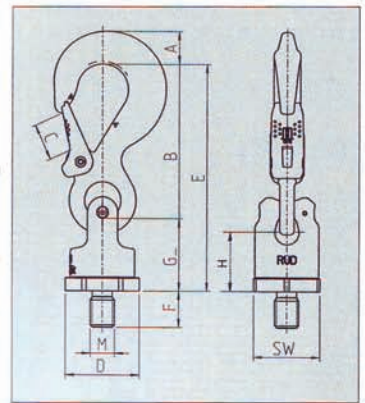


PowerPoint-Star - PP-S -

- Double ballbearing for free turning and soft winding
- Suitable for all lifting / lashing means for example hooks, rings and slings.
- **Non-protruding hook tip**
- Forged safety latch, engages in the tip of the hook therefore protected against lateral bending.
- Triple coiled corrosion protected double leg spring
- Thickened tip of the hook prevents handling malpractices and resists bending.
- Wearing edges on both sides and gauge marks for measuring the width of the hook opening.
- Not suitable for permanent swivelling under load
- Even under full load, can be turned in a 90° position from the bolt centre line.



CE

Complies with the machinery directives 98/37/CE

Type	WLL	A	B	C	D	E	F	F	G	H	M	SW	Weight (kg)	Torque	Ref.-No. (Standard)	Ref.-No. (Vario)
							Standard	Vario								
PP-S-0,63t-M12	0,63	13	75	18	40	116	18	19-145	41	33	12	36	0,4		7990719	8600310
PP-S-1,5t-M16	1,5	20	97	25	46	147	24	26-180	50	40	16	41	1,0	Hand tight with spanner	7989719	8600311
PP-S-2,5t-M20	2,5	28	126	30	61	187	30	31-200	61	47	20	55	1,7		7989075	8600302
PP-S-4t-M24	4,0	36	150	35	78	227	36	37-255	77	60	24	70	3,2		7989076	8600313
PP-S-5t-M30	5,0(6,7)	37	174	40	95	267	45	46-330	93	71	30	85	7,2	Hand tight with spanner	7989720	8600314
PP-S-8t-M36	8,0(10)	49	208	48	100	310	54	55-300	102	76	36	90	9,2		7989077	8600305
PP-S-0,63t-1/2"-13UNC	0,63	13	75	18	40	116	18	19-145	41	33	1/2"	36	0,4		7990720	8600310
PP-S-1,5t-5/8"-11UNC	1,5	20	97	25	46	147	24	26-180	50	40	5/8"	41	1,0	Hand tight with spanner	7989908	8600311
PP-S-2,5t-3/4"-10UNC	2,5	28	126	30	61	187	30	31-200	61	47	3/4"	55	1,7		7989909	8600302
PP-S-2,5t-7/8"-9UNC	2,5	28	126	30	61	187	30	31-200	61	47	7/8"	55	1,7		7989910	8600302
PP-S-4t-1"-8UNC	4,0	36	150	35	78	227	36	37-255	77	60	1"	70	3,2		7989911	8600313
PP-S-5t-1 1/4"-7UNC	5,0(6,7)	37	174	40	95	267	45	46-330	93	71	1 1/4"	85	7,2	Hand tight with spanner	7989912	8600314
PP-S-8t-1 1/2"-6UNC	8,0(10)	49	208	48	100	310	54	55-300	102	76	1 1/2"	90	9,2		7989913	8600305

() increased WLL at vertical load direction (straight lift)



Complies with the machinery directives 98/37/CE

Type	WLL (t)	A	B	C	D	E	F	G	M	SW	Weight (kg)	Ref.-No.		
												metric	imperial	
PP-B-0,63t-M12	0,63	9	65	35	40	105	18	41	12	36	15	0,35	7989522	0,63t-1/2"-13UNC 7989901
PP-B-1,5t-M16	1,5	11	65	35	46	115	24	50	16	41	15	0,6	7989523	1,5t-5/8"-11UNC 7989902
PP-B-2,5t-M20	2,5	13	75	40	61	135	30	61	20	55	18	1,1	7989081	2,5t-3/4"-10UNC 7989903
													--	2,5t-7/8"-9UNC 7989904
PP-B-4t-M24	4,0	16	95	45	78	172	36	77	24	70	20	2,1	7989082	4t-1"-8UNC 7989905
PP-B-5t-M30	5,0(6,7)	21	130	60	95	223	45	93	30	85	25	4,5	7989524	5t-1 1/4"-7UNC 7989906
PP-B-8t-M36	8,0(10)	24	140	65	100	242	54	102	36	90	28	6,1	7989083	8t-1 1/2"-6UNC 7989907

() increased WLL at vertical load direction (straight lift)

PP-VIP –for direct chain connection of the VIP chain

Type	WLL (t)	A	D	F	G	M	SW	Weight (kg)	Ref.-No.	
									metric	imperial
PP-VIP4-0,63t-M12	0,63	4	40	18	41	12	36	0,25	7989525	0,63t-1/2"-13UNC 7989920
PP-VIP6-1,5t-M16	1,5	6	46	25	50	16	41	0,45	7989526	1,5t-5/8"-11UNC 7989921
PP-VIP8-2,5t-M20	2,5	8	61	30	61	20	55	0,95	7989527	2,5t-3/4"-10UNC 7989922
									--	2,5t-7/8"-9UNC 7989923
PP-VIP10-4t-M24	4,0	10	78	36	77	24	70	2,2	7989528	4t-1"-8UNC 7989924
PP-VIP13-5t-M30	5,0(6,7)	13	95	45	93	30	85	3,5	7989529	5t-1 1/4"-7UNC 7989925
PP-VIP16-8t-M36	8,0(10)	16	100	54	102	36	90	5,2	7989530	8t-1 1/2"-6UNC 7989926

() increased WLL at vertical load direction (straight lift)

PP-S/PP-B/PP-VIP

– all types in special thread lengths available

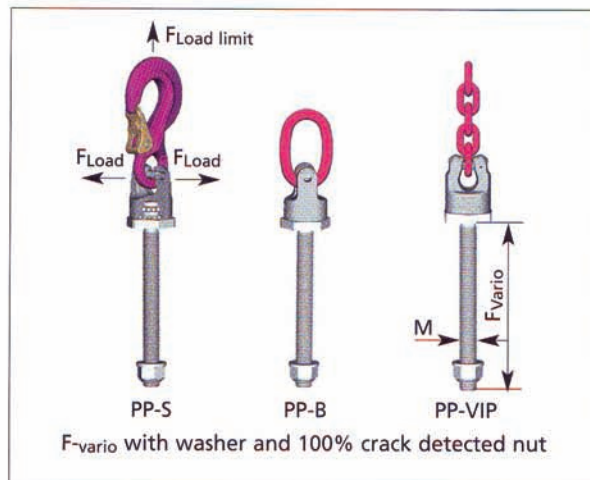
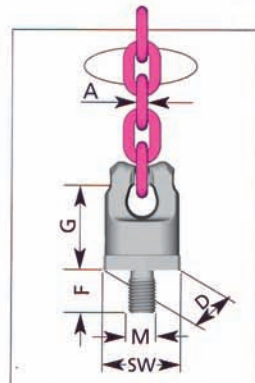
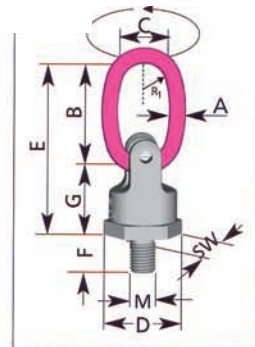
Please indicate type, thread size and F-vario!

Type	WLL (t)	thread size	F-vario max.	thread size	F-vario max.
So-PP-S/PP-B/PP-VIP	0,6 (0,63)	M 12	140	1/2"-13UNC	45
So-PP-S/PP-B/PP-VIP	1,0 (1,5)	M 14	65	-	-
So-PP-S/PP-B/PP-VIP	1,3 (1,5)	M 16	180	5/8"-11UNC	55
PP-S/PP-B/PP-VIP	2,5	M 20	200	-	-
So-PP-S/PP-B/PP-VIP	3,5 (4)	M 24	255	1"-8UNC	74
So-PP-S/PP-B/PP-VIP	5,0 (6,7)	M 30	330	1 1/4"-7UNC	91
So-PP-S/PP-B/PP-VIP	8,0 (10)	M 36	300	-	-

Warranty can only be guaranteed with originally assembled RUD components and chains!

- Easy identification of WLL
- 4 times proofed safety
- Double ballbearing for free turning and soft winding
- Cr, Ni, Mo-steel special quenched and tempered
- All parts 100% crack detected
- Max. load limit at smallest thread diameter
- Variable screw lengths available
- Can also be used for through holes
- Surface: pink powder coated
- Fast amortization because of easy handling

Notice: Follow the Instructions for use!



- Can be turned under full load even in a 90° position from the bolt centre line.
- Not suitable for permanent swivelling under full load

