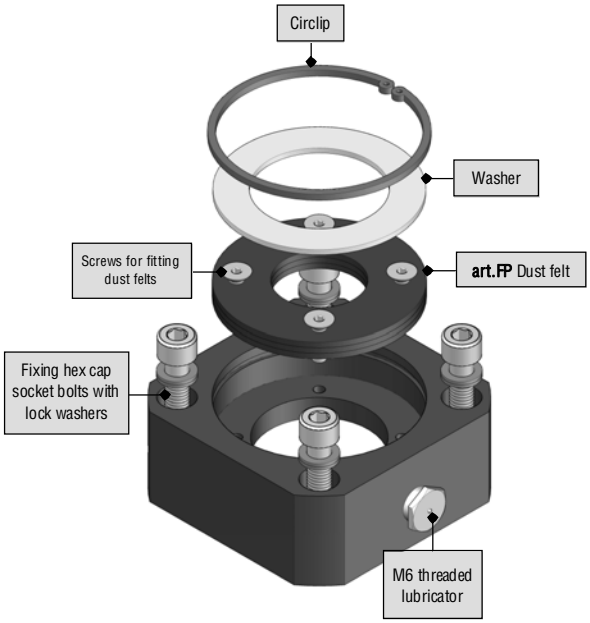
art.FDS

SAFETY FLANGE with Dust Cups and lubricator mod.20/60 for use on Flange nuts

The Safety Flange with Dust Cups and lubricator is an accessory **made in nitrided steel**, whose use is recommended for medium and heavy loads supported by nuts , **in cases of vertical applications with the nut flange positioned above the support table. The addition of the Safety Flange allows the support of the maximum dynamic and static loads in vertical safety.** This accessory operates by being fitted to the base independently of the flange nut by means of substantial hex socket cap bolts, to assist those of the flange nut, thus guaranteeing additional safety for the load being supported. The Safety Flange also guarantees, by the use of dust felts that perfectly follow the threaded bar profile, protection of the screw and nut from external agents that could damage sliding. Of no secondary importance is the fact that that these **interchangeable felts** manage to contain the grease inserted by the lubricator into the nut thereby maintaining constant lubrification.
For total protection of the application it is possible to fit **Dust Cups** (**art.BP** see following pages) on the opposite side to the Flange, in order to have, apart from the safety of the load given by the Safety Flange also the complete protection of the entire system from dust.
For even greater protection on the **Safety Flange FDS** and **Dust Cups BP** we have foreseen the use of a manifold (available on request) to fit a flexible rubber protective cover to achieve this purpose.

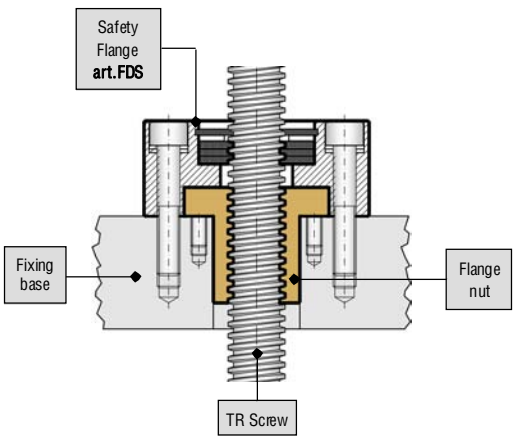
- **COMPOSITION OF SAFETY FLANGE art.FDS:**



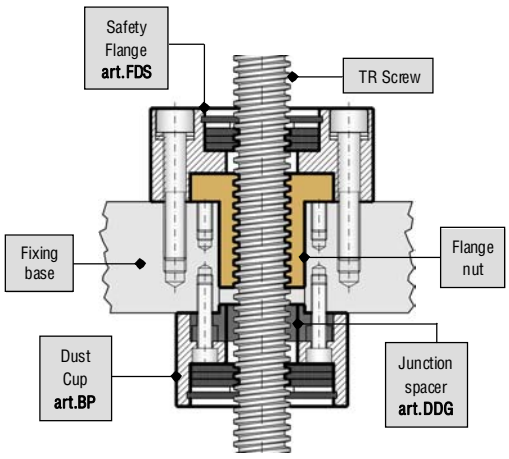


- **VERTICAL APPLICATION FOR MEDIUM/HEAVY LOADS:**

VERTICAL USE



USING FDS+BP VERTICALLY

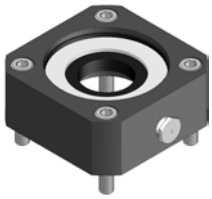


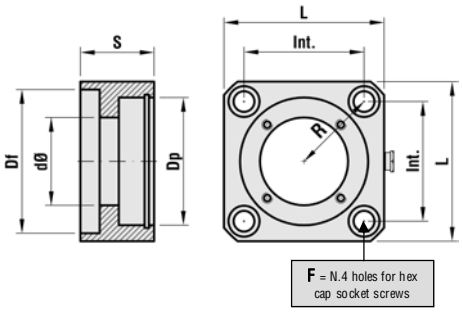
If necessary the Safety Flange "FDS" can also be used horizontally as an alternative to Dust Cup "BP".
For the CFB nut with hole and lubrification channel see spares for the Excellent Steel transmission groups in Technical Catalogue GDM (www.bimeccanica.it)

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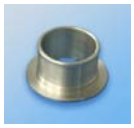
art.FDS SAFETY FLANGE mod.20/60 with dust felts and lubricator.







On request:



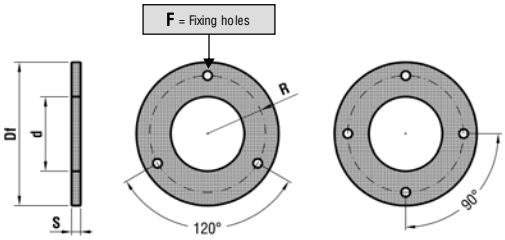
Manifold for rubber protective cover (dimensions below)

FOR FLANGE NUTS	CODE	ARTICLE	L	S	Df	Dp	dØ	R	Int.	F Holes for screws	WEIGHT Kg
TR 20x4 - TR 22x5	A03A2022	FDS 20 22	60	33	50,3	40,2	25	30,5	43,2	M8	0,490
TR 24x5 - TR 25x5 - TR 26x5	A03A242526	FDS 24 25 26	70	35	60,3	50,2	29	35	49,6	M8	0,670
TR 28x5 - TR 30x6 - TR 32x6	A03A283032	FDS 28 30 32	75	35	65,3	55,2	35	37,5	53,2	M8	0,750
TR 35x6 - TR 36x6	A03A3536	FDS 35 36	85	36	75,3	65,2	40	42,5	60,3	M8	0,940
TR 40x7	A03A40	FDS 40	90	36	80,3	70,2	45	46,5	66	M8	1,080
TR 45x8 - TR 46x8	A03A4546	FDS 45 46	100	45	85,3	75,2	50	49	69,5	M10	1,700
TR 50x8	A03A50	FDS 50	100	45	90,3	80,2	55	53	75,2	M12	1,570
TR 55x9	A03A55	FDS 55	110	53	100,3	90,2	60	58,5	83	M12	2,340
TR 60x9	A03A60	FDS 60	110	53	105,3	95,2	65	61,5	87,2	M12	2,080

art.FP DUST FELTS series "FP400FDS" for Safety Flange.







FOR SAFETY FLANGE	CODE	ARTICLE	Df	d	S	FP number of felts	R	F Ø fixing hole	F number of holes	WEIGHT (Kg) each
FDS 20 22	00142022	FP 420-40/16	40	16	3	3	16	Ø3	3	0,001
FDS 24 25 26	0014242526	FP 425-50/20	50	20	3	3	19	Ø4	3	0,001
FDS 28 30 32	0014283032	FP 430-55/24	55	24	3	3	22	Ø4	3	0,002
FDS 35 36	00143536	FP 435-65/28	65	28	3	3	25	Ø4	4	0,002
FDS 40	001440	FP 440-70/32	70	32	3	3	27	Ø4	4	0,003
FDS 45 46	00144546	FP 445-75/36	75	36	3	4	30	Ø4	4	0,003
FDS 50	001450	FP 450-80/42	80	42	3	4	32	Ø4	4	0,003
FDS 55	001455	FP 455-90/46	90	46	3	4	37,5	Ø5	4	0,004
FDS 60	001460	FP 460-95/50	95	50	3	4	39	Ø5	4	0,004

art.C400FDS... MANIFOLDS for Safety Flange FDS (available on request) for applying flexible rubber protective cover.

mod. FDS	20 22	24 25 26	28 30 32	35 36	40	45 46	50	55	60
MANIFOLD Ø FLANGE Ø COLLAR	Ø40/30	Ø50/35	Ø55/40	Ø65/45	Ø70/50	Ø75/55	Ø80/60	Ø90/65	Ø95/70
Ø INTERNAL HOLE X MANIFOLD LENGTH	Ø26xL.19	Ø31xL.19	Ø36xL.21	Ø41xL.21	Ø46xL.23	Ø51xL..23	Ø56xL.25	Ø61xL.25	Ø66xL.25
Ø INSIDE OF RUBBER COVER FOR ENGAGING COLLAR	Ø30	Ø35	Ø40	Ø45	Ø50	Ø55	Ø60	Ø65	Ø70

art.C200BE/L... MANIFOLDS for Dust Cups BP (available on request) for applying flexible rubber protective cover.

mod. BP	20 22	24 25 26	28 30 32	35 36	40	45 46	50	55	60
MANIFOLD Ø FLANGE Ø COLLAR	Ø50/30	Ø60/35	Ø65/40	Ø75/45	Ø80/50	Ø85/55	Ø90/60	Ø100/65	Ø105/70
Ø INTERNAL HOLE X MANIFOLD LENGTH	Ø26xL.19	Ø31xL.19	Ø36xL.21	Ø41xL.21	Ø46xL.23	Ø51xL..23	Ø56xL.25	Ø61xL.25	Ø66xL.25
Ø INSIDE OF RUBBER COVER FOR ENGAGING COLLAR	Ø30	Ø35	Ø40	Ø45	Ø50	Ø55	Ø60	Ø65	Ø70

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