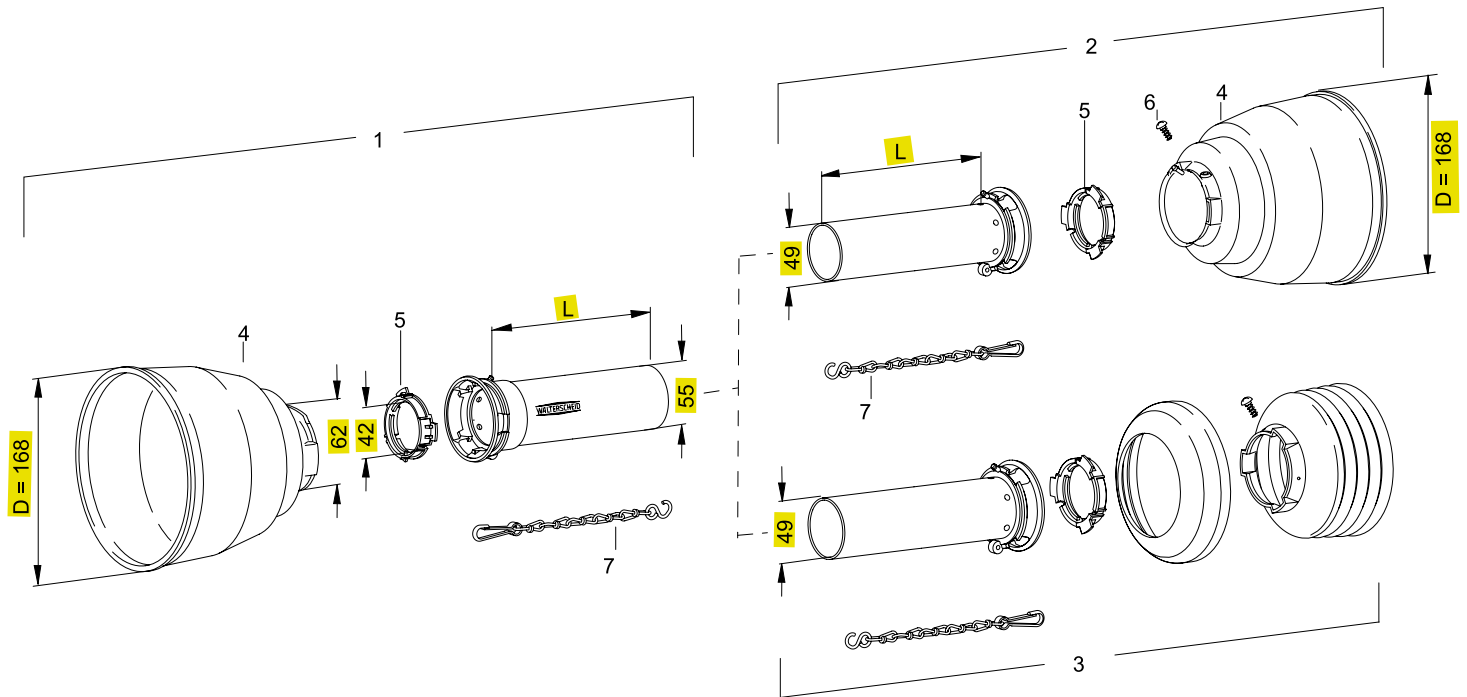
SDF 25/1 GUARD FOR SIZE WWE / WWZ 2580 WITH FLECO CONE

Pos.	Designation	Guards	D	n ¹⁾	L	Drawing No.	Part No.
			[mm]		[mm]		
1	Guard assembly	SDF25/1				-	-
2	Guard assembly	SDF25/1				-	-
3	Outer guard half	SDFH25/1	230		1500	85.210	1116592
4	Inner guard half	SDFH25/1	230		1500	85.209	1116593
5	Inner guard half	SDH25/1	185	8	1500	85.212	1116440
6	Guard cone	SD25/20	243		203	85.01.03	1129929
7	Sliding ring for wide angle	SD25	190			82.83.15	1172716
8	Flexo funnel	SDF25/20	236			85.25.62	1134847
9	Sliding ring	SD25				82.83.04	1087276
10	Screw for guard cones					60.15.00	1365305
11	Safety chain				600	82.36.08	1382078
12	Safety chain				400	82.36.03	1044321
13	SD supporting ring	SD25	191			82.85.03	1359474
14	Guard cone	SC25	185	8	170	85.26.08	1365388
14	Guard cone	SC25	177	12	239	85.26.12	1365392
20	Lubrication hole covers	SD25/1PG20				80.64.102	1198303

1) n = number of ribs

4. PTO DRIVE SHAFT GUARD

4.1. SD GUARD, W SERIES

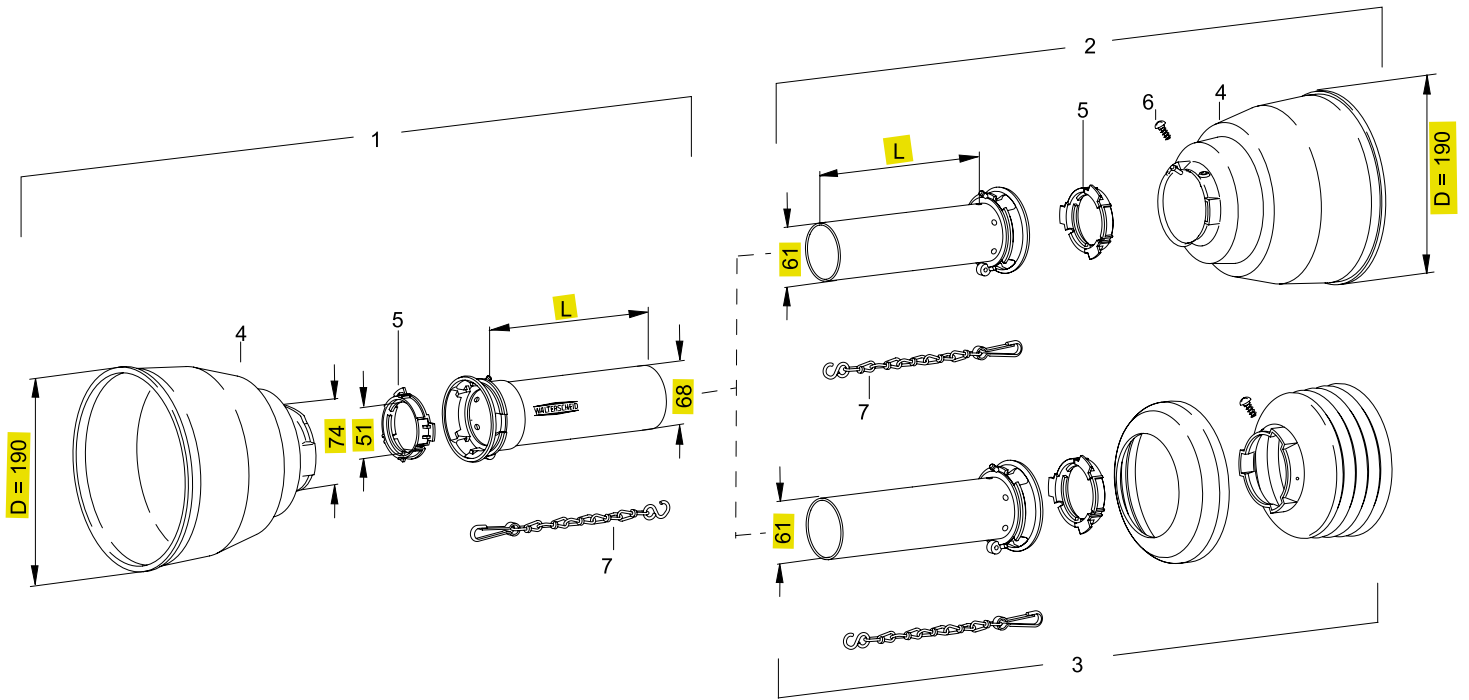


SC/SD 05 GUARD FOR SIZE WW 2270

Pos.	Designation	Guards	D	L	Drawing No.	Part No.
			[mm]	[mm]		
1	Outer guard half	SCH05	168	1000	85.002	1368027
2	Inner guard half	SCH05	168	1000	85.001	1368021
3	Inner guard half	SDH05				see page 184
4	Guard cone	SC05	168	146	85.05.50	1365251
5	Sliding ring	SD05			83.09.01	1359005
6	Screw for guard cones				60.15.00	1365305
7	Safety chain			400	82.36.03	1044321
7	Safety chain			600	82.36.08	1382078

4. PTO DRIVE SHAFT GUARD

4.1. SD GUARD, W SERIES

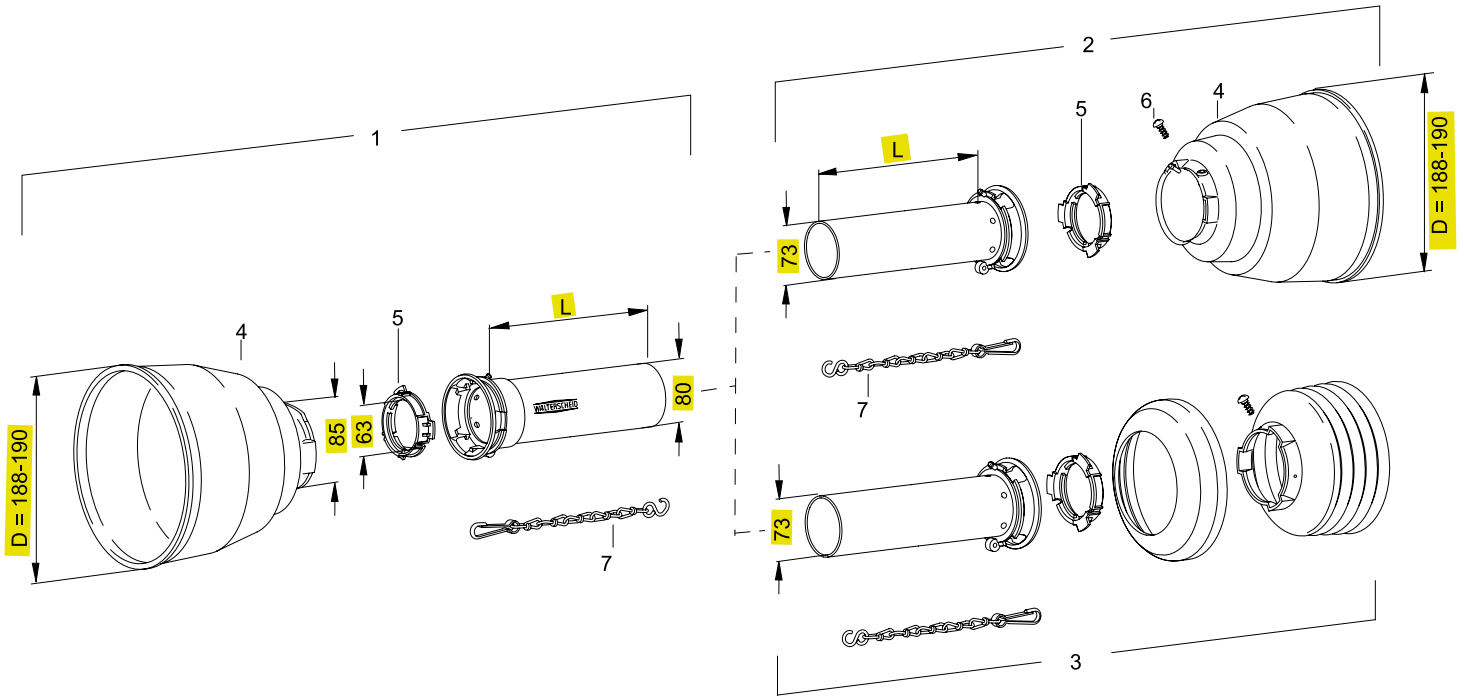


SC/SD 15 GUARD FOR SIZE WW 2270 / 2370

Pos.	Designation	Guards	D	L	Drawing No.	Part No.
			[mm]	[mm]		
1	Outer guard half	SCH15	190	1000	85.102	1368365
2	Inner guard half	SCH15	190	1000	85.101	1368356
3	Inner guard half	SDH15				see page 185
4	Guard cone	SC15	190	180	85.15.51	1365247
5	Sliding ring	SD15			82.83.06	1087279
6	Screw for guard cones				60.15.00	1365305
7	Safety chain			400	82.36.03	1044321
7	Safety chain			600	82.36.08	1382078

4. PTO DRIVE SHAFT GUARD

4.1. SD GUARD, W SERIES

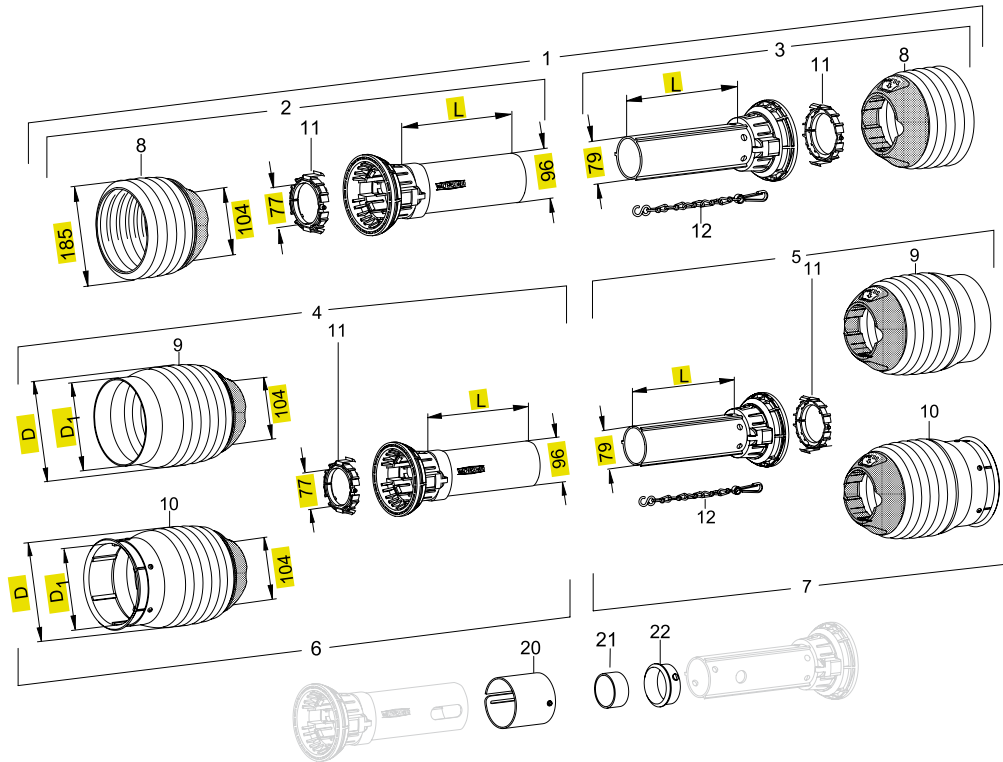


SC/SD 25 GUARD FOR SIZE WW 2370

Pos.	Designation	Guards	D	L	Drawing No.	Part No.
			[mm]	[mm]		
1	Outer guard half	SCH25	190	1000	85.202	1166095
2	Inner guard half	SCH25	190	1000	85.201	1166092
3	Inner guard half	SDH25				see page 186
4	Guard cone	SC25	190	180	85.25.51	1365248
5	Sliding ring	SD25			82.83.04	1087276
6	Screw for guard cones				60.15.00	1365305
7	Safety chain			400	82.36.03	1044321
7	Safety chain			600	82.36.08	1382078

4. PTO DRIVE SHAFT GUARD

4.2. PG GUARD, P SERIES



PG 20 GUARD FOR SIZE P300 / P400 / P500

Pos.	Designation	Guards	D	D1	n ¹⁾	L	Drawing No.	Part No.
			[mm]			[mm]		
1	Guard assembly	PG20	185		5	1000	86.200	1116125
2	Outer guard half	PGH20	185		5	1000	86.202	1116126
2	Outer guard half	PGH20	185		5	1500	86.202	1116458
2	Outer guard half	PGH20	180		10	1000	86.202	1116466
3	Inner guard half	PGH20	185		5	1000	86.201	1116127
3	Inner guard half	PGH20	185		5	1500	86.201	1116622
3	Inner guard half	PGH20	180		10	1000	86.201	1116610
4	Outer guard half	PGH20	200	175		1000	86.202	1116464
4	Outer guard half	PGH20	232	223		1000	86.202	1116547
5	Inner guard half	PGH20	200	175		1000	86.201	1116529
5	Inner guard half	PGH20	232	233		1000	86.201	-
6	Outer guard half	PGH20	200	166		1000	86.202	1116288
6	Outer guard half	PGH20	200	166		1500	86.202	1116432
6	Outer guard half	PGH20	232	214		1000	86.202	1116490
6	Outer guard half	PGH20	232	214		1000	56.202	-
7	Inner guard half	PGH20	200	166		1000	86.201	1116289
7	Inner guard half	PGH20	200	166		1500	86.201	1116433
7	Inner guard half	PGH20	232	214		1000	86.201	1116427
7	Inner guard half	PGH20	232	214		1500	86.201	1116459
8	Guard cone	PG20	185	104	5	157	86.24.05	1120025
8	Guard cone	PG20	180	104	10	259	86.24.10	1122474
9	Full guard cone	PG20SW	200	175		312	86.27.60	1119280
9	Full guard cone	PG20SW	232	223		347	86.28.60	1119843

1) n = number of ribs

4. PTO DRIVE SHAFT GUARD

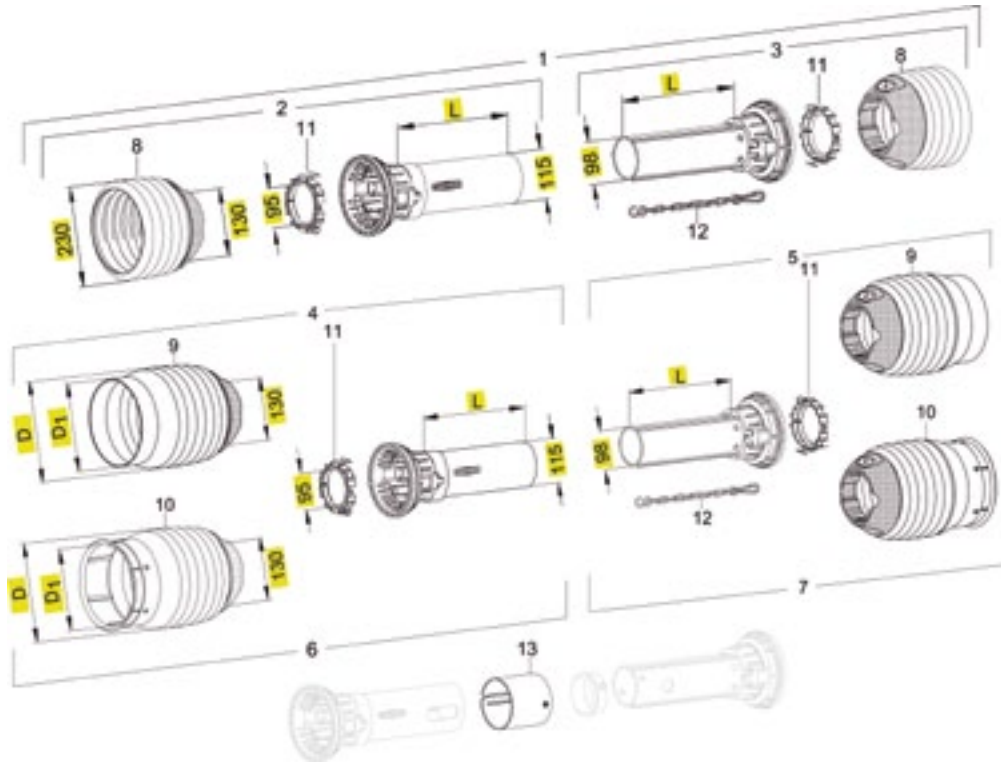
4.2. PG GUARD, P SERIES

Pos.	Designation	Guards	D	D1	n ¹⁾	L	Drawing No.	Part No.
			[mm]			[mm]		
10	Full guard cone	PG20SW	200	166		352	86.27.603	1120603
10	Full guard cone	PG20SW	232	214		387	86.28.603	1120608
11	Sliding ring	PG20					86.20.00	1117229
12	Safety chain					400	82.36.03	1044321
12	Safety chain					600	82.36.08	1382078
20	Lubrication hole covers	SD25/1PG20					80.64.102	1198303
21	Supporting ring		66				16.20.38	1123099
22	Sliding rings Z for intermediate bearing		72.5				82.83.111	1122376

1) n = number of ribs

4. PTO DRIVE SHAFT GUARD

4.2. PG GUARD, P SERIES



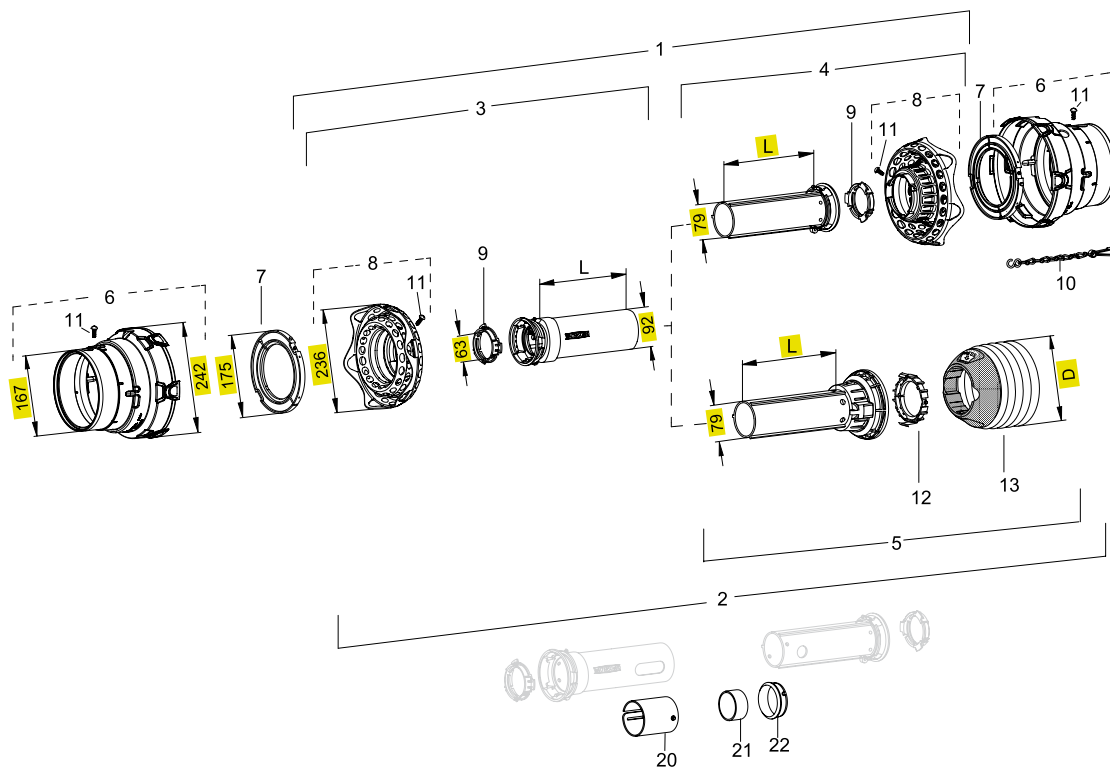
PG 30 GUARD FOR SIZE P600 / P700

Pos.	Designation	Guards	D	D1	n ¹⁾	L	Drawing No.	Part No.
			[mm]			[mm]		
1	Guard assembly	PG30	230		8	1000	86.300	1116128
2	Outer guard half	PGH30	230		8	1000	86.302	1116129
2	Outer guard half	PGH30	230		8	1500	86.302	1116436
3	Inner guard half	PGH30	230		8	1000	86.301	1116130
3	Inner guard half	PGH30	230		8	1500	86.301	1116437
4	Outer guard half	PGH30	232	223			-	-
5	Inner guard half	PGH30	232	223			-	-
6	Outer guard half for full guard	PGH30	232	214		1000	86.302	1116377
7	Inner guard half for full guard	PGH30	232	214			86.301	1116376
8	Guard cone	PG30	230	130	8	196	86.34.08	1120038
9	Full guard cone	PG30SW	232	223		362	86.38.60	1120006
10	Full guard cone	PG30SW	232	214		402	86.38.603	1120308
11	Sliding ring	PG30					86.30.00	1109132
12	Safety chain					400	82.36.03	1044321
12	Safety chain					600	82.36.08	1382078
13	Lubrication hole covers	PG30	135				80.65.104	1119851

1) n = number of ribs

4. PTO DRIVE SHAFT GUARD

4.2. PG GUARD, P SERIES



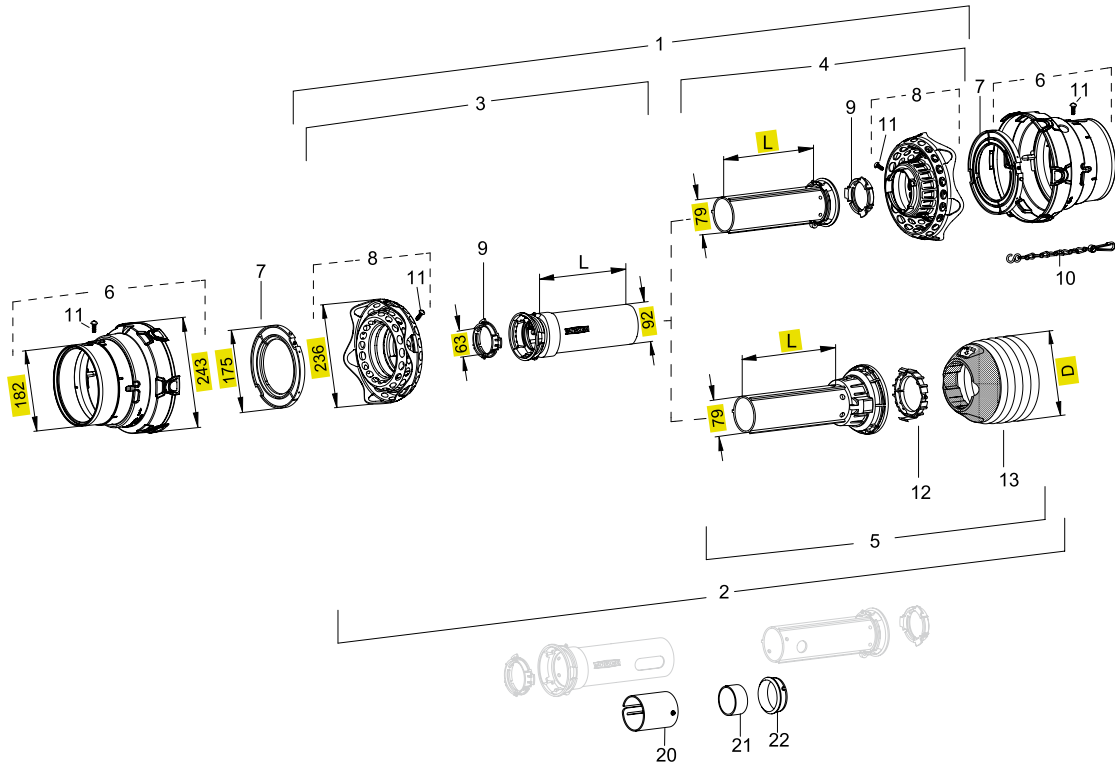
SPGF 20 GUARD FOR SIZE PWE / PWZ 480

Pos.	Designation	Guards	D [mm]	n ¹⁾	L [mm]	Drawing No.	Part No.
1	Guard assembly	SPF25	236		1000	86.200	1136362
2	Guard assembly	SPGF20			1000	86.200	1136367
3	Outer guard half	SPFH25	230		1000	86.202	1136363
3	Outer guard half	SPFH25	230		1500	86.202	1136364
4	Inner guard half	SPFH25	230		1000	86.201	1136365
4	Inner guard half	SPFH25	230		1500	86.201	1136366
5	Inner guard half	PGH20	185	5	1000	86.201	1116127
5	Inner guard half	PGH20	185	5	1500	86.201	1116622
5	Inner guard half	PGH20	180	10	1000	86.201	1116610
6	Guard cone	SD25/20	242		186	85.01.02	1129928
7	Sliding ring for wide angle	SD25	175			82.83.14	1172715
8	Flexo funnel	SDF25/20	236			85.25.62	1134847
9	Sliding ring	SD25				82.83.04	1087276
10	Safety chain				400	82.36.03	1044321
10	Safety chain				600	82.36.08	1382078
11	Screw for guard cones					60.15.00	1365305
12	Sliding ring	PG20				86.20.00	1117229
13	Guard cone	PG20	185	5	157	86.24.05	1120025
13	Guard cone	PG20	180	10	259	86.24.10	1122474
20	Lubrication hole covers	SD25/1PG20				80.64.102	1198303
21	Supporting ring		66			16.20.38	1123099
22	Sliding rings Z for intermediate bearing		72.5			82.83.111	1122376

1) n = number of ribs

4. PTO DRIVE SHAFT GUARD

4.2. PG GUARD, P SERIES



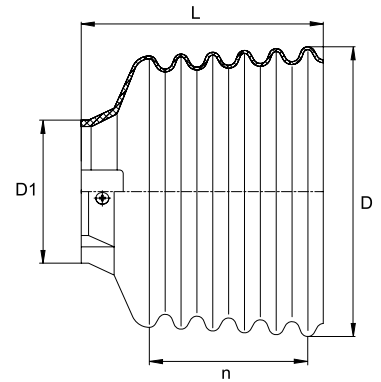
SPGF 20 GUARD FOR SIZE PWE / PWZ 580

Pos.	Designation	Guards	D	n ¹⁾	L	Drawing No.	Part No.
			[mm]		[mm]		
1	Guard assembly	SPF25	236		1000	86.200	1136362
2	Guard assembly	SPGF20			1000	86.200	1136367
3	Outer guard half	SPFH25	230		1000	86.202	1136363
3	Outer guard half	SPFH25	230		1500	86.202	1136364
4	Inner guard half	SPFH25	230		1000	86.201	1136365
4	Inner guard half	SPFH25	230		1500	86.201	1136366
5	Inner guard half	PGH20	185	5	1000	86.201	1116127
5	Inner guard half	PGH20	185	5	1500	86.201	1116622
5	Inner guard half	PGH20	180	10	1000	86.201	1116610
6	Guard cone	SD25/20	243		203	85.01.03	1129929
7	Sliding ring for wide angle	SD25	190			82.83.15	1172716
8	Flexo funnel	SDF25/20	236			85.25.62	1134847
9	Sliding ring	SD25				82.83.04	1087276
10	Safety chain				400	82.36.03	1044321
10	Safety chain				600	82.36.08	1382078
11	Screw for guard cones					60.15.00	1365305
12	Sliding ring	PG20				86.20.00	1117229
13	Guard cone	PG20	185	5	157	86.24.05	1120025
13	Guard cone	PG20	180	10	259	86.24.10	1122474
20	Lubrication hole covers					80.64.102	1198303
21	Supporting ring		66			16.20.38	1123099
22	Sliding rings Z for intermediate bearing		72.5			82.83.111	1122376

1) n = number of ribs

4. PTO DRIVE SHAFT GUARD

4.3. GUARD COMPONENTS



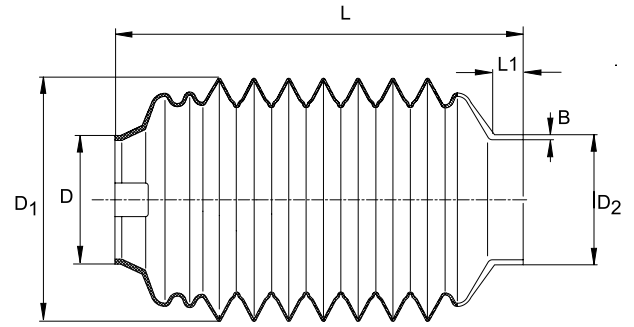
SC GUARD CONE

Guards	D1 [mm]	D [mm]	n ¹⁾	L [mm]	Drawing No.	Part No.
SC05	62	127	3	61	85.05.109	1172752
SC05	62	135	6	104	85.05.06	1365259
SC05	62	127	10	163	85.05.10	1365263
SC15	74	139	3	77	85.14.106	1172750
SC15	74	158	6	132	85.15.06	1365346
SC15	74	152	12	237	85.15.12	1365352
SC25	85	152	3	73	85.24.100	1172760
SC25	85	152	3	77	85.25.102	1160012
SC25	85	154	4	96	85.25.120	1104786
SC25	85	160	7	147	85.25.07	1365367
SC25	85	185	8	170	85.26.08	1365388
SC25	85	156	10	200	85.25.10	1365370
SC25	85	152	12	234	85.25.12	1365372
SC35	103	207	8	172	85.36.08	1170107
SC35	103	177	12	234	85.35.12	1365412
SC35	103	199	12	241	85.36.12	1170111

1) n = number of ribs

4. PTO DRIVE SHAFT GUARD

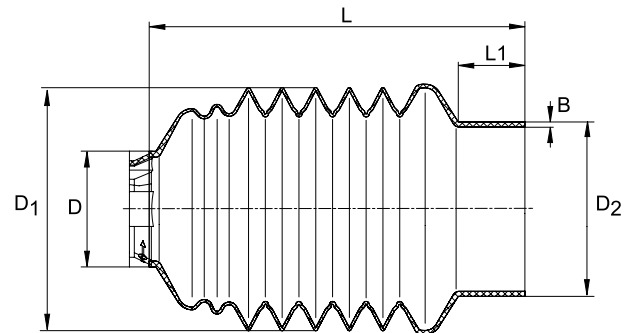
4.3. GUARD COMPONENTS



SPECIAL CONE 1

Designation	D1	D	D2	B	L	L1	Drawing No.	Part No.
	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]		
SC-Cone 05/12	170	62	91	4	282	20	85.06.500	1117247
SC-Cone 15/12	170	74	91	4	290	20	85.15.500	1198103
SC-Cone 25/12	170	85	91	3.5	283	20	85.25.602	1119418
SC-Cone 25/24	170	85	90	3.5	306	17	85.25.500	1189071
SC-Cone 25/22	194	85	105	3.5	317	20	85.26.500	1115931
SC-Cone 25	194	85	122	3.5	312	20	85.26.600	1118017

Only 3 slits and recess on machine side

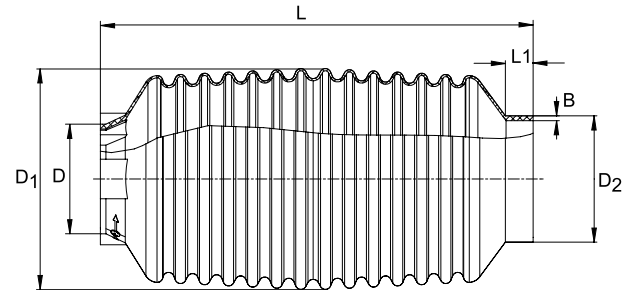


SPECIAL CONE 2

Designation	D1	D	D2	B	L	L1	Drawing No.	Part No.
	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]		
SC-Cone 05/22	145	62	104	3	224	40	85.07.502	1136901
SC-Cone 05/22	194	85	147	3.5	235	45	85.26.504	1139405

4. PTO DRIVE SHAFT GUARD

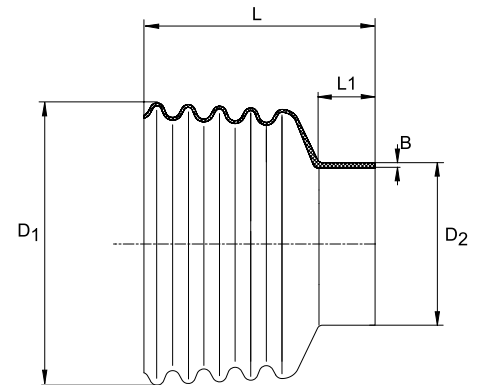
4.3. GUARD COMPONENTS



SPECIAL CONE 3

Designation	D1 [mm]	D [mm]	D2 [mm]	B [mm]	L [mm]	L1 [mm]	Drawing No.	Part No.
SC-Cone 15/12	160	74	91	3.5	311	20	85.15.112	1189208
SC-Cone 15/12	160	74	91	3.5	305	20	85.15.201	1172732
SC-Cone 25/12	160	85	91	3.5	312	20	85.25.200	1178123

Highly elastic material and recess on machine side



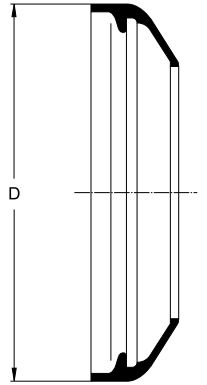
SPECIAL CONE 4

Designation	D1 [mm]	D2 [mm]	B [mm]	n ¹⁾	L [mm]	L1 [mm]	Drawing No.	Part No.
SC-Cone 12	139	91	3.5	10	202	20	84.00.10	1043775
SC-Cone 12	152	91	3.5	12	242	20	84.01.12	1043787
SC-Cone 12	152	104	3	12	244	22	84.10.12	1043798
SC-Cone 12	177	104	3	12	249	22	84.11.12	1043810

1) number of ribs

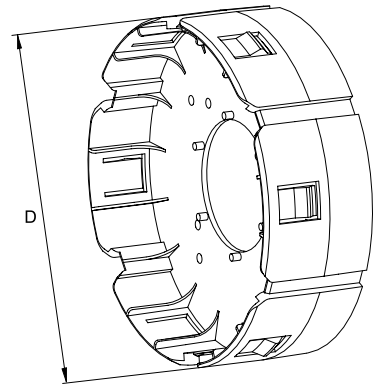
4. PTO DRIVE SHAFT GUARD

4.3. GUARD COMPONENTS



SD SD SUPPORTING RINGS

Guards	D [mm]	Drawing No.	Part No.
SD05	132	83.10.03	1365884
SD15/25	165	82.85.00	1359471
SD25	191	82.85.03	1359474
SD35	218	82.85.07	1178303
SD35	200	82.85.06	1359609

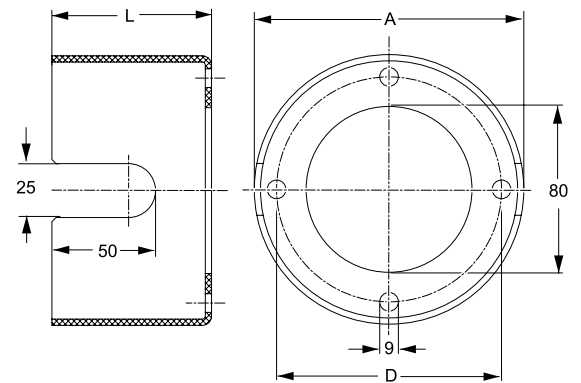


PG ADAPTER

Guards	D [mm]	Drawing No.	Part No.
PG20	162	86.26.22	1117571
PG20/30	211	86.26.23	1117572

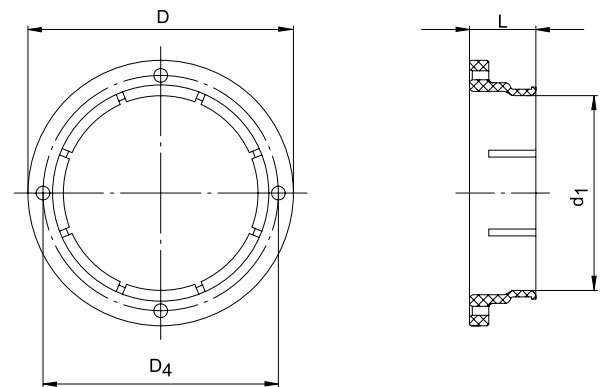
4. PTO DRIVE SHAFT GUARD

4.3. GUARD COMPONENTS



CONNECTION SHIELDS (INTERNAL)

D	A	L	Drawing No.	Part No.
[mm]	[mm]	[mm]		
110	130	77	82.07.00	1102535

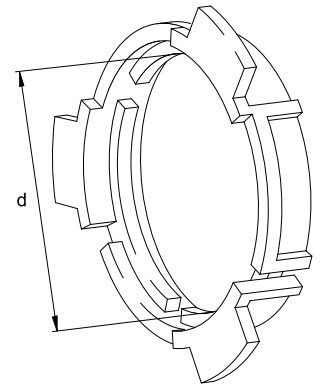


ADAPTER RINGS

Description	Guards	D	D4	L	d1	Part No.
		[mm]	[mm]	[mm]	[mm]	
Agraset 143	SC-adapter GT30-50	124	110	31		1101774
Agraset 144	SC-adapter GT60	145	135	31	115	1101775
Agraset 159	SC-adapter GT51.60	145	135	32	125	1133479

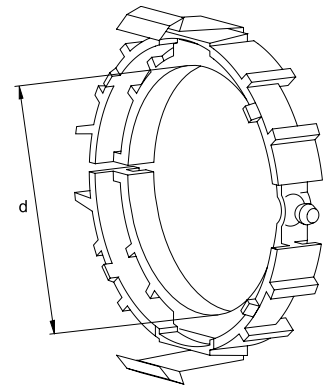
4. PTO DRIVE SHAFT GUARD

4.3. GUARD COMPONENTS



SC/SD SLIDING RINGS

Guards	d [mm]	Drawing No.	Part No.
SD05	42	83.09.01	1359005
SD15	51	82.83.06	1087279
SD25	63	82.83.04	1087276
SD35	82	82.83.07	1342315



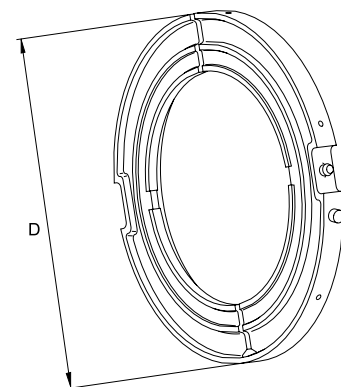
PG SLIDING RINGS

Guards	d [mm]	Drawing No.	Part No.
PG20	77	86.20.00	1117229
PG30	95	86.30.00	1109132

4. PTO DRIVE SHAFT GUARD

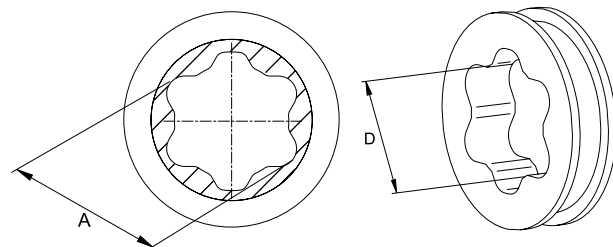


4.3. GUARD COMPONENTS



SD SLIDING RINGS FOR WIDE ANGLE TWIN YOKES

Guards	D [mm]	Drawing No.	Part No.
SD05/15	152	82.83.12	1365716
SD15/25	165	82.83.13	1365717
SD25	175	82.83.14	1172715
SD25	190	82.83.15	1172716



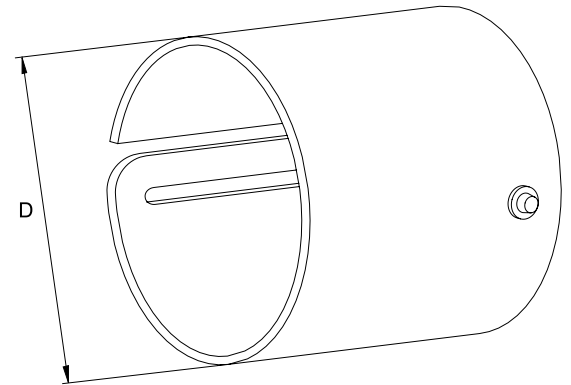
SC BEARING RINGS

Guards	A [Profile]	D [mm]	Drawing No.	Part No.
SC05	00a/00c	25	16.60.05	1315269
SC05	0a	31	16.60.06	1315270
SC15	0v	35	16.33.110	1161372
SC15	1	42	16.33.111	1161373
SC25	1	42	16.33.112	1161374
SC25	1b	40	16.33.113	1161375
SC25	2	50	16.33.115	1161377
SC25	2a	48	16.33.114	1161376
SC25	S4	38	16.33.116	1161378
SC25	S5	48	16.33.117	1161379

4. PTO DRIVE SHAFT GUARD

4.3. GUARD COMPONENTS

Guards	A [Profile]	D [mm]	Drawing No.	Part No.
SC35		63	16.33.122	1388448
PG20		38	16.50.668	1139372
PG30		48	16.50.615	1128700



LUBRICATION HOLE COVERS FOR PROTECTIVE TUBES

Guards	D [mm]	Drawing No.	Part No.
SD15	68	80.61.104	1186313
SD25/1PG20	80	80.64.102	1198303
SD25	92	80.63.112	1188064
SD35	99	80.65.101	1188061
PG30	135	80.65.104	1119851

4. PTO DRIVE SHAFT GUARD



4.3. GUARD COMPONENTS



SUPPORTING RINGS Z FOR INTERMEDIATE BEARING

Guards	Profile	D [mm]	d [mm]	Drawing No.	Part No.
SD15Z	1,1G	51	48,5	16.20.74	1381621
SD25Z	2a, 2aG	62	58	16.20.71	1381284
PG20Z	2a, 2aG, S5*	66	58	16.20.38	1123099

*) Turn down S5 profile without reinforcing collar Z to 57.7 mm diameter



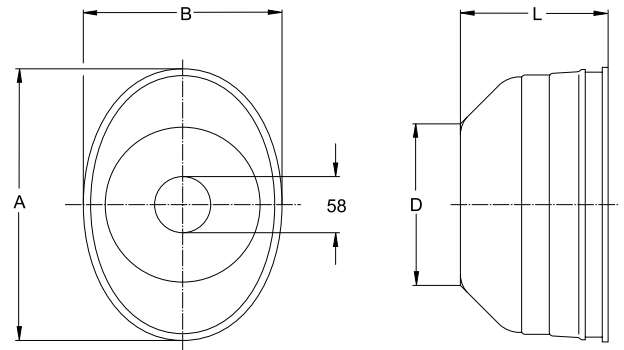
SLIDING RINGS Z FOR INTERMEDIATE BEARING

Guards	D [mm]	d [mm]	Drawing No.	Part No.
SD15Z	56	52	82.83.106	1355154
SD25Z*	68	63	82.83.107	1355155
SD35Z	86	76	82.83.108	1355156
PG25Z	72.5	67	82.83.111	1122376

*) Sliding ring is inserted without reinforcing collar Z on S5 profile tubes

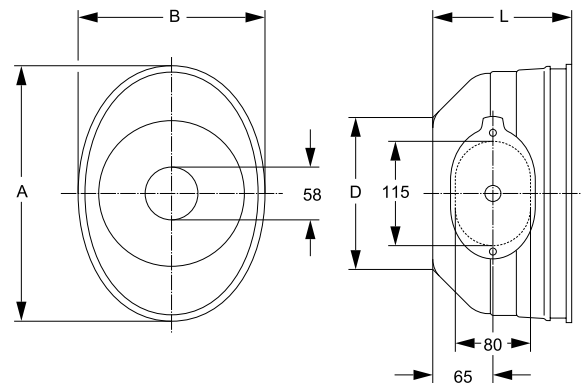
4. PTO DRIVE SHAFT GUARD

4.3. GUARD COMPONENTS



CONNECTION SHIELDS

D	A	B	L	Drawing No.	Part No.
[mm]	[mm]	[mm]	[mm]		
150	200	175	110	82.08	1043670
150	230	200	150	82.09	1043671

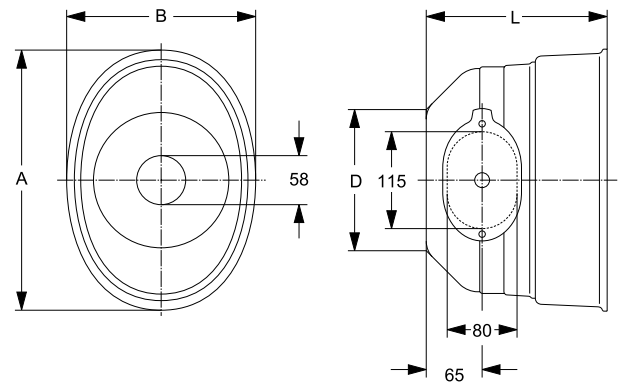


CONNECTION SHIELDS WITH ASSEMBLY OPENING

D	A	B	L	Drawing No.	Part No.
[mm]	[mm]	[mm]	[mm]		
180	238	194	150	82.64	1353039
165	280	200	150	82.63	1353042
230	350	285	150	82.62	1353045
	275	217	150	82.37	1168718
	275	217	180	82.38	1168738
	275	217	210	82.39	1168739

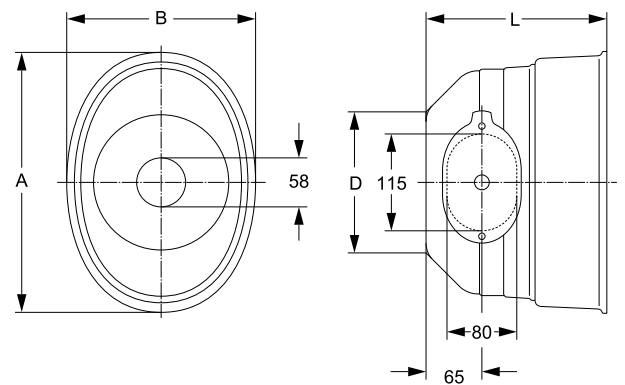
4. PTO DRIVE SHAFT GUARD

4.3. GUARD COMPONENTS



CONNECTION SHIELDS WITH ASSEMBLY OPENING AND RUBBER COLLAR

D	A	B	L	Drawing No.	Part No.
[mm]	[mm]	[mm]	[mm]		
165	280	200	180	82.75	1353041
165	280	200	210	82.76	1353040
230	350	285	180	82.73	1353044
230	350	285	210	82.74	1353043

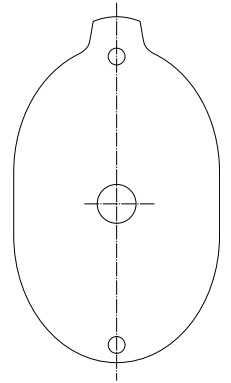


CONNECTION SHIELDS WITH ASSEMBLY OPENING AND PLASTIC COLLAR

D	A	B	L	Drawing No.	Part No.
[mm]	[mm]	[mm]	[mm]		
165	280	200	180	82.77	1378017
165	280	200	210	82.78	1378018
165	280	200	240	82.79	1378019
	275	217	180	82.45	1168719
	275	217	210	82.46	1168720
	275	217	240	82.47	1168721
	275	217	270	82.50	1168734
	275	217	300	82.72	1168737

4. PTO DRIVE SHAFT GUARD

4.3. GUARD COMPONENTS



COVER
FOR CONNECTION SHIELDS

Guards	Drawing No.	Part No.
SC	82.60.00	1358107

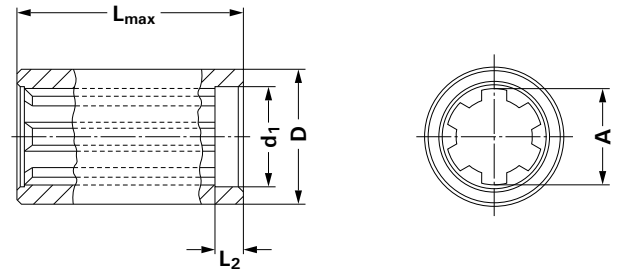
5. ACCESSORIES

- 3.1. CONNECTING PARTS
- 3.2. MAINTENANCE & CARE



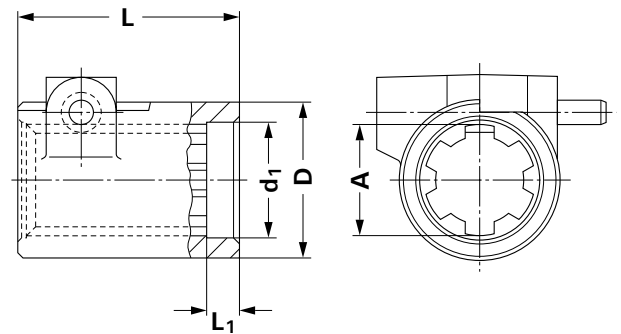
5. ACCESSORIES

5.1. CONNECTING PARTS



PROFILE HUBS WITHOUT LOCK

A	d1	D	L	L2	Drawing No.	Part No.
[Profile]	[mm]	[mm]	[mm]	[mm]		
6 x 21 x 25	30	40	80	20	67.40.169	1105240
1 1/8" (6)		42	160		67.40.111	1045401
1 3/8" (6)		50	130		67.40.100	1045395
1 3/8" (21)		50	130		67.40.122	1045414
1 3/4" (6)		60	80		67.40.123	1045416
1 3/4" (20)		60	80		67.40.209	1084997

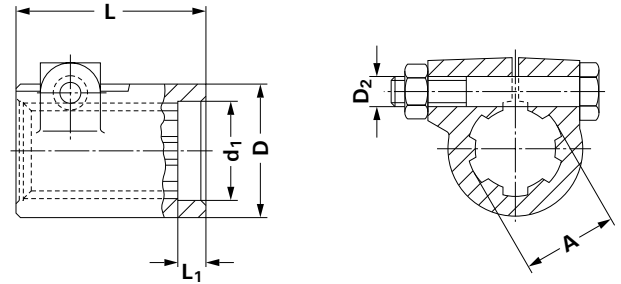


PROFILE HUBS WITH QUICK-DISCONNECT PIN

A	d1	D	L	L1	Drawing No.	Part No.
[Profile]	[mm]	[mm]	[mm]	[mm]		
1 1/8" (6)		50	70		16.03.103	1044841
1 3/8" (6)		50	70		16.03.01	1042691
1 3/8" (6)	38	50	70	10	16.03.100	1044838
1 3/8" (6)		50	93		16.15.101	1044850
1 3/4" (6)	45	60	66	15	16.22.100	1040434

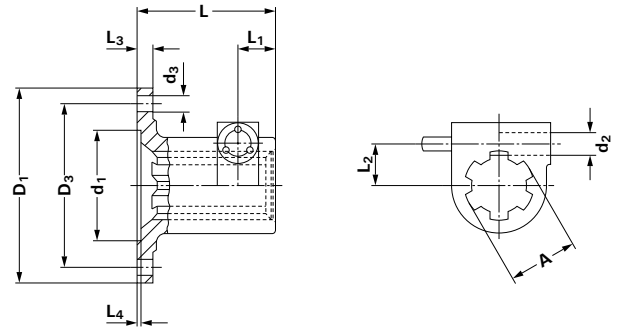
5. ACCESSORIES

5.1. CONNECTING PARTS



PROFILE HUBS WITH LOCKING SCREW

A	D	d1	D2	L	L1	Drawing No.	Part No.
[Profile]	[mm]	[mm]	[mm]	[mm]	[mm]		
1 3/8" (6)	50	-	M12	70	-	16.03.141	1184075
1 3/4" (6)	60	-	M16	66	-	16.22.126	1174899



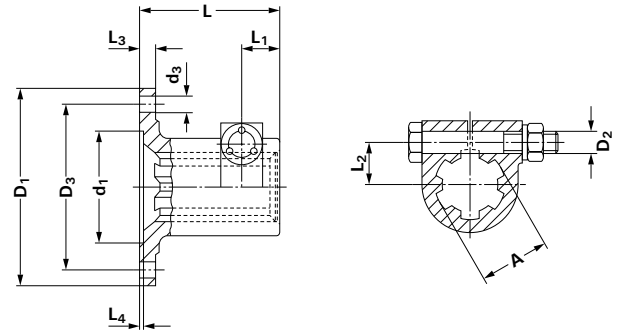
FLANGED HUBS WITH QUICK-DISCONNECT PIN

Max. 1,090 Nm for bolt class 8.8, max. 1,500 Nm for bolt class 10.9; n = No. holes

A	d1	d2	d3	D1	D3	n	L	L1	L2	L3	L4	Drawing No.	Part No.
[Profile]	[mm]	[mm]	[mm]	[mm]	[mm]	[number of bores]	[mm]	[mm]	[mm]	[mm]	[mm]		
1 1/8" (6)	47	13	8.2	90	74.5		62	32	18.5	8.5	2.5	16.02.01	1042687
1 1/8" (6)	57	13	8.2	100	84	6	62	32	18.5	8.5	2.5	16.02.00	1042686
1 3/8" (6)	47	13	8.2	90	74.5		72	20	21.5	8.5	2.5	16.01.01	1042679
1 3/8" (6)	57	13	8.2	100	84	6	72	20	21.5	8.5	2.5	16.01.00	1042678
1 3/8" (21)	57	13	8.2	100	84	6	72	20	21.5	8.5	2.5	16.01.18	1389830
1 3/4" (6)	57	16	8.2	100	84	6	72	24	27	8.5	2.5	16.16.00	1080740
1 3/4" (6)	75	16	8.2	120	101.5	8	72	24	27	10.5	2.5	16.16.02	1080742
1 3/4" (20)	57	16	8.2	100	84	8	72	24	27	8.5	2.5	16.16.04	1114020

5. ACCESSORIES

5.1. CONNECTING PARTS



FLANGED HUBS WITH LOCKING SCREW

Max. 1,090 Nm for bolt class 8.8, max. 1,500 Nm for bolt class 10.9; n = No. holes

A	d1	d3	D1	D3	n	L	L1	L2	L3	L4	Drawing No.	Part No.
[Profile]	[mm]	[mm]	[mm]	[mm]	[number of bores]	[mm]	[mm]	[mm]	[mm]	[mm]		
1 3/8" (6)	47	8.2	90	74.5		72	20	21.5	8.5	2.5	16.01.05	1042683
1 3/8" (6)	57	8.2	100	84	6	72	20	21.5	8.5	2.5	16.01.04	1042682
1 3/8" (21)	57	8.2	100	84	6	72	20	21.5	8.5	2.5	16.01.12	1047046
1 3/4" (6)	75	10.2	120	101.5	8	72	24	27	8.5	2.5	16.16.100	1080894

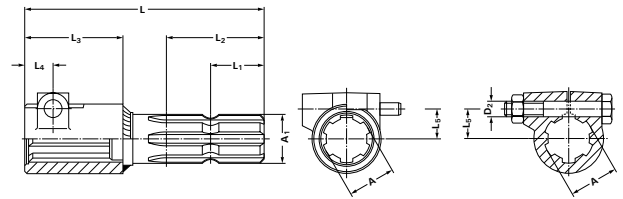
FLANGE PIVOT

Max. 1,090 Nm for bolt class 8.8, max. 1,500 Nm for bolt class 10.9; n = No. holes

A	d1	d2	D1	n	L	L1	L2	L3	L4	L5	Drawing No.	Part No.
[Profile]	[mm]	[mm]	[mm]	[number of bores]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]		
1 1/8" (6)	47	8.2	90		90	16	30	40	9	2.5	16.09.07	1042701
1 3/8" (6)	42	6.2	75	6	101	38	23	58	7	2.5	16.09.102	1044799
1 3/8" (6)	47	8.2	90		110	38	30	60	8.5	2.5	16.09.06	1042700
1 3/8" (6)	57	8.2	100	6	110	38	30	60	8.5	2.5	16.09.00	1042694
1 3/8" (6)	75	8.2	120	8	110	38	30	60	10.5	2.5	16.09.03	1042697
1 3/8" (21)	57	8.2	100	6	90	25	30	40	9	2.5	16.09.09	1044896
1 3/8" (21)	75	8.2	120	8	90	25	30	40	10.5	2.5	16.09.10	1044897
1 3/4" (6)	75	8.2	120	8	125	38	30	75	10.5	2.5	16.09.108	1085368
1 3/8" (6)	98	12.5	160	6	116	38	36	60	15	2	16.09.121	1107402
1 3/4" (6)	120	12.5	165	8	116	38	36	60	16	2	16.09.128	1137755

5. ACCESSORIES

5.1. CONNECTING PARTS



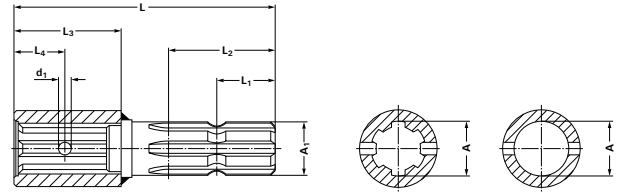
REDUCERS AND EXTENSIONS WITH QUICK-DISCONNECT PIN OR LOCKING SCREW

Max. 30 kW / 40 HP; do not use for tractor power take-offs!

Designation	A	A1	L	L1	L2	L3	L4	L5	Style	Drawing No.	Part No.
	[Profile]	[Profile]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]			
Reducer	1 1/8" (6)	1 3/8" (6)	160	38	60	65	20	18.5	KF	67.10.167	1084621
Reducer	1 3/8" (6)	1 1/8" (6)	150	16	49	65	20	21.5	KF	67.10.165	1084378
Reducer	1 3/8" (6)	1 3/4" (6)	180	38	75	65	20	21.5	KF	67.10.155	1083504
Reducer	1 3/8" (6)	1 3/4" (20)	180	38	76	65	20	21.5	KF	67.10.231	1111333
Reducer	1 3/8" (21)	1 3/8" (6)	175	38	75	65	20	20.5	KF	67.10.162	1084333
Reducer	1 3/4" (6)	1 3/8" (6)	175	38	75	63	24	27	KF	67.10.156	1083505
Reducer	1 3/4" (20)	1 3/8" (6)	175	38	75	63	24	27	KF	67.10.166	1084379
Reducer	1 3/4" (20)	1 3/8" (21)	168	25	64	63	24	27	KF	67.10.216	1378706
Reducer	1 3/8" (21)	1 3/8" (6)	160	38	60	65	20	21.5		67.10.221	1179327
Reducer	1 3/8" (6)	8x32x38	180	40	78	70	20	21.5	KF	67.10.229	1194177
Extension	1 3/8" (6)	1 3/8" (6)	175	38	75	65	20	21.5		67.10.164	1084343
Extension	1 3/8" (6)	1 3/8" (6)	175	38	75	65	20	21.5	KF	67.10.154	1083498
Extension	1 3/8" (21)	1 3/8" (21)	188	38	68	65	20	21.5	KF	67.10.235	1114161

5. ACCESSORIES

5.1. CONNECTING PARTS



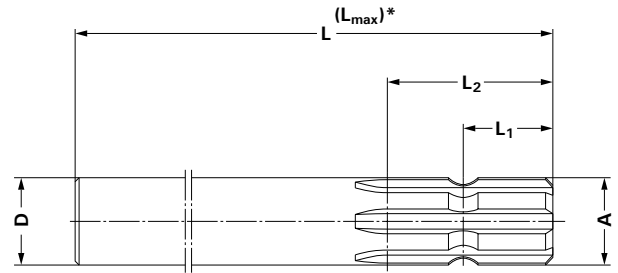
REDUCERS AND EXTENSIONS WITH HOLE FOR SPRING-TYPE STRAIGHT PIN

Max. 30 kW / 40 HP; do not use for tractor power take-offs!

Designation	A	A1	d1	L	L1	L2	L3	L4	Drawing No.	Part No.
	[Profile]	[Profile]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]		
Reducer	1 1/8" (6)	1 3/8" (6)	8,2	150	38	75	47	33	67.10.00	1043141
Reducer	1 3/8" (6)	1 1/8" (6)	8,2	148	16	49	60	33	67.10.03	1043150
Reducer	1 3/8" (6)	1 3/8" (21)		150	25	55	60		67.10.159	1084312
Reducer	1 3/4" (6)	1 3/8" (6)	10	185	38	75	70		67.10.06	1043159
Reducer	25 R7	1 3/8" (6)		160	38	75	50	43	67.10.10	1043169
Reducer	30 R7	1 3/8" (6)		160	38	75	50		67.10.07	1043162
Reducer	35 R7	1 3/8" (6)		160	38	75	50		67.10.08	1043165
Reducer	40 R7	1 3/8" (6)		180	38	75	65		67.10.11	1043172
Reducer	45	1 3/8" (6)		185	38	75	65		67.10.12	1043175
Extension	1 3/8" (6)	1 3/8" (6)	8,2	170	38	75	60	33	67.20.01	1043319
Extension	1 3/4" (6)	1 3/4" (6)		190	38	75	70		67.10.158	1084311

5. ACCESSORIES

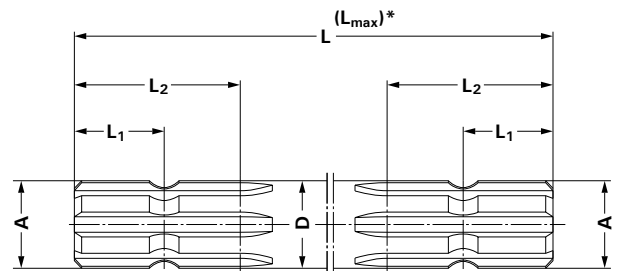
5.1. CONNECTING PARTS



SHAFT CONNECTIONS WITH PROFILE MILLED ON ONE SIDE

A	D	L	L1	L2	Drawing No.	Part No.
[Profile]	[mm]	[mm]	[mm]	[mm]		
6 x 21 x 25	27,5	300	16	49	67.30.700	1045905
1 1/8" (6)	30	300	16	49	67.30.702	1042881
1 3/8" (6)	35	300	38	75	67.30.704	1042880
1 3/8" (21)	35	300	25	64	67.31.700	1042671
1 3/4" (6)	50	300	38	75	67.30.706	1043115
1 3/4" (20)	50	300	38	76	67.32.100	1111069

*) $L_{max} = 3,000$ mm, where L_2 may not exceed 400 mm



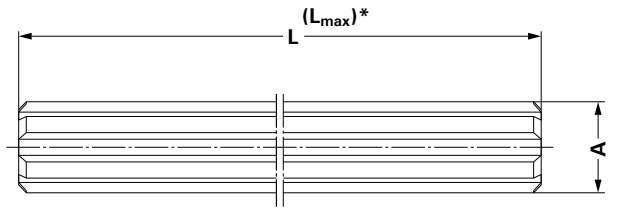
SHAFT CONNECTIONS WITH PROFILE MILLED ON BOTH SIDES

A	D	L	L1	L2	Drawing No.	Part No.
[Profile]	[mm]	[mm]	[mm]	[mm]		
6 x 21 x 25	27,5	300	16	49	67.30.701	1018951
1 1/8" (6)	30	300	16	49	67.30.703	1043109
1 3/8" (6)	35	300	38	75	67.30.705	1042894
1 3/8" (21)	35	300	25	64	67.31.701	1043137
1 3/4" (6)	50	300	38	75	67.30.707	1043122
1 3/4" (20)	50	300	38	76	67.32.101	1111070

*) $L_{max} = 3,000$ mm, where L_2 may not exceed 400 mm

5. ACCESSORIES

5.1. CONNECTING PARTS



PROFILE SHAFTS WITH CONTINUOUS MILLED PROFILE

A	L	Drawing No.	Part No.
[Profile]	[mm]		
6 x 21 x 25**	400	67.33.100	1327378
1 1/8" (6)*	300	67.30.253	1045464
1 3/8" (6)*	300	67.30.164	1045448
1 3/8" (21)***	300	67.30.274	1045324
1 3/4" (6)*	300	67.30.122	1093850

*) $L_{max} = 3000\text{mm}$

**) $L_{max} = 400\text{mm}$

***) $L_{max} = 300\text{mm}$

5. ACCESSORIES

5.2. MAINTENANCE & CARE



MAINTENANCE AND CARE

Designation	Technical data	Part No.
Agraset 116	Special grease 50 gr tube	1304291
Agraset 147	Special grease 1kg container	1102966
Agraset 133	400ml „Walterscheid Yellow“ Paint	1099661

ABBREVIATION DESCRIPTION

AG	Quick Disconnect Pin yoke
ASG	Slide collar yoke (metal)
ASGE	Slide collar yoke (plastic)
AGCC	Clamping cone yoke
AGKF	Interfering clamp yoke
AGKK	Non Interfering clamp yoke
AZGE	Slide collaryoke
QSG	Slide collar yoke (automatic)
KG	Clutch yoke
FG	Flange yoke
ZV	Slide collar open
CC	Clamping cone
AS	Slide collar close
AZG	Slide collar open
KB	Clamping bridges
KF	Clamping lock
STIFT	Quick Disconnect Pin
QS	Slide collar (automatic)
ZS	Centralscrew
R	Right hand rotation
L	Left hand rotation
RH	right hand
LH	left hand
DIN	German industry standard
EN	European standard
SPB	Spring pin hole
BBS	bushing bottom lubrication

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NOTES











1. DRIVE SHAFTS







-  1.1. Series **W**
-  1.2. Series **P** (Power Drive)
-  1.3. Series **W...E** (Ecoline)
-  1.4. Series **W** with single wide angle joint **WWE**
-  1.5. Series **W** with double wide angle joint **WWZ**
-  1.6. Series **W** drive shafts half
-  1.7. Series **P** with single wide angle joint **PWE**
-  1.8. Series **P** with double wide angle joint **PWZ**
-  1.9. Series **P** drive shafts half

WALTERSCHEID




2. DRIVE SHAFT COMPONENTS

-  2.1. Joints
-  2.2. Yokes
-  2.3. Special yokes
-  2.4. Wide angle yokes
-  2.5. Cross and bearing kits
-  2.6. Profile
-  2.7. Profile spare parts
-  2.8. Locking mechanisms for yokes & clutches

3. CLUTCHES

-  3.1. Radial pin clutches
-  3.2. Cam clutches
-  3.3. Shear bolt clutches
-  3.4. Friction clutches
-  3.5. Overrunning clutches
-  3.6. Rotary clearance clutches

4. GUARDS

-  4.1. SD guard for type **W**
-  4.2. PG guard for type **P** (Power drive)
-  4.3. Guard components

5. ACCESSORIES

- 5.1. Connecting parts
- 5.2. Maintenance & care

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