

Wing Bearing Components 2014



MSI MACHINE SERVICE, INC.

*A Tradition of World-Class Driveline Solutions
Since 1948*

MACHINE SERVICE HISTORY 2014

In 1948 a young man with great ambition named Edward Fowles founded a small machine shop in his father's fish house on the banks of the Fox River. He operated for two years at this location across from the James River Paper Mill, commercial fishing in the day and running the MSI business at night. It was then that he discovered the need for quality machine work at an economical price and decided to specialize in the power transmission segment of the machining industry. He resolved to make driveshaft components a major part of his business and pioneered the development of innovative drive shaft manufacturing equipment. This young entrepreneur was well on his way to becoming an industry leader.

Eight years later, as a result of more growth, MSI added an addition to the block building. They continued to expand the building every few years until it reached its present size of over 100,000 square feet in the Green Bay location. This provided space for advanced machining centers, a new inventory management system, state of the art fabricating machines and computerized balancing equipment with the finest in technological read-outs to ensure the best quality for our valued customers.

Edward Fowles Sr. recognized a need and developed a market niche when he started his business in 1948. It was his dream to pass on this legacy to his family someday. Currently the Fowles Family still manages the company and they see a bright future taking shape.

Today MSI has locations and many offices in North America with a global representation. Serving clients world-wide, MSI continues to respond to customer's needs and changing technologies. Machine Service Inc. has certainly grown from its humble beginnings, yet many of the key founding elements still remain such as manufacturing precision parts, offering high quality components and providing excellent on time service

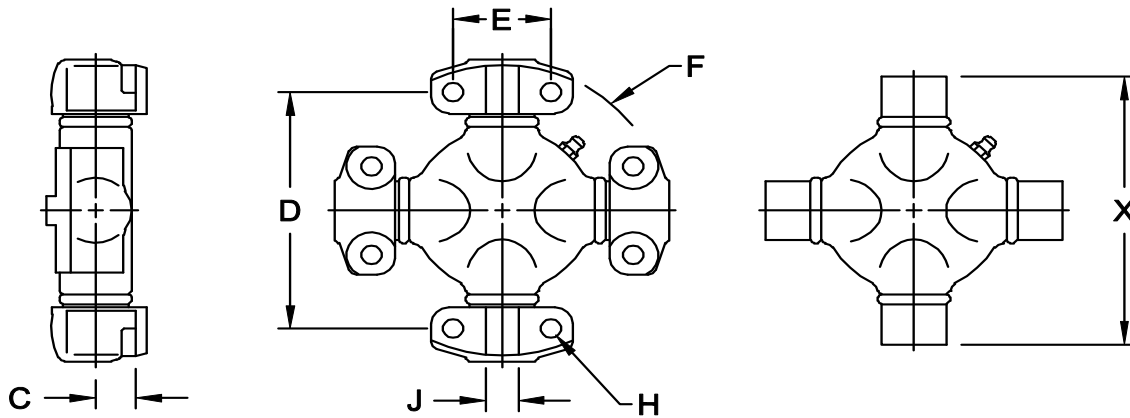


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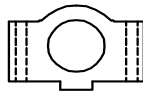
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All items subject to availability.

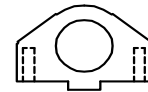
Wing Bearing Joint Identification Chart



LWD - Low Wing Drilled
LWT - Low Wing Threaded



HWD - High Wing Drilled
HWT - High Wing Threaded



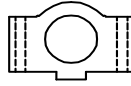
DWT - Delta Wing Threaded

Series	C	D	E	F	H	J	X
2C	0.52	2.34	1.31	3.12	5/16"-24	0.38	2.88
3C	0.61	2.75	1.44	3.56	5/16"-24	0.38	3.31
4C	0.61	3.44	1.44	4.25	5/16"-24	0.38	4.00
5C	0.69	3.50	1.69	4.53	3/8"-24	0.56	4.10
58WB	0.81	4.27	1.94	5.31	7/16"-20	0.62	4.82
6C	0.69	4.50	1.69	5.53	3/8"-24	0.56	5.10
7C	0.81	4.62	1.94	5.84	1/2"-20	0.62	5.35
8C	0.81	6.88	1.94	8.12	1/2"-20	0.62	7.60
8.5C	1.00	4.88	2.81	6.50	1/2"-20	0.62	5.86
9C	1.00	6.62	2.81	8.25	1/2"-20	0.62	7.61
9.5C	1.12	6.62	2.81	8.25	1/2"-20	0.62	7.61
10C	1.28	6.50	3.62	8.38	5/8"-18	1.00	7.73
10.5C-J490	1.34	6.80	3.50	8.75	5/8"-18	1.00	7.73
<i>*Above is a conversion joint. 10C on one side and 10.5C-J490 on the other side. Measure carefully.</i>							
11C	1.34	6.80	3.50	8.75	3/4"-16	1.00	8.07
12C	1.28	9.50	3.62	11.38	M14 x 2	1.00	10.87
15C (J800)	1.50	7.87	3.94	10.23	3/4"-16	1.25	9.44
J1200	1.78	8.88	4.64	11.50	7/8"-14	1.25	-

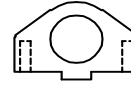
Wing Bearing Joints



LWD - Low Wing Drilled
LWT - Low Wing Threaded



HWD - High Wing Drilled
HWT - High Wing Threaded



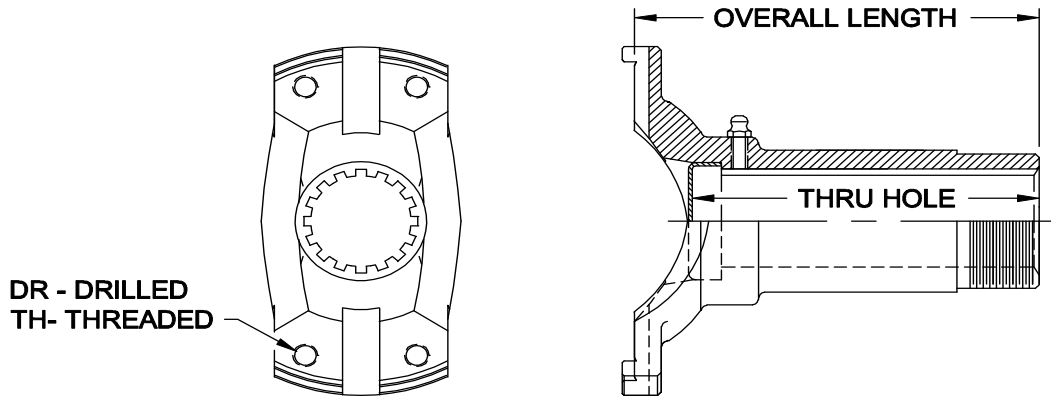
DWT - Delta Wing Threaded

Part #	Description
5-2110XMS	2C-DWT
5-3000XMS	3C-LWT
5-3150XMS	3C-LWD x LWT
5-3158XMS	3C-HWD x LWT
5-4123XMS	4C-LWD x LWT
5-4138XMS	4C-LWT
5-4143XMS	4C-HWD
5-5122XMS	5C-DWT
5-5127XMS	5C-LWD x DWT
5-5173XMS	5C-HWD x DWT
5-5177XMS	5C-HWD
5-5800XMS	58WB-HWD
5-6102XMS	6C-HWD x DWT
5-6000XMS	6C-DWT
5-6106XMS	6C-HWD
5-6164XMS	6C-HWD x 7C-HWD
5-6165XMS	6C-HWD x 7C-DWT
5-7202XMS	7C-HWD x DWT
5-7000XMS	7C-DWT
5-7105XMS	7C-HWD
5-8207XMS	8C-HWD x DWT
5-8205XMS	8C-DWT
5-8105XMS	8C-HWD
5-8515XMS	8.5C-HWD x DWT
5-8500XMS	8.5C-DWT
W8575XMS	8.5C-LWD
5-8516XMS	8.5C-HWD
CP92N-HB	9C-HWD x DWT
CP92N-DWT	9C-DWT
5-9001XMS	9C-HWD
W10011MS	10C-HWD

Part #	Description
5-11111X <i>*Bolt #18365(3/4"-16x3")</i>	11C-HWD
5-11111X <i>*Use with step bolt #420500-44</i>	J-490-HWD
3-76946	12C-HWD
W15000MS <i>*Opt. 12pt bolt #10210-08615</i>	15C-HWD
X219145 <i>*Uses bolt #211944</i>	J1200-HWD

Conversion Joints	
Part #	Description
5-291XMS	2C-LWT x 1310 SPICER® Style
5-345XMS	4C-HWD x 1410 SPICER® Style
5-347XMS	5C-HWD x 1480 SPICER® Style
5-221XMS	6C-HWD x 1550 SPICER® Style
5-330XMS	7C-HWD x 1650 SPICER® Style

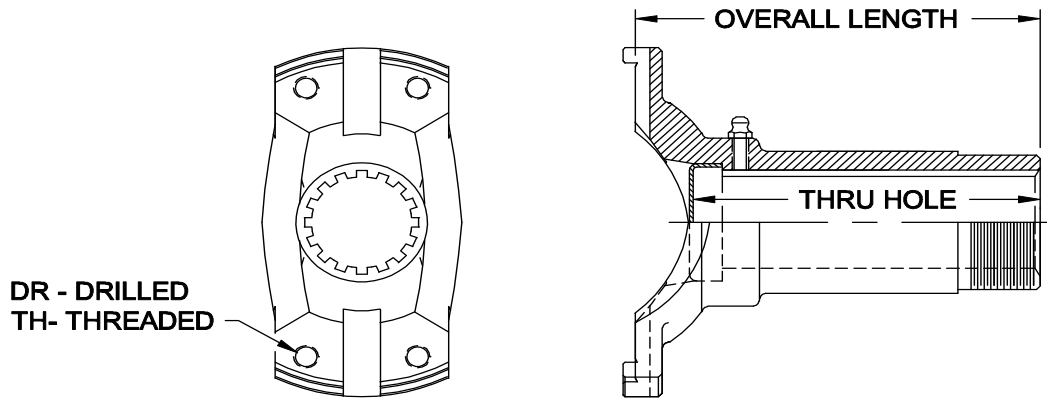
Slip Yokes



Series	Spline Size	O.A.L.	Thru Hole	Holes	Part #	
2C	1.25-10 tooth	4.63	4.25	DR	6-2000MS	
		2.25	2.13	DR	2C-66-1240-1	
3C	1.25-10 tooth	4.28	4.06	DR	6-3000MS	
4C	1.38-10 tooth	4.75	4.48	DR	6-4000MS	
		4.75	4.48	TH	6-4041MS	
	1.38-16 tooth	5.56	5.00	TH	6-4095MS	
5C	1.38-16 tooth	3.63	3.25	DR	6-5009MS	
		5.38	5.00	DR	6-5000MS	
	1.50-10 tooth	5.38	5.00	TH	6-5040MS	
		1.56-16 tooth	3.63	3.00	DR	6-5122MS
	5.63		5.00	TH	6-5118MS	
58WB	1.75-16 tooth	6.75	5.50	DR	58WBLS28-41DCMS	
		8.75	7.50	DR	58WBLS28-42DCMS	
58WB	2.50-16 tooth	3.69	3.50	DR	58LS40-1DCMS	
6C/62N	1.75-10 tooth	3.31	3.00	DR	6CLS-80206	
		3.75	3.38	TH	6-6154MS	
		4.13	3.75	DR	6-6078MS	
		5.63	5.31	DR	62NLS28DC	
		5.63	5.31	TH	62NLS28-1DC	
		7.38	6.44	DR	62NLS28-3DC	
		7.38	6.44	TH	62NLS28-28DC	
		2.00-10 tooth	8.00	7.00	TH	6CLS-80538
	1.75-16 tooth	3.63	3.13	TH	62NLS28-MSD	
		3.88	3.00	TH	3-77780MS	
		5.13	4.25	TH	6-6150MS	
		5.13	4.41	DR	6CLS-80999	
		5.63	5.25	DR	6-6151MS	
		5.63	5.25	TH	6-6140MS	
6.13		5.25	TH	6-6163MS		

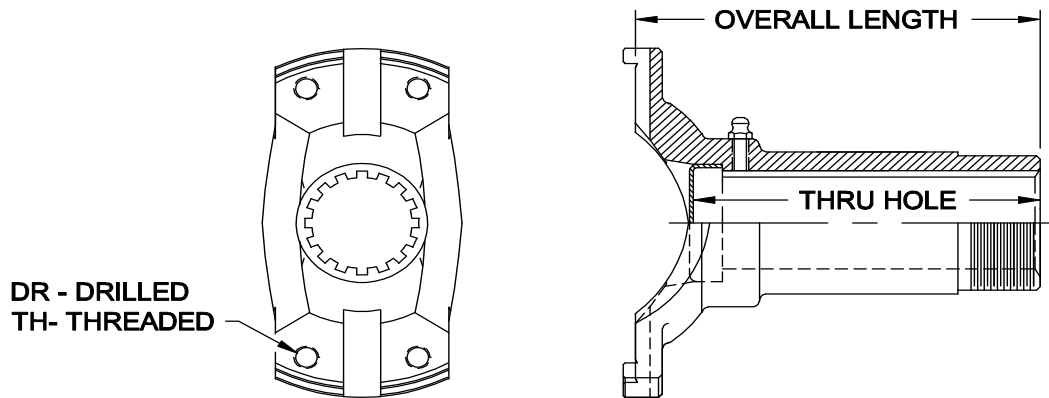
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Slip Yokes



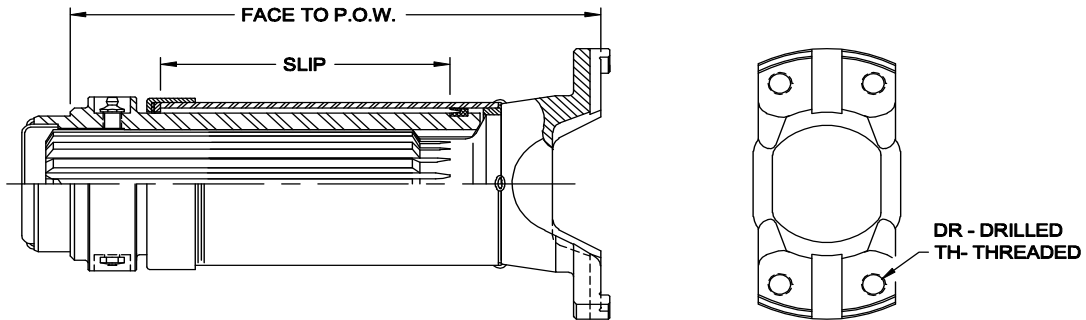
Series	Spline Size	O.A.L.	Thru Hole	Holes	Part #
6C/62N	1.75-16 tooth	6.50	5.88	TH	62NLS28-MS C
		8.50	7.88	TH	62NLS28-MS B
		8.88	8.00	TH	6-6177MS
		9.50	8.00	TH	6-6180MS
	2.00-16 tooth	6.63	5.75	TH	62NLS32-9DC
		10.00	9.00	TH	6CLS-79272
7C/72N	1.75-10 tooth	4.19	3.00	TH	7C-81691
	2.00-10 tooth	4.94	4.38	TH	6-7043MS
		5.31	4.77	TH	72NLS328DC
		5.88	5.31	DR	6-7004MS
		7.06	6.50	TH	72NLS321DC
		7.06	6.50	DR	72NLS3218DC
		8.13	7.00	TH	7C-70520
		9.13	7.75	DR	72NLS32-2DCMS
		9.63	8.50	DR	72NLS3215DCMS
	2.00-16 tooth	3.06	2.44	TH	7CLS79696
		3.50	2.88	TH	6-7178MS
		4.63	4.00	TH	6-7193MS
		5.38	4.63	TH	3-72790MS
		5.00	4.44	DR	6-7141MS
		7.06	6.50	TH	72NLS32-86DC
		7.06	6.50	DR	72NLS32-90DC
		8.13	7.50	TH	6-7190MS
	2.50-16 tooth	10.88	9.50	TH	72NLS3235DC
		2.88	2.56	DR	72NLS40-3DCMS
		3.88	3.56	DR	72NLS40-5DCMS

Slip Yokes



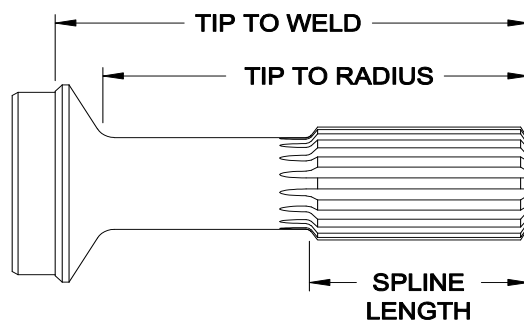
Series	Spline Size	O.A.L.	Thru Hole	Holes	Part #
8C/82N	2.50-10 tooth	6.50	6.06	DR	6-8003MS
		8.00	7.56	TH	82NLS401DCMS
		8.00	7.56	DR	82NLS402DCMS
		9.75	9.00	DR	82NLS4035DCMS
	2.50-16 tooth	5.00	4.50	TH	597949
		8.63	7.50	TH	6-8076MS
8.5C/85WB	2.50-16 tooth	4.50	4.00	TH	8.5C-77707
		5.75	4.63	TH	85WBLS93383
		7.38	6.25	DR	8.5LS4075782
		8.63	7.50	TH	6-8525MS
		10.13	9.00	TH	6-8525-5MS
9C/92N	3.00-16 tooth	6.75	5.50	TH	92NLS48-3DCMS-1
		9.63	8.50	TH	92NLS48-47DCMS
		10.63	9.50	TH	92NLS48-56DCMS
10C	3.50-16 tooth	10.56	9.38	TH	6-10026MS
	3.44-33 tooth	12.00	10.63	TH	3-80258MS
11C	<i>*Call for availability. Stocked as complete kit.</i>				
12C	4.00-38 tooth	13.75	10.87	TH	3-80350MS
15C	4.00-38 tooth	10.75	8.56	TH	577769-75 <i>*Shortened 3-73395MS</i>
		11.31	9.13	TH	456444-62 <i>*Shortened 3-73395MS</i>
		12.50	10.31	TH	3-73395MS-1
		13.75	11.56	TH	3-73395MS

Inverted Slips



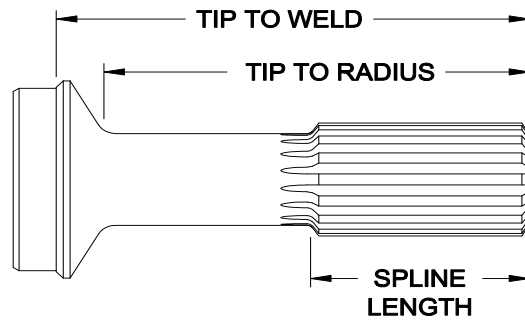
Series	Tube Size	Spline Size	Face to P.O.W.	Slip	Holes	Part #
6C	3.00 x .120	2.00-16 tooth	10.75	6.00	TH	6CSA-90920
	<i>*Matching Weld Yoke - Part #62NY44-1MS</i>					
7C	3.50 x .188	2.50-16 tooth	11.00	6.00	TH	7CSA-86638
	<i>*Matching Weld Yoke - Part #72NY50-3MS</i>					
8C	4.00 x .188	2.50-16 tooth	11.75	6.00	TH	8CSA-86664
	<i>*Matching Weld Yoke - Part #18114J</i>					
8.5C	4.00 x .188	2.50-16 tooth	11.63	6.00	TH	8.5CSA-92424
	<i>*Matching Weld Yoke - Part #32777J</i>					
9C	4.50 x .259	3.00-16 tooth	13.00	6.00	TH	9CSA-98992
	<i>*Matching Weld Yoke - Part #22145JMS (must be turned for 4.50 x .259)</i>					

Splined Stubs



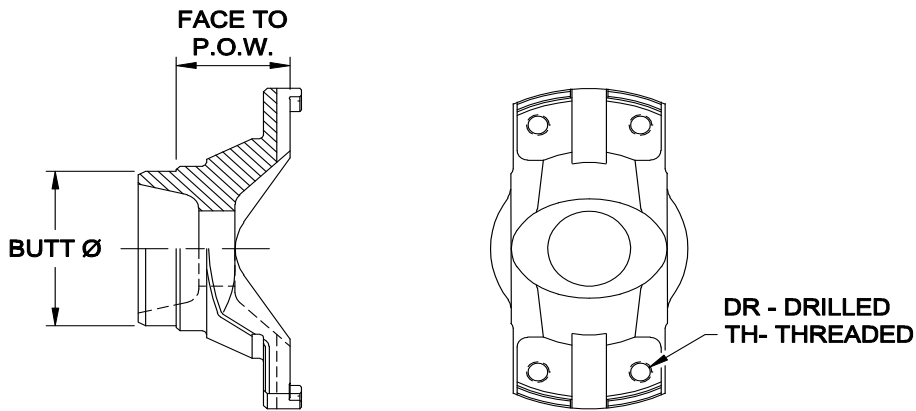
Spline Size	Tube Size	Tip to P.O.W.	Tip to Radius	Spline Length	Part #
1.25-10 tooth	2.00 x .065	5.25	4.69	2.25	3668JMS
1.38-10 tooth	2.50 x .083	6.13	5.38	2.50	3666JMS
1.50-10 tooth	2.50 x .095	6.75	6.04	3.00	3545JMS
	3.00 x .095	7.63	6.88	5.50	4150JMS (full spline)
1.56-16 tooth	2.50 x .095	6.38	5.56	3.00	26561JMS
	3.00 x .095	6.38	5.50	3.00	3-26561JMS
1.75-10 tooth	3.00 x .095	7.00	6.28	3.00	62NPS28-14
		14.25	13.44	12.13	4290JMS (full spline)
	3.50 x .095	7.13	6.87	3.00	9146JMS
1.75-16 tooth	3.00 x .095	7.00	6.28	3.00	26431JMS
	3.00 x .188	7.00	6.28	3.00	26431-187
	3.50 x .095	9.63	8.75	3.00	17072JMS
	4.00 x .083	7.25	6.13	3.00	28609JMS
	3.00 x .095	9.75	8.82	3.00	28330JMS
2.00-10 tooth	3.50 x .120	8.00	7.16	3.50	72NPS32-14
	3.00 x .120	8.38	7.63	4.00	2176JMS
	3.50 x .095	8.50	7.63	4.00	72NPS32MS
	3.50 x .120	8.50	7.63	4.00	10011JMS
	4.00 x .109	8.63	7.63	4.00	72NPS32-22
2.00-16 tooth	3.00 x .120	10.88	10.09	3.00	72NPS32-10-3MS
	3.50 x .095	10.88	10.09	4.00	72NPS32-10MS
	3.50 x .120	8.50	7.44	3.88	26434JMS
	3.50 x .120	11.63	10.86	3.75	7C-77796
	3.50 x .134	9.69	8.78	3.50	H5-40-1011
2.50-10 tooth	4.00 x .109	10.00	8.94	4.50	8021JMS
	4.00 x .134	10.59	9.44	4.00	82NPS40-60
2.50-16 tooth	4.00 x .188	10.00	8.81	4.50	26845JMS
		10.50	9.56	3.90	H6-40-521 (glide coated)
	4.00 x .134	9.25	8.25	4.00	H6-40-541

Splined Stubs



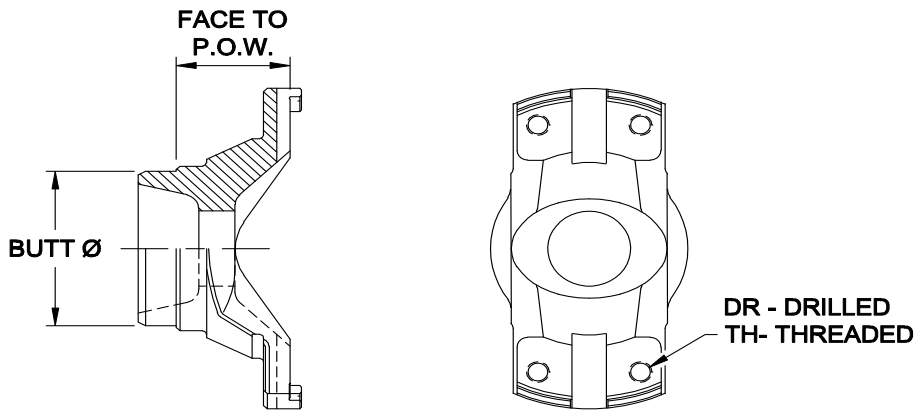
Spline Size	Tube Size	Tip to P.O.W.	Tip to Radius	Spline Length	Part #
3.00-10 tooth	4.50 x .187	11.19	9.71	5.38	11854JMS
3.00-16 tooth	4.50 x .250	11.19	9.65	5.38	25806JMS
3.50-16 tooth	5.00 x .250	10.94	9.75	5.38	25819JMS
4.00-38 tooth Involute	6.50 x .375	14.19	12.59	6.38	2-76182MS
3.44-34 tooth	5.00 x .375	12.44	11.31	5.75	2-79981MS

Weld Yokes



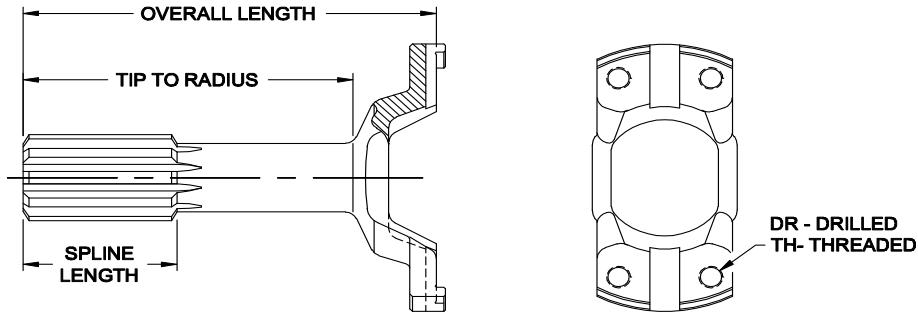
Series	Tube Size	Face to P.O.W.	Butt Dia.	Holes	Part #
2C	2.00 x .065	1.00	1.875	DR	4710JMS
3C	2.25 x .125	1.31	1.998	TH	29125JMS
4C	2.50 x .083	1.25	2.346	TH	11294JMS
5C	2.50 x .095	1.13	2.318	TH	22704JMS
58WB	3.50 x .095	1.81	2.318	DR	58WBY53-1MS
6C/62N	3.00 x .095	1.88	2.818	TH	9668J or 62NY45MS
		1.88	2.818	DR	3669J
	3.00 x .120	1.88	2.768	TH	62NY44-1MS
	3.00 x .188	1.88	2.632	TH	16542JMS
	3.50 x .095	1.88	3.318	TH	22274JMS
		1.88	3.318	DR	62NY53-1MS
		2.25	3.318	DR	62NY53MS (33 Deg.)
4.00 x .083	1.88	3.842	TH	28608JMS	
7C/72N	3.00 x .120	2.44	2.768	TH	72NY44MS
	3.50 x .095	2.13	3.318	TH	72NY53-1MS
	3.50 x .120	2.13	3.268	TH	13922J
	3.50 x .156	3.00	3.198	DR	72NY51-4MS
	3.50 x .188	2.13	3.132	TH	72NY50-3MS
	4.00 x .109	2.13	3.790	DR	72NY61MS
	4.00 x .134	2.13	3.740	TH	72NY60-3MS
8C/82N	3.50 x .156	2.25	3.195	DR	8523JMS
	4.00 x .109	2.44	3.790	TH	82NY60MS
	4.00 x .109	2.69	3.790	DR	8022JMS
	4.00 x .188	2.69	3.632	TH	18114J

Weld Yokes



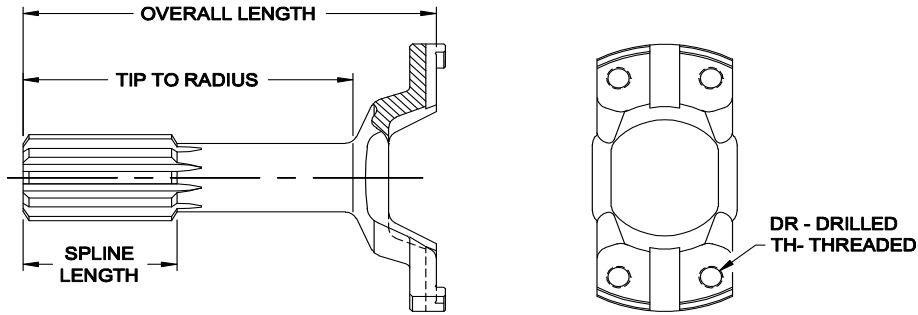
Series	Tube Size	Face to P.O.W.	Butt Dia.	Holes	Part #
8.5C/85WB	4.00 x .134	2.63	3.744	TH	85WBY60-HDMS
		2.63	3.744	DR	85WBY60-BF
	4.00 x .188	2.13	3.632	TH	32777J
		2.13	3.632	DR	597951
9C/92N	4.50 x .250	2.50	4.008	TH	22145J or H92NY64-1
10C	5.00 x .250	3.00	4.508	TH	25818JMS
	5.00 x .375	3.88	4.254	TH	2-76126MS
11C	<i>*Call for availability. Stocked as complete kit.</i>				
12C	6.50 x .375	4.00	5.755	TH	2-80348MS
15C	6.50 x .250	3.81	6.008	TH	2-76943MS
	6.50 x .375	3.81	5.755	TH	2-76185MS

Yoke Shafts



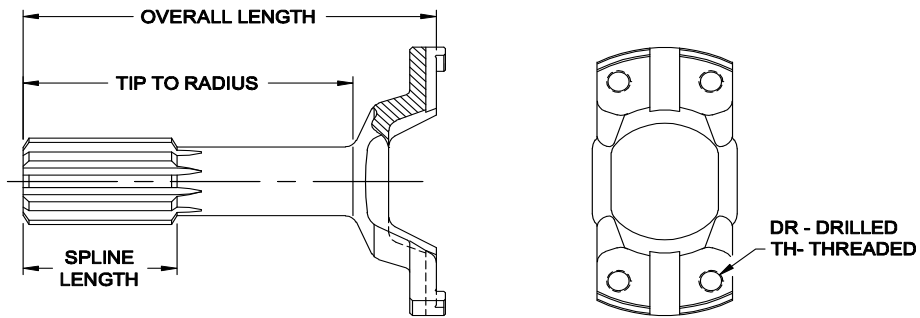
Series	Spline Size	O.A.L.	Tip to Radius	Spline Length	Holes	Part #
2C	1.25-10 tooth	3.00	2.51	1.19	DR	2C-68-1240-2
4C	1.38-10 tooth	4.72	3.38	2.13	DR	5326JMS
	1.75-16 tooth	6.50	5.25	2.75	TH	4CYS-ALL
5C	1.50-10 tooth	5.31	4.06	2.25	DR	5560JMS
		6.50	5.25	2.25	DR	29046JMS
	1.56-16 tooth	4.38	3.13	1.50	TH	29429JMS
		4.88	3.63	1.75	DR	27048JMS
58WB	2.50-16 tooth	5.94	4.19	2.25	DR	58WBYSM40-3MS
6C/62N	1.75-10 tooth	4.38	3.75	2.31	TH	28568JMS
		4.38	3.75	1.81	DR	28568J-1MS
		5.56	4.06	2.50	DR	5571JMS
		6.38	4.88	3.00	TH	62NYSM28-9MS
		7.25	5.63	2.75	TH	62NYSM28-MS
		8.63	7.00	3.00	DR	62NYSM28-23
	2.00-10 tooth	9.88	8.13	4.00	TH	6CYS-81511
	1.75-16 tooth	5.13	3.63	1.75	TH	28154JMS
		6.38	4.88	2.50	TH	26360JMS
		6.63	5.13	2.75	TH	26400JMS
		7.25	5.63	2.75	TH	62NYSM28-MS16
		10.63	9.00	3.00	TH	28914JMS
	2.00-16 tooth	11.25	9.50	4.00	TH	6CYS-79273
	7C/72N	2.00-10 tooth	4.69	3.63	2.00	TH
6.56			4.81	2.75	TH	25233JMS
7.00			5.25	2.94	DR	5505JMS
7.00			5.25	2.94	TH	5505JTH
8.13			5.50	2.75	DR	72NYSM32-74
8.69			6.94	2.75	DR	29052JMS
9.25			6.63	3.00	TH	72NYSM32-118MS
10.50			8.75	4.00	DR	29055JMS

Yoke Shafts



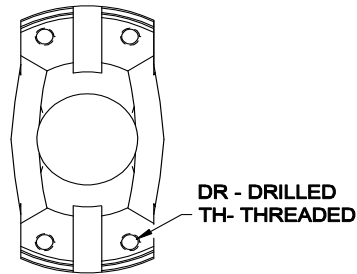
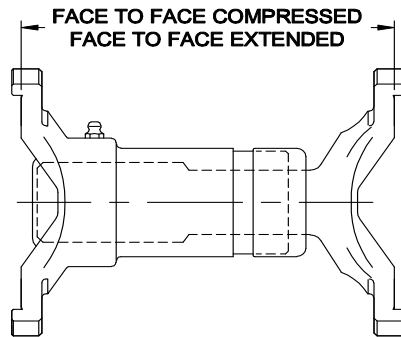
Series	Spline Size	O.A.L.	Tip to Radius	Spline Length	Holes	Part #
7C/72N	2.00-16 tooth	4.50	3.00	1.75	TH	7CYS-86584
		4.75	3.25	2.00	TH	2-78673MS
		4.75	3.25	1.63	TH	7CYS-84102
		5.13	3.50	2.00	TH	27581JMS
		5.63	3.88	2.25	TH	29491JMS
		6.63	4.88	2.50	TH	28632JMS
		6.88	5.13	2.75	TH	2-72464MS
		6.91	5.19	2.94	DR	25518JMS
		7.88	6.25	3.75	TH	27123JMS
		9.38	7.63	4.00	TH	27572JMS
		9.44	7.69	3.63	TH	7C-74405
		10.63	8.88	4.00	TH	27865JMS
		11.63	9.88	4.00	TH	29138JMS
8C/82N	2.50-10 tooth	9.00	6.50	4.00	DR	8C-96508
		10.00	7.50	4.50	DR	28667JMS
		10.75	8.25	4.50	TH	8CTS-76272
	2.50-16 tooth	7.75	5.25	3.00	TH	29894JMS
		8.88	6.38	3.25	TH	597952
		9.13	6.63	4.00	TH	32139JMS
		10.63	8.13	4.50	TH	28177JMS
		11.63	9.00	4.50	TH	29187JMS
12.63	10.13	4.50	TH	32035JMS		
8.5C/85WB	2.50-16 tooth	6.25	4.50	2.81	TH	8.5C-74781
		7.88	5.25	3.00	TH	85WBYSM-93382
		9.63	6.95	4.00	DR	8.5YSM40-75782
		10.50	7.83	4.00	TH	85WBYSM40-36TH
		10.88	8.20	3.50	TH	375892
		12.38	9.70	4.50	TH	8.5CYSM-87591
	2.30-36 tooth involute	11.38	8.88	4.13	TH	32385JMS

Yoke Shafts



Series	Spline Size	O.A.L.	Tip to Radius	Spline Length	Holes	Part #
9C/92N	3.00-16 tooth	8.38	6.00	3.50	TH	92NYSM48MS-16
		9.00	6.63	4.00	TH	92NYSM48-4MS-1
		11.25	8.88	5.38	TH	28825JMS
		12.75	10.38	5.25	TH	28347JMS
		14.38	12.00	5.25	TH	27553JMS
15C	4.00-38 tooth	13.38	9.31	4.00	TH	02076479MS
		15.31	11.24	6.38	TH	576503-75
		17.00	12.94	10.00	TH	573840-75 (semi-finished)
<i>*573840-75 is semi-finished, spline needs heat treat after altering.</i>						

Short Coupled Assemblies

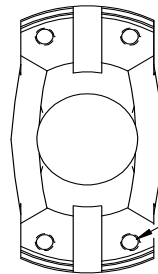
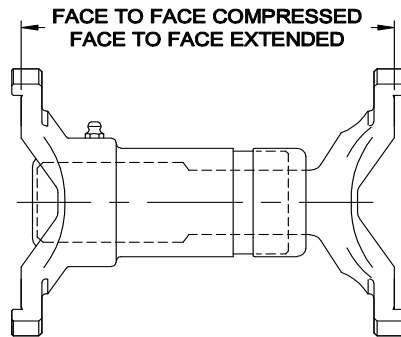


Series	Spline Size	F to F Length	Yoke Shaft	Slip Yoke	Part #
2C	1.25-10 tooth	3.06-3.94	2C-68-1240-2 (DR)	2C-66-1240-1 (DR)	2C-1
4C	1.38-10 tooth	6.25-7.50	5326JMS (DR)	6-4000MS (DR)	4C-1
5C	1.56-16 tooth	5.25-6.50	29429JMS (TH)	6-5122MS (DR)	5C-1
	1.50-10 tooth	5.63-6.69	5560JMS (DR)	6-5009MS (DR)	5C-1A
	1.50-10 tooth	6.94-9.63	29046JMS (DR)	6-5040MS (TH)	5C-2A
58WB	1.75-16 tooth	6.13-7.50	58WBYSM40-3MS (DR)	58WBLS40-1DCMS (DR)	58WB-1
6C	1.75-10 tooth	4.75-5.50	28568JMS (TH)	6CLS80206 (DR)	6C-1A
	1.75-10 tooth	6.00-7.25	5571JMS (DR)	6-6078MS (DR)	6C-2A
	1.75-16 tooth	5.62-7.00	28154JMS (TH)	62NLS28MSD (TH)	6C-3A
	1.75-16 tooth	7.50-9.50	26360JMS (TH)	6-6151MS (DR)	6C-3A1
	1.75-16 tooth	8.50-11.00	62NYSM28MS16 (TH)	62NLS28MSC (TH)	6C-3A2
	1.75-10 tooth	9.63-13.00	62NYSM28MS (TH)	62NLS2828DC (TH)	6C-4A
	1.75-10 tooth	10.25-13.00	62NYSM28-23 (DR)	62NLS2828DC (TH)	6C-4A1
	2.00-10 tooth	11.00-14.50	6CYS81511 (TH)	6C-80538 (TH)	6C-4A2
	1.75-16 tooth	11.50-16.50	28914JMS (TH)	6-6177MS (TH)	6C-5A
	1.75-16 tooth	12.25-17.25	6CYS-79273 (TH)	6CLS-79272 (TH)	6C-6A
7C	2.00-16 tooth	5.30-6.20	7CYS86584 (TH)	7CLS-79696 (TH)	7C-1A
	2.00-16 tooth	5.87-7.00	27581JMS (TH)	6-7178MS (TH)	7C-1A1
	2.00-16 tooth	6.75-8.00	28632JMS (TH)	6-7193MS (TH)	7C-2A *Y.S. shortened .50"
	2.00-16 tooth	7.20-8.87	28632JMS (TH)	6-7193MS (TH)	7C-3A
	2.00-10 tooth	7.70-9.70	5505JTH (TH)	72NLS32-8DC (TH)	7C-4A
	2.00-10 tooth	9.00-11.75	72NYSM32-74 (DR)	6-7004MS (DR)	7C-4A1
	2.00-10 tooth	9.30-13.25	29052JMS (DR)	72NLS32-1DC (TH)	7C-5A
	2.00-10 tooth	9.50-11.50	5505JTH (TH)	72NLS32-1DC (TH)	7C-6A
	2.00-16 tooth	10.00-12.87	27572JMS (TH)	72NLS32-86DC (TH)	7C-7A
	2.00-10 tooth	11.00-13.75	29055JMS (DR)	72NLS32-1DC (TH)	7C-8A
	2.00-10 tooth	11.60-14.60	29055JMS (DR)	7C-70520 (TH)	7C-9A
	2.00-16 tooth	13.00-18.50	29138JMS (TH)	72NLS3235DC (TH)	7C-10A
	2.00-16 tooth	14.75-20.50	2-76627 (TH)	72NLS3235DC (TH)	7C-11A

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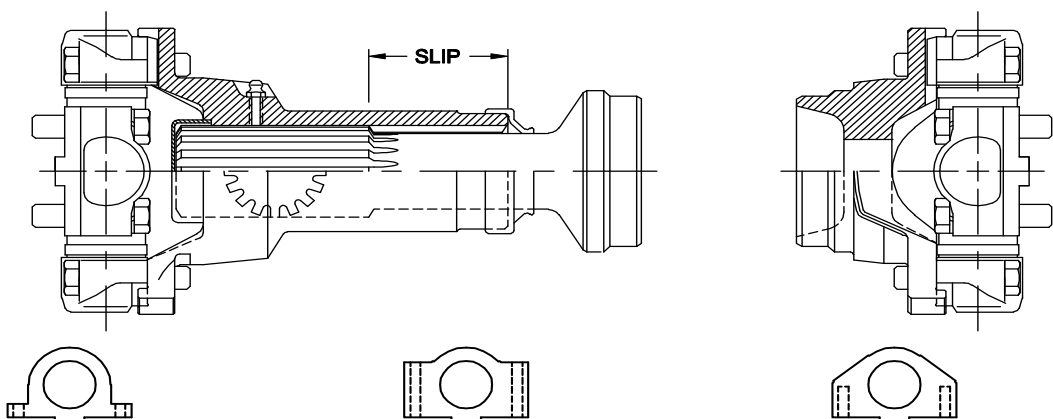
Short Coupled Assemblies



DR - DRILLED
TH- THREADED

Series	Spline Size	F to F Length	Yoke Shaft	Slip Yoke	Part #
8C	2.50-10 tooth	11.25-14.50	8CTS-76272 (TH)	82NLS40-1DC (TH)	8C-1A
	2.50-16 tooth	8.19-9.50	29894JMS (TH)	5540297400 (TH)	8C-3A
	2.50-10 tooth	9.50-12.25	8C-96508 (DR)	6-8003MS (DR)	8C-4A
	2.50-10 tooth	10.38-12.44	28667JMS (DR)	6-8003MS (DR)	8C-5A
	2.50-16 tooth	12.75-15.75	29187JMS (TH)	6-8076MS (TH)	8C-5A1
13.75-16.87		32035JMS (TH)	6-8076MS (TH)	8C-6A	
8C/8.5C	2.50-16 tooth	12.00-16.00	375892 (TH)	6-8076MS (TH)	8C-2A
8.5C	2.50-16 tooth	6.75-8.13	8.5C-74784 (TH)	8.5C-77707 (TH)	8.5C-01
		8.31-9.50	85WBYSM93383 (TH)	8.5C-77707 (TH)	8.5C-02
		9.00-10.60	85WBLS93382 (TH)	85WBYSM93383 (TH)	8.5C-1A
		10.75-13.00	8.5YSM40-75782 (DR)	8.5LS40-75782 (DR)	8.5C-1A1
		11.75-15.25	85WBYSM40-36 (TH)	6-8525MS (TH)	8.5C-1A2
		13.75-18.00	8.5CYSM-87591 (TH)	6-8525-5MS (TH)	8.5C-2A
9C	3.00-10 tooth	10.25-12.00	92NYSM48-4MS-1 (TH)	92NLS48-3DCMS-1 (TH)	9C-1A1
	3.00-16 tooth	13.75-17.00	28825JMS (TH)	92NLS4856DCMS (TH)	9C-1A
		12.75-16.00	28825JMS (TH)	92NLS4847DCMS(TH)	9C-2A
		13.75-17.50	28347JMS (TH)	92NLS4847DCMS(TH)	9C-2A1
		15.50-20.00	27553JMS (TH)	92NLS4856DCMS(TH)	9C-3A
10C	<i>*Call for availability.</i>				
J490	<i>*Call for availability.</i>				
11C	<i>*Call for availability.</i>				
15C	4.00-38 tooth	15.63-19.63	02076479MS (TH)	577769-75 (TH)	15C-1A
		17.50-21.43	576503-75 (TH)	3-73395MS-1 (TH)	15C-2A

Driveshaft Kits



LWD - Low Wing Drilled
LWT - Low Wing Threaded

HWD - High Wing Drilled
HWT - High Wing Threaded

DWT - Delta Wing Threaded

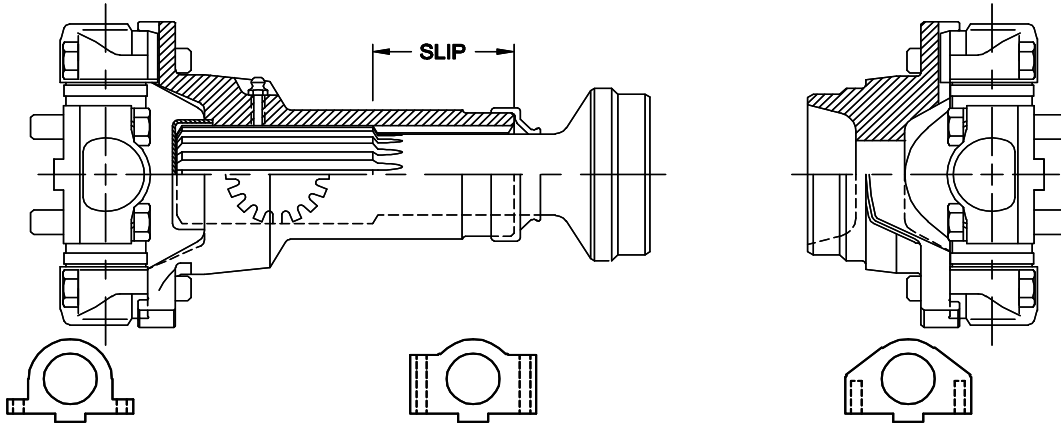
- **Kit includes:** slip yoke, splined stub, weld yoke and two cross & bearing kits.
- **Most butts are solid allowing tube size to be altered.**
- **Joint connections are threaded and can be drilled if required**

Series	Tube	Slip	Spline	Holes	Stack Up F-F of Joints	Joints	Part #
5C	2.50 x .095	2.00	1.50-10 tooth	TH	11.00	HWD	KIT5C-HWD
						DWT	KIT5C-DWT
						HB	KIT5C-HB
						Slip Yoke: 6-5040MS Splined Stub: 3545JMS Weld Yoke: 22704JMS	
6C	3.00 x .095	2.25	1.75-16 tooth	TH	12.63	HWD	KIT62N-HWD
						DWT	KIT62N-DWT
						HB	KIT62N-HB
						Slip Yoke: 6-6163MS Splined Stub: 26431JMS Weld Yoke: 62NY45MS	
7C	3.50 x .095	2.50	2.00-10 tooth	TH	14.44	HWD	KIT72N-HWD
						DWT	KIT72N-DWT
						HB	KIT72N-HB
						Slip Yoke: 72NLS32-1DCMS Splined Stub: 72NPS32MS Weld Yoke: 72NY53-1MS	
8C	4.00 x .188	3.00	2.50-16 tooth	TH	17.06	HWD	KIT82N-HWD
						DWT	KIT82N-DWT
						HB	KIT82N-HB
						Slip Yoke: 6-8076MS Splined Stub: 26845JMS Weld Yoke: 18114J	

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Driveshaft Kits



LWD - Low Wing Drilled
LWT - Low Wing Threaded

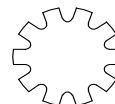
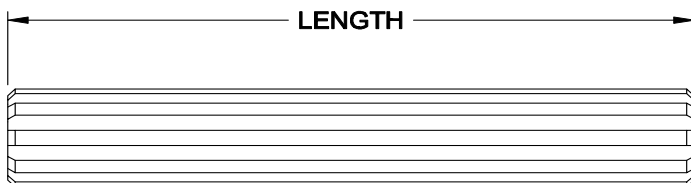
HWD - High Wing Drilled
HWT - High Wing Threaded

DWT - Delta Wing Threaded

- **Kit includes:** slip yoke, splined stub, weld yoke and two cross & bearing kits.
- **Most butts are solid** allowing tube size to be altered.
- **Joint connections are threaded** and can be drilled if required

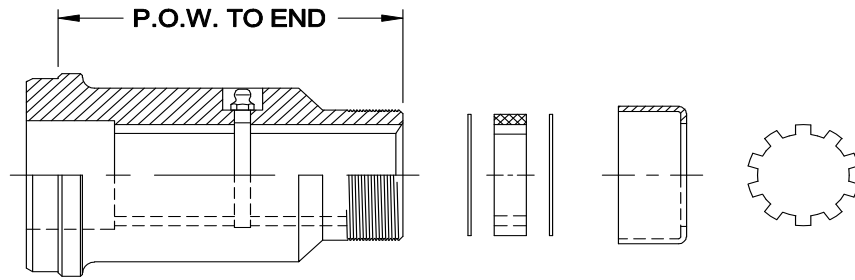
Series	Tube	Slip	Spline	Holes	Stack Up F-F of Joints	Joints	Part #
85WB	4.00 x .134	3.56	2.50-16 tooth	TH	17.00	HWD	KIT85N-HWD
						DWT	KIT85N-DWT
						HB	KIT85N-HB
<i>Slip Yoke: 6-8525MS Splined Stub: H6-40-541 Weld Yoke: 85WBY60-HDMS</i>							
9C	4.50 x .250	3.50	3.00-16 tooth	TH	18.82	HWD	KIT92N-HWD
						DWT	KIT92N-DWT
						HB	KIT92N-HB
<i>Slip Yoke: 92NLS48-47DCMS Splined Stub: 25806JMS Weld Yoke: 22145J</i>							
11C	144mm x 7mm	4.72	90mm-34 tooth involute spline	TH	24.48	HWD	600.001.008

Splined Bars



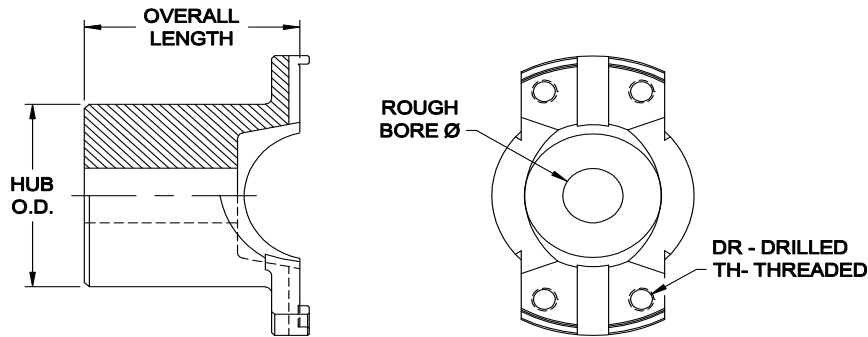
Spline	Length	Part #
1.375-16 tooth	24"	SH-S22-75-24MS
1.50-10 tooth	15"	SH-S24-53-15MS
	22"	SH-S24-53-22MS
1.75-10 tooth	12"	SH-S28-48-12MS
	24"	SH-S28-48-24MS
	48"	SH-S28-48-48MS
1.75-16 tooth	24"	SH-S28-49-24MS
	48"	SH-S28-49-48MS
2.00-10 tooth	12"	SH-S32-48-12MS
	26.5"	SH-S32-48-26.5MS
2.00-16 tooth	24"	SH-S32-38-24MS
	48"	SH-S32-38-48MS
2.50-10 tooth	12"	SH-S40-9-12MS
	24"	SH-S40-9-24MS
	48"	SH-S40-9-48MS
3.00-10 tooth	36"	SH-S48-21-36MS
3.00-16 tooth	12"	SH-S48-55-12MS
	24"	SH-S48-55-24MS

Splined Sleeves



Spline	Tube	Dustcap	P.O.W. to End	Part #
1.50-10 tooth	3.50 x .083	Splined	5.38	SL-S24-30MS
1.75-10 tooth	3.50 x .083	Splined	5.38	SL-S28-30MS
2.00-10 tooth	3.50 x .095	Splined	7.13	SL-S32-10MS

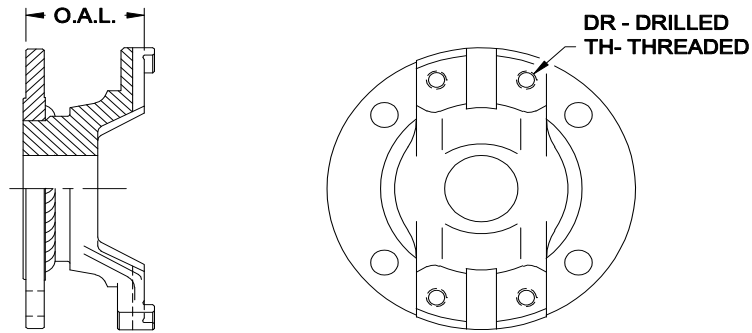
Rough Bore Fitting Yokes



Series	O.A.L.	Hub O.D.	Max. Bore	Rough Bore	Holes	Part #
2C	3.25	2.00	1.38	solid	TH	55602JMS
3C	3.00	2.43	1.56	0.69	TH	55603JMS
	3.00	2.43	1.56	0.69	DR	55603J-1MS
4C	3.41	3.00	2.00	0.69	TH	55604JMS
	3.41	3.00	2.00	0.69	DR	55604J-1MS
5C	3.19	3.19	2.00	0.69	TH	55605JMS
	3.19	3.19	2.00	0.69	DR	55605J-1MS
	4.13	3.19	2.00	0.69	TH	55605JMS-2
	4.00	4.50	3.00	1.25	TH	55605JS
58WB	4.94	3.94	2.50	1.13	TH	58WBYSR24-6MS
	5.26	5.63	3.63	1.25	TH	58WBYSR52MS
6C	3.72	3.13	1.94	0.94	TH	55606JMS
	3.72	3.13	1.94	0.94	DR	55606J-1MS
	4.25	4.00	2.63	1.00	TH	55606JSMS
7C	4.31	4.06	2.63	1.21	TH	55607JMS
	4.31	4.06	2.65	1.21	DR	55607J-1MS
	5.50	6.22	4.00	1.25	TH	55607JSMS
8C	4.88	4.25	2.75	1.22	TH	55608JMS
	4.88	4.25	2.75	1.25	DR	55608J-1MS
8.5C	4.75	3.63	2.25	as forged	TH	55608.5JMS
	4.75	4.63	3.00	1.25	TH	55608.5JMS-1
9C	5.51	5.32	3.63	1.75	TH	645.315.000MS
10C	6.50	6.75	4.50	1.75	TH	55610JMS
10.5C/J490	6.80	7.75	5.25	2.00	TH	227882MS
11C/J600	6.80	7.75	5.25	2.00	TH	229513MS
15C	6.63	6.75	4.50	2.00	TH	228587MS

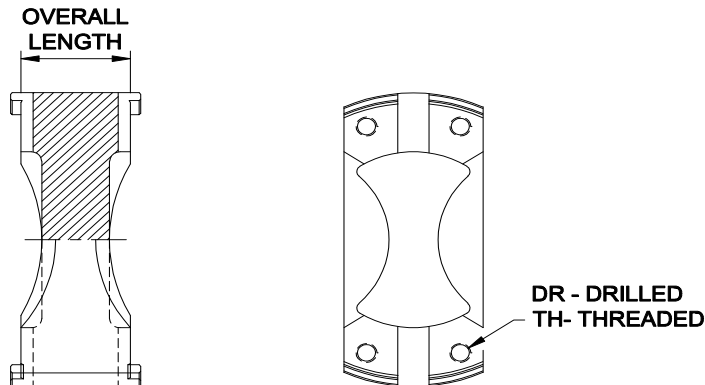
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Flange Yokes



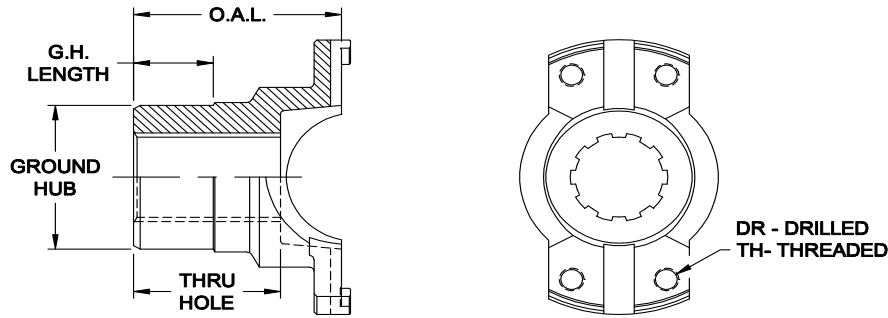
Series	Flange Pattern	O.A.L.	Holes	Part #
4C	1410 Spicer©	1.81	TH	116-27196
5C	1410 Spicer©	1.88	DR	4499JMS
6C	1550 Spicer©	2.22	TH	437482-04
6C	1610 Spicer©	2.31	TH	598775
7C	1610 Spicer©	2.57	TH	116-28426
7C	1710 Spicer©	2.63	TH	72NF32MS
8C	1710 Spicer©	2.94	TH	82NF16MS
8.5C	1810 Spicer©	-	-	*Call for availability

Coupling Plates



Series	Length	Holes	Part #
3C	0.94	DR	5498JMS
4C	0.94	TH	11112JMS
5C	1.38	DR	5491JMS
6C	1.97	TH	6C-93646
7C	1.25	TH	20643JMS

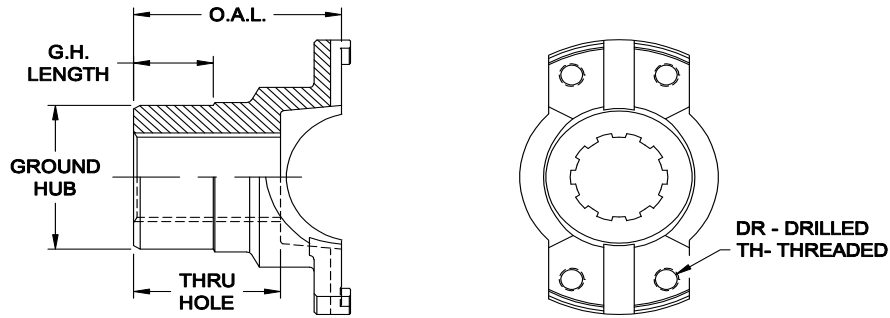
End Yokes



Series	Spline/Bore	G.H. Dia.	G.H. Length	Thru Hole	OAL	Holes	Part #
4C	1.25-14 tooth inv.	2.25	.79	2.28	3.31	TH	121-4089
	1.375-10 tooth	1.88	2.00	2.31	2.94	TH	121-4085
	1.50-14 tooth inv.	N/A	N/A	1.75	3.00	TH	28066JMS
	1.75-13 tooth inv.	2.38	.84	1.75	2.75	TH	121-4068
5C	1.50 Maj.-3/8" Key 1.50"/foot taper	2.50	1.25	2.00	2.94	DR	3842JMS
	1.75 Maj.-7/16"Key 1.50"/foot taper	2.75	1.69	2.25	3.19	DR	5242JMS
	1.25-14 tooth inv.	*2.38	.94	1.75	2.06	DR	16782JMS
	1.375-10 tooth	2.13	1.13	1.36	2.44	DR	19575JMS
	1.50-10 tooth	2.25	1.25	1.94	2.88	DR	4883JMS
		2.25	1.19	2.19	3.47	TH	598776
	1.75-10 tooth	2.63	1.50	1.94	3.19	TH	26639JMS
		2.63	1.25	2.25	3.19	TH	159906W
		2.38	1.19	2.19	3.50	DR	6139JMS
6C	1.50-10 tooth	*1.94	.47	2.00	3.06	DR	62NYS24-8MS
	1.75-10 tooth	2.63	1.25	2.25	3.31	DR	3595JMS
		*3.00	1.5	2.25	3.31	TH	32933JMS
		2.63	1.25	2.25	4.25	DR	62NYS28-32
		*2.88	1.53	2.28	3.34	TH	55866JMS
		2.63	1.44	2.25	4.25	TH	62NYS28-199
		2.63	1.31	2.25	3.50	TH	26407JMS
	1.75-13 tooth inv.	*3.08	1.06	2.44	2.92	TH	2-70400
	1.76-27 tooth inv.	*3.13	1.47	2.56	3.69	TH	28315JMS
	2.00-10 tooth	3.25	1.63	3.00	4.25	TH	27514B
2.94		1.59	3.00	4.25	TH	62NYS32-16MS	

* Hub diameter not ground.

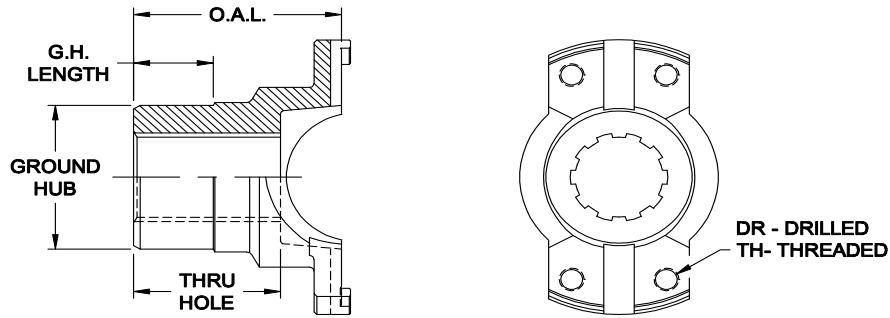
End Yokes



Series	Spline/Bore	G.H. Dia.	G.H. Length	Thru Hole	OAL	Holes	Part #
7C	1.63-10 tooth	2.38	1.13	2.13	3.38	TH	72NYS26-7MS
	1.75-10 tooth	2.38	1.28	2.19	3.44	DR	8401JMS
		2.63	1.25	2.25	4.38	TH	27663J-1MS
		2.50	1.25	2.13	3.38	TH	16699JTH
		3.25	1.56	2.31	3.56	TH	55857JTH
		2.63	1.25	2.25	3.81	TH	72NYS28-60
		*3.25	1.50	2.25	4.00	DR	72NYS28-161
		2.50	1.25	2.25	4.00	TH	72NYS28-170
		2.63	1.25	2.25	3.50	TH	72NYS28-65MS
	1.75-27 tooth inv.	2.65	1.25	2.00	4.13	TH	72NYS28-122
		2.75	0.88	2.47	3.53	TH	7C-80186
	1.88-10 tooth	2.75	1.25	2.38	3.63	TH	72NYS30-2MS
	1.97-10 tooth	2.94	1.50	2.25	3.50	TH	27296JMS
	2.00-10 tooth	3.25	1.75	3.00	4.38	DR	72NYS32-16
		2.75	1.50	2.00	3.25	TH	72NYS32-34MS
		*3.25	1.56	2.00	3.50	TH	7C-82799
		3.25	1.63	3.00	4.25	DR	25308JMS
	2.00-15 tooth inv.	2.56	1.25	2.58	3.63	DR	121-7072
	2.00-39 tooth inv.	3.00	1.22	2.31	4.88	DR	72NYS32-245
2.06-31 tooth inv.	*3.25	1.56	2.00	3.50	TH	251395	
2.14-41 tooth inv.	3.00	1.38	2.50	4.25	TH	72NYS34-42MS	
2.34-36 tooth inv.	*3.25	1.56	2.00	3.50	TH	7C-92084	
8C	2.25-10 tooth	*3.38	1.81	2.75	4.00	TH	26095JMS
		3.37	2.00	3.00	4.25	DR	12754JMS
	2.34-36 tooth inv.	*3.50	1.38	2.00	4.13	TH	8C-92140
		*3.50	2.00	3.25	4.75	TH	28521JMS
	2.50-10 tooth	2.94	0.88	3.00	4.25	TH	22605JMS
		*3.63	1.63	3.00	4.00	TH	82NYS40-17
		3.76	2.25	3.00	4.25	DR	20440JMS

* Hub diameter not ground.

End Yokes



Series	Spline/Bore	G.H. Dia.	G.H. Length	Thru Hole	OAL	Holes	Part #
8.5C	2.16-16 tooth	2.94	1.66	3.00	4.19	TH	29874JMS
		2.94	1.66	3.00	4.19	DR	26711JMS
	2.16-16 tooth inv.	2.63	1.19	1.72	3.10	TH	2-25380
	2.50-10 tooth	3.25	1.25	2.69	3.94	TH	2-77341
	2.34-36 tooth inv.	3.31	2.38	3.25	4.75	TH	29786JMS
9C	2.36-18 tooth inv.	3.00	2.31	3.19	4.75	DR	25680JMS
	2.25-10 tooth	4.00	2.00	3.00	4.13	TH	28823JMS
	2.50-10 tooth	3.50	2.00	3.31	5.00	DR	92NYS40-16MS
	2.63-40 tooth inv.	3.88	1.88	3.44	4.63	TH	2-75908
	2.75-10 tooth	3.50	1.81	3.00	5.38	TH	9C-98457
	2.94-46 tooth inv.	4.00	2.00	3.38	5.16	TH	2-77821

* Hub diameter not ground.

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