PP-S / PP-B / PP-VIP

PowerPoint®-Star / -Eye connection / -VIP-Chain connection.

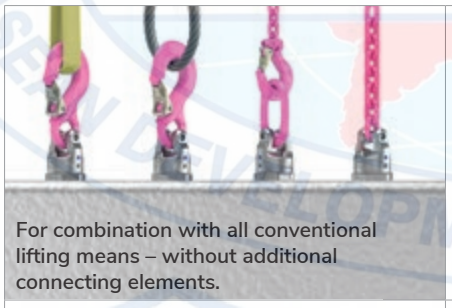
RUD RFID CONNECT IT



PP-S PP-B PP-VIP

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.

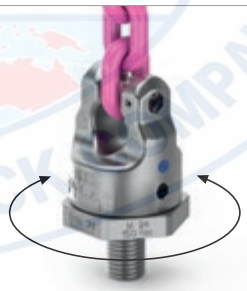


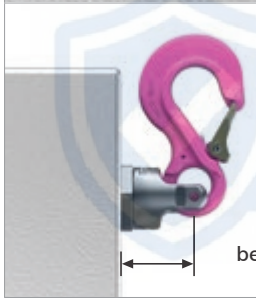
For combination with all conventional lifting means – without additional connecting elements.

Double ball bearing – rotating and turning under load.



Rotatable through 360°.



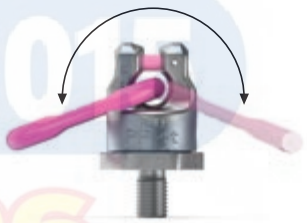


Large clearance between the bolt-on surface and load.

90° rotatable through the bolt-on direction – low kinking possibility.



Extended pivoting area ~230°.



DGUV Test OA 1951040 Sicherheit geprüft tested safety dguv.de/pruefzeichen

✓ 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!

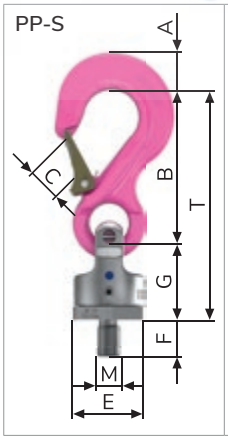
PP-VIP – POWERPOINT – DIRECT VIP-CHAIN CONNECTION – METRIC.

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-VIP-4/0.63t-M12	0.63	0.25	41	4	–	–	40	36	18	–	M12	–	10	7989525
PP-VIP-6/1.5t-M16	1.5	0.45	49	6	–	–	46	41	24	–	M16	–	30	7989526
PP-VIP-8/2.5t-M20	2.5	0.95	61	8	–	–	61	55	30	–	M20	–	70	7989527
PP-VIP-10/4t-M24	4	2.2	77	10	–	–	78	70	36	–	M24	–	150	7989528
PP-VIP-13/5t-M30	5 (6.7) [1]	3.5	93	13	–	–	95	85	45	–	M30	–	225	7989529
PP-VIP-16/8t-M36	8 (10) [1]	4.7	102	16	–	–	100	90	54	–	M36	–	410	7989530

[1] ( ) = Higher WLL with axial load.

Subject to technical changes!

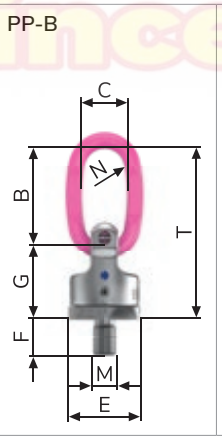
PP-S



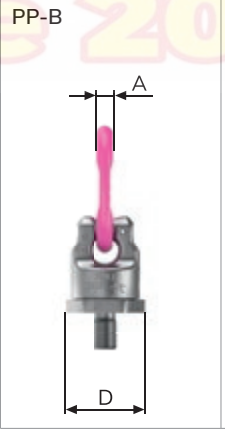
PP-S



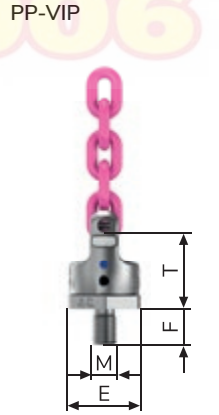
PP-B



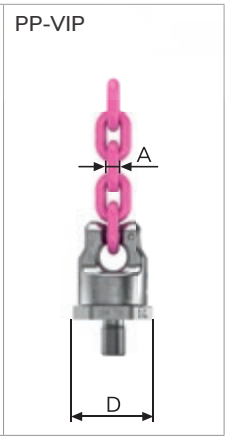
PP-B



PP-VIP



PP-VIP



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.

Subject to technical changes!

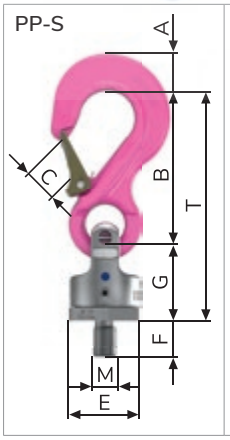
PP-VIP – POWERPOINT – DIRECT VIP-CHAIN CONNECTION – UNC INCH THREAD.

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-VIP-4/0.63t-1/2"-13UNC	0.63	0.25	41	4	–	–	40	36	18	–	1/2"-13UNC	–	10	8600571
PP-VIP-6/1.5t-5/8"-11UNC	1.5	0.45	49	6	–	–	46	41	24	–	5/8"-11UNC	–	30	8600572
PP-VIP-8/2.5t-3/4"-10UNC	2.5	0.95	61	8	–	–	61	55	30	–	3/4"-10UNC	–	70	8600573
PP-VIP-8/2.5t-7/8"-9UNC	2.5	1	61	8	–	–	61	55	30	–	7/8"-9UNC	–	70	8600573
PP-VIP-10/4t-1"-8UNC	4	2.2	77	10	–	–	78	70	36	–	1"-8UNC	–	150	8600574
PP-VIP-13/5t-1 1/4"-7UNC	5 (6.7) [1]	3.5	93	13	–	–	95	85	45	–	1 1/4"-7UNC	–	225	8600575
PP-VIP-16/8t-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!

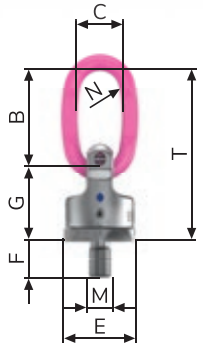
PP-S



PP-S



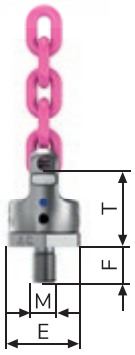
PP-B



PP-B



PP-VIP



PP-VIP



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