

FLEXIBLE COUPLINGS

■ Coupling importance

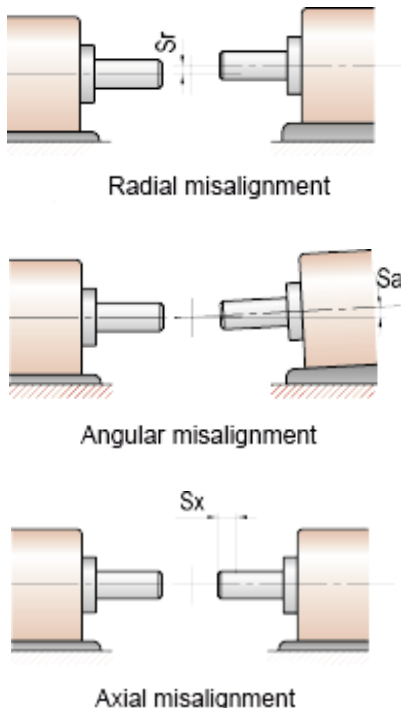
A large number of mechanical installations involve the problem of transmitting movement between the machine shafts. The coupling is the simplest manner of achieving this transmission since it works by joining the two ends of these shafts, thus transmitting rotation from one to the other. Not only does correct equipment operation depend on good resolution of the transmission problem, but also the useful lifetime of the encoders or coupled machines.

■ Selection

Coupling selection must be a compromise between factors, such as cost, available installation space, the required duration and transmission performance, which must satisfy requirements, such as:

■ Absorption of shaft misalignment and loads

Due to dimensional errors inherent in all mechanical installations, the shafts to be installed will maintain certain positional differences or "misalignment" between the two and this will hinder the transmission of movement. This misalignment may be axial, radial or angular.



In all cases, the employed coupling system must be able to absorb such misalignment and prevent any negative effects of loads on shafts, bearings, supports and frames. Misalignment can also cause fatigue or wear in the coupling and therefore, during selection, the rotation speed must be taken into account, reducing as much as possible the maximum acceptable misalignment figures that are given in the tables for each model.



■ For transmission

This is not important for measurement systems. For power drives, it should be verified that the torque to be transmitted is less than the rated torque given in the performance tables, with greater margins in accordance with the expected misalignment.

■ Kinematic precision

In measurement systems and high-precision drives, it is important that the coupling does not cause any positional phase differences between the shafts.

All models in the ENCO-FLEX range are free from torsional play and only the OLDHAM may acquire a certain amount of free play after a time working with significant radial misalignment (and this can be corrected by replacing the disc). If the load torque or inertia in the driven shaft is significant, phase differences may be produced due to the torsional elasticity in the coupling. In such cases, the use of models that are not very rigid, such as the SPRING-FLEX or POLY-FLEX, should be avoided.

■ Rotation speed

The OLDHAM-FLEX and SPRING-FLEX models are not suitable for high-speed shafts, especially if there is significant misalignment. For the rest of the couplings, it must be taken into account that their useful lifetime depends on fatigue and hence the speed at which they operate.

■ Securing to shafts

Couplings can be supplied with fixing setscrews (two at 90°) or with a built-in clamp-flange.

Clamp securing has the advantage of not producing any marks on the shafts, thus they are better able to withstand sharp inversions and vibration. Setscrews are more economic and allow larger diameters to be employed for the same coupling. The inconvenience of setscrews is that they can produce flaw on the shafts. Moreover, they can loosen due to vibration, but this can be avoided by using a semi-permanent adhesive.

COUPLING **ALU-FLEX**

ALUMINIUM GROOVED FLEXIBLE COUPLINGS

- Without free-plays. They do not produce any speed variations in the transmission
- High torsional rigidity
- Available with setscrews and built-in clamps
- Resistant to oils and chemical products
- Mechanical protection against excessive torque



ALU-FLEX are single flexible couplings in a single piece, machined from hardened aluminium alloy.

They are suitable for transmissions that require moderate torque and when shaft misalignment is not very large. They act as mechanical fuses to excessive torques.

These couplings are suitable for measurement and control systems, together with reduced torque drives. They permit transmission of very precise kinematic movement, without free-play and with low torsional elasticity. They are recommended for auxiliary machines, tachometric generators potentiometers and encoders etc. The coupling will absorb errors in alignment and shaft installation.

TECHNICAL SPECIFICATIONS

Type	Torque Ncm	Clamping torque Ncm	Max.speed r.p.m.	Admissible max.misalignment			Torsion spring stiffness Ncm/rad	Radial spring stiffness N/mm	Weight gr	Inertia gcm ²
				Angular degree	Axial mm	Radial mm				
AFP 6508	2	8	8.000	±2	±0,15	±0,1	0,55	24	0,5	0,02
AFP 1015	15	15	8.000	±2	±0,2	±0,15	2,2	22	2,4	0,34
AFP 1218	25	35	8.000	±2,5	±0,25	±0,15	2,8	28	4	0,83
AFP 1622	40	50	8.000	±3	±0,3	±0,2	5	34	9,5	3,2
AFP 1922	60	50	8.000	±3,5	±0,4	±0,25	9	40	13	6,7
AFP 2524	100	120	8.000	±4	±0,5	±0,3	20	60	26	22,2
AFP 2532	100	120	8.000	±4	±0,5	±0,3	18	50	35	30
AFP 3030	150	120	8.000	±4	±0,5	±0,3	21	60	45	57
AFP 3038	150	120	8.000	±4	±0,5	±0,3	21	60	60	76
AFA 1421	50	50	6.000	±3	±0,25	±0,2	4,5	22	6,5	1,9
AFA 1625	60	50	6.000	±3,5	±0,3	±0,2	5,5	30	10	3,8
AFA 1928	80	80	6.000	±4	±0,4	±0,25	8	36	16	8,7
AFA 2532	120	100	6.000	±4	±0,5	±0,35	16	45	34	29
AFA 3038	150	100	6.000	±0,4	±0,5	±0,35	19	60	58	76



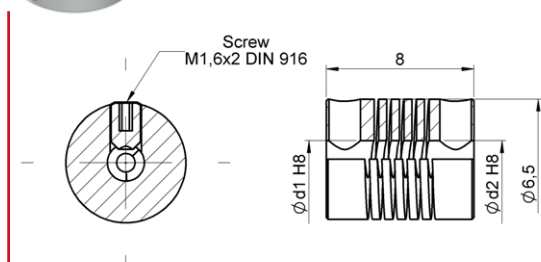
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02/02

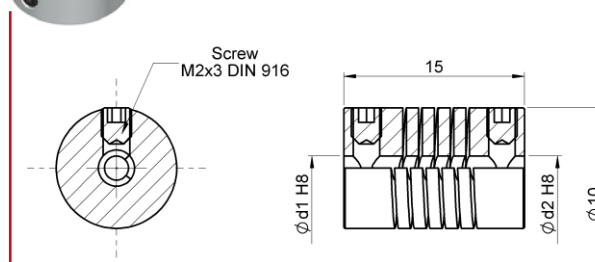


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02/05
03/03
03/05



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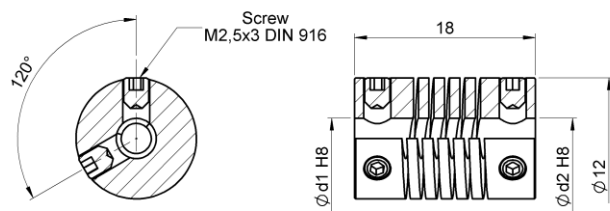


Ordering code example: AFP 1015 02/02



TYPE AFP 1218

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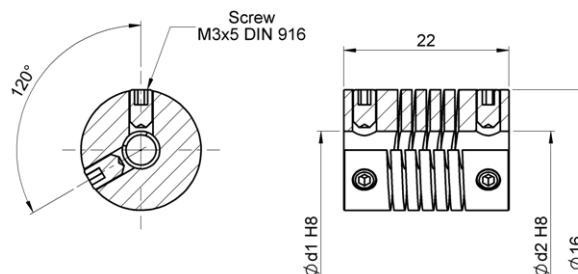


Ordering code example: AFP 1218 04/04



TYPE AFP 1622

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06/06

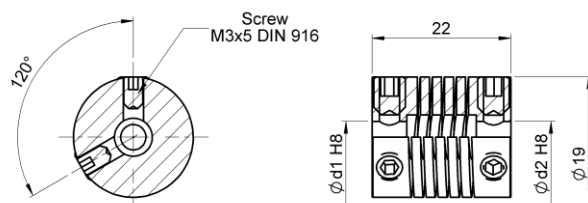


Ordering code example: AFP 1622 06/06



TYPE AFP 1922

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05/05
06/06

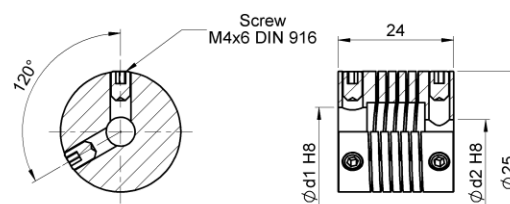


Ordering code example: AFP 1922 06/06



TYPE AFP 2524

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06/08
06/10
08/08
10/10
12/12

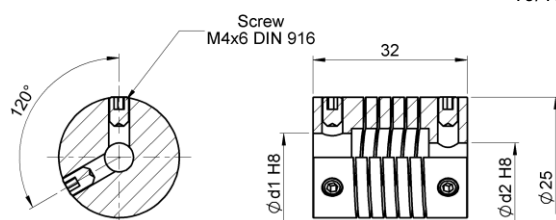


Ordering code example: AFP 2524 06/06



TYPE AFP 2532

Ø int. d1/d2
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06/08
08/08
08/10
10/10
10/12
10/10

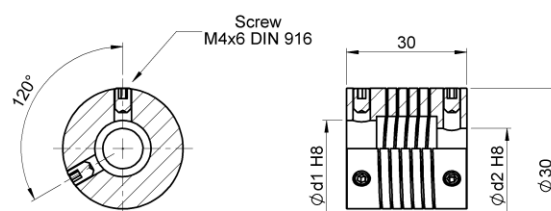


Ordering code example: AFP 2532 10/10



TYPE AFP 3030

Ø int. d1/d2
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10/12
10/14

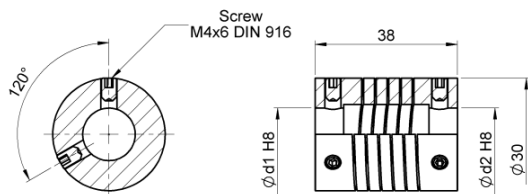


Ordering code example: AFP 3030 10/10



TYPE AFP 3038

Ø int. d1/d2
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12/12
14/14

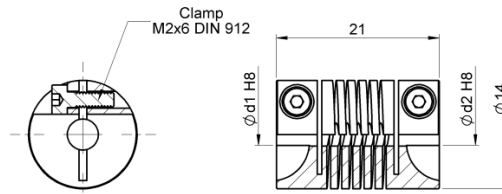


Ordering code example: AFP 3038 12/12



TYPE AFA 1421

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02/03
03/03
03/04
04/04

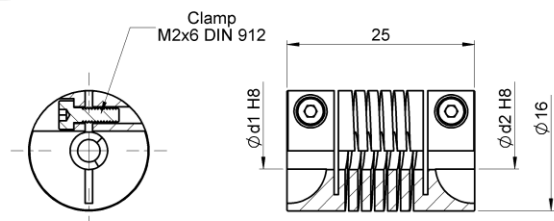


Ordering code example: AFA 1421 04/04



TYPE AFA 1625

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03/05
04/04
05/05

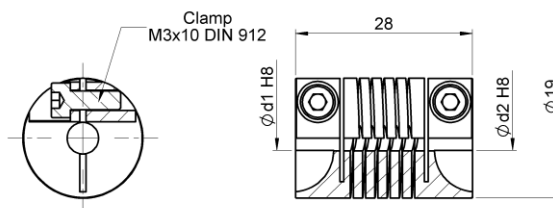


Ordering code example: AFA 1625 05/05



TYPE AFA 1928

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04/06
05/05
05/06
06/06

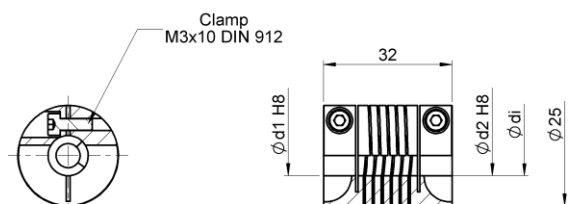


Ordering code example: AFA 1928 06/06



TYPE AFA 2532

Ø int. d1/d2
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06/08
06/10
08/08
08/10
10/10
10/12

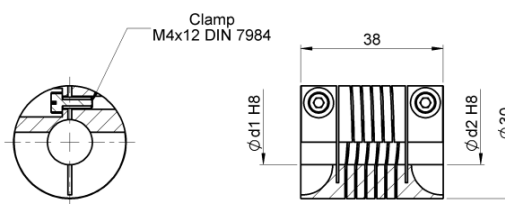


Ordering code example: AFA 2532 10/10



TYPE AFA 3038

Ø int. d1/d2
10/10
12/12
14/14



Ordering code example: AFA 3038 12/12

COUPLING **POLY-FLEX**

ACETAL GROOVED FLEXIBLE COUPLINGS

- Absorption of significant angular and radial deviations
- Low inertia
- Free of speed variations in the transmission
- Torsional vibration attenuation
- Electric and thermal insulation between the shafts
- Mechanical protection against excessive torque



POLY-FLEX are flexible couplings manufactured in polyamide and reinforced with fibreglass. Reduced size for applications that do not require high torque and where there is significant shaft misalignment. The material provides excellent resistance to fatigue, which makes it very suitable for high-speed couplings. It absorbs torsional vibration and insulates the shafts both electrically and thermally, acting, where necessary, as a mechanical fuse.

The tightening of the setscrews has been reinforced by incorporating an aluminium fitting.

These couplings are suitable for measurement systems and machines that do not offer high resistant torque values. They are recommended for tachometric generators potentiometers and encoders, etc.

POLY-FLEX couplings can be used in the temperature range of -30° to 85°.

TECHNICAL SPECIFICATIONS

Type	Torque	Clamping torque	Max. speed	Admissible max. misalignment			Torsion spring stiffness	Radial spring stiffness	Weight	Inertia
	Ncm	Ncm	r.p.m.	Angular degree	Axial mm	Radial mm	Ncm/rad	N/mm	gr	gcm ²
PFP 1520	20	70	12.000	±2,5	±0,2	±0,3	12	45	6	2
PFP 2224	80	150	10.000	±3	±0,2	±0,3	38	115	10	7



TYPE PFP 1520

Ø int. d1/d2

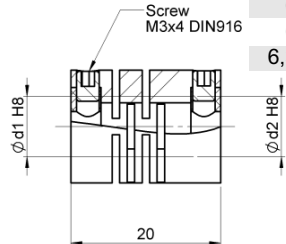
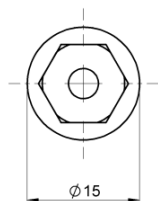
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03/05
03/06
04/04
04/05
04/06
05/05
05/06
06/06
6,35/6,35



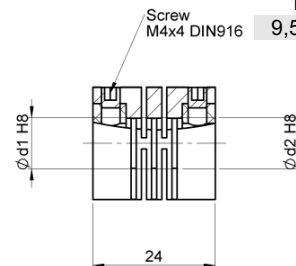
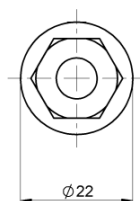
TYPE PFP 2224

Ø int. d1/d2

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06/06
06/08
06/10
6,35/6,35
08/10
10/10
9,52/9,52



Ordering code example: PFP 1520 06/06



Ordering code example: PFP 2224 08/08

COUPLING **SPRING-FLEX**

FLEXIBLE COUPLING SPRINGS

- Absorption of significant misalignment
- Elimination of loads due to shaft misalignment
- Free of wear and fatigue
- Vibration absorption
- High torsional elasticity
- Protection against sudden acceleration in transmission



SPRING-FLEX couplings are based on the use of a helicoid spring as an elastic transmission element. These springs are constructed from stainless steel with a plane section. Spring ends are designed to prevent its rotation.

The result is a highly elastic coupling that enables very misaligned shafts to be coupled without the reactions on the bearings being excessively high. The coupling maintains its properties in both direc-

tions of rotations.

They are suitable for measurement systems and machines that do not offer a very high load torque and where the alignment of the shafts is not too tight or can cause variations (heat expansion, vibration and movements etc).

TECHNICAL SPECIFICATIONS

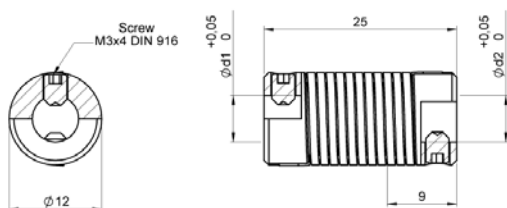
Type	Torque Ncm	Clamping torque Ncm	Max. speed r.p.m.	Admissible max.misalignment			Torsion spring stiffness Ncm/rad	Radial spring stiffness N/mm	Weight gr	Inertia gcm ²
				Angular degree	Axial mm	Radial mm				
SFP 1225	30	70	8.000	±5	±0,5	±0,5	40	60	14	2,8
SFP 1635	100	150	3.000	±5	±1	±1	50	70	28	10
SFP 2650	300	300	3.000	±5	±1	±1,5	40	60	100	95



TYPE SFP 1225

Ø int. d1/d2

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03/04
03/05
04/04
04/05
04/06
05/05
06/06



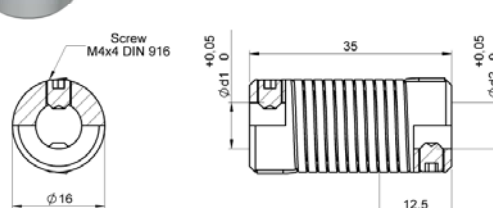
Ordering code example: SFP 1225 06/06



TYPE SFP 1635

Ø int. d1/d2

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04/05
04/06
05/05
05/06
06/06
06/08
08/08



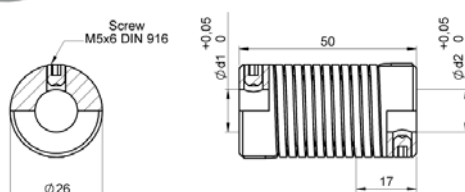
Ordering code example: SFP 1635 08/08



TYPE SFP 2650

Ø int. d1/d2

06/06
06/08
06/10
08/08
08/10
10/10
10/12
12/12



Ordering code example: SFP 2650 10/12

COUPLING **BELLOW-FLEX**

FLEXIBLE METAL BELLOWS COUPLINGS

- High absorption of misalignments
- Elimination of loads on the shafts due to misalignment
- No wear and tear or fatigue
- No cinematic errors in transmission
- High torsional stiffness



BELLOW-FLEX couplings are based on the use of flexible metal bellows that can transmit the moment of rotation while compensating for errors of alignment without hardly any distortion due to torsional elasticity.

The characteristics of the BELLOW-FLEX produce speed transmission of great precision, including high torque and speeds, which

recommend them for servo-actions, precision machinery, installation of control and measurement, etc.

The number of convolutions in the bellow has been chosen in the search for a compromise between the transmittable torque and the admissible misalignments.

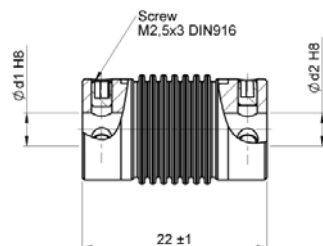
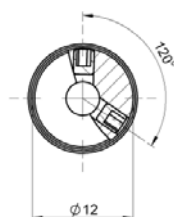
TECHNICAL SPECIFICATIONS

Type	Torque	Clamping torque	Max.speed	Admissible max.misalignment			Torsion spring stiffness	Radial spring stiffness	Weight	Inertia
	Ncm	Ncm	r.p.m.	Angular degree	Axial mm	Radial mm	Ncm/rad	N/mm	gr	gcm ²
BFP 1222	15	50	10.000	±2,5	±0,4	±0,2	45	30	8	1,8
BFP 1520	15	15	10.000	±3	±0,4	±0,2	90	40	6	2
BFP 1525	40	40	10.000	±4	±0,5	±0,3	70	15	7	2,3
BFP 2029	80	150	10.000	±4	±0,4	±0,25	150	25	15	8
BFP 2035	80	150	10.000	±4	±0,5	±0,3	140	10	16	9
BFA 1622	40	50	10.000	±3	±0,4	±0,2	90	40	6	2,1
BFA 1627	40	50	10.000	±4	±0,5	±0,3	70	15	7	2,6
BFA 2129	80	100	10.000	±4	±0,4	±0,25	150	25	15	9
BFA 2135	80	100	10.000	±4	±0,5	±0,3	140	10	16	9,5
BFA 2435	80	100	10.000	±4	±0,5	±0,3	140	10	18	10,8
BFP 1223	13	79	10.000	±15	±2,29	±0,54	28	4,2	10	1,85
BFP 1730	39	132	10.000	±14	±3,09	±0,72	80	5,8	10	3,81
BFP 2533	328	132	10.000	±8	±2,77	±0,46	462	38,1	19,5	16,1
BFA 1733	39	35	10.000	±14	±3,09	±0,72	80	5,8	11,5	4,89
BFA 2537	328	66	10.000	±8	±2,77	±0,46	462	38,1	28,5	25,4



TYPE BFP 1222

Ø int. d1/d2
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04/04
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05/05
06/06

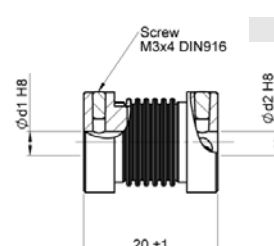
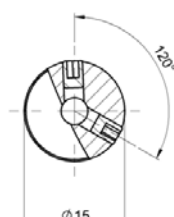


Ordering code example: BFP 1222 06/06



TYPE BFP 1520

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03/05
03/06
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04/06
05/05
06/06

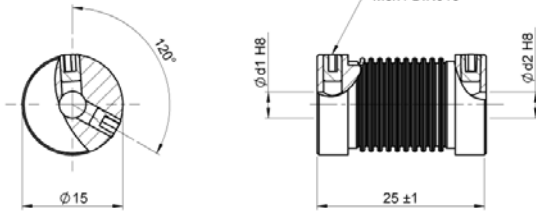


Ordering code example: BFP 1520 04/04



TYPE BFP 1525

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04/04
04/05
04/06
05/05
06/06

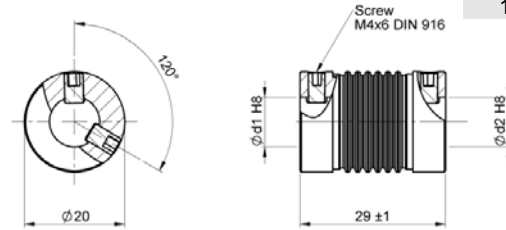


Ordering code example: BFP 1525 03/03



TYPE BFP 2029

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06/06
06/10
08/08
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10/12
12/12

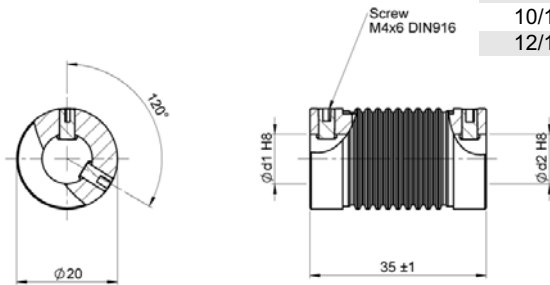


Ordering code example: BFP 2029 06/06



TYPE BFP 2035

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06/06
06/10
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10/10
10/12
12/12

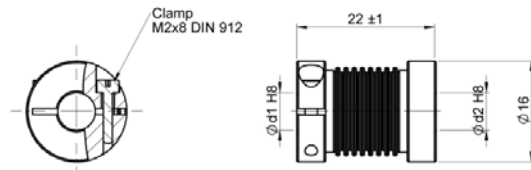


Ordering code example: BFP 2035 10/12



TYPE BFA 1622

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03/06
04/04
04/05
04/06
05/05
06/06

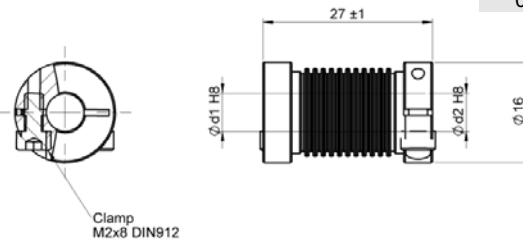


Ordering code example: BFA 1622 06/06



TYPE BFA 1627

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04/06
05/05
04/06

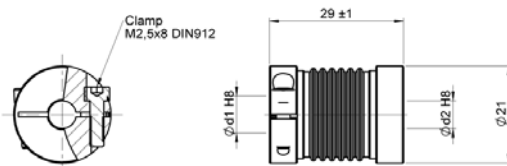


Ordering code example: BFA 1627 06/06



TYPE BFA 2129

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10/10

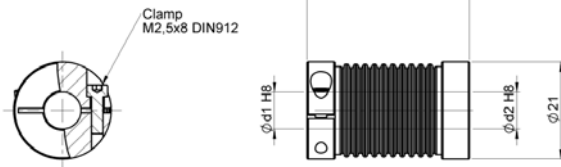


Ordering code example: BFA 2129 10/10



TYPE BFA 2135

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06/10
08/08
10/10

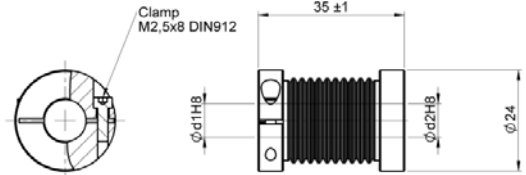


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TYPE BFA 2435

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10/12
12/12

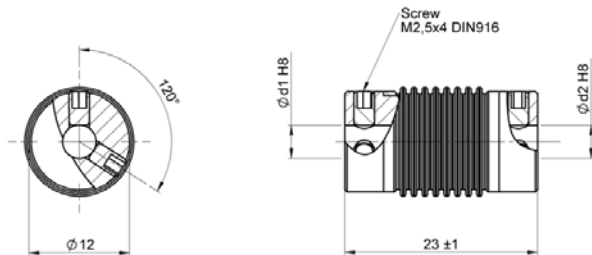


Ordering code example: BFA 2435 12/12



TYPE BFP 1223

Ø int. d1/d2
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02/03
03/03
04/04
04/06
06/06

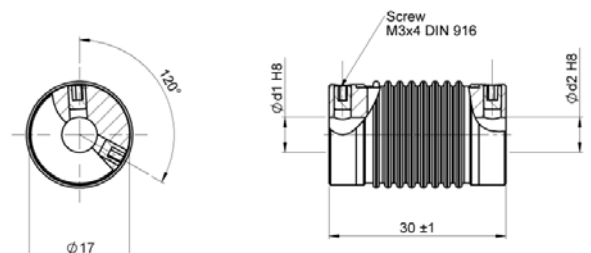


Ordering code example: BFP 1223 04/06



TYPE BFP 1730

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06/10
08/08
10/10

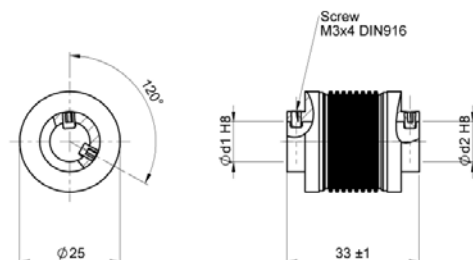


Ordering code example: BFP 1730 06/10



TYPE BFP 2533

Ø int. d1/d2
06/06
06/10
06/12
08/08
10/10
12/12

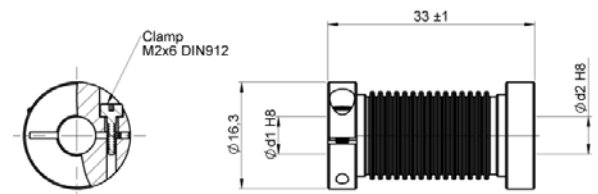


Ordering code example: BFA 2533 10/10



TYPE BFA 1733

Ø int. d1/d2
03/03
04/04
04/06
06/06



Ordering code example: BFA 1733 04/06



TYPE BFA 2537

Ø int. d1/d2

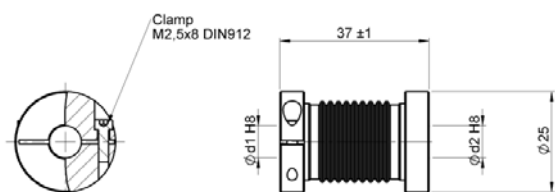
06/06

06/10

08/08

10/10

12/12



Ejemplo de referencia: BFA 2537 08/08

COUPLING LAMI-FLEX

FLEXIBLE SHEET COUPLINGS

- Suitable for high speed
- High flexibility
- No cinematic errors in transmission
- High torsional rigidity



The LAMI-FLEX couplings are based on the use of some flexible steel or plastic membranes that pivot on the coupling, thus proportioning it a very good flexibility. The characteristics of LAMI-FLEX result in a transmission of great pre-

cision movement.

They are suitable for high rotation speeds, such as robots, machine-tools, turbines, dynamometers ...

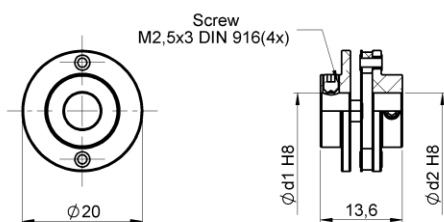
TECHNICAL SPECIFICATIONS

Type	Torque Ncm	Clamping torque Ncm	Max.speed r.p.m.	Admissible max.misalignment			Torsion spring stiffness Ncm/rad	Radial spring stiffness N/mm	Weight gr	Inertia gcm ²
				Angular degree	Axial mm	Radial mm				
LFP 2014	50	60	10.000	±2,5	±0,3	-	100	-	5	2,6
LFP 2016	50	60	10.000	±3	±0,4	±0,2	45	125	6	2,8
LFA 2213	20	20	10.000	±2	±0,3	±0,3	14	3	9,5	3,2
LFA 3019	80	80	12.000	±3	±0,4	±0,4	150	6	16	19
LFA 2519	40	65	12.000	±2,5	±0,4	±0,25	22	60	16	13,5
LFA 2525	40	65	12.000	±2,5	±0,4	±0,25	22	60	18	15
LFA 3022	60	80	12.000	±2,5	±0,4	±0,3	30	40	30	35
LFA 3027	60	80	12.000	±2,5	±0,4	±0,3	30	40	32	37
LFA 3850	200	60	8.000	±2,5	±0,8	±0,8	250	-	60	135
LFA 3832	200	60	8.000	±2,5	±0,8	±0,3	250	-	70	112



TYPE LFP 2014

Ø int. d1/d2
02/02
02/04
04/04
06/06

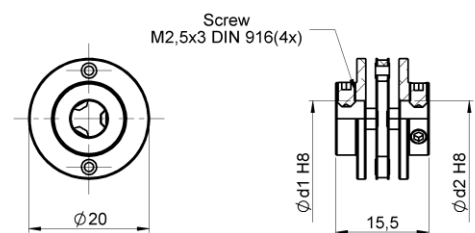


Ordering code example: LFP 2014 04/04



TYPE LFP 2016

Ø int. d1/d2
02/02
02/04
04/04
06/06

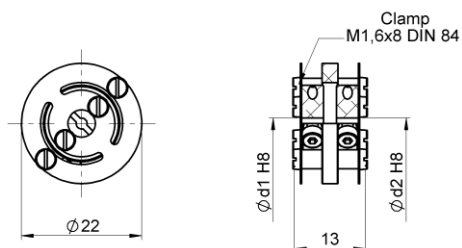


Ordering code example: LFP 2016 02/04



TYPE LFA 2213

Ø int. d1/d2
02/02
02/04
04/04
06/06

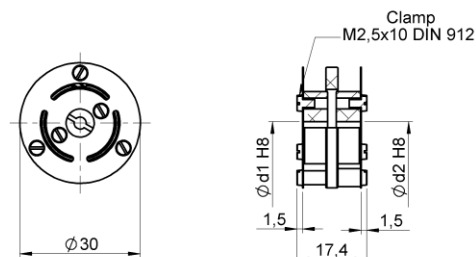


Ordering code example: LFA 2213 04/04



TYPE LFA 3019

Ø int. d1/d2
03/03
04/04
05/06
06/06
06/08

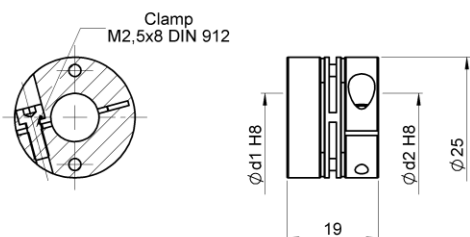


Ordering code example: LFA 3019 06/08



TYPE LFA 2519

Ø int. d1/d2
06/06
06/10
08/08
10/10

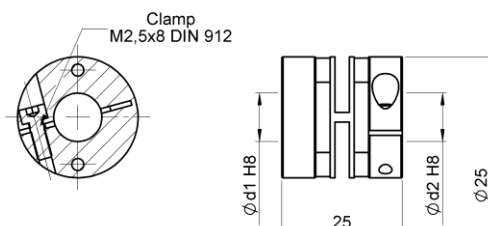


Ordering code example: LFA 2519 06/06



TYPE LFA 2525

Ø int. d1/d2
06/06
06/10
08/08
10/10
10/12
12/12

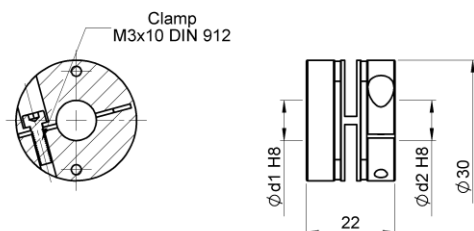


Ordering code example: LFA 2525 06/06



TYPE LFA 3022

Ø int. d1/d2
06/06
06/10
10/10
10/12
12/12
14/14
16/16

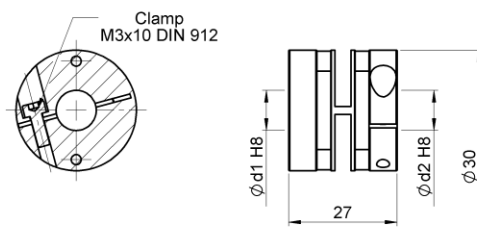


Ordering code example: LFA 3022 10/10



TYPE LFA 3027

Ø int. d1/d2
06/06
06/10
10/10
10/12
12/12
14/14
16/16

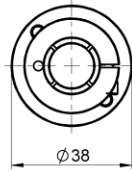
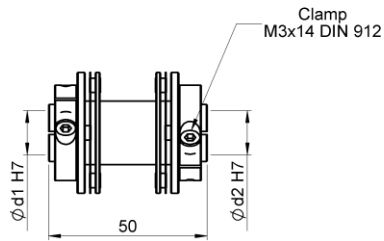


Ordering code example: LFA 3027 12/12



MODELO LFA 3850

$\varnothing$ int. d1/d2
06/06
10/10
10/12
10/14
12/12
14/14

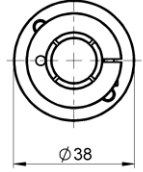
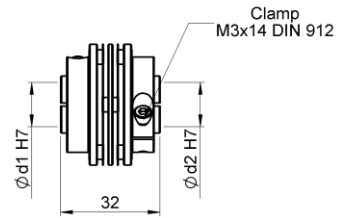


Ordering code example: LFA 3850 06/06



MODELO LFA 3832

$\varnothing$ int. d1/d2
06/06
06/10
10/10
10/12
12/12
14/14



Ordering code example: LFA 3832 06/06

COUPLING OLDHAM-FLEX

LATERAL SLIPPAGE COUPLINGS

- High absorption capacity of radial misalignment
- They do not produce kinematic errors in transmission
- Elimination of loads on shaft
- Mechanical protection against excessive torque
- Replaceable disc



OLDHAM-FLEX couplings are based on the use of a disc that can move radially with respect to the two shafts, which permits the compensation of large misalignment errors between them.

The drums are machined from hardened aluminium alloy. The discs are manufactured from acetal with excellent mechanical properties and low friction coefficient.

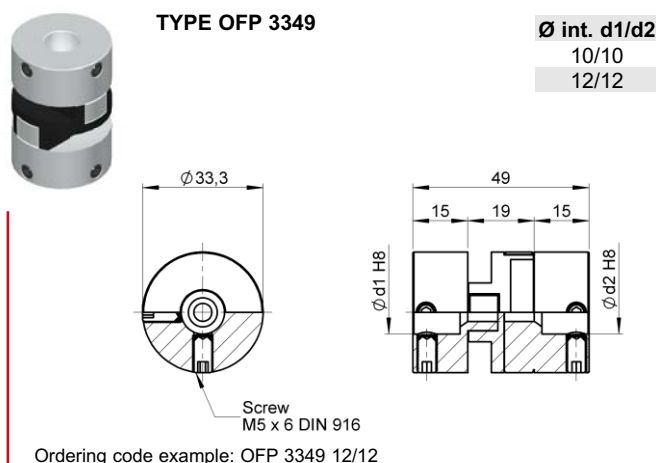
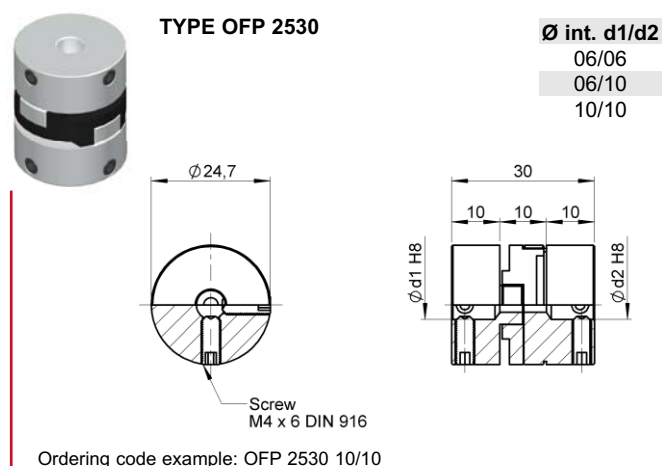
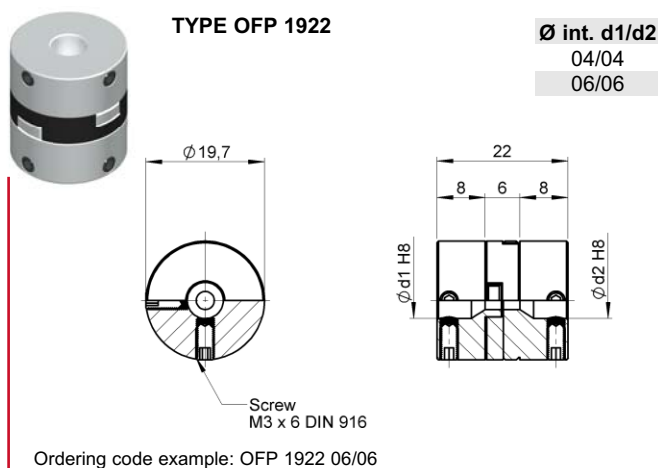
Due to wear, the coupling may show free-play above 10 revolutions under normal misalignment conditions, which can be corrected by replacing the disc. Because the OLDHAM-FLEX couplings are fitted

with securing drums with drilled holes, the discs can be installed and replaced without any need to disassemble the machines in order to separate the shafts.

Radial misalignment does not produce any appreciable kinematic errors in transmission. However, angular misalignment can lead to small errors in a similar fashion to "Cardan" types of universal joints. They are suitable for positioning shaft slow drives, spindles and valves, etc. They must never be employed with cantilever or paired shafts.

TECHNICAL SPECIFICATIONS

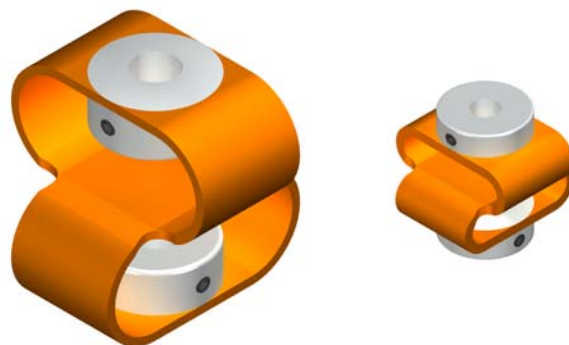
Type	Torque	Clamping torque	Max.speed	Admissible max.misalignment			Torsion spring stiffness	Weight	Inertia
	Ncm	Ncm	r.p.m.	Angular degree	Axial mm	Radial mm	Ncm/rad	gr	gcm ²
OFP 1922	160	130	2.500	±2	±0,2	±2	11	15	68
OFP 2530	340	310	2.500	±2	±0,2	±2,8	23	30	254
OFP 3349	800	570	2.500	±2	±0,3	±3,5	32	90	1283



COUPLING PAGU-FLEX

FLEXIBLE ISOLATING COUPLING

- High precision for positioning applications
- Without wear or fatigue
- Vibration absorption
- Good torsional elasticity



Adjunctes to a great variety of uses, the PAGU-FLEX couplings have been designed flexibly in accordance with the existing agreements for the shaft, as well as with the different requirements of the specific application cases.

In the standard versions, each one of the galvanised heads (C15K

material) has a cylindrical hole (H7 tolerance) and is fixed to the shaft through a stay bolt with a hexagonal head DIN 916.

The internal heads are very useful in situations with little space or reduced access.

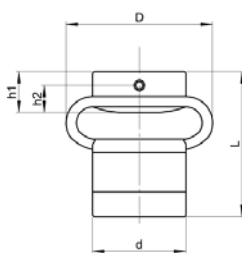
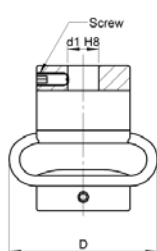
TECHNICAL SPECIFICATIONS

Type	Torque	Clamping torque	Max. speed	Admissible max. misalignment			Torsion spring stiffness	Radial spring stiffness	Weight	Inertia
	Ncm	Ncm	r.p.m.	Angular degree	Axial mm	Radial mm	Ncm/rad	N/mm	gr	gcm ²
GFP 10	50	50	10.000	10	9	2,6	320	11	24	0,1
GFP 20	180	120	10.000	15	15	3,2	780	405	77	0,91
GFP 30	500		10.000	15	17	3,2	2100	7,7	119	1,87
GFP 40	1000		10.000	15	22	3,2	2300	21	128	1,65



TYPE GFP 10 06/06

Ø int. d1/d2
06/06

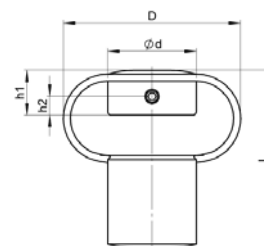
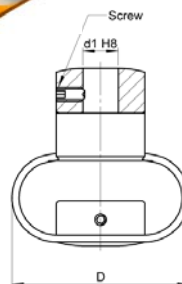


Ordering code example: GFP 10 06/06



TYPE GFP 20 10/10
TYPE GFP 30 12/12
TYPE GFP 40 14/14

Ø int. d1/d2
10/10
12/12
14/14



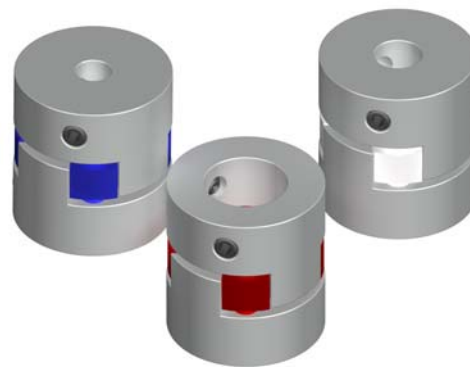
Ordering code example: GFP 20 10/10

Dimensions in mm	Symbol	10	20	30	40
Rotation diameter	D	26.0	48.0	54.0	54.0
Length in the idle mode	L	28.0	48.0	58.0	61.0
Diameter of the head	d	18.0	25.0	28.0	28.0
Height of the head	h1	7.9	12.7	15.9	15.9
Height of the thread screw	h2	5.5	7.9	10.4	11.2
Diameter of the standard drill hole	d1	6.0	10.0	12.0	14.0
Maximum permitted diameter of the standar drill hole	d1	8.0	12.0	16.0	16.0
Hexagonal screw DIN 916		M3	M4	M5	M6

COUPLING CROSS-FLEX

SPIDER COUPLING

- Free of cinematic errors in transmission
- Replaceable disc
- Elevated torque transmission
- Admits few misalignments



The CROSS-FLEX couplings are based on the use of a central disc. They are recommended for applications with some of the torque transmissions and with little misalignments.

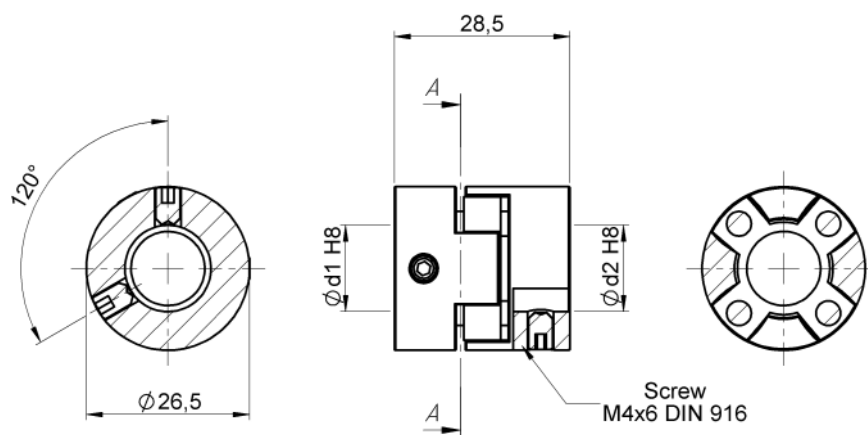
With the use of the CROSS-FLEX couplings, the angular misalignments may lead to small errors.

Radial misalignment does not produce any appreciable kinematic errors in transmission. Wear is minimum.

TECHNICAL SPECIFICATIONS

Type	Torque	Clamping torque	Max.speed	Admissible max.misalignment			Hardness	Maxi torsion torque	Weight	Inertia
				Angular degree	Axial mm	Radial mm				
CFP 80	800	300	19.000	±1,3	±1	±0,22	80 (azul)	10	34	30
CFP 92	1500	300	19.000	±1,3	±1	±0,22	92 (blanco)	10	34	30
CFP 98	2500	300	19.000	±1,3	±1	±0,22	98 (rojo)	10	34	30

TYPE CFP 80
TYPE CFP 92
TYPE CFP 98



Ø int. d1/d2
04/04
06/06
08/08
10/10
12/12
14/14

Ordering code example: CFP 98 06/06

COUPLING UNION

RIGID COUPLING

- High rigidity
- Free of cinematic errors in transmission
- Very little misalignment absorption
- Easy assembly, disassembly and adjustment



The UNION couplings are simple rigid couplings of two tooled steel pieces.

They are apt for transmissions that require elevated torques and where there are no misalignments between the shafts.

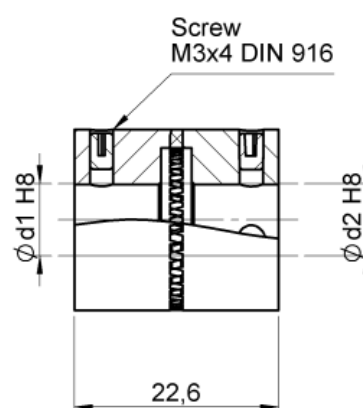
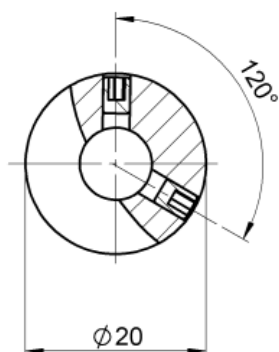
In the case of these couplings, the angular misalignments may lead to small errors.

They are suitable for positioning shaft slow drives.

TECHNICAL SPECIFICATIONS

Type	Torque Ncm	Clamping torque Ncm	Max.speed r.p.m.	Admissible max.misalignment			Module mm	Radial spring stiffness N/mm	Weight gr	Inertia gcm ²
				Angular degree	Axial mm	Radial mm				
UFP 2022	200	80	8.000	±0,5	-	-	0,7	-	34	30

TYPE UFP 2022



Ø int. d1/d2
06/06
06/08
06/10
08/08
10/10

Ordering code example: UFP 2022 06/06

