

# Neapco PlateLock™ Components

The Neapco solution to the SPL170\* and SPL250\* driveline components. Neapco's exclusive PlateLock design features a dual-plane retainer system that centers the universal joint in the mating driveshaft yoke eliminating the need for any special centering tools.

The Neapco PlateLock series components continue to deliver benchmark performance at an affordable price providing the confidence you've come to expect from Neapco drivetrain products.



***Neapco gives distributors the edge necessary in today's competitive marketplace. Our history of dedication to the drivetrain business and our focus on providing innovative solutions make us the industry's most experienced and qualified drivetrain specialist.***

\* SPL - Spicer® Life Series driveshafts is a registered trademark of Dana Limited.

# PlateLock™ Universal Joints



DL Series	Bearing Diameter	Lock-Up Yoke	Bearing Type	Lube Fitting	Part Number
SPL*170	2.165	6.024	Round-W/Plate Lock	1 Cross	<b>6-1170</b>
	2.165	6.457	Round		
SPL*250	2.361	5.984	Round-W/Plate Lock	1 Cross	<b>6-1250</b>
	2.361	6.413	Round		

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# PlateLock™ Universal Joint Hardware Kit



U-Joint Part Number	Hardware Part Number	Part Type	Description
<b>6-1170</b>	<b>1-0070</b>	Hardware Kit	Hardware kit consists of: [4] 8mm-6 point bolts [2] Neapco design retainers [4] 12mm-12point bolts for bearing strap attachment.
<b>6-1250</b>			
<b>6-1170</b>	<b>N170-70-08X</b>	Strap Kit	Half-Round Bearing Strap Kit
<b>6-1250</b>	<b>N250-70-08X</b>	Strap Kit	Half-Round Bearing Strap Kit

# PlateLock™ End Yokes



DL Series	Spline/ Number Teeth	Hub Diameter	Length Through Bore	CL To End Of Hub	Joint Angle	Part Number
<b>SPL* 170HR Series A-6.457 B-2.165</b>						
170HR	2.39-46	--	2.75	5.59	25	<b>N170-4-1271-1</b>
170HR	2.27-44	3.00	2.50	5.27	25	<b>N170-4-201-1X</b>
170HR	2.02-39	2.62	2.50	6.50	45	<b>N170-4-241-1X</b>
170HR	2.02-39	3.00	2.28	5.16	25	<b>N170-4-261-1X</b>
170HR	2.02-39	3.00	2.28	6.24	45	<b>N170-4-281-1X</b>
170HR	2.75-10	3.75	3.00	5.86	25	<b>N170-4-521-1X</b>
170HR	2.79-54	--	2.75	5.60	25	<b>N170-4-561-1</b>
170HR	2.02-39	3.00	2.31	6.39	45	<b>N170-4-671-1X</b>
170HR	2.39-46	3.25	2.33	5.10	25	<b>N170-4-721-1X</b>
<b>SPL* 250HR Series A-6.413 B-2.362</b>						
250HR	2.39-46	--	2.75	5.75	25	<b>N250-4-21-1</b>
250HR	2.75-10	3.75	3.00	6.30	25	<b>N250-4-241-1X</b>
250HR	2.79-54	--	2.75	5.70	25	<b>N250-4-271-1</b>
250HR	2.39-46	3.25	2.31	5.31	25	<b>N250-4-351-1X</b>
250HR	2.27-44	3.00	2.50	5.49	25	<b>N250-4-81-1X</b>
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# PlateLock™ Weld Yokes



DL Series	Tubing Diameter and Wall	Butt Diameter	Type of Butt	CL to Point of Weld	Joint Angle	Part Number
<b>SPL* 170 Series A-6.027 B-2.165</b>						
SPL170*	4.960X.118	4.75	HO	3.69	25	N170-28-17
SPL170*	4.724X.197	4.35	HO	4.73	45	N170-28-27
<b>SPL* 250 Series A-5.985 B-2.362</b>						
SPL250*	5.196X.236	4.75	HO	4.10	25	N250-28-17
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# Midship Stub Shaft



Spline/ Number of Teeth	Bearing Dia.	Tubing Diameter and Wall	Butt Dia,	Length of Spline	End of Spline to Point of Weld	Thread Size	End of Spline to Bearing Shoulder	Shoulder Dia.	Length of Shoulder	Part Number
2.35-46	2.362	5.196X.236	4.75	2.72	5.31	1.25-18-M	4.00	2.88	0.81	N250-53-11
<i>Flanged nut N20-74-91 included with boxed Midship</i>										

# Tubing

Outside Diameter	Wall Thickness	Length In Inches	Part Number
4.73	0.197	72	N110-30-5-72
4.96	0.118	72	N120-30-3-72
5.06	0.167	72	N120-30-4-72
5.12	0.197	72	N120-30-5-72
5.20	0.236	72	N120-30-6-72

# PlateLock™ Sleeve



DL Series	Spline / Number Teeth	End Of Spline To Weld	Butt Diameter	Part Number
SPL170*	3.465-32/34	8.00	4.351	N170-55-21-2X
SPL170 / SPL250*	3.858-38	6.87	4.748	N250-55-31X

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# PlateLock™ Boot



DL Series	Apexes	Inside Diameter	Length in Inches	Part Number
SPL170 / SPL250*	8	4.51/4.51	7.80	<b>N211959X</b>

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# PlateLock™ Yoke Shafts



DL Series	Spline / Number Teeth	Length Of Spline	End Of Spline To Radius	CL To End Of Tube	CL To End Of Spline	Joint Angle	Part Number
SPL170*	3.858-38	5.69	7.81	7.12	11.81	25	<b>N170-82-21X</b>
SPL170*	3.465-34	6.99	9.13	7.82	13.82	45	<b>N170-82-71X</b>
SPL250*	3.858-38	5.69	7.81	7.12	11.81	25	<b>N250-82-21X</b>

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01/2016

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