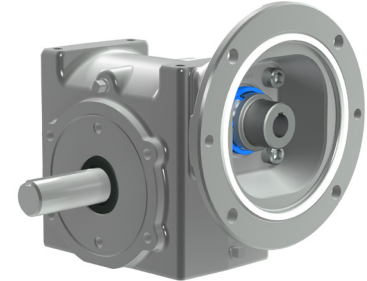


RD Speed Reducer Interchange Guide

The Winsmith RD product line offers a fret-free motor connection system that provides, quick motor replacement. The RD Speed Reducers are dimensionally interchangeable with most commonly used right-angle speed reducers and have unparalleled performance.



TECHNICAL INFORMATION	
Ratio	5:1-100:1
Input Horsepower	Up to 12 HP
Output Torque	200-3500 lbf.-in.
Sizes	1.33 in.-3.00 in.Center Distances

Key Features

- **Universal Lubricant Level**
 - One level for all mounting positions
 - Mobile Glygoyle* 460 H1 registered lubricant
- **Fret-Free Motor Connection**
 - Quick motor removal
- **Interchangeable Mounting Options**
 - Easy conversion
- **WinGuard™ 316 Stainless Epoxy Coating**
 - Stainless flake creates a corrosion barrier
 - Standard on all products
 - ASTM B-117 1000 hour salt spray test proven
- **The RD Guarantee Program**
 - Reduces downtime and inventory
- **Compact Design**
 - Performance of coupled products
 - Compactness of a quill
- **Smoother Housing**
 - Provides easy wash down

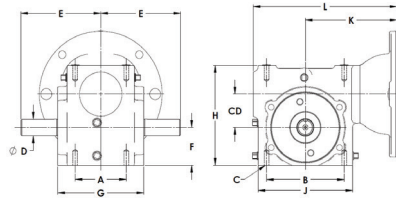
Applications

- Food Processing • Processing Equipment
- Material Handling



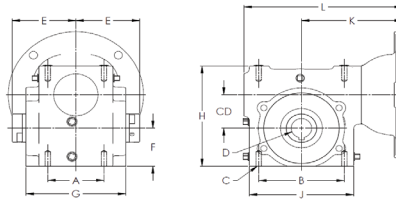
Dodge* Tigear2 Interchange Guide

Solid Shaft



Brand	Product Line	CD	A	B	C	D	E	F	G	H	J	Quill Input				Coupled Input			
												K		L		K		L	
												56C 140TC	180TC	56C 140TC	180TC	56C 140TC	180TC	56C 140TC	180TC
Winsmith	RD	1.33	2.00	3.25	5/16-18 x .56	0.625	4.00	1.72	3.88	4.63	3.94	4.38	-	6.63	-	4.38	-	6.63	-
Dodge	Tigear2	1.33	2.00	3.25	1/4-20 x .50	0.625	4.00	1.71	4.10	4.88	4.25	4.41	-	7.03	-	7.24	-	9.86	-
Winsmith	RD	1.75	2.75	4.19	5/16-18 x .63	0.875	4.31	1.99	4.63	5.25	5.09	4.94	-	7.94	-	4.94	-	7.94	-
Dodge	Tigear2	1.75	2.75	4.19	5/16-18 x .75	0.875	4.31	1.99	4.89	5.85	5.50	4.92	-	8.09	-	7.75	-	11.10	-
Winsmith	RD	2.00	2.88	5.00	3/8-16 x .63	1.000	4.69	2.28	4.38	5.81	5.91	5.06	-	8.19	-	5.06	-	8.19	-
Dodge	Tigear2	2.00	2.88	5.00	3/8-16 x .75	1.000	4.69	2.24	5.01	6.35	6.12	5.02	-	8.47	-	7.85	-	11.40	-
Winsmith	RD	2.38	2.88	5.00	3/8-16 x .75	1.125	5.14	2.50	5.63	6.81	6.10	5.50	6.02	9.12	9.64	5.50	6.02	9.12	9.64
Dodge	Tigear2	2.31	2.88	5.00	3/8-16 x .69	1.125	5.14	2.50	5.68	7.38	6.76	5.47	6.29	9.12	9.94	8.60	9.33	12.25	12.98
Winsmith	RD	2.63	3.38	6.38	3/8-16 x .75	1.125	5.63	2.94	5.63	7.50	7.36	5.70	6.22	9.58	10.10	5.70	6.22	9.58	10.10
Dodge	Tigear2	2.63	3.38	6.38	3/8-16 x .69	1.125	5.63	2.87	5.77	8.36	7.26	5.51	6.32	9.37	10.18	8.63	9.36	12.70	13.60
Winsmith	RD	3.00	4.00	7.00	7/16-14 x .88	1.250	6.75	3.25	7.50	8.25	8.13	6.05	6.56	10.24	10.75	6.05	6.56	10.24	10.75
Dodge	Tigear2	3.00	4.00	7.00	7/16-14 x .92	1.375	6.75	3.25	6.67	8.88	8.24	6.12	6.93	10.58	11.39	9.24	9.97	13.70	14.43

Hollow Shaft



Brand	Product Line	CD	A	B	C	D	E	F	G	H	J	Quill Input				Coupled Input			
												K		L		K		L	
												56C 140TC	180TC	56C 140TC	180TC	56C 140TC	180TC	56C 140TC	180TC
Winsmith	RD	1.75	2.75	4.19	5/16-18 x .63	.625, .750, .875, .938, 1.000	3.13	1.99	4.88	5.25	5.09	4.94	-	7.94	-	4.94	-	7.94	-
Dodge	Tigear2	1.75	2.75	4.19	5/16-18 x .75	1.000	2.71	1.99	4.89	5.85	5.50	4.92	-	8.09	-	7.75	-	11.10	-
Winsmith	RD	2.00	2.88	5.00	3/8-16 x .63	.750, .938, 1.000, 1.125, 1.188, 1.250, 1.438	3.31	2.28	5.25	5.81	5.91	5.06	-	8.19	-	5.06	-	8.19	-
Dodge	Tigear2	2.00	2.88	5.00	3/8-16 x .75	1.188, 1.250	2.85	2.24	5.01	6.35	6.12	5.02	-	8.47	-	7.85	-	11.40	-
Winsmith	RD	2.38	2.88	5.00	3/8-16 x .75	1.000, 1.063, 1.125, 1.188, 1.250, 1.313, 1.438, 1.500	3.44	2.50	5.50	6.81	6.10	5.50	6.02	9.12	9.64	5.50	6.02	9.12	9.64
Dodge	Tigear2	2.31	2.88	5.00	3/8-16 x .69	1.438, 1.500, 1.688	3.31	2.50	5.65	7.38	6.76	5.47	6.29	9.12	9.94	8.60	9.33	12.25	12.98
Winsmith	RD	2.63	3.38	6.38	3/8-16 x .75	1.000, 1.063, 1.125, 1.188, 1.250, 1.313, 1.375, 1.438, 1.500, 1.625, 1.688	3.50	2.94	5.38	7.50	7.36	5.70	6.22	9.58	10.10	5.70	6.22	9.58	10.10
Dodge	Tigear2	2.63	3.38	6.38	3/8-16 x .69	1.438, 1.688	3.31	2.87	5.66	8.36	7.26	5.51	6.32	9.37	10.18	8.63	9.36	12.70	13.60
Winsmith	RD	3.00	4.00	7.00	7/16-14 x .88	1.188, 1.250, 1.375, 1.438, 1.500, 1.625, 1.688, 1.750, 1.875, 1.938, 2.000	3.69	3.25	7.50	8.25	8.13	6.05	6.56	10.24	10.75	6.05	6.56	10.24	10.75
Dodge	Tigear2	3.00	4.00	7.00	7/16-14 x .92	1.938	3.88	3.25	6.67	8.88	8.24	6.12	6.93	10.58	11.39	9.24	9.97	13.70	14.43

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PEERLESS WINSMITH, INC.
172 EATON STREET
SPRINGVILLE, NY
14141
TEL: 716 592 9310
FAX: 716 592 9546