

MC0618-7  
June 2018

# **ROCKFORD**

## **DRIVE LINE**



***Weld, Flanged & Slip***

MANUFACTURER OF DRIVELINE COMPONENTS  
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# How to Use This Section

Determine which type of stud yoke you need by referring to the illustrations and descriptions at the top of each page.

## To identify a stud yoke (Weld In Style)

- Determine the series of the yoke. This can also be determined by measuring the bearing diameter (**A**) and snap ring lockup (**B**).  
*Note: Inside snap ring type yokes will show the B dimension followed by (I)  
 Outside snap ring type yokes will show the B dimension followed by (O)*
- Determine the tube diameter & wall thickness or continue to step 4.
- Determine the butt diameter (**C**) by measuring the inside diameter of the tubing & adding .010".  
*Note: You are adding .010" to the inside diameter of the tube to achieve the press fit required between the tubing and stub shaft.*
- Determine the stud diameter (**D**) & stud length (**E**).
- Determine the dust shield design required for your application. **Steel** dust shields (early) are used with centering assemblies using external design seals. **Rubber** dust shields (late) are used with centering assemblies using internal design seals.

Centerline to Weld & Centerline to Stud are also included for additional identification.

Part series are shown in ***Bold Italics*** for easy lookup - RDL Kit number is also shown to the far right of each series for quick referencing.

RDL Part Number	A Bearing Diameter	B Snap Ring Lockup - (O/I)	Fits Tube Dia. / Wall	C Butt Diameter	D / E Ball Stud Dia. / Length	F Centerline to Weld	G Centerline to Stud	OEM Dust Shield Design
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### ***1330 Series***

***Use RDL Kit - K213 or K1203***

R2-28-2157	1.063	3.622 - (O)	2.000 / .120	1.770	.500 / .594	1.365	1.640	Steel
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**Notice: The data contained in this catalog has been thoroughly checked for accuracy, however we cannot assume any responsibility for errors, omissions or typographical mistakes that may appear.**

**To identify a stud yoke  
(Flanged Style)**

1. Determine the series of the yoke. All flanged style stud yokes Rockford offers have 1.125" bearing diameter, 2.126 internal snap ring lockup.
2. Determine the stud diameter (**A**) & stud length (**B**).
3. Determine the bolt hole diameter (**C**) and the bolt pattern dimensions (**D & E**)

Pilot Diameter, Centerline to Flange, Centerline to Stud & Bolt Circle are also included for additional identification.

Part series are shown in ***Bold Italics*** for easy lookup - RDL Kit number is also shown to the far right of each series for quick referencing.

*Note: All flanges listed have 1.125 bearing diameter, 2.126 internal lockup.*

RDL Part Number	<b>A</b> Stud Diameter	<b>B</b> Stud Height	Bolt Hole Dimensions			<b>F</b> Pilot Diameter	<b>G</b> Centerline to Flange	<b>H</b> Centerline to Stud	Bolt Circle
			C	D	E				
<b><i>2.5R Series</i></b> <span style="float: right;"><b><i>Use RDL Kit - K2532</i></b></span>									
R25-2-3138	.470	.813	.328	2.696	2.364	1.482	1.700	3.575	

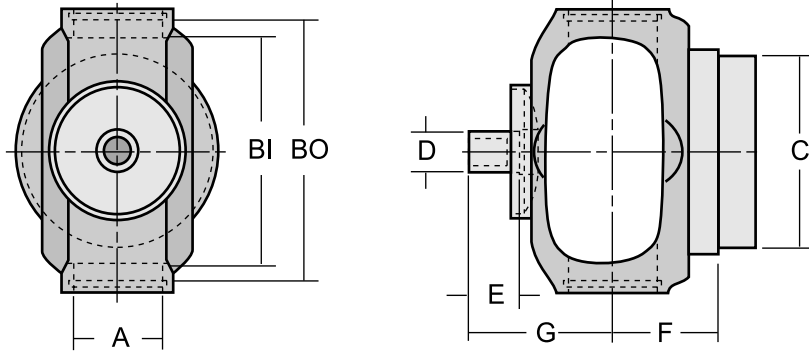
**To identify a stud yoke  
(Flanged Style)**

1. Determine the series of the yoke. This can also be determined by measuring the bearing diameter (**A**) and snap ring lockup (**B**).
2. Determine the major diameter of the spline (**D**).

Number of teeth, centerline to end, distance across ears & dust cap numbers are also included for additional identification.

RDL Part Number	<b>A</b> Bearing Diameter	<b>B</b> Snap Ring Lockup - (O/I)	<b>C</b> Number of Teeth	<b>D</b> Major Spline Dia.	<b>E</b> Center Line To End	<b>F</b> Distance Across Ears	Dust Cap Number Inc.
R2-3-3130	1.063	3.217 - (O)	16	1.375	6.188	3.469	R2-80-194Z

# STUD YOKES (Weld In Style)



RDL Part Number	A Bearing Diameter	B Snap Ring Lockup - (O/I)	Fits Tube Dia. / Wall	C Butt Diameter	D / E Ball Stud Dia. / Length	F Centerline to Weld	G Centerline to Stud	OEM Dust Shield Design
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## 1210 Series

Use RDL Kit - K443

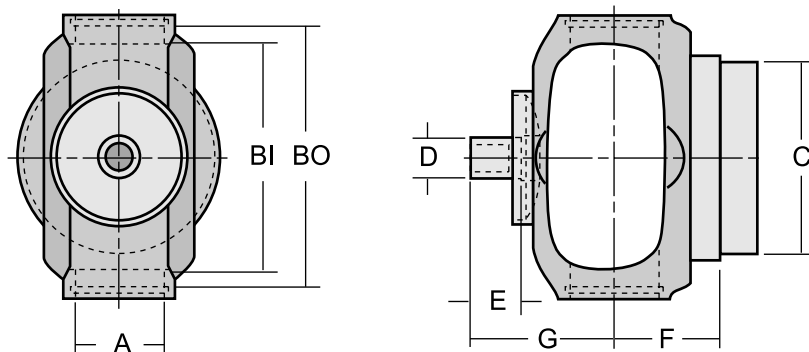
R2-28-3110	1.063	2.437 - (O)	1.250 / .120	1.016	.500 / .594	1.312	1.640	Steel
R2-28-2467	1.063	2.437 - (O)	2.000 / .120	1.770	.500 / .594	1.312	1.640	Steel
R2-28-2717	1.063	2.437 - (O)	2.000 / .083	1.844	.500 / .594	1.312	1.640	Steel
R2-28-2407	1.063	2.437 - (O)	2.500 / .065	2.380	.500 / .594	1.312	1.640	Steel
R2-28-3128	1.063	2.437 - (O)	2.500 / .083	2.344	.500 / .594	1.312	1.640	Steel

## 1310 Series

Use RDL Kit - K153

R2-28-2997	1.063	3.217 - (O)	1.250 / .120	1.016	.500 / .594	1.438	1.640	Steel
R2-28-2807	1.063	3.217 - (O)	1.250 / .120	1.016	.500 / .594	1.438	1.653	Rubber
R2-28-3158	1.063	3.217 - (O)	1.250 / .188	0.879	.500 / .594	1.438	1.640	Steel
R2-28-3237	1.063	3.217 - (O)	1.500 / .120	1.266	.500 / .594	1.438	1.653	Rubber
R2-28-2937	1.063	3.217 - (O)	1.750 / .095	1.570	.500 / .594	1.438	1.640	Steel
R2-28-2827	1.063	3.217 - (O)	1.750 / .095	1.570	.500 / .594	1.438	1.653	Rubber
R2-28-2947	1.063	3.217 - (O)	2.000 / .120	1.770	.500 / .594	1.438	1.640	Steel
R2-28-2867	1.063	3.217 - (O)	2.000 / .120	1.770	.500 / .594	1.438	1.653	Rubber
R2-28-3087	1.063	3.217 - (O)	2.500 / .065	2.380	.500 / .594	1.438	1.653	Rubber
R2-28-2957	1.063	3.217 - (O)	2.500 / .083	2.344	.500 / .594	1.438	1.640	Steel
R2-28-2887	1.063	3.217 - (O)	2.500 / .083	2.344	.500 / .594	1.438	1.653	Rubber
R2-28-2987	1.063	3.217 - (O)	2.750 / .065	2.625	.500 / .594	1.438	1.640	Steel
R2-28-3817	1.063	3.217 - (O)	2.750 / .083	2.594	.500 / .594	1.438	1.640	Steel
R2-28-2967	1.063	3.217 - (O)	3.000 / .065	2.875	.500 / .594	1.438	1.640	Steel
R2-28-2977	1.063	3.217 - (O)	3.000 / .083	2.844	.500 / .594	1.438	1.640	Steel
R2-28-2927	1.063	3.217 - (O)	3.000 / .083	2.844	.500 / .594	1.438	1.653	Rubber

# STUD YOKES (Weld In Style)



RDL Part Number	A Bearing Diameter	B Snap Ring Lockup - (O/I)	Fits Tube Dia. / Wall	C Butt Diameter	D / E Ball Stud Dia. / Length	F Centerline to Weld	G Centerline to Stud	OEM Dust Shield Design
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## 1330 Series

Use RDL Kit - K213 or K1203

R2-28-2157	1.063	3.622 - (O)	2.000 / .120	1.770	.500 / .594	1.365	1.640	Steel
R2-28-3257	1.063	3.622 - (O)	2.000 / .120	1.770	.500 / .594	1.365	1.653	Rubber
R2-28-2137	1.063	3.622 - (O)	2.500 / .083	2.344	.500 / .594	1.365	1.640	Steel
R2-28-3067	1.063	3.622 - (O)	2.500 / .083	2.344	.500 / .594	1.365	1.653	Rubber
R2-28-3277	1.063	3.622 - (O)	2.500 / .095	2.316	.500 / .594	1.365	1.653	Rubber
R2-28-3193	1.063	3.622 - (O)	2.750 / .095	2.568	.500 / .594	1.365	1.653	Rubber
R2-28-2187	1.063	3.622 - (O)	3.000 / .083	2.844	.500 / .594	1.365	1.640	Steel
R2-28-3447	1.063	3.622 - (O)	3.000 / .083	2.844	.500 / .594	1.365	1.653	Rubber

## 3R Series

Use RDL Kit - K3147

R3R-28-3122	1.125	2.556 - (I)	1.250 / .120	1.016	.906 Ball	1.422	1.937	Steel
R3R-28-3121	1.125	2.556 - (I)	1.250 / .188	.868	.906 Ball	1.422	1.937	Steel
R3R-28-3113	1.125	2.556 - (I)	2.000 / .120	1.770	.906 Ball	1.422	1.937	Steel
R3R-28-3134	1.125	2.556 - (I)	2.500 / .083	2.344	.906 Ball	1.422	1.937	Steel
R3R-28-3111	1.125	2.556 - (I)	2.750 / .065	2.625	.906 Ball	1.422	1.937	Steel
R3R-28-3182	1.125	2.556 - (I)	3.000 / .083	2.844	.906 Ball	1.422	1.937	Steel

## 1350 Series (Spicer Style Shafts)

Use RDL Kit - K178

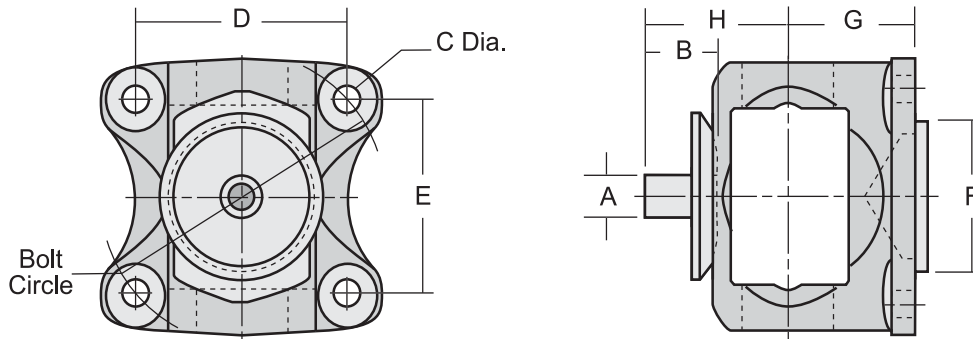
<b>R3-28-3208**</b>	1.188	3.622 - (O)	2.000 / .120	1.770	.500 / .625	1.469	1.744	Rubber
R3-28-3198	1.188	3.622 - (O)	2.500 / .095	2.316	.500 / .625	1.469	1.744	Rubber
R3-28-3132	1.188	3.622 - (O)	2.500 / .083	2.344	.500 / .625	1.469	1.744	Rubber
R3-28-3133	1.188	3.622 - (O)	2.750 / .083	2.594	.500 / .625	1.469	1.744	Rubber
R3-28-1327	1.188	3.622 - (O)	3.000 / .083	2.844	.500 / .625	1.469	1.744	Rubber
R3-28-1527	1.188	3.622 - (O)	3.500 / .083	3.342	.500 / .625	1.469	1.744	Rubber

## 1355 Series (AAM Style Shafts)

Use RDL Kit - K178

R3-28-7316	1.188	3.622 - (O)	2.750 / .083	2.594	.906 Ball	1.469	2.094	Steel
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# STUD YOKES (Flanged Style)



**Note: All flanges listed have 1.125 bearing diameter, 2.126 internal lockup.**

RDL Part Number	A Stud Diameter	B Stud Height	Bolt Hole Dimensions			F Pilot Diameter	G Centerline to Flange	H Centerline to Stud	Bolt Circle
			C	D	E				

### 2.5R Series

**Use RDL Kit - K2532**

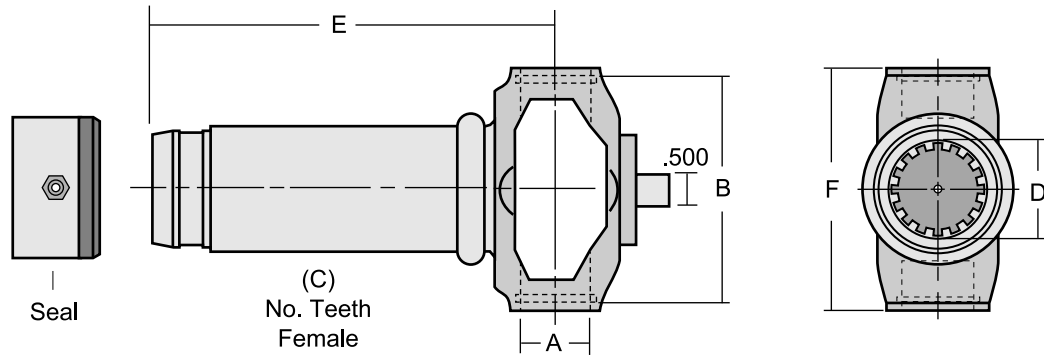
R25-2-3138	.470	.813	.328	2.696	2.364	1.809	1.482	1.700	3.575
R25-2-3142	.470	.813	.394	2.696	2.364	1.809	1.482	1.700	3.575
R25-2-3140	.470	.813	.394	2.750	2.426	1.809	1.482	1.700	3.670
R25-2-3139	.511	.938	.328	2.696	2.364	1.809	1.482	1.827	3.575
R25-2-3141	.511	.938	.394	2.750	2.426	1.809	1.482	1.827	3.670
R25-2-3143	.511	.938	.410	2.360	2.360	1.809	1.521	1.858	3.340
R25-2-3144	.511	.938	.445	2.596	2.596	1.809	1.521	1.858	3.670
R25-2-3145	.511	.938	.405	2.720	2.280	2.370	1.521	1.858	3.550

### 2.5R Series (Conversion Flanges) - use with 1st design components

**Use RDL Kit - K2532**

R25-2-3162	.470	.813	.410	2.360	2.360	1.809	1.482	1.700	3.340
R25-2-3163	.470	.813	.445	2.596	2.596	1.809	1.482	1.700	3.670

# BALL STUD SLIP YOKES (C.V. Applications)



RDL Part Number	A Bearing Diameter	B Snap Ring Lockup - (O/I)	C Number of Teeth	D Major Spline Dia.	E Center Line To End	F Distance Across Ears	Dust Cap Number Inc.
<b>1210 Series</b>			<b>Use RDL Kit - K443</b>				
R2-3-3129	1.063	2.437 - (O)	16	1.250	6.375	2.688	R2-80-196Z
<b>1310 Series</b>			<b>Use RDL Kit - K153</b>				
R2-3-3130	1.063	3.217 - (O)	16	1.375	7.063	3.469	R2-80-194Z
R2-3-6100	1.063	3.217 - (O)	16	1.375	6.438	3.469	R2-80-194Z
<b>1330 Series</b>			<b>Use RDL Kit - K1203 or K213</b>				
R2-3-3131	1.063	3.622 - (O)	16	1.375	6.438	3.875	R2-80-194Z
R2-3-3134	1.063	3.622 - (O)	16	1.500	8.188	3.875	RD3A

# ***Notes:***

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# PART NUMBER INTERCHANGE LIST

MFG. NO.	OUR NO.	MFG. NO.	OUR NO.
<b>Neapco</b>		415C .....	R25-2-3141
N2-28-2137X .....	R2-28-2137	415D .....	R25-2-3142
N2-28-2157X .....	R2-28-2157	415E .....	R25-2-3143
N2-28-2407X .....	R2-28-2407	416 .....	R2-28-2407
N2-28-2467X .....	R2-28-2467	417 .....	R2-28-2467
N2-28-2747X .....	R2-28-2747	418 .....	R2-28-2137
N2-28-2807X .....	R2-28-2807	<b>Spicer</b>	
N2-28-2827X .....	R2-28-2827	2-28-2137X.....	R2-28-2137
N2-28-2867X .....	R2-28-2867	2-28-2157X.....	R2-28-2157
N2-28-2887X .....	R2-28-2887	2-28-2187X.....	R2-28-2187
N2-28-2907X .....	R2-28-2907	2-28-2407X.....	R2-28-2407
N2-28-2927X .....	R2-28-2927	2-28-2747X.....	R2-28-2747
N2-28-2937X .....	R2-28-2937	2-28-2827X.....	R2-28-2827
N2-28-2947X .....	R2-28-2947	2-28-2867X.....	R2-28-2867
N2-28-2957X .....	R2-28-2957	2-28-2887X.....	R2-28-2887
N2-28-2967X .....	R2-28-2967	2-28-2907X.....	R2-28-2907
N2-28-2977X .....	R2-28-2977	2-28-2927X.....	R2-28-2927
N2-28-2987X .....	R2-28-2987	2-28-2937X.....	R2-28-2937
N2-28-2997X .....	R2-28-2997	2-28-2947X.....	R2-28-2947
N2-28-3067X .....	R2-28-3067	2-28-2957X.....	R2-28-2957
N2-28-3087X .....	R2-28-3087	2-28-2967X.....	R2-28-2967
N2-28-3257X .....	R2-28-3257	2-28-2977X.....	R2-28-2977
N2-28-3277X .....	R2-28-3277	2-28-2987X.....	R2-28-2987
N2-28-3447X .....	R2-28-3447	2-28-2997X.....	R2-28-2997
N2-28-3817X .....	R2-28-3817	2-28-3067X.....	R2-28-3067
N3-28-1327-1X .....	R3-28-1327	2-28-3087X.....	R2-28-3087
N3-28-1527-1X .....	R3-28-1527	2-28-3257X.....	R2-28-3257
N3-28-1747-1X .....	R3-28-3133	2-28-3277X.....	R2-28-3277
N3-28-2947X .....	R3-28-3208**	2-28-3447X.....	R2-28-3447
N3-28-3281X .....	R3-28-3198	2-28-3657X.....	R2-28-3128
N3R-28-053 .....	R3R-28-3122	2-28-3817X.....	R2-28-3817
N3R-28-341 .....	R3R-28-3111	3-28-1327X.....	R3-28-1327
N3R-28-869 .....	R3R-28-3113	3-28-1527X.....	R3-28-1527
<b>Rockford (Old Numbers)</b>		3-28-1747X.....	R3-28-3133
410 .....	R3R-28-3113		
410A .....	R3R-28-3111		
410B .....	R3R-28-3122		
411 .....	R2-28-2947		
412 .....	R2-28-2997		
413 .....	R2-28-2957		
415 .....	R25-2-3138		
415A .....	R25-2-3139		
415B .....	R25-2-3140		

\*\* New addition to MC0618-7 catalog

## ***Notes:***

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# PART NUMBER INDEX



PART NUMBER	PG	PART NUMBER	PG
R2-28-2137 .....	5	R3-28-1327 .....	5
R2-28-2157 .....	5	R3-28-1527 .....	5
R2-28-2187 .....	5	R3-28-3132 .....	5
R2-28-2407 .....	4	R3-28-3133 .....	5
R2-28-2467 .....	4	R3-28-3198.....	5
R2-28-2717 .....	4	<b>R3-28-3208**</b> .....	5
<del>R2-28-2747</del> .....	Discontinued Item	R3-28-7316 .....	5
R2-28-2807 .....	4	R3R-28-3111 .....	5
R2-28-2827 .....	4	R3R-28-3113 .....	5
R2-28-2867 .....	4	R3R-28-3121 .....	5
R2-28-2887 .....	4	R3R-28-3122 .....	5
<del>R2-28-2907</del> .....	Discontinued Item	R3R-28-3134 .....	5
R2-28-2927 .....	4	R3R-28-3182 .....	5
R2-28-2937 .....	4		
R2-28-2947 .....	4		
R2-28-2957.....	4		
R2-28-2967.....	4		
R2-28-2977 .....	4		
R2-28-2987 .....	4		
R2-28-2997 .....	4		
R2-28-3067 .....	5		
R2-28-3087 .....	4		
R2-28-3110 .....	4		
R2-28-3128 .....	4		
R2-28-3158 .....	4		
R2-28-3193 .....	5		
R2-28-3237 .....	4		
R2-28-3257 .....	5		
R2-28-3277 .....	5		
R2-28-3447 .....	5		
R2-28-3817 .....	4		
R2-3-3129 .....	7		
R2-3-3130 .....	7		
R2-3-3131 .....	7		
R2-3-3134 .....	7		
R2-3-6100.....	7		
R25-2-3138 .....	6		
R25-2-3139 .....	6		
R25-2-3140 .....	6		
R25-2-3141 .....	6		
R25-2-3142 .....	6		
R25-2-3143 .....	6		
R25-2-3144 .....	6		
R25-2-3145.....	6		
R25-2-3162 .....	6		
R25-2-3163 .....	6		

\*\* New addition to MC0618-7 catalog



THE

**SOLUTION COMPANY**

EST 1947

MANUFACTURER OF DRIVELINE COMPONENTS  
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