

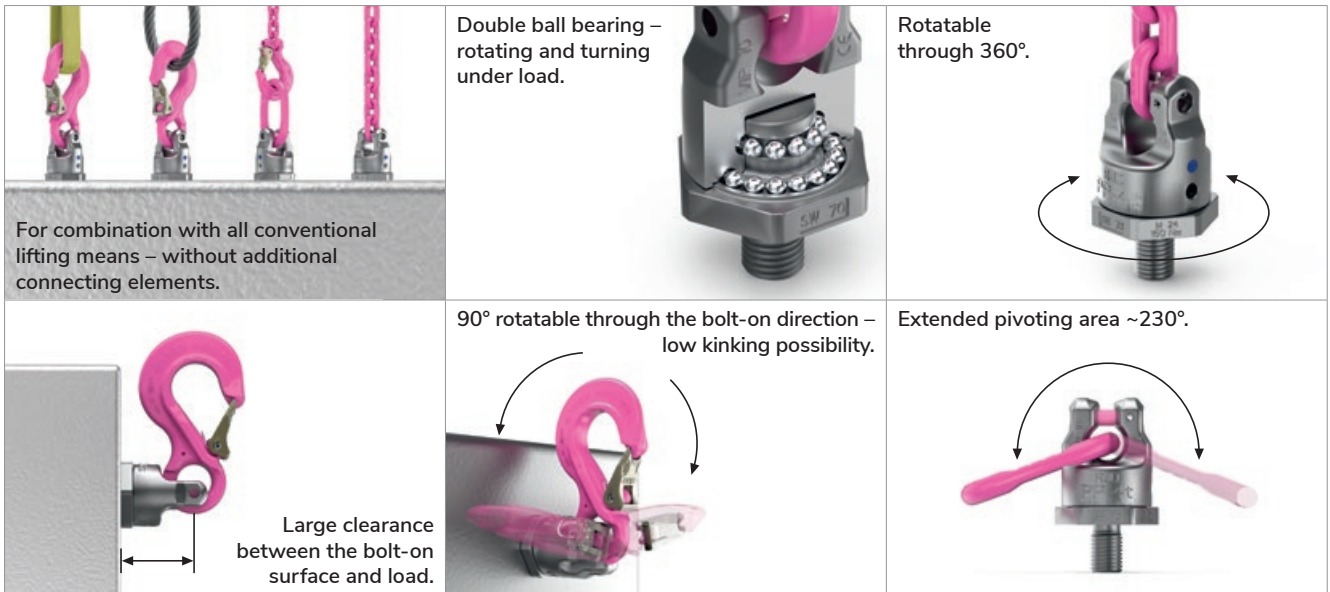
PP-S / PP-B / PP-VIP

PowerPoint®-Star / -eye connection /
-VIP-chain connection.



PRODUCT FEATURES

- Large WLL range 0.63 t–8 t.
- PP-S: universal connection with hook for ring suspensions, round slings, wire ropes, hook suspensions.
- PP-B: eye connection for hook suspension.
- PP-VIP: direct chain connection.
- So-PP-S, So-PP-B, So-PP-VIP: variable thread lengths.
- Rotatable 90° to the bolt-on direction under WLL.
- Lowest kinking possibility due to cardan joint.
- PP-VIP, So-PP-VIP: universal and non-mix-up clevis connection for easy construction with chains, hooks and eye.
- PP-S, So-PP-S: The shape of the hook tip prevents hinging in small openings and the WLL on the hook tip.
- PP-S: Robust forged safety latch.



✓ Tested and certified by DGUV.
Test criteria: GS-OA-15-04: 2015-12
Certificate no.: OA 1951040

- 360° rotatable, 230° pivotable.
- Double ball bearing for tilting, rotating and turning under load.
- Universal, non-mix-up VIP connection for chains, hooks and eyes.

PP-S / PP-B / PP-VIP

Metric thread.

PP-S – POWERPOINT – STAR UNIVERSAL CONNECTION – METRIC.

Type	WLL [t]	Weight (kg/unit)	T [mm]	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]	M	N [mm]	Tightening torque [Nm]	Ref. No.
PP-S-0.63t-M12	0.63	0.4	116	13	75	18	40	36	18	41	M12	-	10	7990719
PP-S-1.5t-M16	1.5	0.9	146	20	97	25	46	41	24	50	M16	-	30	7989719
PP-S-2.5t-M20	2.5	1.7	187	28	126	30	61	55	30	61	M20	-	70	7989075
PP-S-4t-M24	4	3.5	227	36	150	35	78	70	36	77	M24	-	150	7989076
PP-S-5t-M30	5 (6.7) ¹	7.5	267	37	174	40	95	85	45	93	M30	-	225	7989720
PP-S-8t-M36	8 (10) ¹	9.2	310	49	208	48	100	90	54	102	M36	-	410	7989077

¹ () = Higher WLL with axial load.

Subject to technical changes!

PP-B – POWERPOINT – EYE CONNECTION – METRIC.

Type	WLL [t]	Weight (kg/unit)	T [mm]	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]	M	N [mm]	Tightening torque [Nm]	Ref. No.
PP-B-0.63t-M12	0.63	0.35	106	9	65	35	40	36	18	41	M12	15	10	7989522
PP-B-1.5t-M16	1.5	0.6	115	11	65	35	46	41	24	49	M16	15	30	7989523
PP-B-2.5t-M20	2.5	1.1	136	13	75	40	61	55	30	61	M20	18	70	7989081
PP-B-4t-M24	4	2.4	172	16	95	45	78	70	36	77	M24	20	150	7989082
PP-B-5t-M30	5 (6.7) ¹	5.2	223	21	130	60	95	85	45	93	M30	25	225	7989524
PP-B-8t-M36	8 (10) ¹	6.3	242	24	140	65	100	90	54	102	M36	28	410	7989083

¹ () = Higher WLL with axial load.

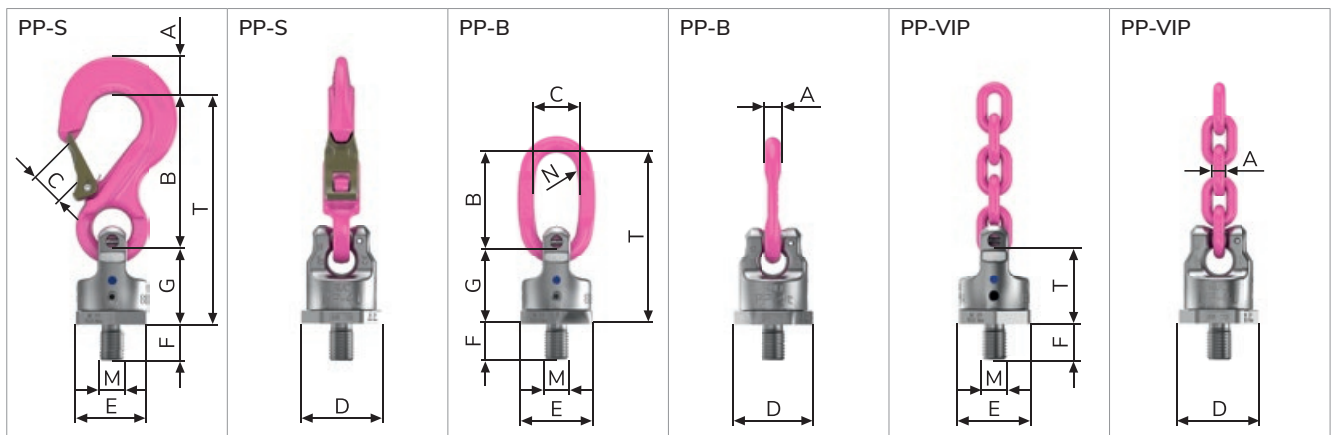
Subject to technical changes!

PP-VIP – POWERPOINT – DIRECT VIP-CHAIN CONNECTION – METRIC.

Type	WLL [t]	Weight (kg/unit)	T [mm]	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]	M	N [mm]	Tightening torque [Nm]	Ref. No.
PP-VIP4-0.63t-M12	0.63	0.25	41	4	-	-	40	36	18	-	M12	-	10	7989525
PP-VIP6-1.5t-M16	1.5	0.45	49	6	-	-	46	41	24	-	M16	-	30	7989526
PP-VIP8-2.5t-M20	2.5	0.95	61	8	-	-	61	55	30	-	M20	-	70	7989527
PP-VIP10-4t-M24	4	2.2	77	10	-	-	78	70	36	-	M24	-	150	7989528
PP-VIP13-5t-M30	5 (6.7) ¹	3.5	93	13	-	-	95	85	45	-	M30	-	225	7989529
PP-VIP16-8t-M36	8 (10) ¹	4.7	102	16	-	-	100	90	54	-	M36	-	410	7989530

¹ () = Higher WLL with axial load.

Subject to technical changes!



PP-S / PP-B / PP-VIP

UNC inch thread.

PP-S – POWERPOINT – STAR UNIVERSAL CONNECTION – UNC INCH THREAD.

Type	WLL [t]	Weight (kg/unit)	T [mm]	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]	M	N [mm]	Tightening torque [Nm]	Ref. No.
PP-S-0.63t-1/2"-13UNC	0.63	0.4	116	13	75	18	40	36	18	41	1/2"-13UNC	-	10	8600581
PP-S-1.5t-5/8"-11UNC	1.5	0.9	146	20	97	25	46	41	25	49	5/8"-11UNC	-	30	8600582
PP-S-2.5t-3/4"-10UNC	2.5	1.7	187	28	126	30	61	55	30	61	3/4"-10UNC	-	70	8600583
PP-S-2.5t-7/8"-9UNC	2.5	1.7	187	28	126	30	61	55	30	61	7/8"-9UNC	-	70	8600583
PP-S-4t-1"-8UNC	4	3.5	227	36	150	35	78	70	36	77	1"-8UNC	-	150	8600584
PP-S-5t-1 1/4"-7UNC	5 (6.7) ¹	7.5	267	37	174	40	95	85	45	93	1 1/4"-7UNC	-	225	8600585
PP-S-8t-1 1/2"-6UNC	8 (10) ¹	9.2	310	49	208	48	100	90	54	102	1 1/2"-6UNC	-	410	8600526

¹ () = Higher WLL with axial load.

Subject to technical changes!

PP-B – POWERPOINT – EYE CONNECTION – UNC INCH THREAD.

Type	WLL [t]	Weight (kg/unit)	T [mm]	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]	M	N [mm]	Tightening torque [Nm]	Ref. No.
PP-B-0.63t-1/2"-13UNC	0.63	0.35	106	9	65	35	40	36	18	41	1/2"-13UNC	15	10	8600591
PP-B-1.5t-5/8"-11UNC	1.5	0.6	115	11	65	35	46	41	24	50	5/8"-11UNC	15	30	8600592
PP-B-2.5t-3/4"-10UNC	2.5	1.1	136	13	75	40	61	55	30	61	3/4"-10UNC	18	70	8600593
PP-B-2.5t-7/8"-9UNC	2.5	1.1	136	13	75	40	61	55	30	61	7/8"-9UNC	18	70	8600593
PP-B-4t-1"-8UNC	4	2.4	172	16	95	45	78	70	36	77	1"-8UNC	20	150	8600594
PP-B-5t-1 1/4"-7UNC	5 (6.7) ¹	5.2	223	21	130	60	95	85	45	93	1 1/4"-7UNC	25	225	8600595
PP-B-8t-1 1/2"-6UNC	8 (10) ¹	6.3	242	24	140	65	100	90	54	102	1 1/2"-6UNC	28	410	8600566

¹ () = Higher WLL with axial load.

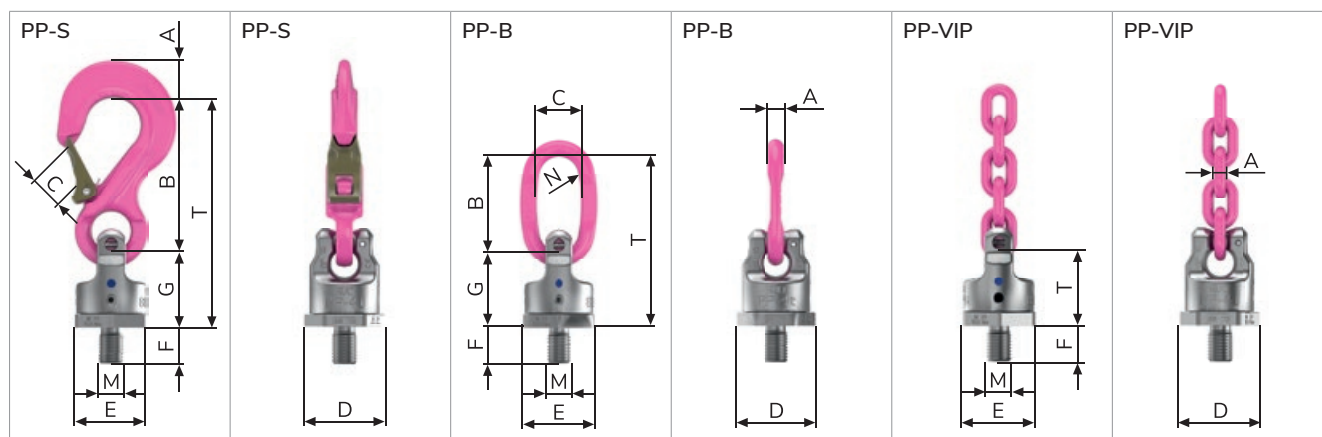
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PP-VIP – POWERPOINT – DIRECT VIP-CHAIN CONNECTION – UNC INCH THREAD.

Type	WLL [t]	Weight (kg/unit)	T [mm]	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]	M	N [mm]	Tightening torque [Nm]	Ref. No.
PP-VIP4-0.63t-1/2"-13UNC	0.63	0.25	41	4	-	-	40	36	18	-	1/2"-13UNC	-	10	8600571
PP-VIP6-1.5t-5/8"-11UNC	1.5	0.45	49	6	-	-	46	41	24	-	5/8"-11UNC	-	30	8600572
PP-VIP8-2.5t-3/4"-10UNC	2.5	0.95	61	8	-	-	61	55	30	-	3/4"-10UNC	-	70	8600573
PP-VIP8-2.5t-7/8"-9UNC	2.5	1	61	8	-	-	61	55	30	-	7/8"-9UNC	-	70	8600573
PP-VIP10-4t-1"-8UNC	4	2.2	77	10	-	-	78	70	36	-	1"-8UNC	-	150	8600574
PP-VIP13-5t-1 1/4"-7UNC	5 (6.7) ¹	3.5	93	13	-	-	95	85	45	-	1 1/4"-7UNC	-	225	8600575
PP-VIP16-8t-1 1/2"-6UNC	8 (10) ¹	4.7	102	16	-	-	100	90	54	-	1 1/2"-6UNC	-	410	8600305

¹ () = Higher WLL with axial load.

Subject to technical changes!



Other thread dimensions/thread types (e.g. UNF, BSW, pipe thread ...) available on request.