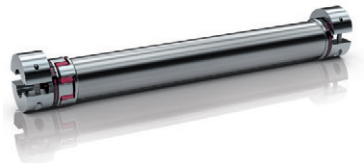
EZ2 S

WITH RIGID HUB ON ONE END

12,5 – 1.350 Nm

NEW



PROPERTIES

FEATURES

- Easy lateral installation without the need to disturb adjacent shafts
- Standard lengths up to 4m
- For use with intermediate support bearing (ZL)

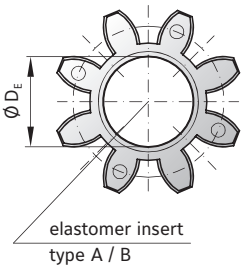
MATERIAL

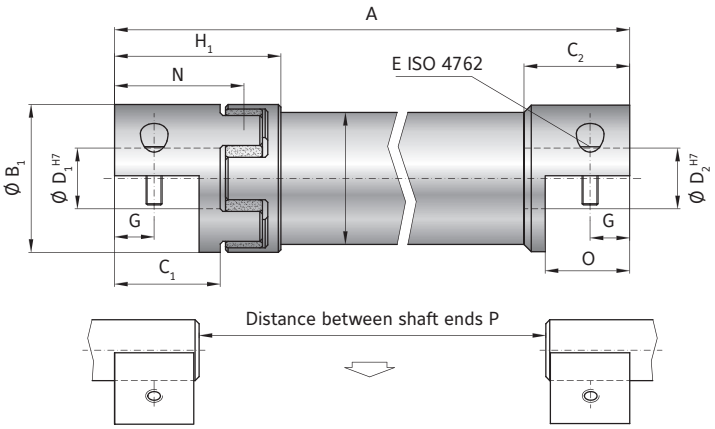
- **Hubs:** high strength aluminum
- **Intermediate tube:** high strength aluminum
- **Elastomer Insert:** Wear resistant, thermally stable TPU

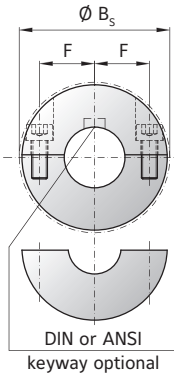
DESIGN

Two split clamping hubs, with two clamping screws in each, and concave driving jaws on one end, with rigid hub on the other. Backlash free, vibration damping, electrically isolating elastomer insert press fit into the jaw hub. Precision intermediate tube with a high level of straightness and lateral stiffness.

DESIGN | SIZE 10 - 450

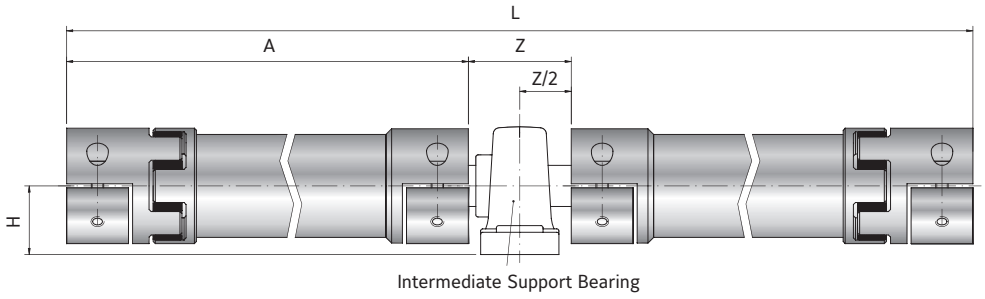






The total length A is calculated by adding distance between shaft ends P + 2xO

For details on the elastomer inserts see pages 72-73.



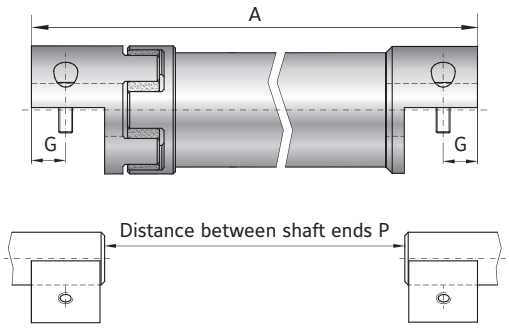
MODEL EZ2 S

SIZE			10		20		60		150		300		450	
Type (Elastomer insert)			A	B	A	B	A	B	A	B	A	B	A	B
Rated torque	(Nm)	T_{KN}	12,5	16	17	21	60	75	160	200	325	405	530	660
Max. torque*	(Nm)	T_{Kmax}	25	32	34	42	120	150	320	400	650	810	1060	1350
Overall length from - to	(mm)	A	85 - 4000		115 - 4000		155 - 4000		175 - 4000		220 - 4000		250 - 4000	
Outside diameter hub	(mm)	B_1	32		42		56		66.5		82		102	
Outside diameter tube	(mm)	B_2	28		35		50		60		76		90	
Outside diameter with screwhead	(mm)	B_S	32		44,5		57		68		85		105	
Fit length	(mm)	C_1/C_2	20		25		40		47		55		65	
Inside diameter range from Ø to Ø H7	(mm)	D_1/D_2	5 - 16		8 - 25		14 - 32		19 - 36		19 - 45		24 - 60	
Mounting screw	(ISO 4762)	E	4 x M4		4 x M5		4 x M6		4 x M8		4 x M10		4 x M12	
Tightening torque	(Nm)		4		8		15		35		70		120	
Distance between centers	(mm)	F_1/F_2	10.5		15.5 / 15		21		24		29		38	
Distance	(mm)	G_1/G_2	7.5		8.5		15		17.5		20		25	
Coupling length	(mm)	H	34		46		63		73		84		97	
Shaft average value	(mm)	N	26		33		49		57		67		78	
Length	(mm)	O	16.6		18.6		32		37		42		52	

* Maximum transmittable torque of the clamping hub depends on the bore diameter (see pages 78).

INSTALLATION

The total length A is calculated by adding distance between shaft ends P + 2xO



ORDERING EXAMPLE	EZ2 S	20	1200	A	24	19	XX
Model	●						Special designation only (e.g. special bore tolerance).
Size		●					
Overall length mm			●				
Elastomer insert type				●			
Bore D1 H7					●		
Bore D2 H7						●	
For custom features place an XX at the end of the part number and describe the special requirements (e.g. EZ2 S / 20 / 1200 / A / 24 / 19 / XX)							

ZL ZW

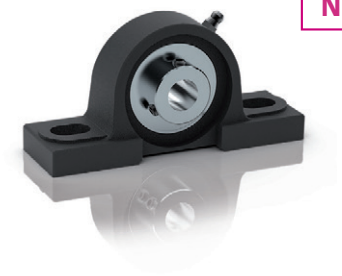
LINE SHAFT ACCESSORIES

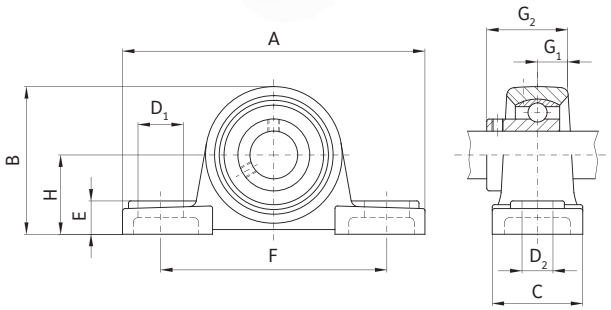
ACCESSORIES FOR ZA/EZ
LINE SHAFTS

INTERMEDIATE SUPPORT BEARING

ZL

NEW

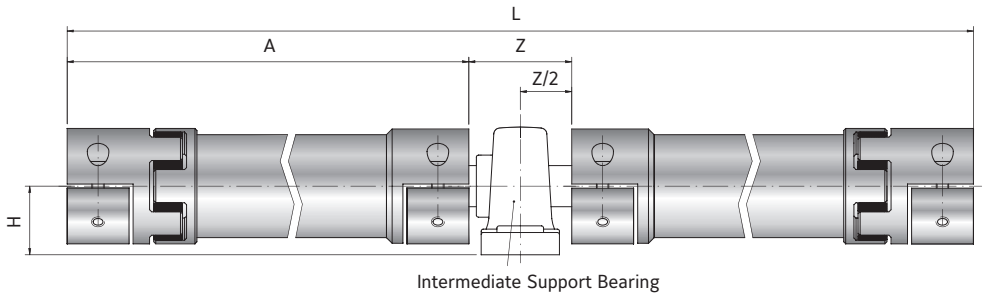




The Intermediate Support Bearing (ZL) in combination with the line shafts of the series ZA and EZ for special installation situations.

INTERMEDIATE SUPPORT BEARING ZL							
Size	(mm)		**15**	**20**	**30**	**40**	**50**
Length	(mm)	A	127	127	163	178	206
Heigh	(mm)	B	62	65	82	97	113
Width	(mm)	C	38	38	46	52	60
Mounting dimension	(mm)	D_1	19	19	21	21	23
Mounting dimension	(mm)	D_2	13	13	17	17	20
Mounting dimension	(mm)	E	14	14	17	18	21
Hole spacing	(mm)	F	95	95	121	136	159
Distance	(mm)	G_1	12.7	12.7	15.9	19	19
Distance	(mm)	G_2	31	31	38.1	49.2	51.6
Distance	(mm)	H	30.2	33.3	42.9	49.2	57.2

Intermediate Support Bearing	202	204	206	208	210

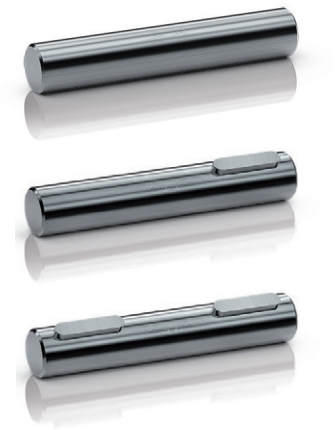


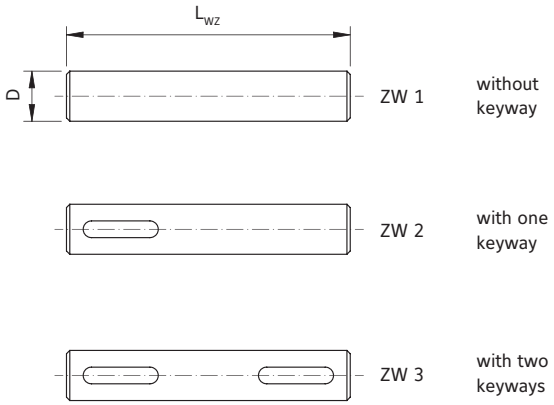
ORDERING EXAMPLE	ZL	15
Model	●	
Size		●

ZW INTERMEDIATE SHAFT

ZW

NEW





Intermediate shaft (SW) for Intermediate Support Bearing (ZL) in conjuction with ZA and EZ Line Shafts. Steel construction.

The intermediate shaft ZW 1 comes without keyways, the intermediate shaft ZW 2 has one keyway and the intermediate shaft ZW 3 has two keyways.

Keyways are machined to DIN 6885 standard.

INTERMEDIATE SUPPORT BEARING ZW							
Size (Shaft∅)	(mm)	D	**15**	**20**	**30**	**40**	**50**
Length	(mm)	L_{WZ}	130	140	165	195	210
Intermediate Support Bearing			202	204	206	208	210

ORDERING EXAMPLE	ZW	2	15
Model	●		
Intermediate Shaft Style		●	
Size			●