

DRIVESHAFT B6 CATALOGUE 2026

European & Industrial
Driveshafts & Components



WHO WE ARE.

Motion delivers a world-class customer-first approach to everything we do. This has firmly established our business as the leader in the market, providing excellence and expertise in industrial products, solutions, and services.

For more than 100 years we have been a feature in the Australian industrial landscape giving customers unmatched products and service through an integrated network of branches, workshops, and service centres.

We have an ongoing commitment to invest in our people, facilities, IT, and systems to ensure we can continue to offer a broad ranging and premium level of engineering design, servicing, and turnkey projects to our customers across Australia.

We are committed and proud to keep our customers in motion, every day of the year.

“**WE KEEP
THE WORLD
MOVING**”

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Note: All dimensions are nominal for identification purposes only.

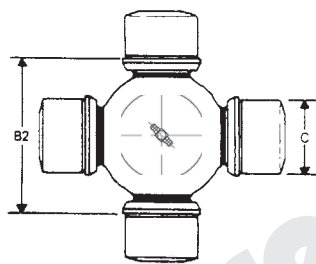
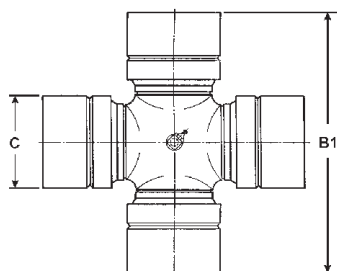
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Document No:	HSDSCAT
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For more 390, 392, 492 & 498 series refer to the GWB "Cardan Shafts For Industrial Applications" catalogue

GWB SERIES



TORQUE RATINGS

SERIES	C	B1	B2	FUNCTIONAL LIMIT TORQUE	FATIGUE TORQUE
473.10	15.00	40.20		250 Nm	
473.20	19.00	49.20		416 Nm	
473.30	22.00	59.00		666 Nm	
287.00	26.00	69.80		1250 Nm	
287.10	30.00	81.80		2,400 Nm	
287.20	35.00	96.80		3,390 Nm	
587.10	35.00	96.80		4,000 Nm	1,100 Nm
587.15	42.00	104.50		6,500 Nm	1,800 Nm
587.20	48.00	116.50		9,750 Nm	2,700 Nm
587.30	52.00	133.00		13,000 Nm	4,000 Nm
587.35	57.00	144.00		15,600 Nm	4,500 Nm
587.36	57.00	144.00		18,850 Nm	
587.42	57.00	152.06		23,000 Nm	6,500 Nm
587.48	65.00	172.00		27,000 Nm	7,700 Nm
587.50	72.00	185.00		43,000 Nm	13,000 Nm
587.55	74.00	217.00		52,000 Nm	23,000 Nm
687.15	27.00	74.50		2,400 Nm	700 Nm
687.20	30.20	81.80		3,500 Nm	1,000 Nm
687.25	34.90	92.00		5,000 Nm	1,600 Nm
687.30	34.90	106.40		6,500 Nm	1,900 Nm
687.35	42.00	119.40		10,000 Nm	2,900 Nm
687.40	47.60	135.17		14,000 Nm	4,400 Nm
687.45	52.00	147.20		17,000 Nm	5,100 Nm
687.50	49.20	154.70		21,000 Nm	6,300 Nm
687.55	57.00	152.00		25,000 Nm	7,300 Nm
687.60	59.00	167.69		30,000 Nm	9,000 Nm
687.65	65.00	172.00		35,000 Nm	11,000 Nm
390.60	83.00	(235.80)	129.00	60,000 Nm	23,000 Nm
390.65	95.00	(258.80)	139.00	90,000 Nm	36,000 Nm
390.70	110.00	(293.40)	160.00	130,000 Nm	53,000 Nm
390.75	120.00	(325.20)	176.00	190,000 Nm	75,000 Nm
390.80	130.00	(363.20)	196.00	255,000 Nm	102,000 Nm
392.50	74.00	(222.00)	129.00	70,000 Nm	23,000 Nm
392.55	83.00	(246.00)	139.00	105,000 Nm	36,000 Nm
392.60	95.00	(279.60)	160.00	150,000 Nm	53,000 Nm
392.65	110.00	(309.60)	176.00	215,000 Nm	75,000 Nm
392.70	120.00	(343.40)	196.00	295,000 Nm	102,000 Nm
393.75	130.00	(383.40)	216.00	390,000 Nm	140,000 Nm
393.80	154.00	(430.00)	250.00	580,000 Nm	220,000 Nm
393.85	170.00	(464.00)	276.00	750,000 Nm	285,000 Nm
393.90	195.00	(530.00)	315.00	1,150,000 Nm	435,000 Nm

Note: All dimensions are nominal for identification purposes only.

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This is a comparison guide only, the figures should **NOT** be used for selecting driveshaft series.
A full selection should be done by Hardy Spicer to take into account all contributing factors.
Dimensions in B1 column shown in brackets are a nominal dimension for reference only.

GWB SERIES

GWB BEARING CAP BOLTS

Series	Size	Grade	Bolt Type	Part No.	Tightening Torque (Nm)	
					New Bolts Blue Locking Compound	New Bolts Turquoise Locking Compound
190.50	M14 x 1.5 x 45	12.9	Star Socket	1-190-508200000	205	215
190.55	M16 x 1.5 x 45	10.9	Reduced Hex	1-190-558200010*	200	190
190.60	M18 x 1.5 x 55	10.9	Reduced Hex	1-190-608200010*	280	260
190.65	M20 x 1.5 x 70	10.9	Reduced Hex	1-190-658200010*	400	370
190.70	M22 x 2.0 x 65	10.9	Reduced Hex	1-190-708200010*	510	470
190.75	M24 x 2.0 x 70	10.9	Reduced Hex	1-190-758200010*	670	655
190.80	M27 x 2.0 x 80	10.9	Reduced Hex	1-190-808200010*	960	960
292.50 / 292.55	M12 x 1.5 x 60	12.9	Reduced Hex	1-292-508200020	150	175
292.60	M14 x 1.5 x 75	12.9	Allen Head	1-000-008003221	250	290
292.65 / 292.70	M16 x 1.5 x 90	12.9	Allen Head	1-000-008003222	380	445
292.75	M18 x 2.0 x 110	12.9	Allen Head	1-000-008003223	525	600
292.80	M22 x 2.0 x 120	12.9	Allen Head	1-000-008003224	980	1100
292.85	M24 x 2.0 x 150	12.9	Allen Head	1-000-008003225	1300	1470
390.60 / 392.50	M14 x 1.5 x 70	12.9	Allen Head	1-000-008003353	225	210
390.65 / 392.55	M16 x 1.5 x 75	12.9	Allen Head	1-000-008003352	340	320
390.70 / 392.60	M18 x 1.5 x 90	12.9	Allen Head	1-000-008003350	500	465
390.75 / 392.65	M20 x 1.5 x 100	12.9	Allen Head	1-000-008003358	700	650
390.80 / 392.70	M22 x 1.5 x 110	12.9	Allen Head	1-000-008003361	940	875
392.75 / 393.75	M18 x 2.0 x 110	12.9	Reduced Hex	1-292-758200020	455	445
392.80 / 393.80	M22 x 2.0 x 120	12.9	12 Point Head	1-000-008003520	860	850
392.85 / 393.85	M24 x 2.0 x 150	12.9	12 Point Head	1-000-008003574	1140	1120
392.90 / 393.90	M27 x 2.0 x 160	12.9	12 Point Head	1-000-008003567	1660	1635

Note: After the first use, these bolts should be tightened only twice more.

* These bolts are not coated with a locking agent and should be lightly oiled.
Do not use any molycote or similar paste.

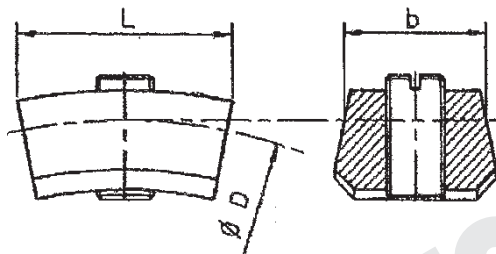
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GWB SERIES



GWB BALANCE WEIGHTS

Series	Weight	Part No.	Dimensions			Set Screw
			Length L	Swing Dia. D	Width b	
190.50 587.50	31g	1-190-503500000	30	130	15.0	M8 x 12
190.55 390.60 292.50 392.60 587.55 587.60	42g	1-190-553500000	25	155	19.6	M10 x 16
190.60 390.65 292.55 392.55	148g	1-190-603500000	60	185	24.6	M12 x 20
190.65 390.70 390.75 390.80 292.60 392.60 392.65 392.70 392.75 392.80	160g	1-190-653500000	45	215	29.6	M12 x 20
190.70	245g	1-190-703500000*	70	250	29.6	M12 x 20
190.75 292.70	510g	1-190-753500000	70	280	30.0	M12 x 20

* Available while stocks last

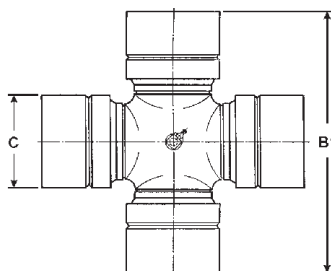
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GWB 473.10

C = 15.00
0.591
B1 = 40.20
1.583



473.10 UNIVERSAL JOINT KIT

PART No.	LUBE	DESCRIPTION
K5-A706	CENTRE	STANDARD

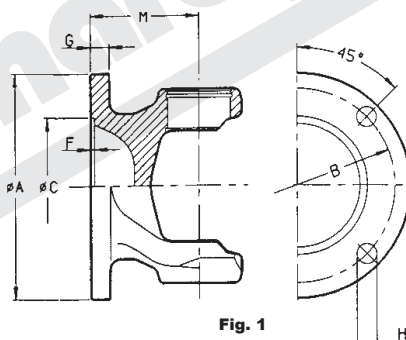
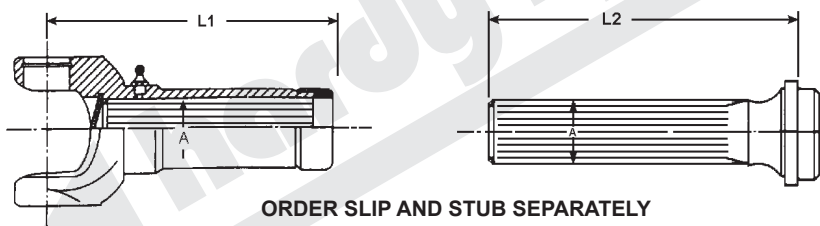


Fig. 1

473.10 FLANGE YOKE

FLANGE YOKE PART No.	FIG	FLANGE DIA. A	C/L OF U.J. TO FACE M	SPIGOT DIA. C	P.C.D. B	No. HOLES	HOLE DIA. H	MAX. ANGLE	COMMENTS
2-473-102000000	1	58.00 2.283	29.00 1.142	30.00 1.181	47.00 1.850	4	5.0 0.197	30°	STANDARD
2-473-102300000	1	65.00 2.559	29.00 1.142	35.00 1.378	52.00 2.047	4	6.0 0.236	30°	



ORDER SLIP AND STUB SEPARATELY

473.10 SLIP / STUB

SLIP YOKE PART No.	INVOLUTE SPLINE O.D. & No. A	LENGTH C-END L1	TOTAL SLIP	MAX ANGLE	STUB SHAFT PART No.	TUBE SIZE & PART No.	LENGTH END TO POINT OF WELD L2
6-473-100300000	22.00 x 13SPL 0.866	96.00 3.780	35.00 1.378	30°	2-473-101000000	28X1-1/2MM 1.102 x 0.059	114.00 4.488

REPLACEMENT DUST CAP KIT - 1-473-101217270

INDENT ONLY

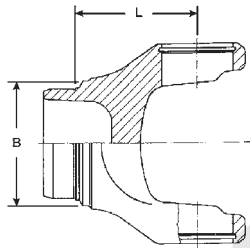
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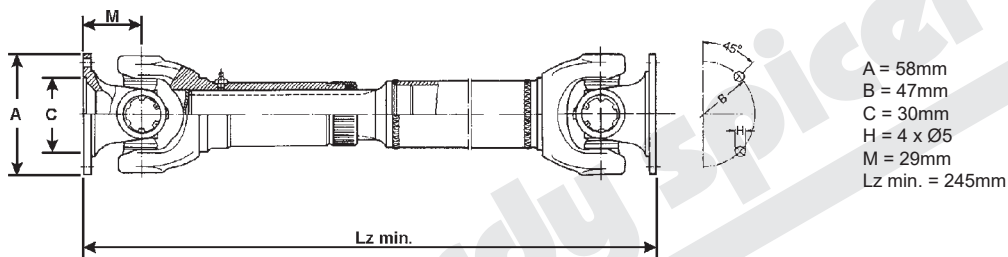
GWB 473.10



473.10

WELD YOKE

WELD YOKE PART No.	C/LINE TO POINT OF WELD L	MAX. ANGLE	TUBE SIZE & PART No. B	COMMENTS
2-473-104000000	32.00 1.260	30°	28X1-1/2MM 1.102 x 0.059	



473.10

TUBULAR TYPE ASSEMBLY

FLANGE YOKE PART No.	U/JOINT PART No.	SLIP YOKE PART No.	STUB SHAFT PART No.	FLANGE TO FLANGE CLOSED LZ min.	TOTAL SLIP	TUBE SIZE & PART No. La	WELD YOKE PART No.	MAX ANGLE
2-473-102000000	K5-A706	6-473-100300000	2-473-101000000	245.00 9.646	35.00 1.378	28X1-1/2MM 1.102 x 0.059	2-473-104000000	30°

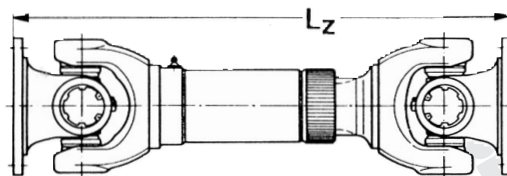
Replacement dust cap to suit - 1-473-101217270

Note: All dimensions are nominal for identification purposes only.

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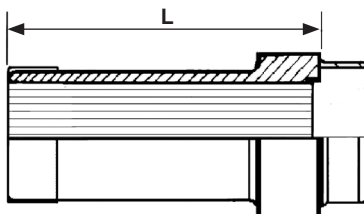
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GWB 473.10



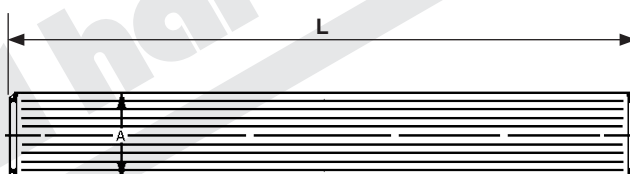
473.10 SHORT COUPLED ASSY INCL FLANGES

U.J. PART No.	SHAFT ASSEMBLY PART No.	FLANGE TO FLANGE CLOSED Lz	TOTAL SLIP La	SLIP YOKE PART No.	YOKE SHAFT PART No.	FLANGE YOKE PART No. & DIMENSIONS
K5-A706	9-473-109100000	210 8.268	35 1.378	6-473-100300000	2-473-107000000	2-473-102000000 DIN58x4x5



473.10 SPLINE SLEEVE & DUST CAP

PART No.	INVOLUTE SPLINE O.D. & No.	LENGTH WELD TO END L	SPLINE LENGTH L1	TUBE SIZE & PART No.	COMMENTS
2-473-108016911	22.00 x 13SPL 0.866	75.00 21.772		28X1-1/2MM 1.102x0.043	INCLUDES DUST CAP



473.10 SPLINE BAR

PART No.	INVOLUTE SPLINE O.D. & No. A	LENGTH WELD TO END L	COMMENTS
2-473-101900203#	22.00 x 13SPL 0.866	553.00 21.772	SUIT BAR YOKE 2-473-103000128

INDENT ONLY

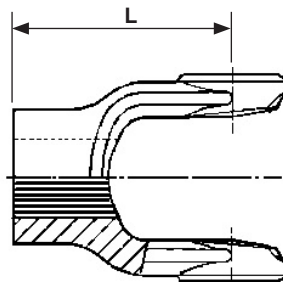
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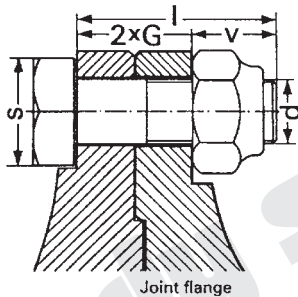
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GWB 473.10



473.10 BAR YOKE

PART No.	INVOLUTE SPLINE O.D. & No. A	LENGTH WELD TO END L	COMMENTS
2-473-103000128#	22.00 x 13SPL 0.866	50.00 1.969	SUIT SPLINE BAR 2-473-101900203



473.10 FLANGE BOLT & NUT SET

PART No	d	G	l	V	S	TIGHTENING TORQUE	No. OF PIECES	SUITS FLANGE
6-173-100200020#	M5	3.5	13	6	8	8.5 Nm 6.628 ft/lbs	8	Ø58
6-173-200200020#	M6	4.5	18	7	10	14.0 Nm 10.325 ft/lbs	8	Ø65

Note: All dimensions are nominal for identification purposes only.

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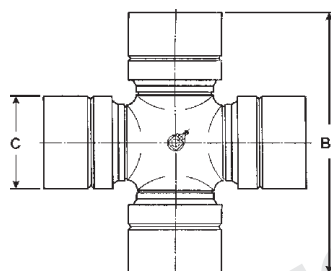
GWB 473.20

C = 19.00

0.748

B1 = 48.00

1.890



473.20

UNIVERSAL JOINT KIT

PART No.	LUBE	DESCRIPTION
K5-A637	CENTRE	STANDARD

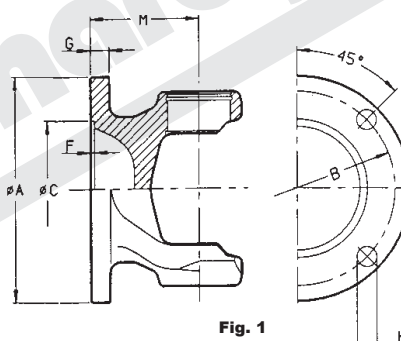
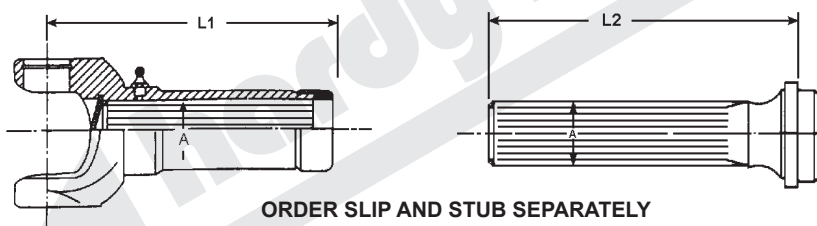


Fig. 1

473.20

FLANGE YOKE

FLANGE YOKE PART No.	FIG	FLANGE DIA. A	C/L OF U.J. TO FACE M	SPIGOT DIA. C	P.C.D. B	No. HOLES	HOLE DIA. H	MAX. ANGLE	COMMENTS
2-473-202000000	1	65.00 2.559	32.00 1.260	35.00 1.378	52.00 2.047	4	6.0 0.236	25°	STANDARD



ORDER SLIP AND STUB SEPARATELY

473.20

SLIP / STUB

SLIP YOKE PART No.	INVOLUTE SPLINE O.D. & No. A	LENGTH C-END L1	TOTAL SLIP	MAX ANGLE	STUB SHAFT PART No.	TUBE SIZE & PART No.	LENGTH END TO POINT OF WELD L2
6-473-200300000	25.00 x 14SPL 0.984	120.00 4.724	40.00 1.574	25°	2-473-201000000	36X1-1/2MM 1.417 x 0.059	110.00 4.331

REPLACEMENT DUST CAP KIT - 1-473-301216175

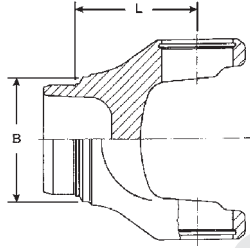
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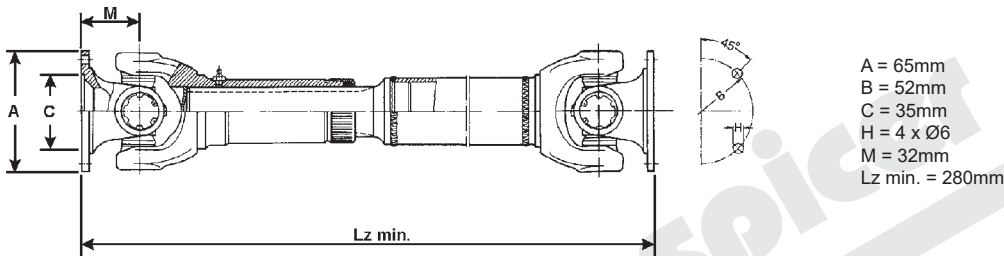
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GWB 473.20



473.20 WELD YOKE

WELD YOKE PART No.	C/LINE TO POINT OF WELD L	MAX. ANGLE	TUBE SIZE & PART No. B	COMMENTS
2-473-204000000	40.00 1.574	25°	36X1-1/2MM 1.417 x 0.059	



473.20 TUBULAR TYPE ASSEMBLY

FLANGE YOKE PART No.	U/JOINT PART No.	SLIP YOKE PART No.	STUB SHAFT PART No.	FLANGE TO FLANGE CLOSED LZ min.	TOTAL SLIP	TUBE SIZE & PART No. La	WELD YOKE PART No.	MAX ANGLE
2-473-202000000	K5-A637	6-473-200300000	2-473-201000000	280.00 11.024	40.00 1.574	36X1-1/2MM 1.417 x 0.059	2-473-204000000	25°

REPLACEMENT DUST CAP KIT - 1-473-301216175

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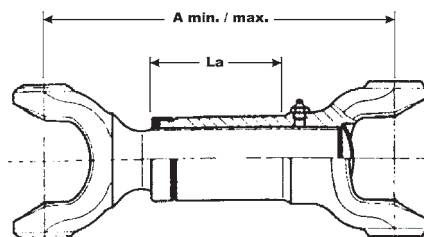
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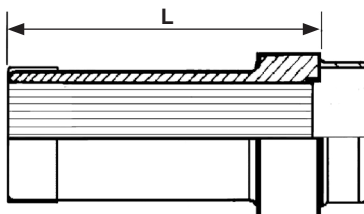
GWB 473.20



473.20 SHORT COUPLED ASSY CHART

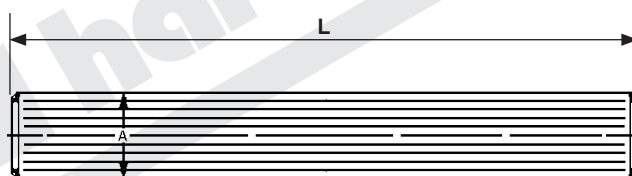
U.J. PART No.	SLIP YOKE PART No.	C/L U.J. TO C/L U.J. CLOSED A	TOTAL SLIP La	YOKE SHAFT PART No.	SHAFT ASSY PART No.
K5-A637	6-473-200300000	191	40.00	2-473-207000000#	9-473-209100000#
		7.520	1.574		
K5-A637	2-473-203300020#	136	10.00	2-473-207100059# *	9-473-209300000#
		5.354	0.394		

* COVER TUBE - 6-473-200900000
OTHER LENGTHS ALSO AVAILABLE ON REQUEST



473.20 SPLINE SLEEVE & DUST CAP

PART No.	INVOLUTE SPLINE O.D. & No.	LENGTH WELD TO END L	SPLINE LENGTH L1	TUBE SIZE & PART No.	COMMENTS
2-473-208000000	25.00 x 14SPL 0.984	88.00 3.465		36X1-1/2MM	INCLUDES DUST CAP



473.20 SPLINE BAR

PART No.	INVOLUTE SPLINE O.D. & No. A	LENGTH WELD TO END L		COMMENTS
2-473-301900398	25.00 x 14SPL 0.984	555.00 21.850		SUIT BAR YOKE 2-473-203000135

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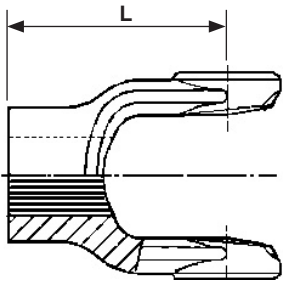
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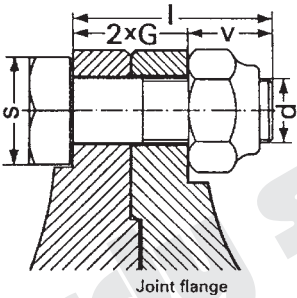
GWB 473.20



473.20

BAR YOKE

PART No.	INVOLUTE SPLINE O.D. & No. A	LENGTH WELD TO END L	MAX STATIC ANGLE	COMMENTS
2-473-203000135#	25.00 x 14SPL 0.984	60.00 2.362	25°	SUIT SPLINE BAR 2-473-301900398



473.20

FLANGE BOLT & NUT SET

PART No	d	G	l	V	S	TIGHTENING TORQUE	No. OF PIECES	SUITS FLANGE
6-173-200200020#	M6	4.5	18	7	10	14.0 Nm 10.325 ft/lbs	8	Ø65

Note: All dimensions are nominal for identification purposes only.

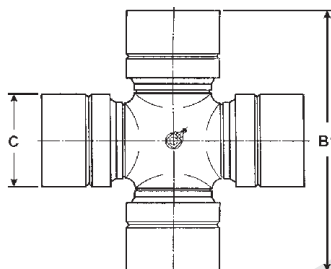
www.hardyspicer.com.au	
Document No:	HSDSCAT
Issue:	10
Issue Date:	01/06/26

INDENT ONLY



GWB 473.30

C = 22.00
0.866
B1 = 59.00
2.323



473.30 UNIVERSAL JOINT KIT

PART No.	LUBE	DESCRIPTION
K5-A621	CENTRE	STANDARD

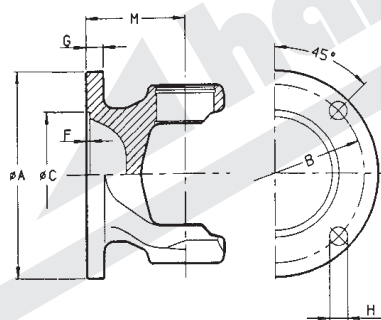


Fig. 1

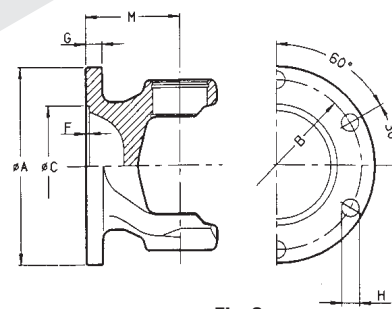
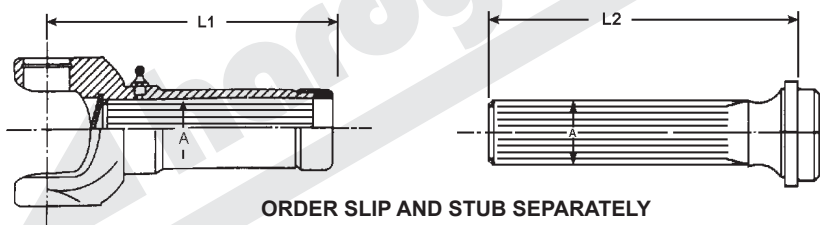


Fig. 2

473.30 FLANGE YOKE

FLANGE YOKE PART No.	FIG	FLANGE DIA. A	C/L OF U.J. TO FACE M	SPIGOT DIA. C	P.C.D. B	No. HOLES	HOLE DIA. H	MAX. ANGLE	COMMENTS
2-473-302003904	1	75.00 2.953	39.00 1.535	42.00 1.654	62.00 2.441	4	8.1 0.319	25°	SPECIAL FOR HYD. PUMP APPLICATIONS
2-473-302000000	2	75.00 2.953	39.00 1.535	42.00 1.654	62.00 2.441	6	6.1 0.240	25°	STANDARD



ORDER SLIP AND STUB SEPARATELY

473.30 SLIP / STUB

SLIP YOKE PART No.	INVOLUTE SPLINE O.D. & No. A	LENGTH C-END L1	TOTAL SLIP	MAX ANGLE	STUB SHAFT PART No.	TUBE SIZE & PART No.	LENGTH END TO POINT OF WELD L2
6-473-300300000	25.00 x 14SPL 0.984	110.00 4.331	40.00 1.574	25°	2-473-301000000	40X2MM 1.575 x 0.079	130.00 5.118

REPLACEMENT DUST CAP KIT - 1-473-301216175

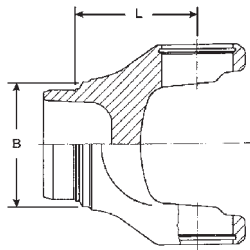
Note: All dimensions are nominal for identification purposes only.

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Document No:	HSDSCAT
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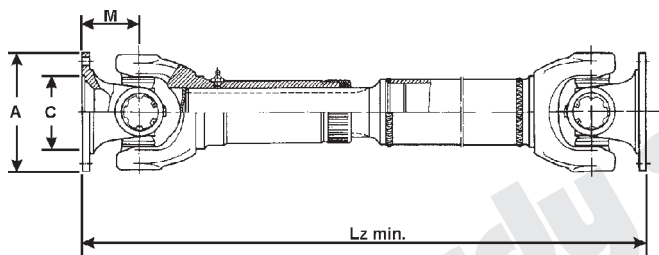
GWB 473.30



473.30

WELD YOKE

WELD YOKE PART No.	C/LINE TO POINT OF WELD L	MAX. ANGLE	TUBE SIZE & PART No. B	COMMENTS
2-473-304000000	40.00 1.574	25°	40X2MM 1.579 x 0.079	



A = 75mm
 B = 62mm
 C = 42mm
 H = 6 x Ø6
 M = 39mm
 Lz min. = 315mm

473.30

TUBULAR TYPE ASSEMBLY

FLANGE YOKE PART No.	U/JOINT PART No.	SLIP YOKE PART No.	STUB SHAFT PART No.	FLANGE TO FLANGE CLOSED LZ min.	TOTAL SLIP	TUBE SIZE & PART No. La	WELD YOKE PART No.	MAX ANGLE
2-473-302000000	K5-A621	6-473-300300000	2-473-301000000	315.00 12.402	40.00 1.575	40X2MM 1.575 x 0.079	2-473-304000000	25°

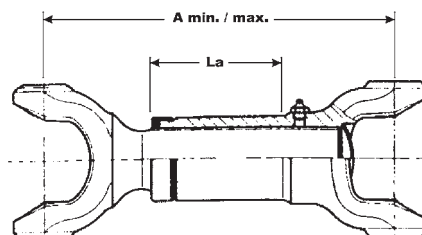
REPLACEMENT DUST CAP KIT - 1-473-301216175

Note: All dimensions are nominal for identification purposes only.

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GWB 473.30

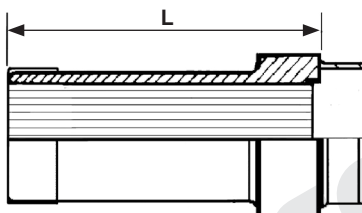


473.30

SHORT COUPLED ASSY

U.J. PART No.	SLIP YOKE PART No.	C/L U.J. TO C/L U.J. CLOSED max/min A	TOTAL SLIP La	YOKE SHAFT PART No.	SHAFT ASSEMBLY COMPLETE WITH STANDARD FLANGES PART No.
K5-A621	6-473-300300000	192 / 177 7.56 / 6.97	40 / 25 1.575 / 0.984	2-473-307300000#	9-473-309200000#
K5-A621	6-473-300300000*	172 / 122 6.77 / 4.80	45 / 20 1.772 / 0.787	2-473-307000000#	9-473-309300000#

* SHORTEN SLIP YOKE AND USE COVER TUBE - 6-473-300900000
OTHER LENGTHS ALSO AVAILABLE ON REQUEST



473.30

SPLINE SLEEVE & DUST CAP

PART No.	INVOLUTE SPLINE O.D. & No.	LENGTH WELD TO END L	SPLINE LENGTH L1	TUBE SIZE & PART No.	COMMENTS
2-473-308000000	25.00 x 14SPL 0.984	88.00 3.465		40X2MM# 1.575x0.788	INCLUDES DUST CAP

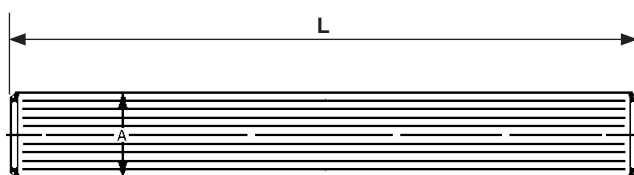
Note: All dimensions are nominal for identification purposes only.

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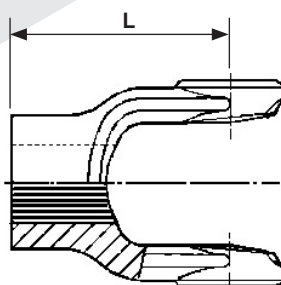
GWB 473.30



473.30

SPLINE BAR

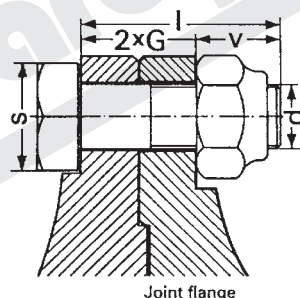
PART No.	INVOLUTE SPLINE O.D. & No. A	LENGTH WELD TO END L	COMMENTS
2-473-301900398#	25.00 x 14SPL 0.984	555.00 21.850	SUIT BAR YOKE 2-473-303300225



473.30

BAR YOKE

PART No.	INVOLUTE SPLINE O.D. & No. A	LENGTH WELD TO END L	MAX STATIC ANGLE	COMMENTS
2-473-303300225#	25.00 x 14SPL 0.984	60.00 2.362	30°	SUIT SPLINE BAR 2-473-301900550



473.30

FLANGE BOLT & NUT SET

PART No	d	G	I	V	S	TIGHTENING TORQUE	No. OF PIECES	SUITS FLANGE
6-287-300200020#	M6	5.5	18	7	10	14.0 Nm 10.325 ft/lbs	12	Ø75

INDENT ONLY

B:6-14

Hardy Spicer Driveshaft Components Catalogue

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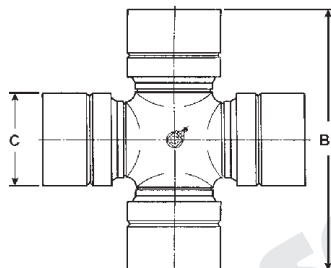
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GWB 287.00

C = 26.00
1.024
B1 = 69.80
2.748



287.00 UNIVERSAL JOINT KIT

PART No.	LUBE	DESCRIPTION
K5-A610	SIDE	STANDARD
K5-A740	CAP	4 x LUBE IN CAP

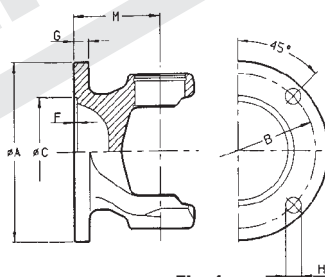
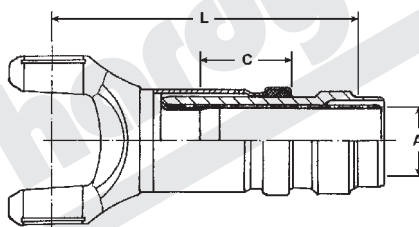


Fig. 1

287.00 FLANGE YOKE

FLANGE YOKE PART No.	FIG	FLANGE DIA. A	C/L OF U.J. TO FACE M	SPIGOT DIA. C	P.C.D. B	No. HOLES	HOLE DIA. H	MAX. ANGLE	COMMENTS
2-287-002700010	1	90.00 3.543	52.00 2.047	47.00 1.850	74.50 2.933	4	8.1 0.319	35°	
2-287-002000000	1	90.00 3.543	40.00 1.575	47.00 1.850	74.50 2.933	4	8.1 0.319	20°	



287.00 SLIP ASSEMBLY

SLIP ASSEMBLY PART No.	INVOLUTE SPLINE O.D. & No. A	C/L OF UJ TO WELD POINT L	TOTAL SLIP C	TUBE SIZE & PART No.	COMMENTS
6-287-007780160	35.00-16 1.378	181.00 7.126	60.00 2.362	50X2MM 1.967 x 0.079	35°
6-287-007780100#	35.00-16 1.378	181.00 7.126	80.00 3.150	50X2MM 1.967 x 0.079	35°

INDENT ONLY

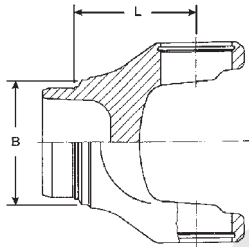
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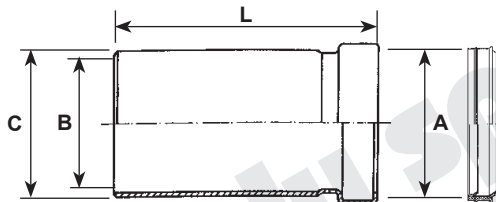
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GWB 287.00



287.00 WELD YOKE

WELD YOKE PART No.	C/LINE TO POINT OF WELD L	MAX. ANGLE	TUBE SIZE & PART No. B	COMMENTS
2-287-004000000	50.0 1.969	35°	50X2MM 1.969 x 0.079	



287.00 SPLINE COVER TUBE

PART No.	LENGTH L	SEAL DIA. A	TUBE OD C	TUBE ID B	COMMENTS
6-287-000900060	105.00 4.134	40.00 1.575		42.00 1.654	

Note: All dimensions are nominal for identification purposes only.

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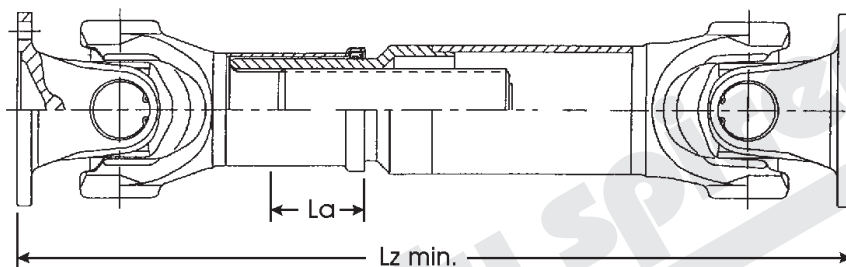
INDENT ONLY

B:6-16

Hardy Spicer Driveshaft Components Catalogue

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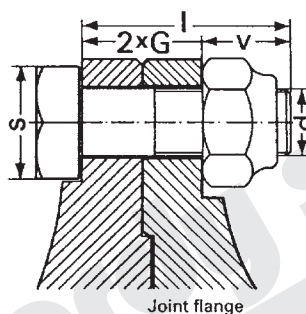
GWB 287.00



287.00

TUBULAR TYPE ASSEMBLY CHART

FLANGE YOKE PART No.	U.J. PART No.	SLIP STUB ASSEMBLY PART No.	FLANGE TO FLANGE CLOSED Lz min.	TOTAL SLIP La	TUBE SIZE & PART No.	WELD YOKE PART No.	MAX. STATIC ANGLE
2-287-002000000	K5-A610	6-287-007080200	378.00 14.882	60.00 2.362	50X2MM 1.969 x 0.079	2-287-004000000	20°



287.00

FLANGE BOLT & NUT SET

PART No	d	G	I	V	S	TIGHTENING TORQUE	No. OF PIECES	SUITS FLANGE
6-187-000200020	M8	7	23	11	13	35 Nm 25.811 ft/lbs	8	Ø90

Note: All dimensions are nominal for identification purposes only.

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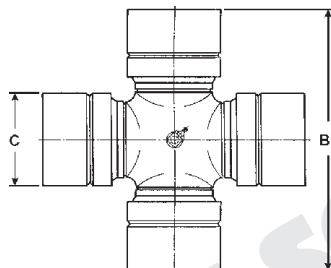
NOTE: For new applications use 687.15 Series.

C = 30.00

1.181

B1 = 81.80

3.220



287.10

UNIVERSAL JOINT KIT

PART No.	LUBE	DESCRIPTION
K5-A611	CENTRE	STANDARD
K5-A611-1X	CAP	1 x LUBE IN CAP

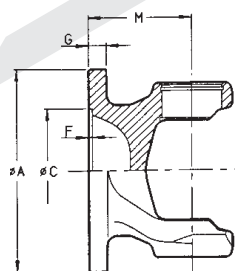


Fig. 1

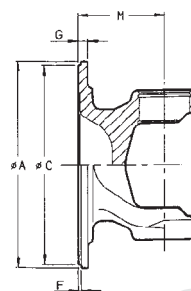
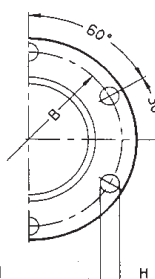
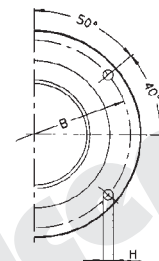


Fig. 2



287.10

FLANGE YOKE

FLANGE YOKE PART No.	FIG	FLANGE DIA. A	C/L OF U.J. TO FACE M	SPIGOT DIA. C	P.C.D. B	No. HOLES	HOLE DIA. H	MAX. ANGLE	COMMENTS
2-287-102000000	1	100.00 3.937	48.00 1.890	57.00 2.244	84.00 3.307	6	8.1 0.319	18°	100mm 18°
2-287-102700050	1	100.00 3.937	58.00 2.283	57.00 2.244	84.00 3.307	6	8.1 0.319	35°	100mm 35°
MB-2-611	2	120.00 4.724	48.00 1.890	57.00 2.244	101.40 3.992	4	10.1 0.472	25°	MERCEDES SPRINTER
2-287-102300100#	1	120.00 4.724	46.00 1.811	75.00 2.953	101.40 3.992	8	8.1 0.319	18°	

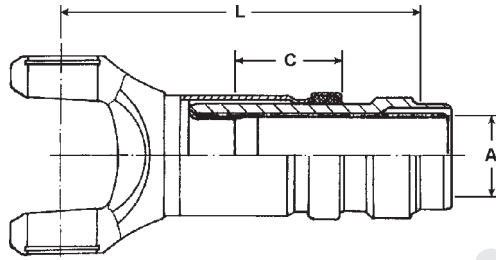
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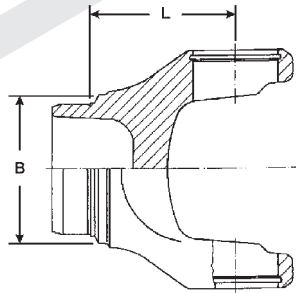
GWB 287.10



287.10

SLIP ASSEMBLY

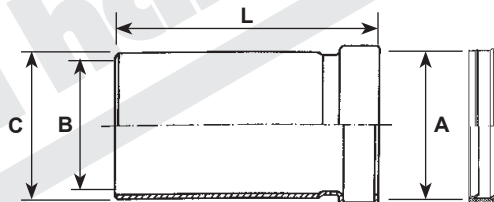
SLIP ASSEMBLY PART No.	INVOLUTE SPLINE O.D. & No. A	C/L OF UJ TO WELD POINT L	TOTAL SLIP C	TUBE SIZE & PART No.	COMMENTS
6-287-107180200	35.00-16 1.378	205.00 8.071	60.00 2.362	50X3MM 1.967 x 0.118	35°
6-287-107180240	35.00-16 1.378	243.00 9.567	110.00 4.331	50X3MM 1.967 x 0.118	35°



287.10

WELD YOKE

WELD YOKE PART No.	C/LINE TO POINT OF WELD L	MAX. ANGLE	TUBE SIZE & PART No. B	COMMENTS
2-287-104000000	55.0 2.165	35°	50X3MM 1.969 x 0.118	
MB-26-611	53.00 2.087	30°	70X2MM 2.756 x 0.079	MERCEDES SPRINTER



287.10

SPLINE COVER TUBE

PART No.	LENGTH L	SEAL DIA. A	TUBE OD C	TUBE ID B	COMMENTS
6-287-100900060	120.00 4.724	43.00 1.693		47.00 1.850	

Note: All dimensions are nominal for identification purposes only.

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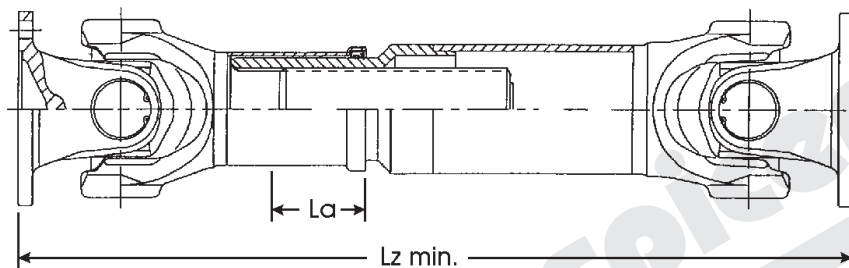
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B:6-20

Hardy Spicer Driveshaft Components Catalogue

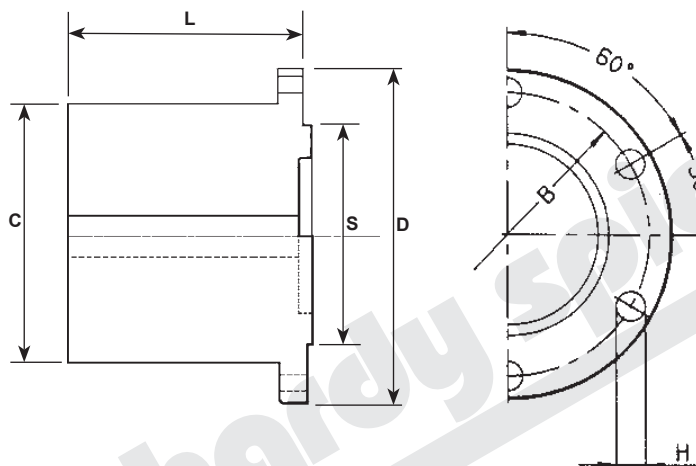
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GWB 287.10



287.10 TUBULAR TYPE ASSEMBLY CHART

FLANGE YOE PART No.	U.J. PART No.	SLIP STUB ASSEMBLY PART No.	FLANGE TO FLANGE CLOSED Lz min.	TOTAL SLIP La	TUBE SIZE & PART No.	WELD YOE PART No.	MAX. STATIC ANGLE
2-287-102000000	K5-A611	6-287-107180200	390.00 15.354	60.00 2.362	50X3MM 1.969 x 0.118	2-287-104000000	18°



287.10 COMPANION FLANGE

CIRCULAR TYPE - ROUND HOLE

PART No.	BORE DIA.	HUB O.D.	FLANGE FACE TO END OF HUB L	MAX BORE WITH STD KEY	BOLT HOLE DIA. & No. H	P.C.D. B	SPIGOT DIA. S	FLANGE O.D. D	COMMENTS
DIN-1-10068	10.00 0.394	69.50 2.736	110.00 4.331	45.00 1.771	8.1 x 6 0.315	84.00 3.307	M-57.00 M-2.244	100.00 3.937	

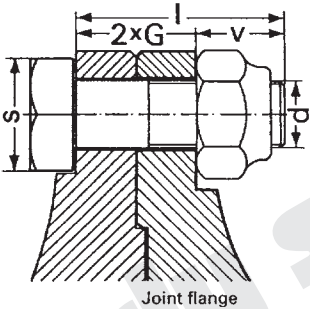
Note: All dimensions are nominal for identification purposes only.

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GWB 287.10



287.10 FLANGE BOLT & NUT SET

PART No	d	G	I	V	S	TIGHTENING TORQUE	No. OF PIECES	SUITS FLANGE
6-287-100200020	M8	7	23	9	13	35 Nm 25.811 ft/lbs	12	Ø100

Note: All dimensions are nominal for identification purposes only.

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GWB 287.20/587.10

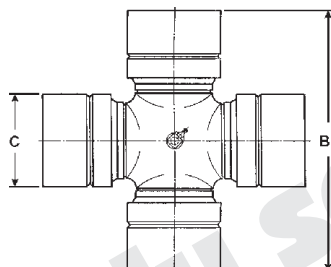
NOTE: For new applications use 687.25 Series.

C = 35.00

1.378

B1 = 96.80

3.811



287.20/587.10

UNIVERSAL JOINT KIT

PART No.	LUBE	DESCRIPTION
K5-A612	CENTRE	STANDARD
K5-A612SF#	NIL	SERVICE FREE
K5-A612-4X	CAP	4 x LUBE IN CAP

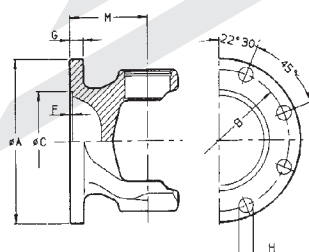


Fig. 1

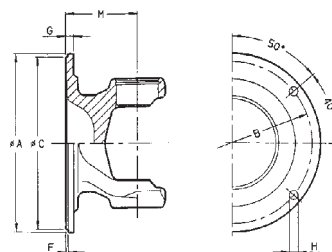


Fig. 2

287.20/587.10

FLANGE YOKE

FLANGE YOKE PART No.	FIG	FLANGE DIA. A	C/L OF U.J. TO FACE M	SPIGOT DIA. C	P.C.D. B	No. HOLES	HOLE DIA. H	MAX. ANGLE	COMMENTS
2-287-202000100#	1	100.00 3.937	65.00 2.559	57.00 2.244	84.00 3.307	6	8.1 0.319	25°	100mm
2-287-202000180#	1	100.00 3.937	65.00 2.559	57.00 2.244	84.00 3.307	8	8.1 0.319	25°	Mercedes
2-287-202000070	1	120.00 4.724	64.00 2.520	75.00 2.952	101.50 3.996	8	10.1 0.398	25°	120mm
2-287-202700010	1	120.00 4.724	70.00 2.756	75.00 2.952	101.50 3.996	8	10.1 0.398	35°	120mm
2-287-202000010	1	120.00 4.724	56.00 2.205	75.00 2.952	101.50 3.996	8	10.1 0.398	20°	120mm
2-287-202300100#	1	150.00 5.906	56.00 2.205	90.00 3.543	124.00 4.882	4	12.2 0.480	18°	
2-287-202300010	1	150.00 5.906	56.00 2.205	90.00 3.543	130.00 5.118	8	12.1 0.476	18°	150mm NLA
2-287-202300260	1	150.00 5.906	60.00 2.362	90.00 3.543	130.00 5.118	8	12.1 0.476	18°	150mm
2-287-202400200	2	115.90 4.563	70.00 2.205	69.80 2.748	95.30 3.752	4	11.1 0.437	35°	1410 SPICER
2-287-202400070	2	150.00 5.906	56.00 2.205	95.25 3.750	120.65 4.750	4	12.7 0.500	18°	1510 SPICER

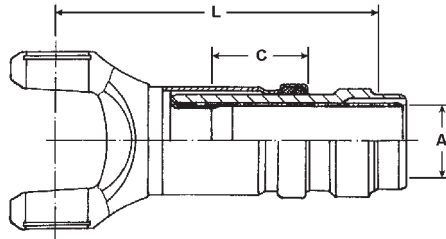
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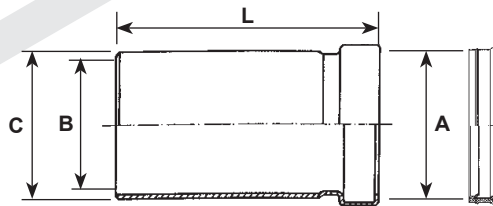
GWB 287.20/587.10



287.20/587.10

SLIP ASSEMBLY

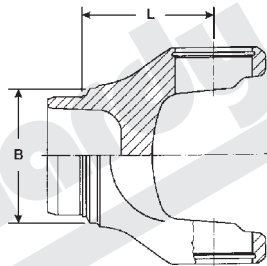
SLIP ASSEMBLY PART No.	INVOLUTE SPLINE O.D. & No. A	C/L OF UJ TO WELD POINT L	TOTAL SLIP C	TUBE SIZE & PART No.	COMMENTS
6-587-107180801	45.00-16 1.772	251.00 9.882	120.00 4.724	70X3MM 2.756 x 0.118	DISCONTINUED
6-587-107780200	45.00-16 1.772	263.00 10.354	110.00 4.331	70X3MM 2.756 x 0.118	35°
6-587-107780250#	45.00-16 1.772	301.00 11.850	140.00 5.512	80X3MM 3.150 x 0.118	35°
6-287-207780300#	45.00-16 1.772	303.00 11.929	160.00 6.299	70X3MM 2.756 x 0.118	35°
6-587-107782000#	45.00-16 1.772	327.00 12.874	180.00 7.087	90X3MM 3.543 x 0.118	35°



287.20/587.10

SPLINE COVER TUBE

PART No.	LENGTH L	SEAL DIA. A	TUBE OD C	TUBE ID B	COMMENTS
6-187-200900060	148.00 5.827	56.00 2.205	62.00 2.441	57.00 2.244	



287.20/587.10

WELD YOKE

WELD YOKE PART No.	C/LINE TO POINT OF WELD L	MAX. ANGLE	TUBE SIZE & PART No. B	COMMENTS
2-287-204700000	70.0 2.756	35°	70X3MM 2.756 x 0.118	
2-287-204400100#	70.0 2.756	35°	80X3MM 3.150 x 0.118	
2-287-204400000#	65.00 2.559	25°	90X3MM 3.543 x 0.118	

Note: All dimensions are nominal for identification purposes only.

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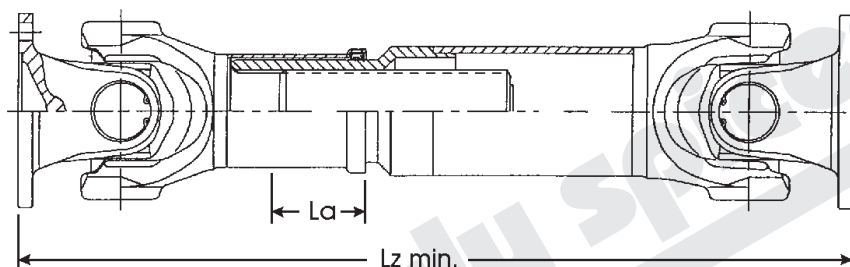
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B:6-24

Hardy Spicer Driveshaft Components Catalogue

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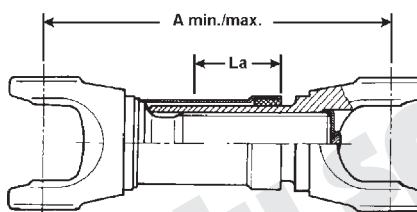
GWB 287.20/587.10



287.20/587.10 TUBULAR TYPE ASSEMBLY CHART

FLANGE YOKE PART No.	U.J. PART No.	SLIP STUB ASSEMBLY PART No.	FLANGE TO FLANGE CLOSED Lz min.	TOTAL SLIP La	TUBE SIZE & PART No.	WELD YOKE PART No.	MAX. STATIC ANGLE
2-287-202000010	K5-A612	6-587-107780200	495.00 19.488	110.00 4.331	70X3MM 2.756 x 0.118	2-287-204700000	35°

MORE FLANGE YOKE COMBINATIONS ARE AVAILABLE,
PLEASE SEE FLANGE YOKE SECTION



287.20/587.10 SHORT COUPLED ASSY CHART

U.J. PART No.	SLIP YOKE & YOKE SHAFT PART No.	C/L U.J. TO C/L U.J. CLOSED max/min A	TOTAL SLIP La	SPLINE COVER PART No.	MAX. STATIC ANGLE
K5-A612	6-587-107030300#	300 / 220 11.81/8.66	80 / 35 3.15/1.38		30°

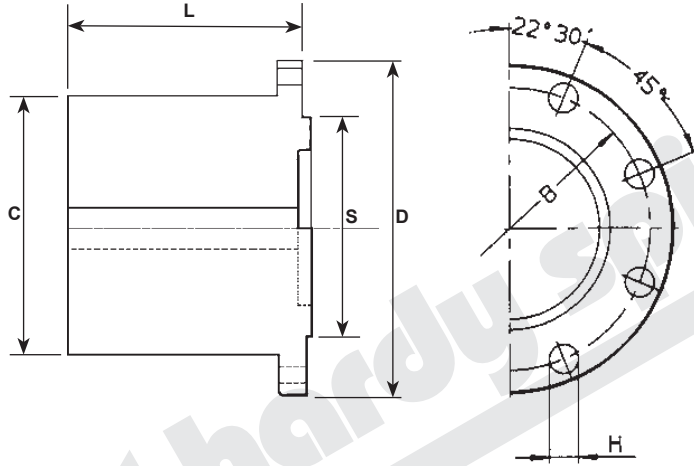
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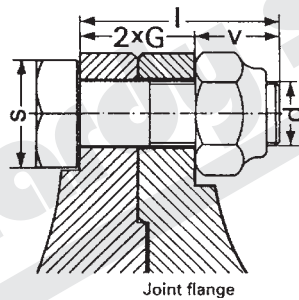


287.20/587.10

COMPANION FLANGE

CIRCULAR TYPE - ROUND HOLE

PART No.	BORE DIA.	HUB O.D.	FLANGE FACE TO END OF HUB	MAX BORE WITH STD KEY	BOLT HOLE DIA. & No.	P.C.D.	SPIGOT DIA.	FLANGE O.D.	COMMENTS
		C	L		H	B	S	D	
DIN-1-120810	12.00 0.472	84.00 3.307	130.00 5.118	55.00 2.165	10.1 x 8 0.397	101.5 3.996	M-75.00 M-2.953	120.00 4.724	
DIN-1-150812	20.00 0.787	110.30 4.343	150.00 5.906	75.00 2.953	12.1 x 8 0.476	130.0 5.118	M-90.00 M-3.543	150.00 5.906	



287.20/587.10

FLANGE BOLT & NUT SET

PART No	d	G	l	V	S	TIGHTENING TORQUE	No. OF PIECES	SUITS FLANGE
6-187-300200020	M10	8	31	15	17	69 Nm 50.885 ft/lbs	16	Ø120
6-187-400200020	M12	9	33	15	19	120 Nm 88.0496 ft/lbs	16	Ø150

Note: All dimensions are nominal for identification purposes only.

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GWB 587.15

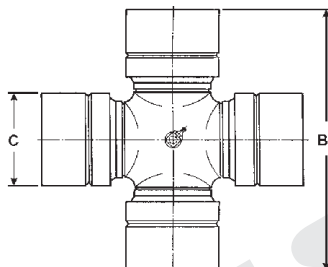
NOTE: For new applications use 687.30 Series.

C = 42.00

1.654

B1 = 104.50

4.114



587.15

UNIVERSAL JOINT KIT

PART No.	LUBE	DESCRIPTION
K5-A622	CENTRE	STANDARD
K5-A622-4X	CAP	4 x LUBE IN CAP

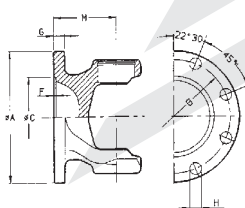


Fig. 1

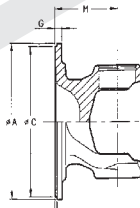


Fig. 2

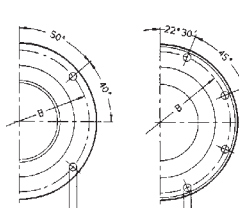


Fig. 3

587.15

FLANGE YOKE

FLANGE YOKE PART No.	FIG	FLANGE DIA. A	C/L OF U.J. TO FACE M	SPIGOT DIA. C	P.C.D. B	No. HOLES	HOLE DIA. H	MAX. ANGLE	COMMENTS
2-587-152700000	1	120.00 4.724	75.00 2.953	75.00-F 2.952	101.50 3.996	8	10.1 0.398	35°	120mm
2-587-152800000	1	150.00 5.906	80.00 3.150	90.00-F 3.543	130.00 5.118	8	12.1 0.476	35°	150mm
2-587-152417100#	2	130.00 5.118	70.00 2.756	82.50-M 3.248	112.00 4.409	8	10.1 0.398	25°	MERCEDES
2-587-152417090#	2	130.00 5.118	80.00 3.150	82.50-M 3.248	112.00 4.409	8	10.1 0.398	35°	MERCEDES
2-587-152400220#	2	149.20 5.875	63.50 2.500	95.25-M 3.750	120.70 4.750	4	12.7 0.500	24°	1510 SPICER
2-587-152400100#	2	149.20 5.875	80.00 3.150	95.25-M 3.750	120.70 4.750	4	12.7 0.500	35°	1510 SPICER
2-587-152700520#	3	120.00 4.724	75.00 2.953	N/A	100.00 3.937	4	11.1 0.437	24°	KV 70°
2-587-152800500#	3	150.00 5.906	80.00 3.150	N/A	130.00 5.118	4	13.3 0.524	24°	KV 70°
2-587-152400150#	2	174.60 6.874	68.20 2.687	168.20-M 6.622	155.50 6.122	8	9.5 0.374	22°	1610 SPICER

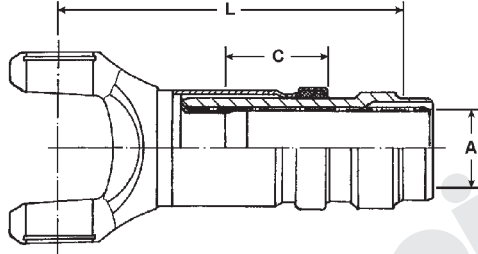
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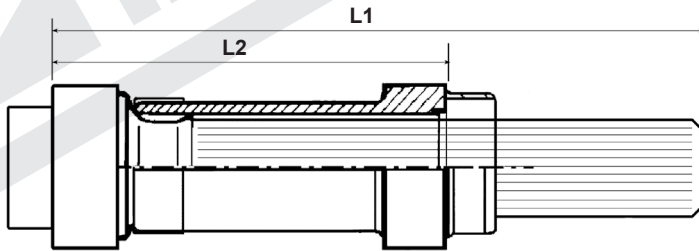
GWB 587.15



587.15

SLIP ASSEMBLY

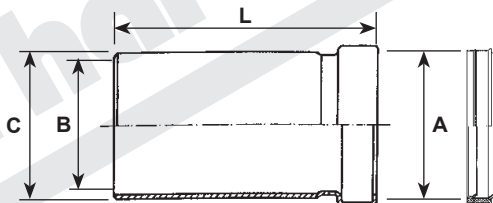
SLIP ASSEMBLY PART No.	INVOLUTE SPLINE O.D. & No. A	C/L OF UJ TO WELD POINT L	TOTAL SLIP C	TUBE SIZE & PART No.	COMMENTS
6-587-157780200	52.00-19 2.047	283.00 11.142	110.00 4.331	80X3-1/2MM 3.150 x 0.138	



587.15

SPLINE BAR & SLEEVE ASSEMBLY

ASSEMBLY PART No.	INVOLUTE SPLINE O.D. & No.	LENGTH WELD TO WELD L2	BAR LENGTH L1	TOTAL SLIP	TUBE SIZE & PART No.	COMMENTS
58715-522519500	52.00-19 2.047		500.00 19.685		80X3-1/2MM 3.150 x 0.138	INCLUDES SEAL
58715-522519850	52.00-19 2.047		850.00 33.465		80X3-1/2MM 3.150 x 0.138	INCLUDES SEAL



587.15

SPLINE COVER TUBE

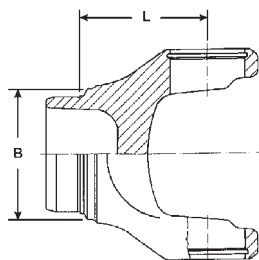
PART No.	LENGTH L	SEAL DIA. A	TUBE OD C	TUBE ID B	COMMENTS
6-587-150900100	148.00 5.827	65.00 2.559	75.00 2.953	70.00 2.756	GWB YOKES - NLA
6-587-150900190#	190.00 7.480	70.00 2.756	78.00 3.071	71.75 2.825	HS YOKES

Note: All dimensions are nominal for identification purposes only.

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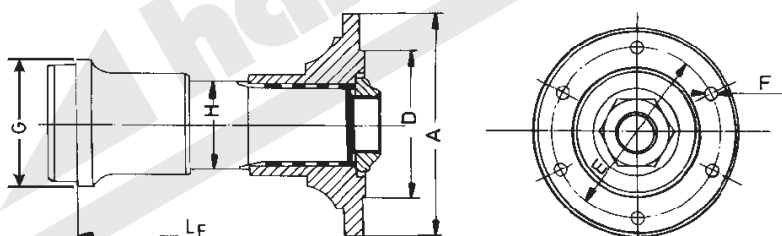
GWB 587.15



587.15

WELD YOKE

WELD YOKE PART No.	C/LINE TO POINT OF WELD L	MAX. ANGLE	TUBE SIZE & PART No. B	COMMENTS
2-587-154700000	84.00 3.307	35°	80X3-1/2MM 3.150 x 0.138	

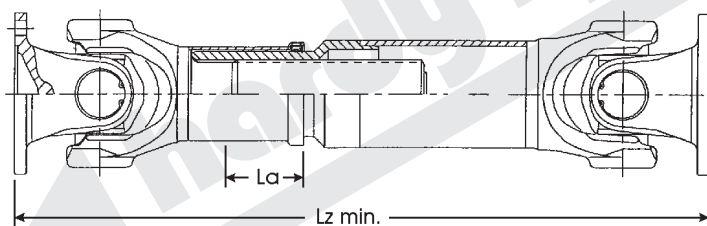


587.15

MIDSHIP STUB & FLANGE

MIDSHIP STUB & FLANGE PART No.	FLANGE DIA. A	POINT OF WELD TO FACE Lf	SPIGOT DIA. D	P.C.D. E	No. HOLES	HOLE DIA. F	BEARING I.D. H	TUBE SIZE & PART No.	COMMENTS
6-687-301652120	120.00 4.724	125.00 4.921	75.00 2.953	101.50 3.996	8	10.1 0.398	45.00 1.772	90X3MM 3.543 x 0.138	
6-587-151652008	150.00 5.906	128.80 5.118	90.00 3.543	130.00 5.118	8	12.2 0.480	45.00 1.772	80X3-1/2MM 3.150 x 0.138	SPIGOT SEMI-FINISHED

ORDER NUT SEPARATELY PART No. 1-000-008102066



587.15

TUBULAR TYPE ASSEMBLY CHART

FLANGE YOKE PART No.	U.J. PART No.	SLIP STUB ASSEMBLY PART No.	FLANGE TO FLANGE CLOSED Lz min.	TOTAL SLIP La	TUBE SIZE & PART No.	WELD YOKE PART No.	MAX. STATIC ANGLE
2-587-152700000	K5-A622	6-587-157780200	580.00 22.835	110.00 4.331	80X3-1/2MM 3.150 x 0.138	2-587-154700000	35°
2-587-152800000	K5-A622	6-587-157780200	590.00 23.228	110.00 4.331	80X3-1/2MM 3.150 x 0.138	2-587-154700000	35°

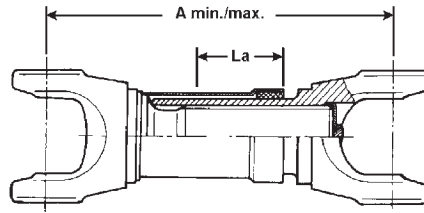
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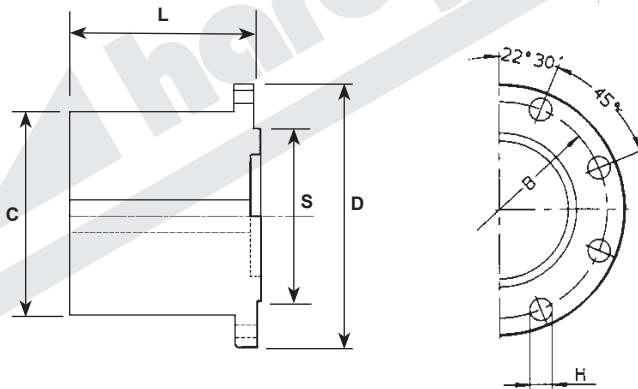
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587.15 SHORT COUPLED ASSY CHART

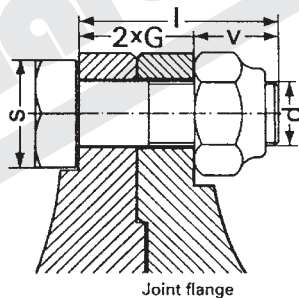
U.J. PART No.	SLIP YOKE & YOKE SHAFT PART No.	C/L U.J. TO C/L U.J. CLOSED max/min A	TOTAL SLIP min/max La	DUST COVER PART No.	MAX STATIC ANGLE	COMMENTS
K5-A622	6-587-157733000	365 / 240 14.37/9.45	110 / 40 4.33/1.58	6-587-150900190	24°	COVER TUBE INCLUDED



587.15 COMPANION FLANGE

CIRCULAR TYPE - ROUND HOLE

PART No.	BORE DIA.	HUB O.D.	FLANGE FACE TO END OF HUB L	MAX BORE WITH STD KEY	BOLT HOLE DIA. & No. H	P.C.D. B	SPIGOT DIA. S	FLANGE O.D. D	COMMENTS
DIN-1-120810	12.00 0.472	84.00 3.307	130.00 5.118	55.00 2.165	10.1 x 8 0.397	101.5 3.996	M-75.00 M-2.953	120.00 4.724	
DIN-1-150812	20.00 0.787	110.30 4.343	150.00 5.906	75.00 2.953	12.1 x 8 0.476	130.0 5.118	M-90.00 M-3.543	150.00 5.906	



Joint flange

587.15 FLANGE BOLT & NUT SET

PART No	d	G	I	V	S	TIGHTENING TORQUE	No. OF PIECES	SUITS FLANGE
6-187-300200020	M10	8	31	15	17	69 Nm 50.885 ft/lbs	16	Ø120
6-187-400200020	M12	9	33	15	19	120 Nm 88.0496 ft/lbs	16	Ø150

Note: All dimensions are nominal for identification purposes only.

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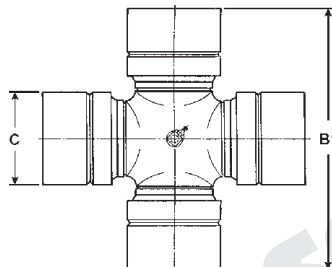
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GWB 587.20

Note: For new applications use 687.35 Series.

C = 48.00
1.890
B1 = 116.50
4.587



587.20 UNIVERSAL JOINT KIT

PART No.	LUBE	DESCRIPTION
K5-A623	CENTRE	STANDARD
K5-A623-4X	CAP	4 x LUBE IN CAP

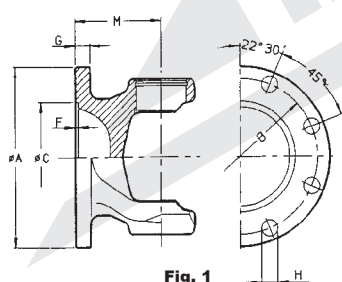


Fig. 1

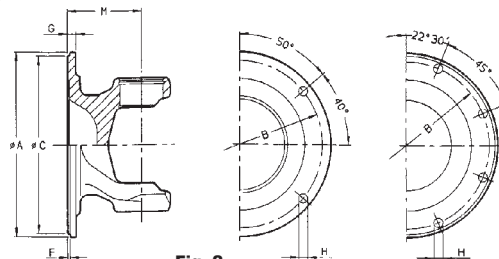


Fig. 2

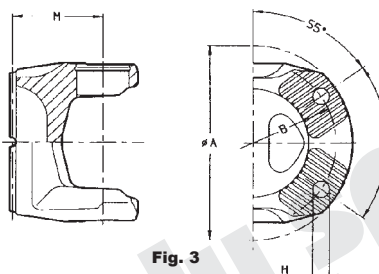


Fig. 3

587.20 FLANGE YOKE

FLANGE YOKE PART No.	FIG	FLANGE DIA. A	C/L OF U.J. TO FACE M	SPIGOT DIA. C	P.C.D. B	No. HOLES	HOLE DIA. H	MAX. ANGLE	COMMENTS
2-587-202800020	1	150.00 5.906	86.00 3.386	90.00 3.543	130.00 5.118	8	12.1 0.476	35°	150mm
2-587-202311070	1	150.00 5.906	75.00 2.953	90.00 3.543	130.00 5.118	8	12.1 0.476	24°	150mm
2-587-202811070	1	165.00 6.496	86.00 3.386	95.00 3.740	140.00 5.512	8	16.1 0.634	35°	165mm
2-587-202800110	1	180.00 7.087	86.00 3.386	110.00 4.331	155.50 6.122	8	14.1 0.555	35°	180mm
2-587-202700500	3	150.00 5.906	87.00 3.425	N/A	130.00 5.118	4	13.3 0.524	35°	KV 70°

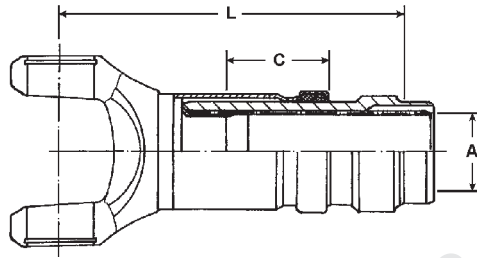
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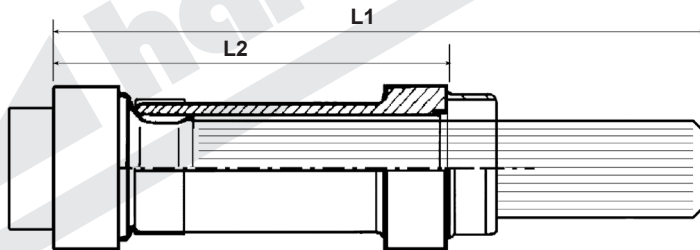
GWB 587.20



587.20

SLIP ASSEMBLY

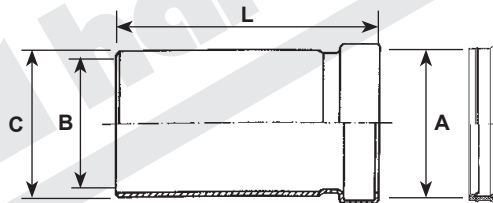
SLIP ASSEMBLY PART No.	INVOLUTE SPLINE O.D. & No. A	C/L OF UJ TO WELD POINT L	TOTAL SLIP C	TUBE SIZE & PART No.	COMMENTS
6-587-207780800	55.00-20 2.165	312.00 12.283	110.00 4.331	85X5MM 3.346 x 0.197	



587.20

SPLINE BAR & SLEEVE ASSEMBLY

ASSEMBLY PART No.	INVOLUTE SPLINE O.D. & No.	LENGTH WELD TO WELD L2	BAR LENGTH L1	TOTAL SLIP	TUBE SIZE & PART No.	COMMENTS
6-587-201180002#	55.00-20 2.165	250.00 9.843		110.00 4.331	85X5MM 3.346 x 0.197	INCLUDES COVER TUBE
58720-552520#	55.00-20 2.165		700.00 27.559	530.00 20.866	85X5MM 3.346 x 0.197	INCLUDES SEAL
58720-552520850#	55.00-20 2.165		850.00 33.465	680.00 26.772	85X5MM 3.346 x 0.197	INCLUDES SEAL
58720-552520280#	55.00-20 2.165		280.00 11.024		85X5MM 3.346 x 0.197	INCLUDES COVER TUBE



587.20

SPLINE COVER TUBE

PART No.	LENGTH L	SEAL DIA. A	TUBE OD C	TUBE ID B	COMMENTS
6-587-200900000	155.00 6.102	70.00 2.756	78.00 3.071	72.00 2.835	
6-587-200900210	210.00 8.268	70.00 2.756	78.00 3.071	72.00 2.835	SUIT DOUBLE CARDAN SHAFTS

Note: All dimensions are nominal for identification purposes only.

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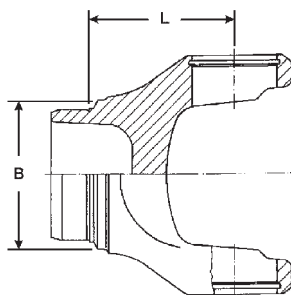
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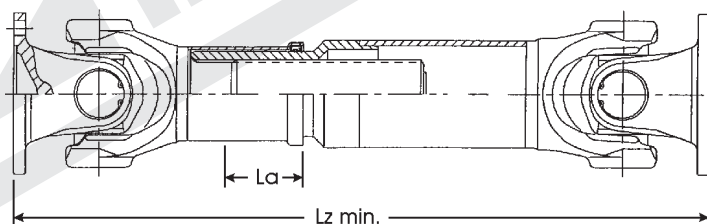
GWB 587.20



587.20

WELD YOKE

WELD YOKE PART No.	C/LINE TO POINT OF WELD L	MAX. ANGLE	TUBE SIZE & PART No. B	COMMENTS
2-587-204700000	85.00 3.346	35°	85X5MM 3.346 x 0.197	

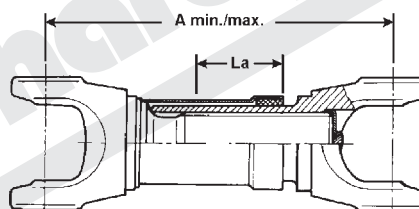


587.20

TUBULAR TYPE ASSEMBLY CHART

FLANGE YOKE PART No.	U.J. PART No.	SLIP STUB ASSEMBLY PART No.	FLANGE TO FLANGE CLOSED Lz min.	TOTAL SLIP La	TUBE SIZE & PART No.	WELD YOKE PART No.	MAX. STATIC ANGLE
2-587-202800020	K5-A623	6-587-207780800	620.00 24.409	110.00 4.331	85X5MM 3.346 x 0.197	2-587-204700000	35°

MORE FLANGE YOKE COMBINATIONS ARE AVAILABLE
PLEASE SEE FLANGE YOKE SECTION



587.20

SHORT COUPLED ASSY CHART

U.J. PART No.	SLIP YOKE & YOKE SHAFT PART No.	C/L U.J. TO C/L U.J. CLOSED max/min A	TOTAL SLIP min/max La	DUST COVER PART No.	MAX STATIC ANGLE	COMMENTS
K5-A623	6-587-207733000	375 / 240 14.76/9.45	105 / 35 4.13/1.38	6-587-200900000	25°	COVER TUBE INCLUDED

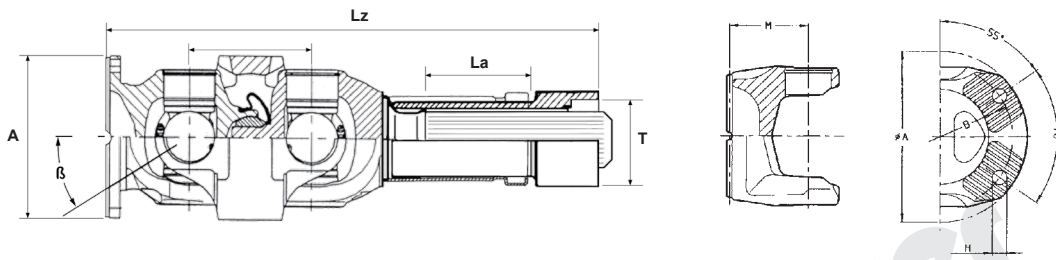
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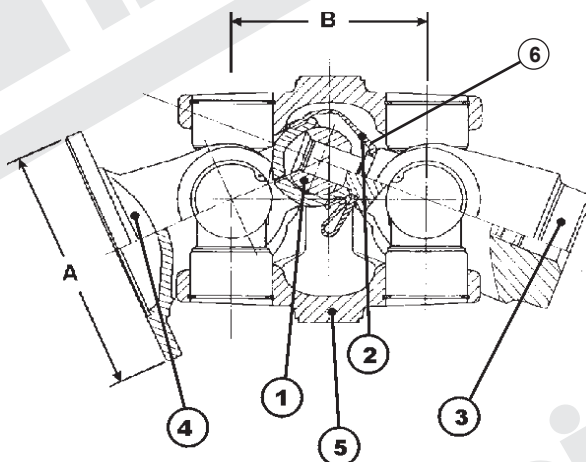
GWB 587.20



587.20 SLIDING DOUBLE CARDAN ASSEMBLY

ASSEMBLY PART No.	LENGTH FL-WELD CLOSED Lz	SPLINE TRAVEL La	FLANGE O.D. A	FLANGE PCD B	BOLT HOLE QTY	BOLT HOLES H	BORED TO SUIT TUBE T	COMMENT
9-587-200500720 #	491.00 19.331	110.00 4.331	150.00 5.906	130.00 5.118	4	13.30 0.524	85X5MM 3.346 x 0.197	XS150 RE-LUBE 9.01
9-587-200500420 #	491.00 19.331	110.00 4.331	150.00 5.906	130.00 5.118	4	13.30 0.524	85X5MM 3.346 x 0.197	XS150 RE-LUBE 0.01

Maximum static angle $\beta = 42^\circ$



587.20 DOUBLE CARDAN ASSEMBLY

DOUBLE CARDAN ASSEMBLY PART No.	FLANGE DIA. A	C/LINE TO C/LINE B	FLANGE FACE TO WELD	TUBE SIZE	MAX. ANGLE	COMMENTS
9-587-200500340	150.00 5.906	115.00 4.528	262.00 10.315	85X5MM	42°	DIN 150mm
9-587-200500590 #	150.00 5.906	115.00 4.528	265.00 10.433	85X5MM	42°	XS150 SERVICE FREE
9-587-200500370	174.60 6.874	115.00 4.528	262.00 10.315	85X5MM	42°	1610 SPICER

- ① REPLACEMENT CENTRE BALL PART No. 1-587-205600020
- ② REPLACEMENT CENTRE BOOT PART No. 1-587-204700020
- ③ REPLACEMENT PIN YOKE PART No. 2-587-204000100
- ④ REPLACEMENT BALL YOKE 6C PART No. 2-587-202000110
- ④ REPLACEMENT BALL YOKE 150 x 8M12 PART No. 2-587-202000150
- ④ REPLACEMENT BALL YOKE 1610 PART No. 2-587-202400250
- ⑤ REPLACEMENT COUPLING YOKE PART No. 2-587-209500100
- ⑥ BOOT CLIP PART No. 1-000-008403020

Note: All replacements parts are available while stocks last, no longer available as individual parts.

INDENT ONLY

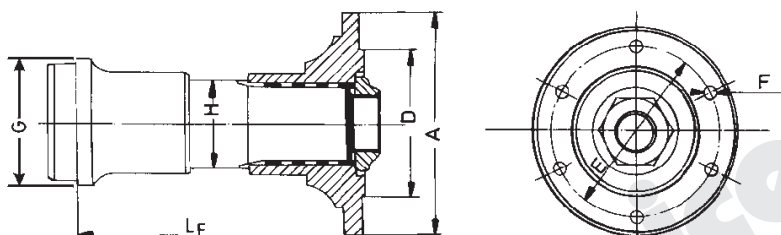
Note: All dimensions are nominal for identification purposes only.

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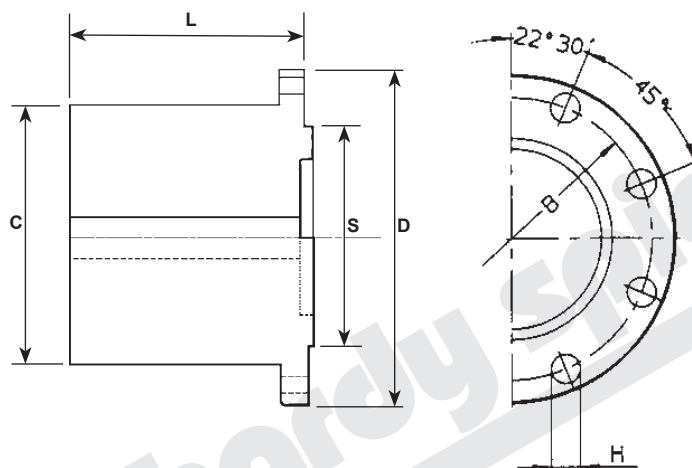


587.20

MIDSHIP STUB & FLANGE

MIDSHIP STUB & FLANGE PART No.	FLANGE DIA. A	POINT OF WELD TO FACE Lf	SPIGOT DIA. D	P.C.D. E	No. HOLES	HOLE DIA. F	BEARING I.D. H	TUBE SIZE & PART No.	COMMENTS
6-387-301652017	150.00 5.906	141.60 5.575	90.00 * 3.543	130.00 5.118	8	12 0.472	55.00 2.165	85X5MM 3.346 x 0.197	SUIT BEARING 6-387-300127080 36.6mm wide

ORDER NUT SEPARATELY PART No. 1-000-008102067
* SPIGOT IS SEMI-FINISHED



587.20

COMPANION FLANGE

CIRCULAR TYPE - ROUND HOLE

PART No.	BORE DIA.	HUB O.D.	FLANGE FACE TO END OF HUB L	MAX BORE WITH STD KEY	BOLT HOLE DIA. & No. H	P.C.D. B	SPIGOT DIA. S	FLANGE O.D. D	COMMENTS
DIN-1-150812	20.00 0.787	110.30 4.343	150.00 5.906	75.00 2.953	12.1 x 8 0.476	130.0 5.118	M-90.00 M-3.543	150.00 5.906	
DIN-1-180814	30.00 1.181	132.00 5.197	170.00 6.693	100.00 3.937	14.1 x 8 0.555	155.5 6.122	M-110.00 M-4.331	180.00 7.087	

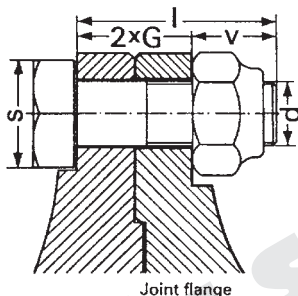
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587.20

FLANGE BOLT & NUT SET

PART No	d	G	I	V	S	TIGHTENING TORQUE	No. OF PIECES	SUITS FLANGE
6-187-400200020	M12	10	33	13	19	120 Nm 88.496 ft/lbs	16	Ø150
6-387-400200020	M14	12	40	16	22	190 Nm 140.118 ft/lbs	16	Ø180

587.20

CENTRE BEARING

Hardy Spicer Part No.	Description	Rubber Cushion	Centre Height	Bearing Width	Bearing ID	Bolt Hole Centres
6-387-300127080	 587-20/30 IVECO MAN DAF		71.5mm	36.6mm	55mm	200mm

Note: All dimensions are nominal for identification purposes only.

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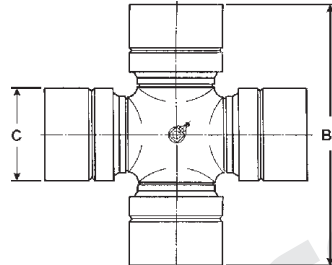
NOTE: For new applications use 687.40 Series.

C = 52.00

2.047

B1 = 133.00

5.236



587.30

UNIVERSAL JOINT KIT

PART No.	LUBE	DESCRIPTION
K5-A619	CENTRE	STANDARD
K5-A619-4X	CAP	4 x LUBE IN CAP

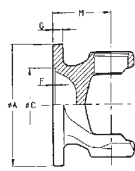


Fig. 1

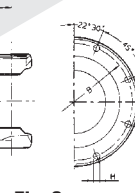
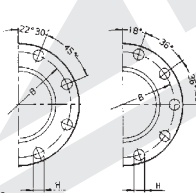


Fig. 2

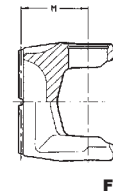


Fig. 3

587.30

FLANGE YOKE

FLANGE YOKE PART No.	FIG	FLANGE DIA. A	C/L OF U.J. TO FACE M	SPIGOT DIA. C	P.C.D. B	No. HOLES	HOLE DIA. H	MAX. ANGLE	COMMENTS
2-587-302700030	1	150.00 5.906	90.00 3.543	90.00 3.543	130.00 5.118	8	12.1 0.476	35°	150mm
2-587-302000030	1	150.00 5.906	78.00 3.071	90.00 3.543	130.00 5.118	8	12.1 0.476	24°	150mm
2-587-302000120#	1	150.00 5.906	68.00 2.677	90.00 3.543	130.00 5.118	8	12.1 0.476	24°	150mm
2-587-3027AUZF3#	1	150.00 5.906	95.00 3.740	76.20 3.000	120.65 4.750	6	16.1 0.634	35°	ZF MARINE
2-587-302700460	1	165.00 6.496	86.00 3.386	95.00 3.740	140.00 5.512	8	16.1 0.634	35°	165mm
2-587-302800020	1	180.00 7.087	90.00 3.543	110.00 4.330	155.50 6.122	8	14.1 0.634	35°	180mm 35°
2-587-302300060	1	180.00 7.087	80.00 3.150	110.00 4.330	155.50 6.122	8	14.1 0.555	24°	180mm 24°
2-587-302300180#	1	180.00 7.087	80.00 3.150	110.00 4.330	155.50 6.122	10	16.1 0.634	24°	180mm 10 BOLT
2-587-302400070#	2	174.60 6.875	76.00 2.992	168.30 6.625	155.60 6.125	8	10.1 0.398	24°	1610 SPICER
2-587-302400140	2	203.20 8.000	80.00 3.150	196.80 7.750	184.20 7.250	8	10.1 0.398	24°	1710 SPICER
2-587-302700520	3	150.00 5.906	90.00 3.543	N/A	130.00 5.118	4	13.0 0.512	35°	KV 70°
2-587-302800590#	3	180.00 7.087	93.50 3.681	N/A	150.00 5.906	4	15.1 0.594	30°	KV70°
3-587-302800000#	1	180.00 7.087	95.00 3.740	110.00 4.330				35°	UNDRILLED

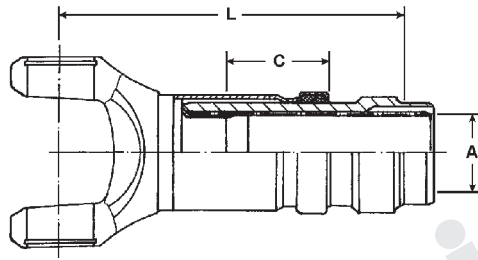
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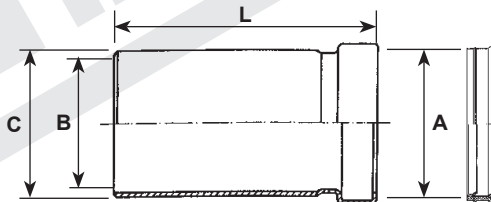
GWB 587.30



587.30

SLIP ASSEMBLY

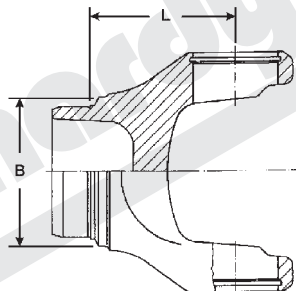
SLIP ASSEMBLY PART No.	INVOLUTE SPLINE O.D. & No. A	C/L OF UJ TO WELD POINT L	TOTAL SLIP C	TUBE SIZE & PART No.	COMMENTS
6-587-307780800	65.00-24 2.559	330.00 12.992	110.00 4.331	92X6-1/2MM 3.622 x 0.256	



587.30

SPLINE COVER TUBE

PART No.	LENGTH L	SEAL DIA. A	TUBE OD C	TUBE ID B	COMMENTS
6-587-300900000	166.00 6.535	80.00 3.150	88.00 3.465	82.00 3.228	FOR GWB YOKES - NLA
6-587-300900190	190.00 7.480	80.00 3.150	88.00 3.465	82.00 3.228	



587.30

WELD YOKE

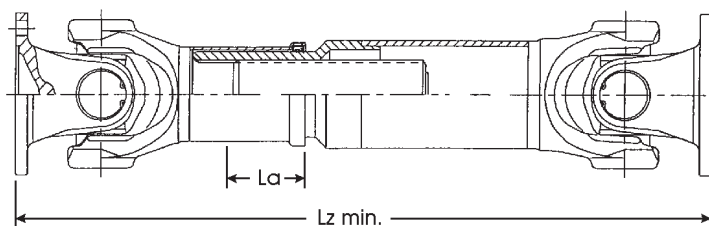
WELD YOKE PART No.	C/LINE TO POINT OF WELD L	MAX. ANGLE	TUBE SIZE & PART No. B	COMMENTS
2-587-304700050	94.00 3.701	35°	92X6-1/2MM 3.622 x 0.256	

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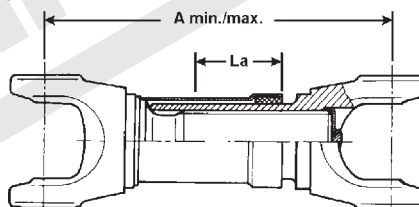


587.30

TUBULAR TYPE ASSEMBLY CHART

FLANGE YOE PART No.	U.J. PART No.	SLIP STUB ASSEMBLY PART No.	FLANGE TO FLANGE CLOSED Lz min.	TOTAL SLIP La	TUBE SIZE & PART No.	WELD YOE PART No.	MAX. STATIC ANGLE
2-587-302700030	K5-A619	6-587-307780800	660.00 25.984	110.00 4.331	92X6-1/2MM 3.622 x 0.256	2-587-304700050	35°
2-587-302800020	K5-A619	6-587-307780800	660.00 25.984	110.00 4.331	92X6-1/2MM 3.622 x 0.256	2-587-304700050	35°

MORE FLANGE YOE COMBINATIONS ARE AVAILABLE
PLEASE SEE FLANGE YOE SECTION



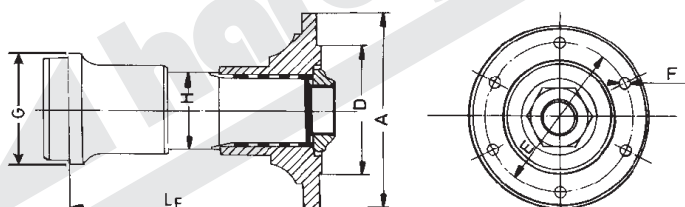
587.30 / 587.31

SHORT COUPLED ASSY CHART

U.J. PART No.	SLIP YOE & YOE SHAFT PART No.	C/L U.J. TO C/L U.J. CLOSED max/min A	TOTAL SLIP La	SPLINE COVER PART No.	SLIP YOE PLUG PART No.	RELIEF VALVE PART No.	MAX. STATIC ANGLE
K5-A619	6-587-307733400	400 / 245 15.748/9.645	110 / 40 4.33/1.18	6-587-300900000^	1-587-301400070^	1-000-008608020^	24°
K5-A619	6-587-317133000*	250 9.84	50 1.97	6-587-350900000^	1-587-351400100^	1-000-008608020^	15°
K5-A619	6-587-307133200	257 / 195 10.118/7.677	60 / 20 2.362/875	6-587-350900000^	1-587-351400100^	1-000-008608020^	15°

* AVAILABLE WHILE STOCKS LAST.

^ SPLINE COVER, SLIP YOE PLUG & RELIEF VALVE SUPPLIED WITH SLIP ASSY.



587.30

MIDSHIP STUB & FLANGE

MIDSHIP STUB & FLANGE PART No.	FLANGE DIA. A	POINT OF WELD TO FACE Lf	SPIGOT DIA. D	P.C.D. E	No. HOLES	HOLE DIA. F	BEARING I.D. H	TUBE SIZE & PART No.	COMMENTS
6-387-301652004	150.00 5.906	142.00 5.592	90.00 3.543	130.00 5.118	8	12.00 0.472	55.00 2.165	92X6-5MM 3.622 x 0.256	SUIT BEARING 6-387-300127080 36.6mm wide

ORDER NUT SEPARATELY PART No. 1-000-008102067

Note: All dimensions are nominal for identification purposes only.

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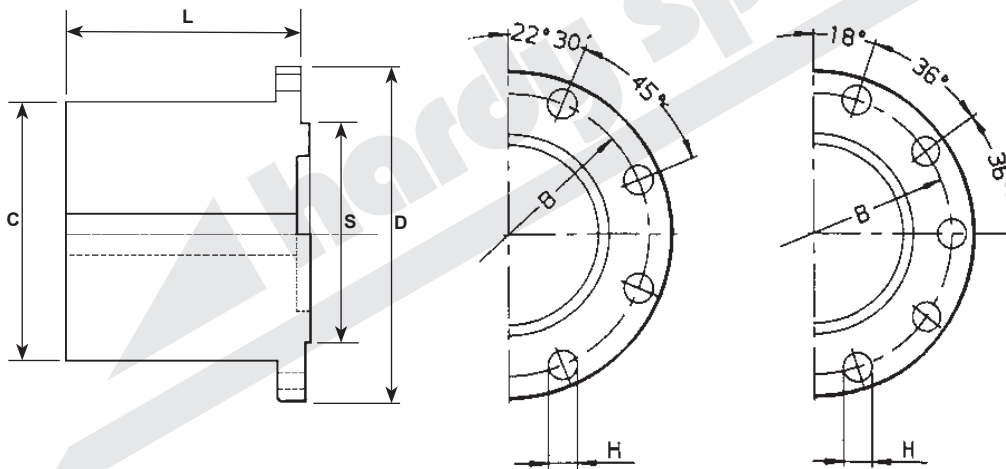
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587.30

CENTRE BEARING

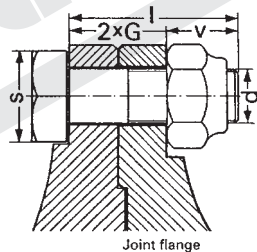
Hardy Spicer Part No.	Description	Rubber Cushion	Centre Height	Bearing Width	Bearing ID	Bolt Hole Centres
6-387-300127080	 587-20/30 IVECO MAN DAF		71.5mm	36.6mm	55mm	200mm



587.30

COMPANION FLANGE

CIRCULAR TYPE - ROUND HOLE									
PART No.	BORE DIA.	HUB O.D.	FLANGE FACE TO END OF HUB	MAX BORE WITH STD KEY	BOLT HOLE DIA. & No.	P.C.D.	SPIGOT DIA.	FLANGE O.D.	COMMENTS
		C	L		H	B	S	D	
DIN-1-150812	20.00 0.787	110.30 4.343	150.00 5.906	75.00 2.953	12.1 x 8 0.476	130.0 5.118	M-90.00 M-3.543	150.00 5.906	
DIN-1-180814	30.00 1.181	132.00 5.197	170.00 6.693	100.00 3.937	14.1 x 8 0.555	155.5 6.122	M-110.00 M-4.331	180.00 7.087	
DIN-1-181016	30.00 1.181	132.00 5.197	170.00 6.693	100.00 3.937	16.1 x 10 0.634	155.5 6.122	M-110.00 M-4.331	180.00 7.087	



587.30

FLANGE BOLT & NUT SET

PART No	d	G	I	V	S	TIGHTENING TORQUE	No. OF PIECES	SUITS FLANGE
6-187-400200020	M12	10	33	13	19	120 Nm 88.496ft/lbs	16	Ø150
6-387-400200020	M14	12	40	16	22	190 Nm 140.118ft/lbs	16	Ø180

Note: All dimensions are nominal for identification purposes only.

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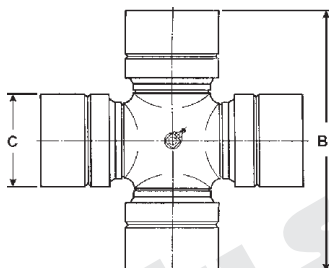
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GWB 587.35 / 587.36

NOTE: For new applications use 687.45 Series.

C = 57.00
2.244
B1 = 144.00
5.669



587.35/587.36

UNIVERSAL JOINT KIT

PART No.	LUBE	DESCRIPTION
K5-A624	CENTRE	STANDARD
K5-A624SF	NONE	SERVICE FREE

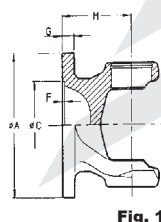


Fig. 1

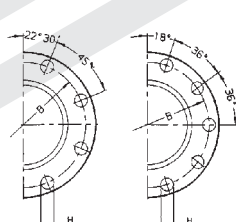


Fig. 2

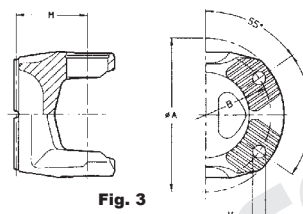


Fig. 3

587.35/587.36

FLANGE YOKE

FLANGE YOKE PART No.	FIG	FLANGE DIA. A	C/L OF U.J. TO FACE M	SPIGOT DIA. C	P.C.D. B	No. HOLES	HOLE DIA. H	MAX. ANGLE	COMMENTS
2-587-352000130#	1	180.00 7.087	85.00 3.346	110.00 4.330	155.50 6.122	8	14.1 0.555	24°	180mm 24°
2-587-352711070	1	180.00 7.087	100.00 3.937	110.00 4.330	155.50 6.122	8	14.1 0.555	35°	180mm 35°
2-587-352700280#	1	180.00 7.087	100.00 3.937	110.00 4.330	155.50 6.122	10	16.1 0.634	35°	180mm 10 BOLT
2-587-352300000	1	225.00 8.858	85.00 3.346	140.00 5.512	196.00 7.717	8	16.1 0.634	24°	225mm 24°
3-587-352300000#	1	225.00 8.858	100.00 3.937	N/A	N/A	N/A	N/A	24°	SEMI FINISHED
2-587-352400360#	2	203.20 8.000	100.00 3.937	196.80 7.750	184.20 7.250	12	10.1 0.398	24°	1810 SPICER
2-587-362700500#	3	180.00 7.087	90.00 3.543	N/A	150.00 5.906	4	15.1 0.594	35°	KV 70°

Note: All dimensions are nominal for identification purposes only.

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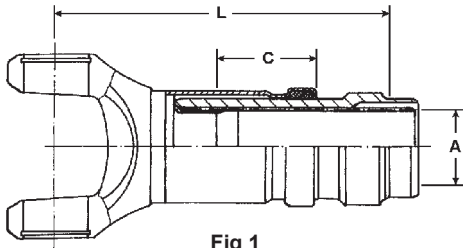


Fig 1

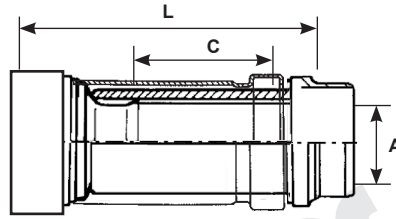


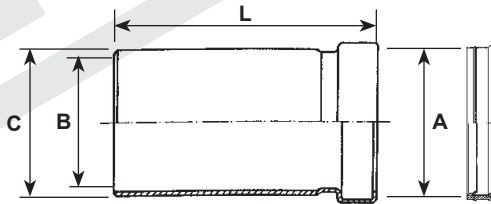
Fig 2

587.35/587.36

SLIP ASSEMBLY

SLIP ASSEMBLY PART No.	INVOLUTE SPLINE O.D. & No. A	C/L OF UJ TO WELD POINT L	TOTAL SLIP C	TUBE SIZE & PART No.	COMMENTS
6-587-357080800	75.00-28 2.953	348.00 13.701	110.00 4.331	100X6MM 3.937 x 0.236	
58736-752528280 REFER FIG 2	75.00-28 2.953	293.00^ 11.535	180.00 7.087	100X6MM 3.937 x 0.236	FOR DOUBLE CARDAN SHAFTS SLIP STUB & SLEEVE

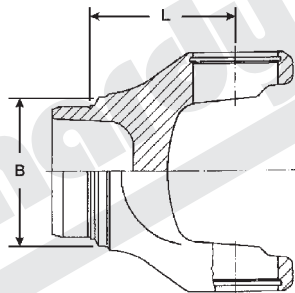
^ MEASUREMENT IS FROM WELD POINT TO WELD POINT



587.35/587.36

SPLINE COVER TUBE

PART No.	LENGTH L	SEAL DIA. A	TUBE OD C	TUBE ID B	COMMENTS
6-587-350900000	166.00 6.102	90.00 3.543	98.00 3.858	92.00 3.622	
6-587-350900210	220.00 8.661	90.00 3.543	98.00 3.858	92.00 3.622	SUIT DOUBLE CARDAN SHAFTS



587.35/587.36

WELD YOKE

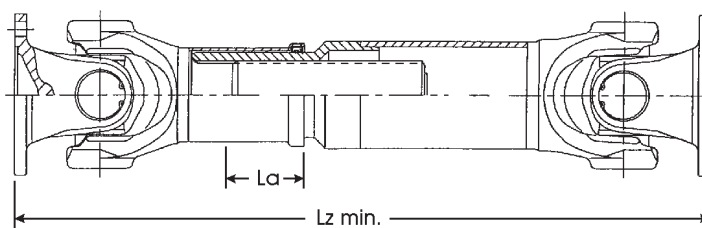
WELD YOKE PART No.	C/LINE TO POINT OF WELD L	MAX. ANGLE	TUBE SIZE & PART No. B	COMMENTS
2-587-354000000	103.00 4.055	35°	100X6MM 3.937 x 0.236	

Note: All dimensions are nominal for identification purposes only.

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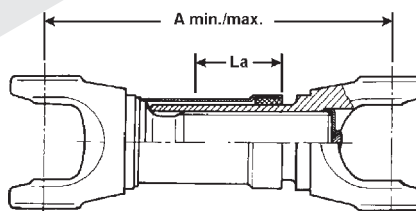
GWB 587.35 / 587.36



587.35/587.36 TUBULAR TYPE ASSEMBLY CHART

FLANGE YOKE PART No.	U.J. PART No.	SLIP STUB ASSEMBLY PART No.	FLANGE TO FLANGE CLOSED Lz min.	TOTAL SLIP La	TUBE SIZE & PART No.	WELD YOKE PART No.	MAX. STATIC ANGLE
2-587-352711070	K5-A624	6-587-357080800	710.00 27.953	110.00 4.331	100X6MM 3.937 x 0.236	2-587-354000000	35°
2-587-352300000	K5-A624	6-587-357080800	680.00 26.772	110.00 4.331	100X6MM 3.937 x 0.236	2-587-354000000	35°

MORE FLANGE YOKE COMBINATIONS ARE AVAILABLE
PLEASE SEE FLANGE YOKE SECTION



587.35/587.36 SHORT COUPLED ASSY CHART

U.J. PART No.	SLIP YOKE & YOKE SHAFT	C/L U.J. TO C/L U.J. CLOSED max/min A	TOTAL SLIP La	SPLINE COVER PART No.	MAX STATIC ANGLE
K5-A624	6-587-357033200	420 / 280 16.54/11.02	110 / 25 4.33 / 0.98	INCLUDED	24°

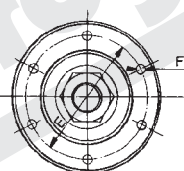
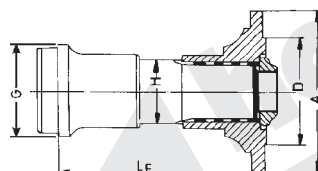


Fig 1

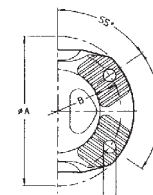


Fig 2

587.35/587.36 MIDSHIP ASSY

MIDSHIP PART No.	SPLINE OD & No.	LENGTH OF SPLINE	LENGTH TO WELD	BEAR- ING ID	FLANGE PART No.	F I G	FLANGE OD	PCD DIA	COMMENTS
2-587-351600210# SEE NOTE	60.00-22 2.362	76.00 2.992	171.00 6.732	60.00 2.362	2-587-365200570#	2	180.00 7.087	150.00 5.905	XS180 C/F

NOTE : Order nut separately Part No. 1-000-008102067

Note: All dimensions are
nominal for identification
purposes only.

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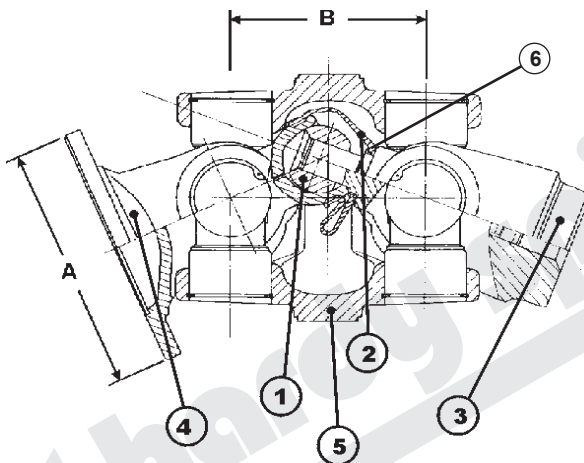
587.35/587.36 CENTRE BEARINGS

Hardy Spicer Part No.	Description	Rubber Cushion	Centre Height	Bearing Width	Bearing ID	Bolt Hole Centres
6-187-400100010	 587-35/36 Iveco / MAN		80mm	36.6mm	60mm	200mm
6-613-6501AU650	 587-35/36/42 MAN	Solid Rubber	85.8mm	23mm	65mm	225mm

Note: All dimensions are nominal for identification purposes only.

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587.35/587.36

DOUBLE CARDAN ASSEMBLY

DOUBLE CARDAN ASSEMBLY PART No.	FLANGE DIA. A	C/LINE TO C/LINE B	FLANGE FACE TO WELD	TUBE SIZE	MAX ANGLE	COMMENTS
9-587-350500240	180.00 7.087	140.00 5.512	320.00 15.598	100x6MM	42°	DIN 180x8x14
9-587-350500100	180.00 7.087	140.00 5.512	320.00 15.598	100x6MM	42°	DIN 180x8x16
9-587-350500290#	180.00 7.087	140.00 5.512	320.00 15.598	100x6MM	42°	DIN 180x10x16
9-587-350400400#	180.00 7.087	140.00 5.512	320.00 15.598	120x4MM	42°	DIN 180x8x16 RELUBE
9-587-350400440#	180.00 7.087	140.00 5.512	320.00 15.598	120x4MM	42°	DIN 180x8x16 SERVICE FREE

- ① REPLACEMENT CENTRE BALL PART No. 1-587-355600020
- ② REPLACEMENT CENTRE BOOT PART No. 1-587-354700010
- ③ REPLACEMENT PIN YOKE PART No. 2-587-354000100 100X6MM
- ③ REPLACEMENT PIN YOKE PART No. 2-587-354000650# 120X4MM
- ④ REPLACEMENT BALL YOKE PART No. 2-587-352000210 DIN180x8x14
- ④ REPLACEMENT BALL YOKE PART No. 2-587-352000270 DIN180x10x16
- ⑤ REPLACEMENT COUPLING YOKE PART No. 2-587-359500100
- ⑥ BOOT CLIP PART No. 1-000-008403021

Note: All replacements parts are available while stocks last, no longer available as individual parts.

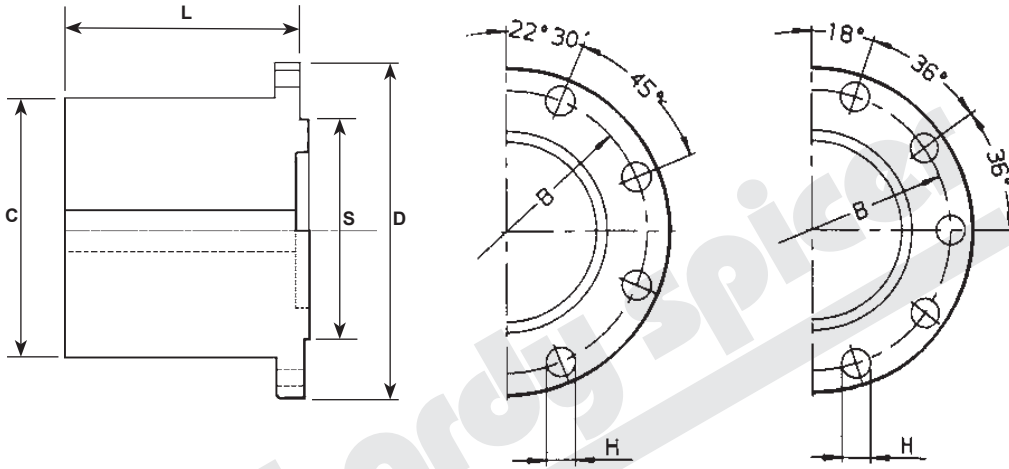
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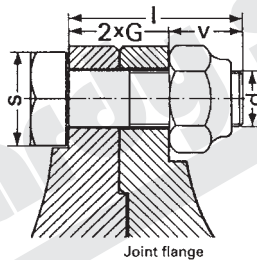


587.35/587.36

COMPANION FLANGE

CIRCULAR TYPE - ROUND HOLE

PART No.	BORE DIA.	HUB O.D.	FLANGE FACE TO END OF HUB L	MAX BORE WITH STD KEY	BOLT HOLE DIA. & No. H	P.C.D. B	SPIGOT DIA. S	FLANGE O.D. D	COMMENTS
DIN-1-180814	30.00 1.181	132.00 5.197	170.00 6.693	100.00 3.937	14.1 x 8 0.555	155.5 6.122	M-110.00 M-4.331	180.00 7.087	
DIN-1-181016	30.00 1.181	132.00 5.197	170.00 6.693	100.00 3.937	16.1 x 10 0.634	155.5 6.122	M-110.00 M-4.331	180.00 7.087	
DIN-1-225816	50.00 1.969	171.00 6.732	185.00 7.283	115.00 4.528	16.1 x 8 0.634	196.0 7.717	M-140.00 M-5.512	225.00 8.858	



587.35/587.36

FLANGE BOLT & NUT SET

PART No	d	G	I	V	S	TIGHTENING TORQUE	No. OF PIECES	SUITS FLANGE
6-387-400200020	M14	12	40	16	22	190 Nm 140.118 ft/lbs	16	DIN180x8x14
6-587-350200040	M16	12	42	18	24	295 Nm 217.552 ft/lbs	20	DIN180x10x16
6-587-350200020	M16	15	42	14	24	295 Nm 217.552 ft/lbs	16	Ø225
6-190-500200020	M16	15	50	20	24	295 Nm 217.552 ft/lbs	16	Ø225

Note: All dimensions are nominal for identification purposes only.

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GWB 587.42

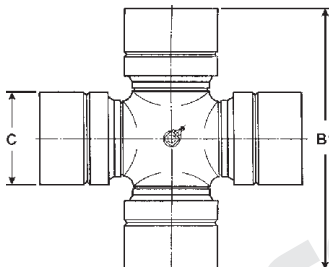
NOTE: For new applications use 687.55 Series.

C = 57.00

2.244

B1 = 152.06

5.987



587.42

UNIVERSAL JOINT KIT

PART No.	LUBE	DESCRIPTION
K5-A620	CENTRE	STANDARD (Same as GWB 687.55)
K5-A620W	CENTRE	AFTERMARKET
K5-A620-4X	CAP	LUBE IN EACH CAP
K5-A620SF	NONE	SERVICE FREE

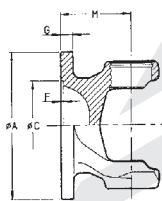


Fig. 1

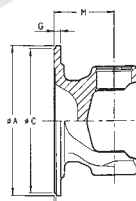
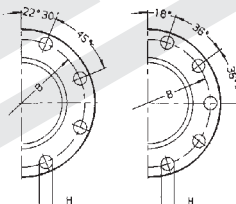


Fig. 2

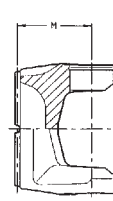
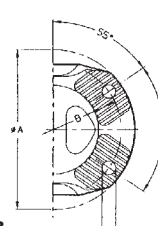


Fig. 3



587.42

FLANGE YOKE

FLANGE YOKE PART No.	FIG	FLANGE DIA. A	C/L OF U.J. TO FACE M	SPIGOT DIA. C	P.C.D. B	No. HOLES	HOLE DIA. H	MAX. ANGLE	COMMENTS
2-587-422000100	1	180.00 7.087	95.00 3.740	110.00 4.330	155.50 6.122	8	14.1 0.555	24°	180mm 24°
2-587-422000080	1	180.00 7.087	95.00 3.740	110.00 4.330	155.50 6.122	8	16.1 0.634	24°	180mm 24°
2-587-422000110	1	180.00 7.087	95.00 3.740	110.00 4.330	155.50 6.122	10	16.1 0.634	24°	180mm 24°
2-587-422300060	1	225.00 8.858	95.00 3.740	140.00 5.512	196.00 7.717	8	16.1 0.634	24°	225mm 24°
2-587-422300110#	1	225.00 8.858	95.00 3.740	152.40 6.000	190.50 7.500	8	22.6.1 0.890	24°	MARINE
2-587-422300070	1	225.00 8.858	96.00 3.779	140.00 5.512	196.00 7.717	12	16.1 0.634	24°	225mm 24° 12 Bolt
2-587-422400060	2	203.20 8.000	95.00 3.740	196.80 7.750	184.20 7.250	12	11.2 0.441	24°	1810 SPICER
2-587-422410000	2	203.20 8.000	57.50 2.264	196.80 7.750	184.20 7.250	12	11.2 0.441	10°	1810 SPICER
2-687-552000580#	3	150.00 5.906	92.00 3.622	N/A	130.00 5.118	4	13.1 0.516	27°	KV 70°
2-687-552700540	3	165.00 6.496	100.00 3.937	N/A	140.00 5.512	4	15.1 0.594	38°	KV 70°
2-687-552000510	3	180.00 7.087	92.00 3.622	N/A	150.00 5.906	4	15.1 0.594	25°	KV 70° / XS180
2-587-4220AU500	3	180.00 7.087	92.00 3.622	N/A	150.00 5.906	4	15.1 0.594	24°	KV 70° / XS180
2-687-552700550	3	180.00 7.087	108.00 4.252	N/A	150.00 5.906	4	15.1 0.594	44°	KV 70°

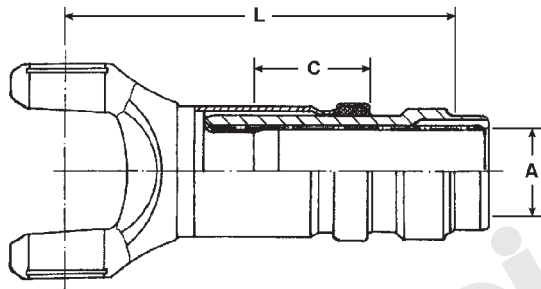
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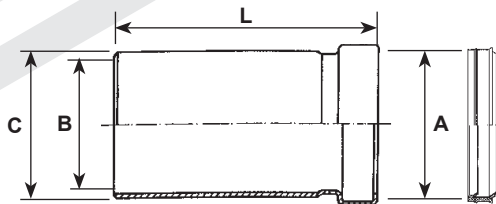
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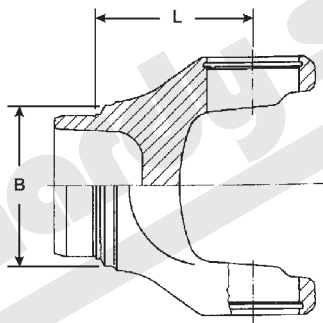
587.42 SLIP ASSEMBLY

SLIP ASSEMBLY PART No.	INVOLUTE SPLINE O.D. & No. A	C/L OF UJ TO WELD POINT L	TOTAL SLIP C	TUBE SIZE & PART No.	COMMENTS
6-587-4271AU805	80.00-30 3.150	395.00 15.551	180.00 7.087	111-1/2X6-3/4MM* 4.390 x 0.266	



587.42 SPLINE COVER TUBE

PART No.	LENGTH L	SEAL DIA. A	TUBE OD C	TUBE ID B	COMMENTS
6-587-420917060	210.00 8.268	93.00 3.661	106.00 4.173	100.00 3.937	



587.42 WELD YOKE

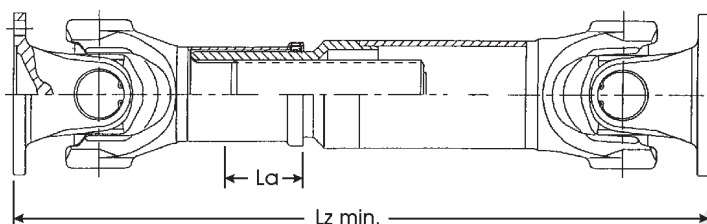
WELD YOKE PART No.	C/LINE TO POINT OF WELD L	MAX. ANGLE	TUBE SIZE & PART No. B	COMMENTS
2-587-4240AU200	105.00 4.134	25°	111-1/2X6-3/4MM* 4.390 x 0.266	

* ALTERNATIVE TUBE SIZE - 110X6MM

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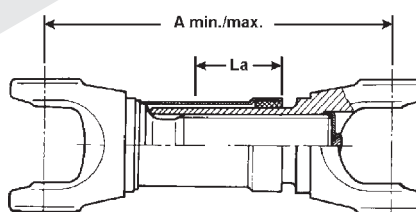


587.42

TUBULAR TYPE ASSEMBLY CHART

FLANGE YOKE PART No.	U.J. PART No.	SLIP STUB ASSEMBLY PART No.	FLANGE TO FLANGE CLOSED Lz min.	TOTAL SLIP La	TUBE SIZE & PART No.	WELD YOKE PART No.	MAX. STATIC ANGLE
2-587-422000110	K5-A620	6-587-4271AU805	765.00 30.118	110.00 4.331	111-1/2X6-3/4MM 4.390 x 0.266	2-587-4240AU200	25°
2-587-422300060	K5-A620	6-587-4271AU805	765.00 30.118	110.00 4.331	111-1/2X6-3/4MM 4.390 x 0.266	2-587-4240AU200	25°

MORE FLANGE YOKE COMBINATIONS ARE AVAILABLE
PLEASE SEE FLANGE YOKE SECTION



587.42

SHORT COUPLED ASSY CHART

U.J. PART No.	SLIP YOKE & YOKE SHAFT PART No.	C/L U.J. TO C/L U.J. CLOSED max/min A	TOTAL SLIP min/max La	DUST COVER PART No.	MAX STATIC ANGLE	COMMENTS
K5-A620	6-587-427636170#	170 6.693	25 0.984	6-587-400900600 INCLUDED	10°	9.06 DESIGN
K5-A620	6-587-427636175#	175 6.890	25 0.984	6-587-400900600 INCLUDED	10°	9.06 DESIGN
K5-A620	6-587-427636000	210 8.268	40 1.575	6-587-400900600 INCLUDED	10°	9.06 DESIGN
K5-A620	6-587-427636235#	235 9.252	40 1.575	6-587-400900600 INCLUDED	10°	9.06 DESIGN
K5-A620	6-587-427636240	240/190 9.449 / 7.480	40 / 20 1.575 / 0.787	6-587-400900000 INCLUDED	10°	9.06 DESIGN
K5-A620	6-587-4270AU370	370 14.467	45 1.772	6-587-420917060 INCLUDED	25°	9.03 DESIGN
K5-A620	6-587-4270AU430	430 16.929	100 3.937	6-587-420917060 INCLUDED	25°	9.03 DESIGN
K5-A620	6-587-4270AU470	470 18.504	130 5.118	6-587-420917060 INCLUDED	25°	9.03 DESIGN
K5-A620	6-587-4270AU800	495 / 315 19.488 / 12.402	100 / 40 3.937 / 1.575	6-587-420917060 INCLUDED	25°	9.03 DESIGN

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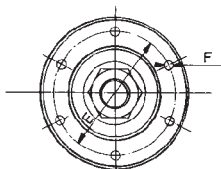
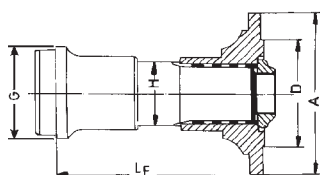


Fig 1

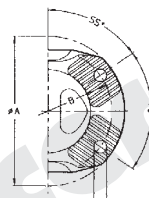


Fig 2

587.42

MIDSHIP ASSY

MIDSHIP PART No	SPLINE OD & No.	LENGTH OF SPLINE	LENGTH TO WELD	BEARING ID	FLANGE PART No.	F I G	FLANGE OD	PCD DIA	COMMENTS
2-113-6516AU400 SEE NOTE	65.00-31 2.559	85.00 3.346	166.50 6.555	65.00 2.559	2-113-6552AU300	2	180.00 7.087	150.00 5.905	XS180 KV 70 C/F SUIT CENTRE BEARING 6-613-6501AU650

NOTE : Order washer - 1-113-705017060 and bolt - 1-113-708217060 separately.
Midship bolt tightening torque = 445Nm

587.42

CENTRE BEARINGS

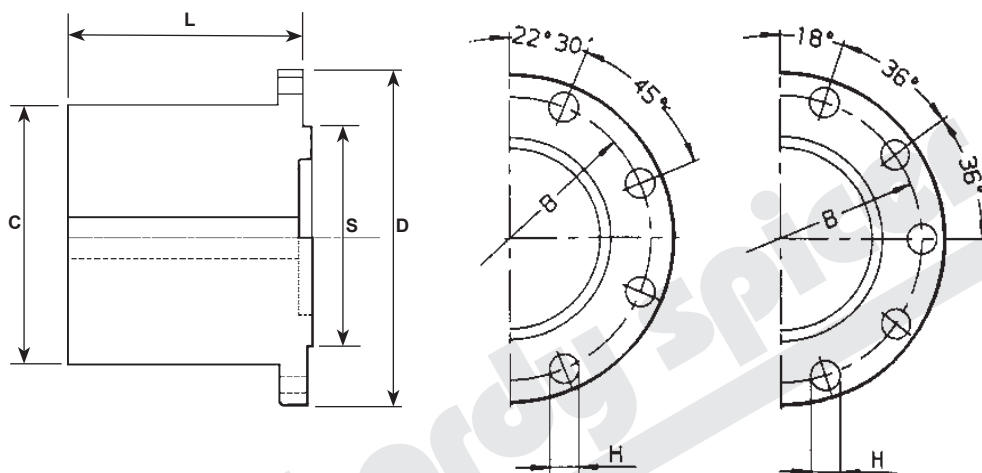
Hardy Spicer Part No.	Description	Rubber Cushion	Centre Height	Bearing Width	Bearing ID	Bolt Hole Centres
6-613-6501AU650	 587-42 MAN	Solid Rubber	85.8mm	23mm	65mm	225mm

Note: All dimensions are nominal for identification purposes only.

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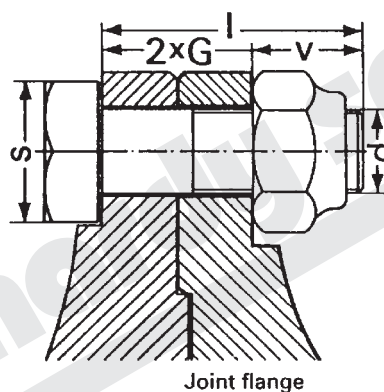


587.42

COMPANION FLANGE

CIRCULAR TYPE - ROUND HOLE

PART No.	BORE DIA.	HUB O.D.	FLANGE FACE TO END OF HUB	MAX BORE WITH STD KEY	BOLT HOLE DIA. & No.	P.C.D.	SPIGOT DIA.	FLANGE O.D.	COMMENTS
		C	L		H	B	S	D	
DIN-1-1801016	30.00 1.181	132.00 5.169	170.00 6.693	100.00 3.937	16.1 x 10 0.634	155.5 6.122	M-110.00 M-4.331	180.00 7.087	
DIN-1-225816	50.00 1.969	171.00 6.732	185.00 7.283	115.00 4.528	16.1 x 8 0.634	196.0 7.717	M-140.00 M-5.512	225.00 8.858	



587.42

FLANGE BOLT & NUT SET

PART No	d	G	I	V	S	TIGHTENING TORQUE	No. OF PIECES	SUITS FLANGE
6-190-500200020	M16	15	50	20	24	295 Nm 217.552 ft/lbs	16	Ø225
6-190-550200120	M16	14	50	22	24	295 Nm 217.552 ft/lbs	20	Ø180
6-587-420200040	M14	16	50	12	22	190 Nm 140.118 ft/lbs	8	Ø180 KV 70°

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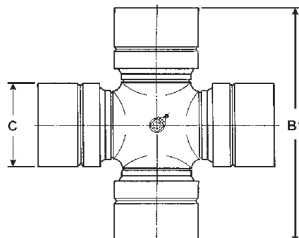
NOTE: For new applications use 687.65 Series.

C = 65.00

2.559

B1 = 172.00

6.772



587.48

UNIVERSAL JOINT KIT

PART No.	LUBE	DESCRIPTION
K5-A643	CENTRE	STANDARD (Same as GWB 687.65)
K5-A643W	CENTRE	AFTERMARKET JOINT (Same as GWB 687.65)
K5-A643SF	NONE	SERVICE FREE
K5-A643-4X	CAP	4 x LUBE IN CAP

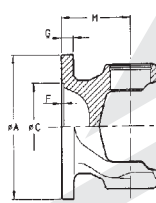


Fig. 1

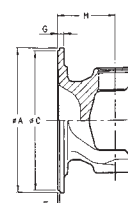


Fig. 2

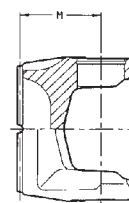
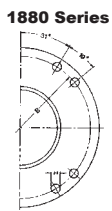
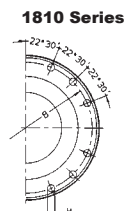
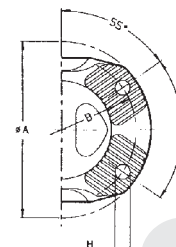


Fig. 3



587.48

FLANGE YOKE

FLANGE YOKE PART No.	FIG	FLANGE DIA. A	C/L OF U.J. TO FACE M	SPIGOT DIA. C	P.C.D. B	No. HOLES	HOLE DIA. H	MAX. ANGLE	COMMENTS
2-587-482727100	1	180.00 7.087	110.00 4.330	110.00 4.330	155.50 6.122	10	16.1 0.634	30°	180mm 10 BOLT
2-587-482700030	1	180.00 7.087	110.00 4.330	110.00 4.330	155.50 6.122	8	14.1 0.555	30°	180mm 8 BOLT
2-587-482800060	1	225.00 8.858	110.00 4.330	140.00 5.512	196.00 7.717	8	16.1 0.634	30°	225mm 8 BOLT
1-122-301 0025	1	225.00 8.858	110.00 4.330	140.00 5.512	196.00 7.717	10	16.1 0.634	30°	225mm 10 BOLT
2-587-482800000	1	225.00 8.858	110.00 4.330	140.00 5.512	196.00 7.717	12	16.1 0.634	30°	225mm 12 BOLT
2-587-482800120	1	250.00 9.843	110.00 4.330	140.00 5.512	218.00 8.583	8	18.1 0.713	25°	250mm
2-587-482400030	2	203.20 8.000	110.00 4.330	196.80 7.750	184.20 7.250	12	11.2 0.441	30°	1810 SPICER
2-587-482400190	2	247.70 9.752	110.00 4.330	177.80 7.000	209.55 8.250	8	16.1 0.634	30°	1880 SPICER
2-687-652000510	3	180.00 7.087	105.00 3.937	N/A	150.00 5.906	4	15.1 0.594	25°	XS180

INDENT ONLY

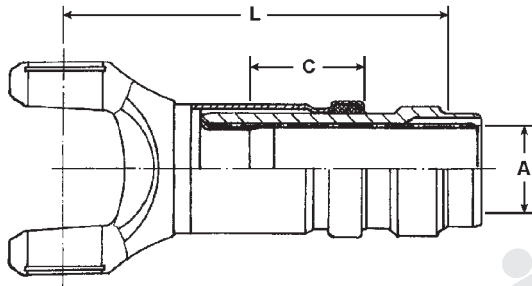
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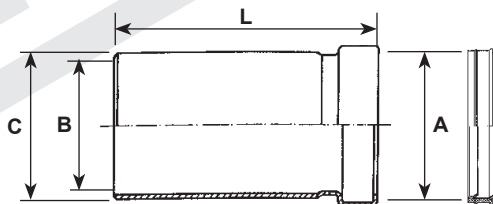
GWB 587.48



587.48

SLIP ASSEMBLY

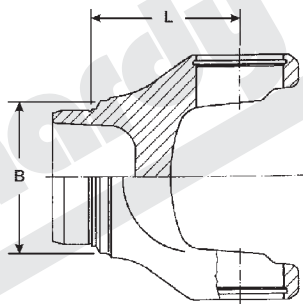
SLIP ASSEMBLY PART No.	INVOLUTE SPLINE O.D. & No. A	C/L OF UJ TO WELD POINT L	TOTAL SLIP C	TUBE SIZE & PART No. B	MAX. ANGLE	COMMENTS
6-587-487780800	90.00-34 3.543	422.00 16.614	150.00 5.905	140X5MM 5.512 x 0.197	35°	SPLINE COVER & SEAL ASSY 6-587-480917000
6-687-657080200	88.00-32 3.465	308.00 12.126	110.00 4.331	140X5MM 5.512 x 0.197	25°	SPLINE COVER & SEAL ASSY 6-687-650900000



587.48

SPLINE COVER TUBE

PART No.	LENGTH L	SEAL DIA. A	TUBE OD C	TUBE ID B	COMMENTS
6-587-480917000	210.00 8.267	110.00 4.331	122.00 4.803	116.00 4.567	
6-687-650900000	132.00 5.197	108.00 4.252	118.00 4.646	112.00 4.409	



587.48

WELD YOKE

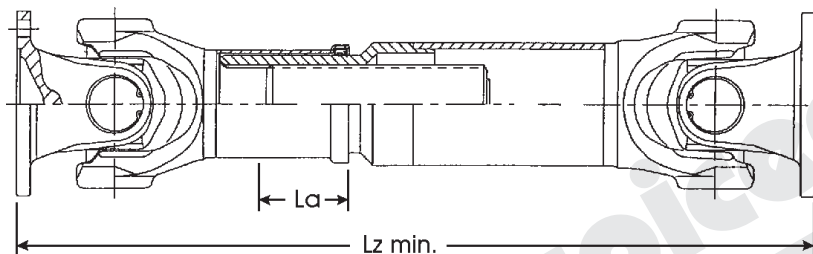
WELD YOKE PART No.	C/LINE TO POINT OF WELD L	MAX. ANGLE	TUBE SIZE & PART No. B	COMMENTS
2-687-654000000	113.00 4.449	25°	140X5MM 5.512 x 0.197	
2-687-6540AU100	116.00 4.567	25°	140X5MM 5.512 x 0.197	ALTERNATIVE

Note: All dimensions are nominal for identification purposes only.

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GWB 587.48



587.48 TUBULAR TYPE ASSEMBLY CHART

FLANGE YOKE PART No.	U.J. PART No.	SLIP STUB ASSEMBLY PART No.	FLANGE TO FLANGE CLOSED Lz min.	TOTAL SLIP La	TUBE SIZE & PART No.	WELD YOKE PART No.	MAX. STATIC ANGLE
2-587-482727100	K5-A643	6-687-657080200	686.00 27.007	110.00 4.331	140X5MM 5.512 x 0.197	2-687-654000000	25°

MORE FLANGE YOKE COMBINATIONS ARE AVAILABLE
PLEASE SEE FLANGE YOKE SECTION

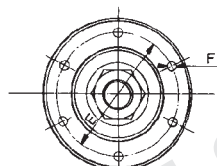
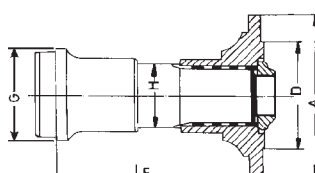


Fig 1



Fig 2

587.48 MIDSHIP ASSY

MIDSHIP PART No	SPLINE OD & No.	LENGTH OF SPLINE	LENGTH TO WELD	BEAR- ING ID	FLANGE PART No.	F I G	FLANGE OD	PCD DIA	COMMENTS
700-57-15479 SEE NOTE	70.00-26 2.756	81.00 3.189	175.00 6.690	70.00 2.756	700-1-15821	2	180.00 7.087	150.00 5.905	XS180 KV 70 C/F SUIT CENTRE BEARING 126-700-10202

NOTE : Order washer - 261-700-15477 and nut - 243-000-03641 separately.
Midship bolt tightening torque = 415Nm +/- 35Nm

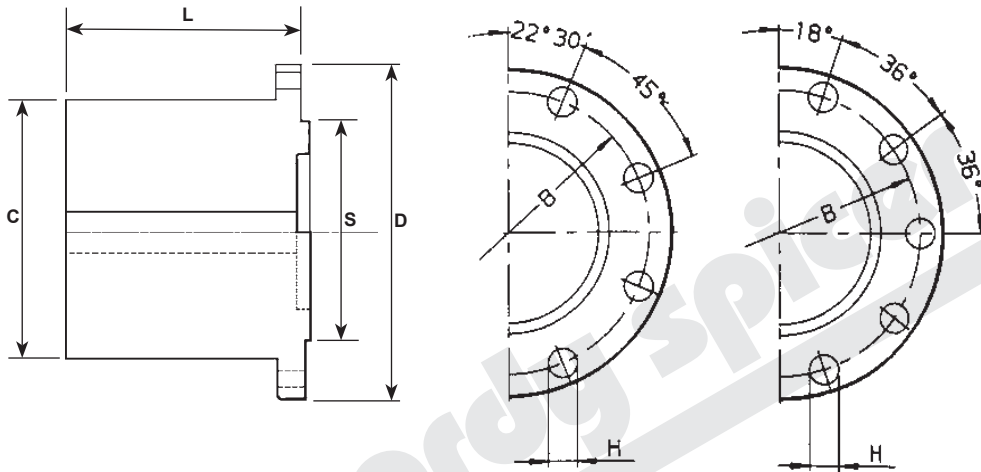
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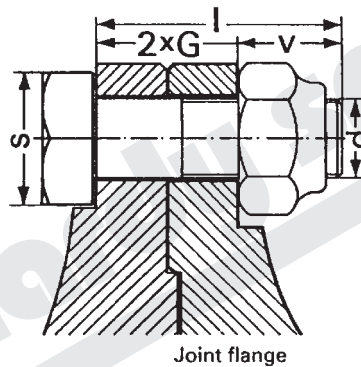


587.48

COMPANION FLANGE

CIRCULAR TYPE - ROUND HOLE

PART No.	BORE DIA.	HUB O.D.	FLANGE FACE TO END OF HUB L	MAX BORE WITH STD KEY	BOLT HOLE DIA. & No. H	P.C.D. B	SPIGOT DIA. S	FLANGE O.D. D	COMMENTS
DIN-1-181016	30.00 1.181	132.00 5.197	170.00 6.693	100.00 3.937	16.1 x 10 0.634	155.5 6.122	M-110.00 M-4.331	180.00 7.087	
DIN-1-225816	50.00 1.969	171.00 6.732	185.00 7.283	115.00 4.528	16.1 x 8 0.634	196.0 7.717	M-140.00 M-5.512	225.00 8.858	



587.48

FLANGE BOLT & NUT SET

PART No	d	G	I	V	S	TIGHTENING TORQUE	No. OF PIECES	SUITS FLANGE
6-190-500200020	M16	15	50	20	24	295 Nm 217.552 ft/lbs	16	Ø225
6-190-550200120	M16	14	50	22	24	295 Nm 217.552 ft/lbs	20	Ø180

Note: All dimensions are nominal for identification purposes only.

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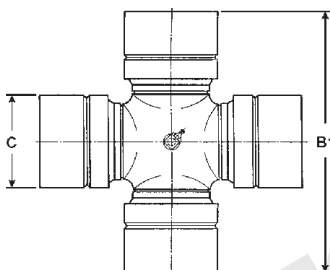
GWB 587.50

C = 72.00

2.835

B1 = 185.00

7.283



587.50

UNIVERSAL JOINT KIT

PART NO.	LUBE	DESCRIPTION
K5-A625	CENTRE	STANDARD
K5-A625W	CENTRE & CAP	AFTERMARKET JOINT 4 x LUBE IN CAP AND 1 x CENTRE LUBE
K5-A625-4X	CAP	4 x LUBE IN CAP
K5-A625V	CENTRE	VITON SEALS

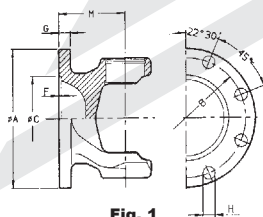


Fig. 1

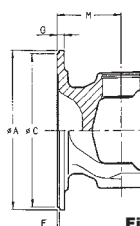


Fig. 2

1900 Series

1880 Series

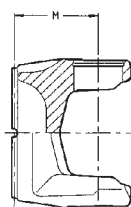
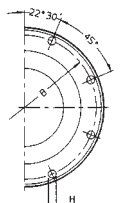


Fig. 3

587.50

FLANGE YOKE

FLANGE YOKE PART No.	FIG	FLANGE DIA. A	C/L OF U.J. TO FACE M	SPIGOT DIA. C	P.C.D. B	No. HOLES	HOLE DIA. H	MAX. ANGLE	COMMENTS
2-587-502000000	1	225.00 8.858	108.00 4.252	140.00 5.512	196.00 6.122	8	16.1 0.634	24°	225mm 24°
2-587-5020AU225	1	225.00 8.858	108.00 4.252	140.00 5.512	196.00 6.122	8	16.1 0.634	24°	225mm 24° ALT
2-587-502300080	1	250.00 9.843	108.00 4.252	140.00 5.512	218.00 8.583	8	18.1 0.713	24°	250mm 24°
2-587-5023AU250	1	250.00 9.843	108.00 4.252	140.00 5.512	218.00 8.583	8	18.1 0.713	24°	250mm 24° ALT
2-587-502300140	1	285.00 11.220	108.00 4.252	175.00 6.890	245.00 9.646	8	20.1 0.791	24°	285mm 24°
2-587-502454080	2	247.70 9.750	105.00 4.134	177.80 7.000	209.55 8.250	8	16.1 0.634	24°	1880 SPICER
2-587-502400150	2	276.20 10.874	108.00 4.252	222.20 8.748	247.65 9.750	8	16.1 0.594	24°	1900 SPICER
2-587-502000550#	3	200.00 7.874	108.00 4.252	N/A	165.00 6.496	4	15.1 0.594	24°	KV 70°

INDENT ONLY

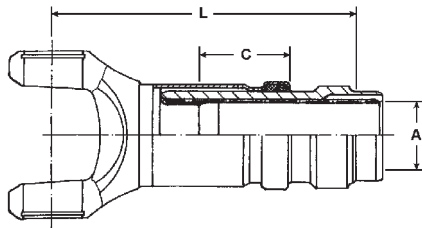
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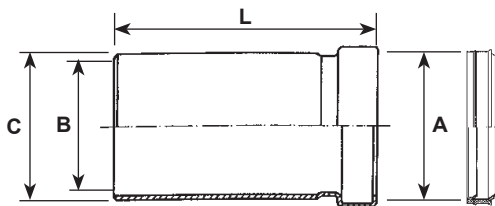
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GWB 587.50



587.50 SLIP ASSEMBLY

SLIP ASSEMBLY PART No.	INVOLUTE SPLINE O.D. & No. A	C/L OF UJ TO WELD POINT L	TOTAL SLIP C	TUBE SIZE & PART No.	COMMENTS
6-587-507080851	90.00-34 3.543	360.00 14.173	110.00 4.331	144X7MM 5.669 x 0.276	
6-587-507080280	90.00-34 3.543	425.00 16.732	140.00 5.512	144X7MM 5.669 x 0.276	



587.50 SPLINE COVER TUBE

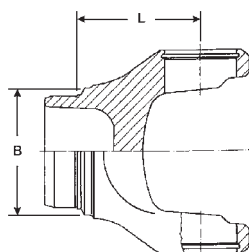
PART No.	LENGTH L	SEAL DIA. A	TUBE OD C	TUBE ID B	COMMENTS
6-587-500900030	160.00 6.299	110.00 4.331	120.00 4.724	112.00 4.409	USE ON 90mm SPLINE
6-587-400900060	160.00 6.299	100.00 3.937	108.00 4.252	102.00 4.016	USE ON 80mm SPLINE WHILE STOCKS LAST

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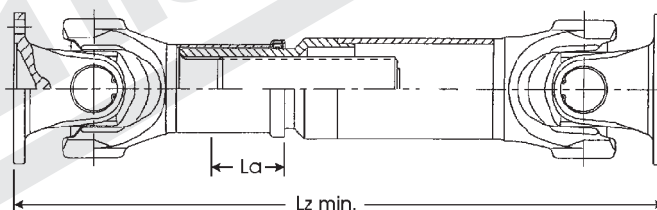
GWB 587.50



587.50

WELD YOKE

WELD YOKE PART No.	C/LINE TO POINT OF WELD L	MAX. ANGLE	TUBE SIZE & PART No. B	COMMENTS
2-587-504200600	138.00 5.433	24°	144X7MM 5.669 x 0.276	
2-587-5042AU000	140.00 5.512	24°	144X7MM 5.669 x 0.276	

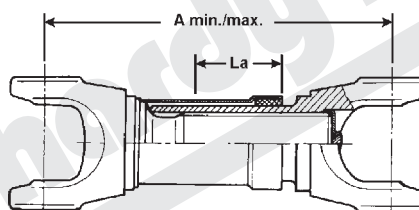


587.50

TUBULAR TYPE ASSEMBLY CHART

FLANGE YOKE PART No.	U.J. PART No.	SLIP STUB ASSEMBLY PART No.	FLANGE TO FLANGE CLOSED Lz min.	TOTAL SLIP La	TUBE SIZE & PART No.	WELD YOKE PART No.	MAX. STATIC ANGLE
2-587-502000000	K5-A625	6-587-507080851	800.00 31.496	110.00 4.331	144X7MM 5.669 x 0.276	2-587-504200600	24°
2-587-502300080	K5-A625	6-587-507080851	800.00 31.496	110.00 4.331	144X7MM 5.669 x 0.276	2-587-504200600	24°

MORE FLANGE YOKE COMBINATIONS ARE AVAILABLE
PLEASE SEE FLANGE YOKE SECTION



587.50

SHORT COUPLED ASSY CHART

U.J. PART No.	SLIP YOKE & YOKE SHAFT ONLY PART No.	C/L U.J. TO C/L U.J. CLOSED max/min A	TOTAL SLIP La	SPLINE COVER PART No.	SLIP YOKE PLUG PART No.	RELIEF VALVE PART No. / GREASE NIPPLE PART No.
K5-A625	6-587-507033251	387 / 327 15.24/12.87	75 / 40 2.95 / 1.57	6-587-500900030	1-587-501400320	1-000-008601125
K5-A625	6-587-507033250	480 / 404 18.90/15.91	110 / 60 4.33 / 2.36	6-587-500900030	1-587-501400320	1-000-008601125

CIRCLIP PART No. - 1-000-008903004 SEAL PART No.- 1-000-008502147
NOTE: Order Spline Cover, Slip Yoke Plug, Relief Valve, Circlip & Seal separately.

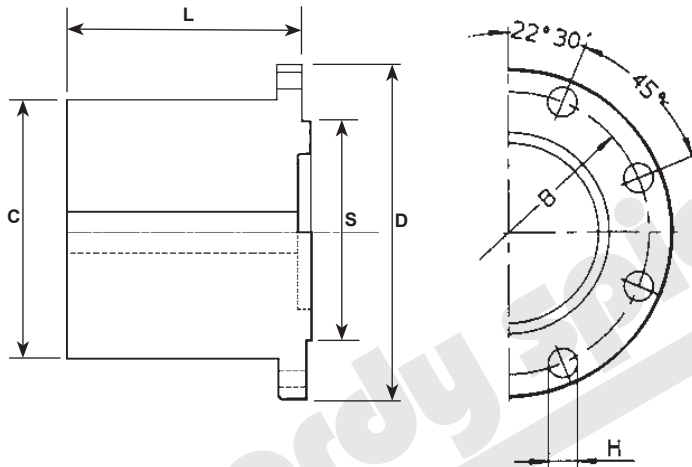
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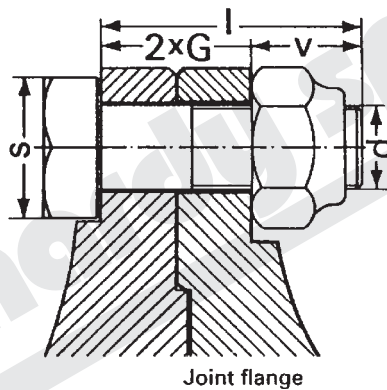


587.50

COMPANION FLANGE

CIRCULAR TYPE - ROUND HOLE

PART No.	BORE DIA.	HUB O.D.	FLANGE FACE TO END OF HUB L	MAX BORE WITH STD KEY	BOLT HOLE DIA. & No. H	P.C.D. B	SPIGOT DIA. S	FLANGE O.D. D	COMMENTS
DIN-1-225816	50.00 1.969	171.00 6.732	185.00 7.283	115.00 4.528	16.1 x 8 0.634	196.0 7.717	M-140.00 M-5.512	225.00 8.858	



587.50

FLANGE BOLT & NUT SET

PART No	d	G	I	V	S	TIGHTENING TORQUE	No. OF PIECES	SUITS FLANGE
6-190-500200020	M16	15	50	20	24	295 Nm 217.552 ft/lbs	16	Ø225
6-190-550200020	M18	18	60	24	27	405 Nm 298.673 ft/lbs	16	Ø250

Note: All dimensions are nominal for identification purposes only.

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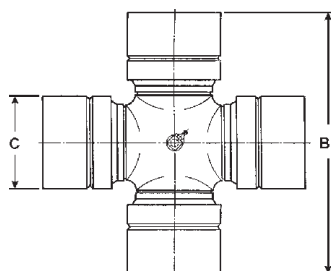
GWB 587.55

C = 74.00

2.913

B1 = 217.00

8.543



587.55

UNIVERSAL JOINT KIT

PART NO.	LUBE	DESCRIPTION
K5-A708	CENTRE	STANDARD
K5-A708W	CENTRE & CAP	AFTERMARKET JOINT 4 x LUBE IN CAP AND 1 x CENTRE LUBE
K5-A708-4X	CAP	4 x LUBE IN CAP
K5-A708GE-4X	CENTRE & CAP	4 x LUBE IN CAP AND 1 x CENTRE LUBE

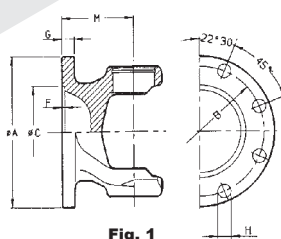


Fig. 1

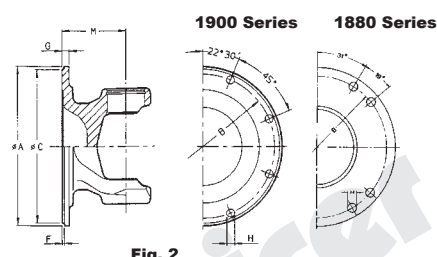


Fig. 2

587.55

FLANGE YOKE

FLANGE YOKE PART No.	FIG	FLANGE DIA. A	C/L OF U.J. TO FACE M	SPIGOT DIA. C	P.C.D. B	No. HOLES	HOLE DIA. H	MAX. ANGLE	COMMENTS
2-587-552000000	1	250.00 9.843	125.00 4.921	140.00 5.512	218.00 8.583	8	18.1 0.713	20°	250mm STANDARD
2-587-5520AU250	1	250.00 9.843	125.00 4.921	140.00 5.512	218.00 8.583	8	18.1 0.713	20°	250mm ALT
2-587-552500000	1	250.00 9.843	125.00 4.921	140.00 5.512	218.00 8.583	8	18.1 0.713	20°	250mm WITH DOWEL PIN HOLES
2-587-552300000#	1	285.00 11.220	125.00 4.921	175.00 6.890	245.00 9.646	8	20.1 0.791	20°	285mm
2-587-552400100#	2	247.70 9.752	125.00 4.921	177.80 6.921	209.55 8.250	8	16.1 0.634	20°	1880/1910 SPICER

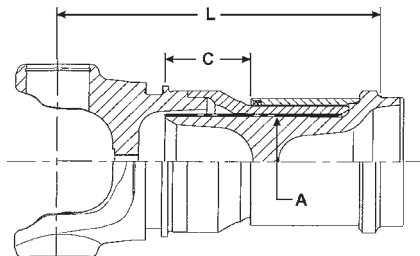
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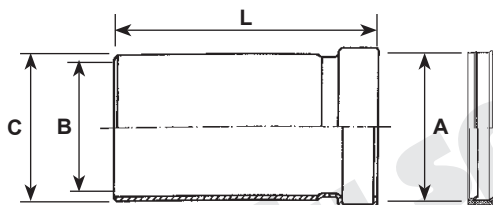
GWB 587.55



587.55 SLIP ASSEMBLY

SLIP ASSEMBLY PART No.	INVOLUTE SPLINE O.D. & No. A	C/L OF UJ TO WELD POINT L	TOTAL SLIP C	TUBE SIZE & PART No.	COMMENTS
6-587-551180800	120.00-44 4.724	385.00 15.157	100.00 3.937	168-8X7-3MM 6.646 x 0.287	REPLACEMENT COVER TUBE 6-390-600900000
6-587-557080250	127.00-48 5.000	430.00 16.929	100.00 3.937	168-8X7-3MM 6.646 x 0.287	RILSAN SPLINE
6-587-551180851	120.00-44 4.724	385.00 15.157	100.00 3.937	167-7X9-8MM 6.606 x 0.386	NEW SPEC

GREASE NIPPLE & RELIEF VALVE PART No. - 1-000-008601125



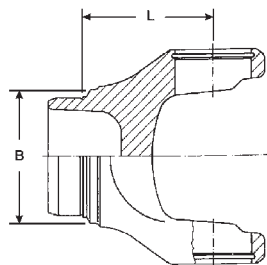
587.55 SPLINE COVER TUBE

PART No.	LENGTH L	SEAL DIA. A	TUBE OD C	TUBE ID B	COMMENTS
6-390-600900000	130.00 5.118	130.00 5.118	153.00 6.024	139.70 5.500	

Note: All dimensions are nominal for identification purposes only.

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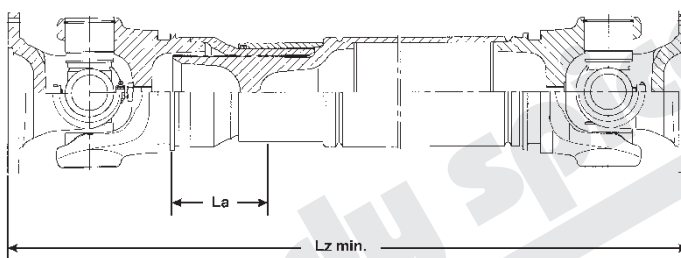
GWB 587.55



587.55

WELD YOKE

WELD YOKE PART No.	C/LINE TO POINT OF WELD L	MAX. ANGLE	TUBE SIZE & PART No. B	COMMENTS
2-587-554200000	155.00 6.102	20°	168-8X7-3MM 6.646 x 0.287	
2-587-5542AU000	150.00 5.906	20°	168-8X7-3MM 6.646 x 0.287	
2-587-554200170	155.00 6.102	20°	167-7X9-8MM 6.606 x 0.386	
2-587-554200100#	155.00 6.102	20°	162X9-85MM* 6.378 x 0.388	



587.55

TUBULAR TYPE ASSEMBLY CHART

FLANGE YOKE PART No.	U.J. PART No.	SLIP STUB ASSEMBLY PART No.	FLANGE TO FLANGE CLOSED Lz min.	TOTAL SLIP La	TUBE SIZE & PART No.	WELD YOKE PART No.	MAX. STATIC ANGLE
2-587-552500000	K5-A708	6-587-551180800	840.00 33.071	100.00 3.937	168-8X7-3MM 6.646 x 0.287	2-587-554200000	20°
2-587-552500000	K5-A708	6-587-551180851	840.00 33.071	100.00 3.937	168-8X9-8MM 6.646 x 0.386	2-587-554200170	20°

MORE FLANGE YOKE COMBINATIONS ARE AVAILABLE
PLEASE SEE FLANGE YOKE SECTION

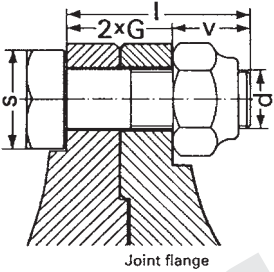
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GWB 587.55



587.55 FLANGE BOLT & NUT SET

PART No	d	G	I	V	S	TIGHTENING TORQUE	No. OF PIECES	SUITS FLANGE
6-190-550200020	M18	18	60	24	27	405 Nm 298.673 ft/lbs	16	Ø250
6-190-550200230	M18	18	60	24	27	405 Nm 298.673 ft/lbs	16	Ø250 INCL DOWEL PINS
6-190-600200020	M20	20	64	24	30	580 Nm 427.728 ft/lbs	16	Ø285

Note: All dimensions are nominal for identification purposes only.

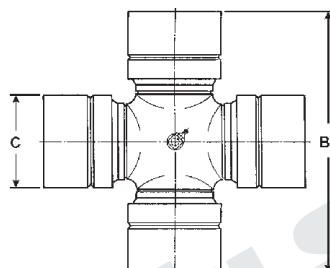
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GWB 687.15

NOTE: Replaces 287.10 Series

C = 27.00
1.063
B1 = 74.50
2.933



687.15 UNIVERSAL JOINT KIT

PART No.	LUBE	DESCRIPTION
K5-A727	CENTRE	STANDARD
K5-A727SF	NONE	SERVICE FREE
K5-A727-4X	CAP	4 X LUBE IN CAP

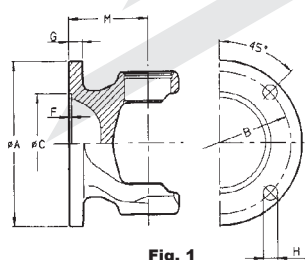


Fig. 1

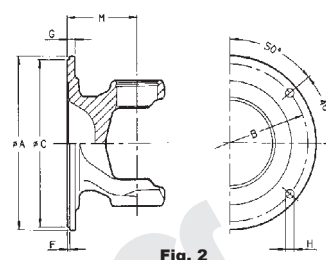
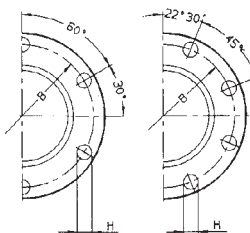


Fig. 2

687.15 FLANGE YOKE

FLANGE YOKE PART No.	FIG	FLANGE DIA. A	C/L OF U.J. TO FACE M	SPIGOT DIA. C	P.C.D. B	No. HOLES	HOLE DIA. H	MAX. ANGLE	COMMENTS
2-687-152700060	1	90.00 3.543	50.00 1.969	47.00 1.850	74.50 2.933	4	8.25 0.325	35°	90mm
2-687-152700010#	1	100.00 3.937	54.00 2.126	57.00 2.244	84.00 3.307	6	8.25 0.325	35°	100mm
2-687-152000000	1	100.00 3.937	48.00 1.890	57.00 2.244	84.00 3.307	6	8.25 0.325	25°	100mm
2-687-152300000#	1	120.00 4.724	43.00 1.693	75.00 2.953	101.50 3.996	8	10.25 0.404	25°	120mm
2-687-152400070#	2	87.30 3.437	43.00 1.693	57.10 2.249	69.80 2.748	4	8.250 0.325	25°	1140 SPICER
2-687-152400000#	2	96.80 3.811	43.00 1.693	60.3 2.374	79.30 3.122	4	10.25 0.404	25°	1310 SPICER
2-687-152400060#	2	115.90 4.563	43.00 1.693	69.80 2.749	95.30 3.752	4	12.25 0.482	25°	1410 SPICER

Note: All dimensions are nominal for identification purposes only.

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GWB 687.15

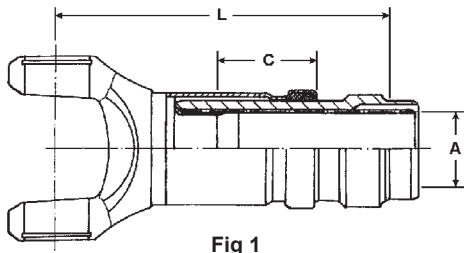


Fig 1

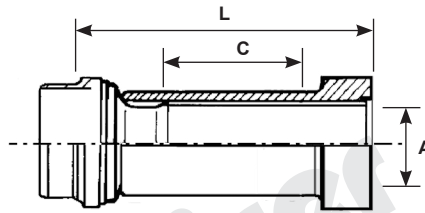


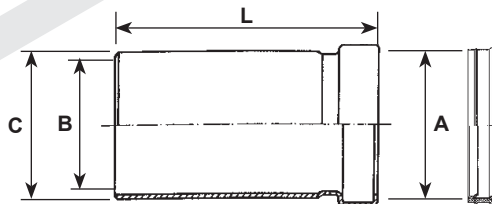
Fig 2

687.15

SLIP ASSEMBLY

SLIP ASSEMBLY PART No.	INVOLUTE SPLINE O.D. & No. A	C/L OF UJ TO WELD POINT L	TOTAL SLIP C	TUBE SIZE & PART No.	COMMENTS
6-687-157080200	36.00-22 1.471	175.00 6.890	60.00 2.362	2013-0000 63.5 x 2.4mm	COVER TUBE ASSY 6-687-150900000
6-687-151282190 REFER Fig 2	36.00-22 1.471	170.00 ^ 6.693	90.00 3.543	2013-0000 63.5 x 2.4mm	FOR DOUBLE CARDAN SHAFTS STUB SHAFT & SLEEVE ONLY

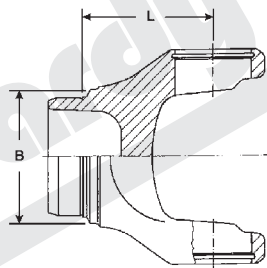
^ MEASUREMENT IS FROM WELD POINT TO WELD POINT



687.15

SPLINE COVER TUBE

PART No.	LENGTH L	SEAL DIA. A	TUBE OD C	TUBE ID B	COMMENTS
6-687-150900000	114.00 4.488	45.60 1.795	50.80 2.000	47.50 1.870	



687.15

WELD YOKE

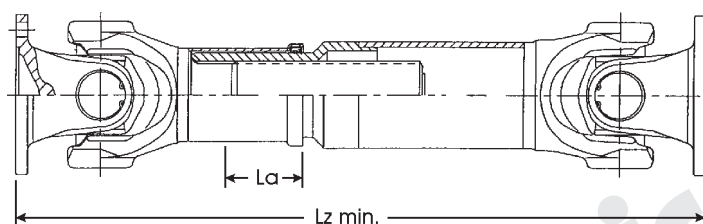
WELD YOKE PART No.	C/LINE TO POINT OF WELD L	MAX. ANGLE	TUBE SIZE & PART No. B	COMMENTS
MB-26-727	45.00 1.772		2016-0000 63.5 x 1.65mm	
2-687-154000000	50.00 1.696	25°	2013-0000 63.5 x 2.4mm	

Note: All dimensions are nominal for identification purposes only.

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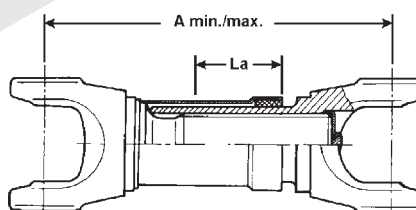
GWB 687.15



687.15 TUBULAR TYPE ASSEMBLY CHART

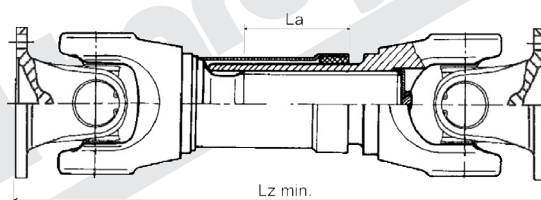
FLANGE YOE PART No.	U.J. PART No.	SLIP STUB ASSEMBLY PART No.	FLANGE TO FLANGE CLOSED Lz min.	TOTAL SLIP La	TUBE SIZE & PART No.	WELD YOE PART No.	MAX. STATIC ANGLE
2-687-152000000	K5-A727	6-687-157080200	346.00 13.622	60.00 2.362	2013-0000 63.5 x 2.4mm	2-687-154000000	25°

MORE FLANGE YOE COMBINATIONS ARE AVAILABLE
PLEASE SEE FLANGE YOE SECTION



687.15 SHORT COUPLED ASSY CHART

U.J. PART No.	SLIP YOE & YOE SHAFT PART No.	C/L U.J. TO C/L U.J. CLOSED max/min A	TOTAL SLIP min/max La	DUST COVER PART No.	MAX STATIC ANGLE	COMMENTS
K5-A727	6-687-157030000	184 / 144 7.24 / 5.67	60 / 25 2.36 / 0.98	6-687-150900000	25°	ORDER COVER TUBE SEPARATELY



687.15 SHORT COUPLED ASSEMBLY

U.J. PART No.	SLIP YOE & YOE SHAFT PART No.	FLANGE TO FLANGE CLOSED max/min A	TOTAL SLIP max/min La	DUST COVER PART No.	FLANGES
K5-A727	9-687-159300000	284 / 244 11.18 / 9.61	60 / 25 2.36 / 0.98	6-687-150900000	2-687-152700060 (90mm x 8mmØ x 4 Holes)

INDENT ONLY

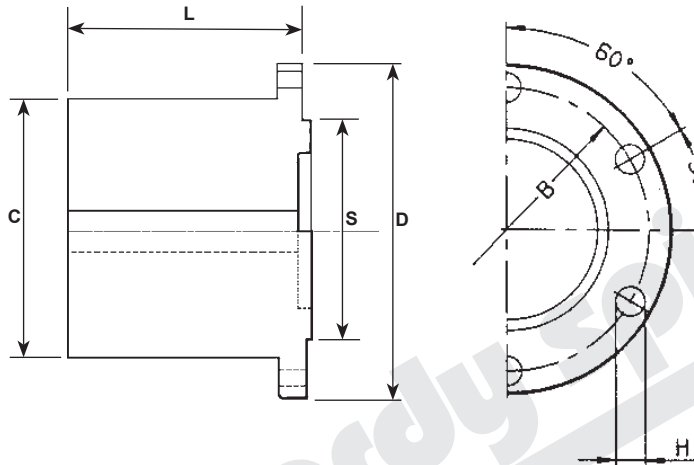
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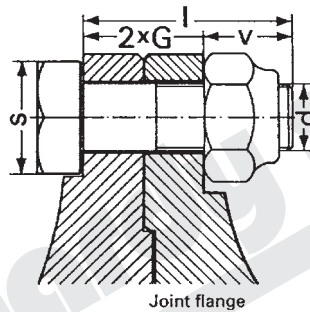


687.15

COMPANION FLANGE

CIRCULAR TYPE - ROUND HOLE

PART No.	BORE DIA.	HUB O.D.	FLANGE FACE TO END OF HUB L	MAX BORE WITH STD KEY	BOLT HOLE DIA. & No. H	P.C.D. B	SPIGOT DIA. S	FLANGE O.D. D	COMMENTS
<i>DIN-1-10068</i>	10.00 0.394	69.50 2.736	110.00 4.331	45.00 1.772	8.1 x 6 0.315	84.00 3.307	M-57.00 M-2.244	100.00 3.937	



687.15

FLANGE BOLT & NUT SET

PART No	d	G	l	V	S	TIGHTENING TORQUE	No. OF PIECES	SUITS FLANGE
6-187-000200020	M8	7	23	11	13	35 Nm 25.811 ft/lbs	8	Ø90
6-287-100200020	M8	7	23	9	13	35 Nm 25.811 ft/lbs	12	Ø100

Note: All dimensions are nominal for identification purposes only.

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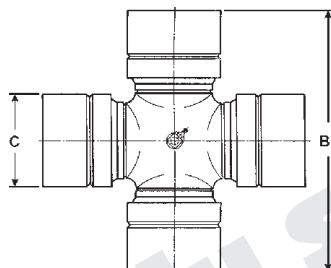
NOTE: Replaces 287.20 Series

C = 30.20

1.189

B1 = 81.80

3.220



687.20

UNIVERSAL JOINT KIT

PART No.	LUBE	DESCRIPTION
K5-A728	CENTRE	STANDARD
K5-A728W	CENTRE	AFTERMARKET
K5-A728SF	NIL	SERVICE FREE
K5-A728-4X	CAP	4 x LUBED IN CAP

Note: All dimensions are nominal for identification purposes only.

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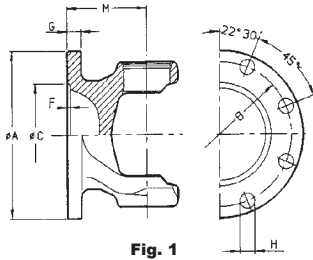


Fig. 1

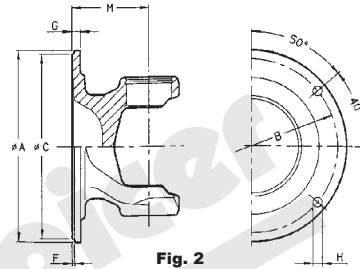


Fig. 2

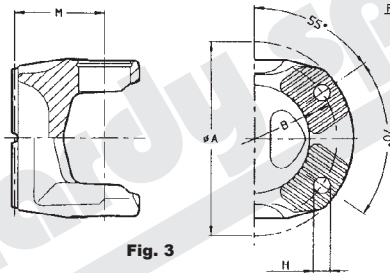


Fig. 3

687.20

FLANGE YOKE

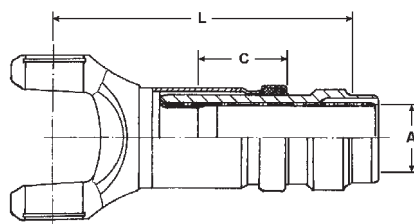
FLANGE YOKE PART No.	FIG	FLANGE DIA. A	C/L OF U.J. TO FACE M	SPIGOT DIA. C	P.C.D. B	No. HOLES	HOLE DIA. H	MAX. ANGLE	COMMENTS
2-687-202000070	1	100.00 3.937	54.00 2.126	57.00 2.244	84.00 3.307	6	8.25 0.325	25°	100mm
2-687-202000000	1	120.00 4.724	54.00 2.126	75.00 2.953	101.50 3.9936	8	10.25 0.404	25°	120mm
2-687-2020AU120	1	120.00 4.724	54.00 2.126	75.00 2.953	101.50 3.9936	8	10.25 0.404	25°	120mm ALTERNATE
3-687-202000000	1	120.00 4.724	54.00 2.126	75.00 2.953		N/A		25°	120mm SEMI FINISHED
MB-2-728-3	1	100.00 3.937	58.00 2.283	57.00 2.244	84.00 3.307	8	8.00 0.315		MERCEDES G-WAGEN
MB-2-728	1	120.00 4.724	54.00 2.216	57.00 2.244	101.50 3.996	4	10.00 0.394		MERCEDES SPRINTER
MB-2-728-2	1	120.00 4.724	58.00 2.283	57.00 2.244	101.50 3.996	4	10.00 0.394		MERCEDES VITO
MB-2-728-1	1	132.00 5.197	44.50 1.752	67.00 2.638	112.00 4.409	4	10.00 0.394		MERCEDES SPRINTER
MB-2-728-4	1	146.00 5.748	58.00 2.283	67.00 2.638	120.00 4.725	4	12.20 0.480		MERCEDES SPRINTER
2-687-202400020	2	96.82 3.812	58.00 2.283	60.33 (M) 2.375	79.38 3.125	4	10.20 0.402	25°	1310 SPICER
2-687-202400011#	2	115.90 4.563	40.00 1.575	69.80 (M) 2.749	95.30 3.752	4	11.10 0.437	25°	1410 SPICER 11mm BOLT HOLES
2-687-202400000	2	115.90 4.563	48.00 1.890	69.80 (M) 2.749	95.30 3.752	4	12.25 0.482	25°	1410 SPICER 12mm BOLT HOLES
2-687-2020AU153	2	120.00 4.724	58.00 2.283	63.25 (M) 2.490	98.00 3.858	4	10.20 0.402	25°	VW AMAROK
2-687-202000500#	3	120.00 4.724	54.00 2.126	N/A	100.00 3.937	4	11.10 0.437	25°	KV 70°

Note: All dimensions are nominal for identification purposes only.

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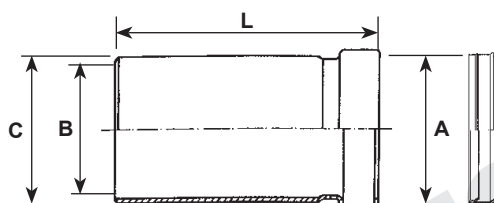
GWB 687.20



687.20

SLIP ASSEMBLY

SLIP ASSEMBLY PART No.	INVOLUTE SPLINE O.D. & No. A	C/L OF UJ TO WELD POINT L	TOTAL SLIP C	TUBE SIZE & PART No.	COMMENTS
6-687-207080250	38.00-18 1.496	220.00 8.661	90.00 3.543	2013-0000 63.5 x 2.4mm	
6-687-207080200	40.00-24 1.575	223.00 8.779	100.00 3.937	2413-0000 76.2 x 2.4mm	GWB COVER TUBE ASSY 6-687-200900000
6-687-2070AU820	38.00-18 1.496	200.50 7.894	80.00 3.150	2413-0000 76.2 x 2.4mm	ALTERNATE



687.20

SPLINE COVER TUBE

PART No.	LENGTH L	SEAL DIA. A	TUBE OD C	TUBE ID B	COMMENTS
6-687-200900000	125.00 4.921	50.80 2.000	63.50 2.500	60.20 2.370	

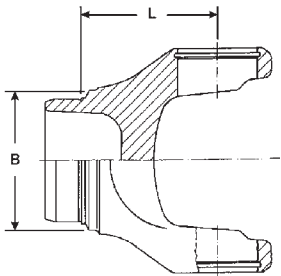
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687.20 WELD YOKE

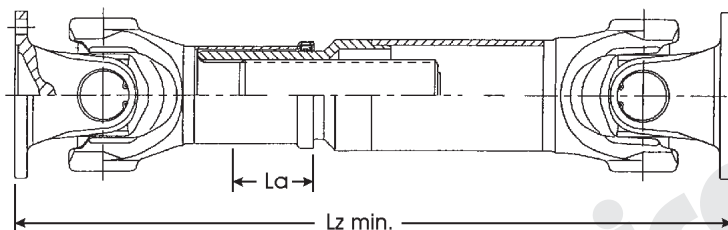
WELD YOKE PART No.	C/LINE TO POINT OF WELD L	MAX. ANGLE	TUBE SIZE & PART No. B	COMMENTS
MB-26-728	58.50 2.303		2013-0000 63.5 x 2.4mm	
2-687-204000250	58.00 2.283	25°	2013-0000 63.5 x 2.4mm	
2-687-204000000	53.00 2.087	25°	2413-0000 76.2 x 2.4mm	GWB
2-687-2040AU000	53.00 2.087	25°	2413-0000 76.2 x 2.4mm	ALTERNATE
2-687-204000040#	53.00 2.087	25°	2813-0000 88.9 x 2.4mm	

Note: All dimensions are nominal for identification purposes only.

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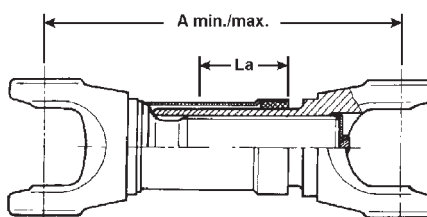
GWB 687.20



687.20 TUBULAR TYPE ASSEMBLY CHART

FLANGE YOKE PART No.	U.J. PART No.	SLIP STUB ASSEMBLY PART No.	FLANGE TO FLANGE CLOSED Lz min.	TOTAL SLIP La	TUBE SIZE & PART No.	WELD YOKE PART No.	MAX. STATIC ANGLE
2-687-202000000	K5-A728	6-687-207080200	409.00 16.102	100.00 3.937	2413-0000 76.2 x 2.4mm	2-687-204000000	25°

MORE FLANGE YOKE COMBINATIONS ARE AVAILABLE
PLEASE SEE FLANGE YOKE SECTION



687.20 SHORT COUPLED ASSY CHART

U.J. PART No.	SLIP YOKE & YOKE SHAFT PART No.	C/L U.J. TO C/L U.J. CLOSED max/min A	TOTAL SLIP min/max La	DUST COVER PART No.	MAX STATIC ANGLE	COMMENTS
K5-A728	6-687-207030000	209 / 168 8.23 / 6.61	70 / 29 2.76 / 1.14	6-687-200900000	25°	ORDER COVER TUBE SEPARATELY

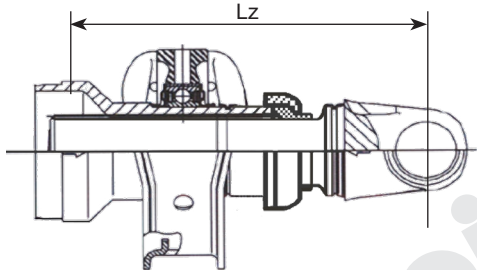
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687.20

MIDSHIP SLIP ASSY INCL BEARING

MIDSHIP ASSY PART No.	SPLINE O.D. & No.	LENGTH CENTRE TO WELD Lz	TOTAL SLIP La	BRG ID	CENTRE BEARING ASSY PART No.	SUIT U.J.	TUBE SIZE & PART No.	COMMENTS
MB-83-728	38.00-18 1.496	215.00 8.465	80.00 3.150	45.00 1.772	MB-30-9025	K5-A728	2413-0000 3.000 x 0.095	BRG BOLTS 194mm C-C
MB-83-728-1	38.00-18 1.496	215.00 8.465	80.00 3.150	47.00 1.850	MB-30-9223	K5-A728	2413-0000 3.000 x 0.095	BRG BOLTS 194mm C-C
6-687-207180190	40.00-24 1.575	209.00 8.228	90.00 3.543	45.00 1.772	68720-30-9034	K5-A728	2413-0000 3.000 x 0.095	BRG BOLTS 168mm C-C

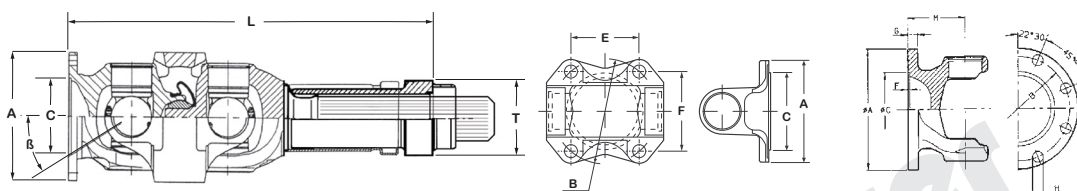
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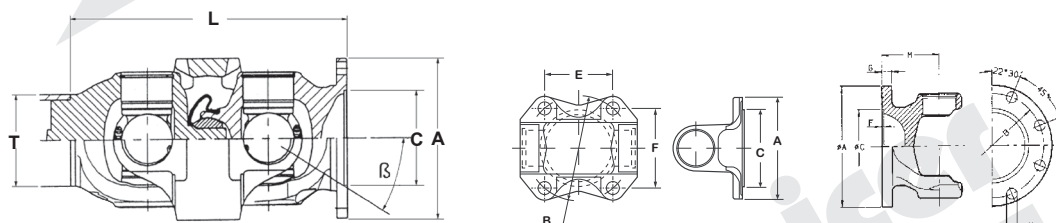
GWB 687.20



687.20 SLIDING DOUBLE CARDAN ASSEMBLY

ASSEMBLY PART No.	LENGTH FL-WELD CLOSED L	FLANGE O.D. A	FLANGE PCD B	SPIGOT DIA. C	BOLT HOLE PATTERN E x F	BOLT HOLES H	TUBE SIZE & PART No. T	APPLICATION
9-687-200578200#	335.00 13.189	97.00 3.819	79.35 3.124	60.32-M 2.375	51.00 x 60.80 2.008 x 2.394	10.20 x 4 0.402	2013-0000 2.500 x 0.095	DEFENDER 1310 FACE
9-687-200578201	335.00 13.189	116.00 4.567	95.30 3.752	69.85-M 2.750	61.25 x 73.00 2.411 x 2.874	12.20 x 4 0.480	2013-0000 2.500 x 0.095	1410 SERIES FACE
9-687-200578403	335.00 13.189	100.00 3.937	84.00 3.307	57.00-F 2.244	EQUALLY SPACED	8.20 x 8 0.323	2013-0000 2.500 x 0.095	MERC G CLASS
9-687-200578103	335.00 13.189	100.00 3.937	84.00 3.307	57.00-F 2.244	EQUALLY SPACED	8.20 x 8 0.323	2013-0000 2.500 x 0.095	MERC G CLASS GREASEABLE

Maximum static angle $\beta = 42^\circ$



687.20 DOUBLE CARDAN ASSEMBLY

ASSEMBLY PART No.	LENGTH FL-WELD L	FLANGE O.D. A	FLANGE PCD B	SPIGOT DIA. C	BOLT HOLE PATTERN E x F	BOLT HOLES H	TUBE SIZE & PART No. T	APPLICATION
9-687-200581110#	181.50 7.146	132.00 5.197	104.65 4.120	60.00-M 2.362	74.00 x 74.00 2.913 x 2.913	10.20 x 4 0.402	2013-0000 2.500 x 0.095	ISUZU GREASEABLE
9-687-200560200	183.00 7.205	97.00 3.819	79.35 3.124	60.32-M 2.375	51.00 x 60.80 2.008 x 2.394	10.20 x 4 0.402	2013-0000 2.500 x 0.095	DEFENDER 1310 FACE
9-687-200560101	183.00 7.205	120.00 4.724	95.00 3.740	65.00-M 2.559	67.20 x 67.20 2.646 x 2.646	10.20 x 4 0.402	2013-0000 2.500 x 0.095	DISCOVERY
9-687-200560201	183.00 7.205	116.00 4.567	95.30 3.752	69.85-M 2.750	61.25 x 73.00 2.411 x 2.874	12.20 x 4 0.480	2013-0000 2.500 x 0.095	1410 FACE
9-687-200560403	183.00 7.205	100.00 3.937	84.00 3.307	57.00-F 2.244	EQUALLY SPACED	8.20 x 8 0.323	2013-0000 2.500 x 0.095	MERC G CLASS
9-687-200560103	183.00 7.205	100.00 3.937	84.00 3.307	57.00-F 2.244	EQUALLY SPACED	8.20 x 8 0.323	2013-0000 2.500 x 0.095	MERC G CLASS GREASEABLE

Maximum static angle $\beta = 42^\circ$

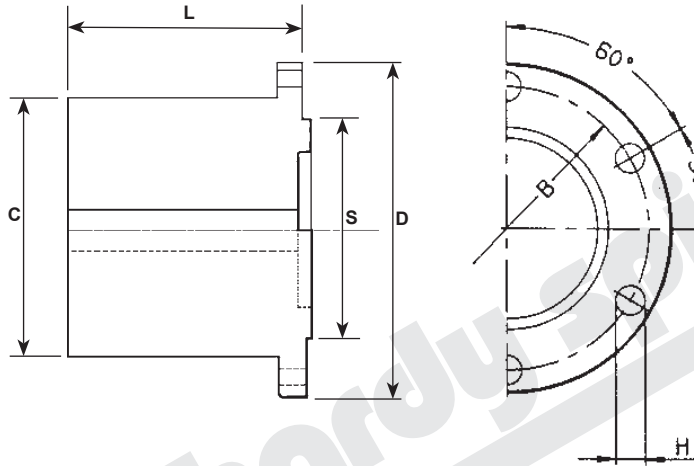
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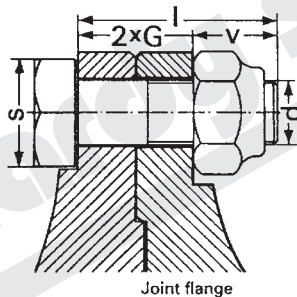


687.20

COMPANION FLANGE

CIRCULAR TYPE - ROUND HOLE

PART No.	BORE DIA.	HUB O.D.	FLANGE FACE TO END OF HUB L	MAX BORE WITH STD KEY	BOLT HOLE DIA. & No. H	P.C.D. B	SPIGOT DIA. S	FLANGE O.D. D	COMMENTS
DIN-1-10068	10.00 0.394	69.50 2.736	110.00 4.331	45.00 1.772	8.1 x 6 0.315	84.00 3.307	M-57.00 M-2.244	100.00 3.937	
DIN-1-120810	12.00 0.472	84.00 3.307	130.00 5.118	55.00 2.165	10.1 x 8 0.397	101.5 3.996	M-75.00 M-2.953	120.00 4.724	



Joint flange

687.20

FLANGE BOLT & NUT SET

PART No	d	G	I	V	S	TIGHTENING TORQUE	No. OF PIECES	SUITS FLANGE
6-287-100200020	M8	7	23	9	13	35 Nm 25.813 ft/lbs	12	Ø100
6-187-300200020	M10	8	31	15	17	69 Nm 50.885 ft/lbs	16	Ø120

Note: All dimensions are nominal for identification purposes only.

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B:6-76

Hardy Spicer Driveshaft Components Catalogue

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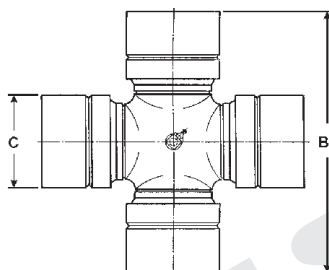
Note: Replaces 587.10 Series

C = 34.90

1.374

B1 = 92.00

3.622



687.25

UNIVERSAL JOINT KIT

PART No.	LUBE	DESCRIPTION
K5-A729	CENTRE	STANDARD
K5-A729SF#	NONE	SERVICE FREE

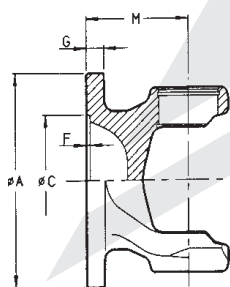


Fig. 1

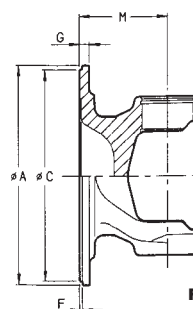
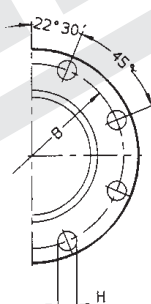


Fig. 2

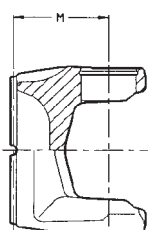
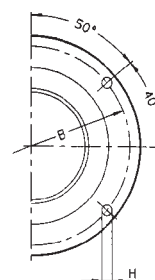
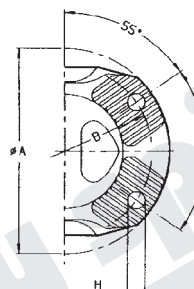


Fig. 3



687.25

FLANGE YOKE

FLANGE YOKE PART No.	FIG	FLANGE DIA. A	C/L OF U.J. TO FACE M	SPIGOT DIA. C	P.C.D. B	No. HOLES	HOLE DIA. H	MAX. ANGLE	COMMENTS
2-687-252700000	1	120.00 4.724	70.00 2.756	75.00 2.953	101.50 3.996	8	10.25 0.404	35°	120mm
2-687-252300000	1	150.00 5.906	60.00 2.362	90.00 3.453	130.00 5.118	8	12.25 0.482	25°	150mm
2-687-252400070	2	149.20 5.874	60.00 2.362	95.20 (M) 3.750	120.70 4.750	4	12.70 0.500	25°	1510 SPICER
2-687-252000510#	3	120.00 4.724	60.00 2.362	N/A	100.00 3.937	4	11.10 0.437	25°	KV 70°
3-687-252700000	1	120.00 4.724	70.00 2.756	75.00 2.953	N/A	N/A	N/A	35°	SEMI FINISHED 120mm
3-687-252300000	1	150.00 5.906	60.00 2.362	90.00 3.453	N/A	N/A	N/A		SEMI FINISHED 150mm

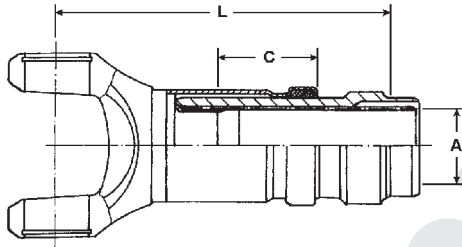
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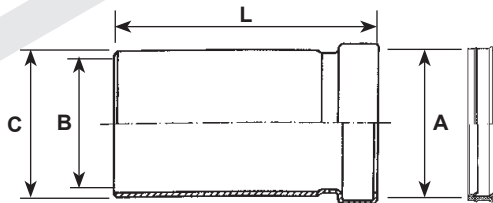
GWB 687.25



687.25

SLIP ASSEMBLY

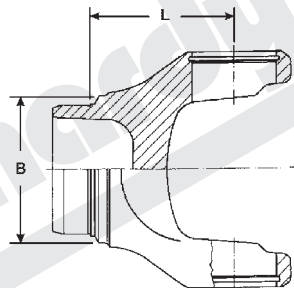
SLIP ASSEMBLY PART No.	INVOLUTE SPLINE O.D. & No. A	C/L OF UJ TO WELD POINT L	TOTAL SLIP C	TUBE SIZE & PART No.	COMMENTS
6-687-257080200	45.00-28 1.772	232.00 9.134	100.00 3.937	2813-0000 89.0 x 2.4mm	COVER TUBE ASSY 6-687-250900000
6-687-257780200#	45.00-28 1.772	282.00 11.102	145.00 5.709	2813-0000 89.0 x 2.4mm	35° LONG SLIP



687.25

SPLINE COVER TUBE

PART No.	LENGTH L	SEAL DIA. A	TUBE OD C	TUBE ID B	COMMENTS
6-687-250900000	125.00 4.921	56.00 2.205	63.50 2.500	60.20 2.370	



687.25

WELD YOKE

WELD YOKE PART No.	C/LINE TO POINT OF WELD L	MAX. ANGLE	TUBE SIZE & PART No. B	COMMENTS
2-687-254000040	56.00 2.205	35°	2813-0000 89.0 x 2.4mm	

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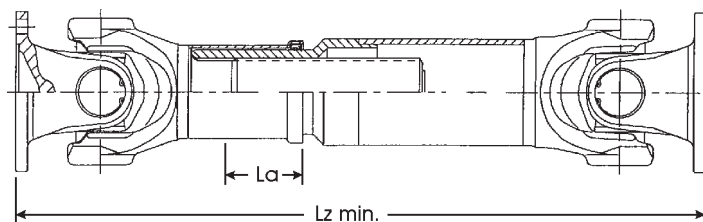
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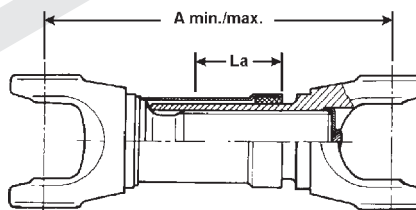


687.25

TUBULAR TYPE ASSEMBLY CHART

FLANGE YOE PART No.	U.J. PART No.	SLIP STUB ASSEMBLY PART No.	FLANGE TO FLANGE CLOSED Lz min.	TOTAL SLIP La	TUBE SIZE & PART No.	WELD YOE PART No.	MAX. STATIC ANGLE
2-687-252300000 DIN 150	K5-A729	6-687-257080200	438.00 17.244	100.00 3.937	2813-0000 89.0 x 2.4mm	2-687-254000040	25°
2-687-252700000 DIN 120	K5-A729	6-687-257080200	458.00 18.031	100.00 3.937	2813-0000 89.0 x 2.4mm	2-687-254000040	25°

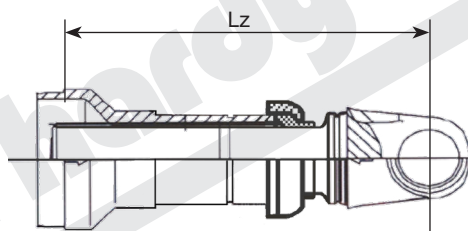
MORE FLANGE YOE COMBINATIONS ARE AVAILABLE
PLEASE SEE FLANGE YOE SECTION



687.25

SHORT COUPLED ASSY CHART

U.J. PART No.	SLIP YOE & YOE SHAFT PART No.	C/L U.J. TO C/L U.J. CLOSED max/min A	TOTAL SLIP min/max La	DUST COVER PART No.	MAX STATIC ANGLE	COMMENTS
K5-A729	6-687-257030000	215 / 175 8.46 / 6.89	70 / 30 2.76 / 1.18	6-687-250900000	25°	ORDER COVER TUBE SEPARATELY



687.25

MIDSHIP SLIP ASSY INCL BEARING

MIDSHIP ASSY PART No.	SPLINE O.D. & No.	LENGTH CENTRE TO WELD Lz	TOTAL SLIP La	BRG ID	CENTRE BEARING ASSY PART No. TO SUIT	SUIT U.J.	TUBE SIZE & PART No.	COMMENTS
6-687-257180099#	45.00-28 1.772	253.00 9.961	100.00 3.937	55.00 2.165	6-613-550199000 ¥	K5-A729	2813-0000 3.500 x 0.095	BEARING NOT INCL.

¥ ORDER BEARING 6-613-550199000 SEPARATELY.

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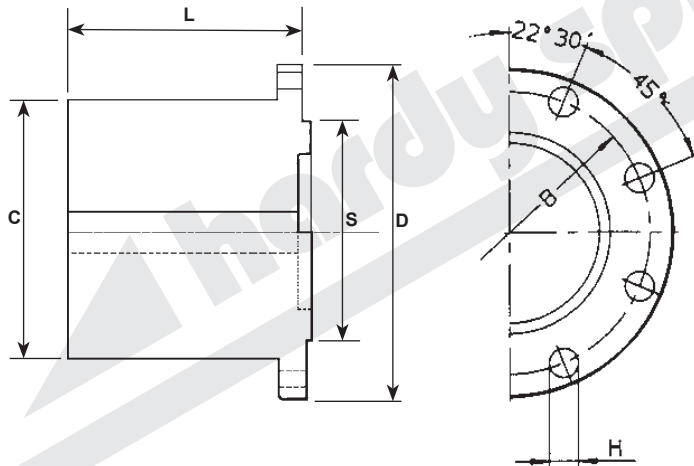
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CENTRE BEARINGS

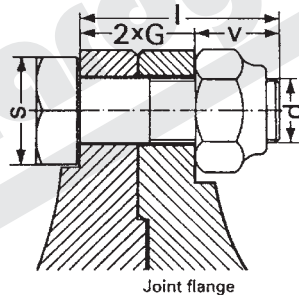
Hardy Spicer Part No.	Description	Rubber Cushion	Centre Height	Bearing Width	Bearing ID	Bolt Hole Centres
6-613-550199000	Reverse Slip Style 		71.5mm	18mm	55mm	168mm



687.25

COMPANION FLANGE

CIRCULAR TYPE - ROUND HOLE									
PART No.	BORE DIA.	HUB O.D.	FLANGE FACE TO END OF HUB	MAX BORE WITH STD KEY	BOLT HOLE DIA. & No.	P.C.D.	SPIGOT DIA.	FLANGE O.D.	COMMENTS
		C	L		H	B	S	D	
DIN-1-120810	12.00 0.472	84.00 3.307	130.00 5.118	55.00 2.165	10.1 x 8 0.397	101.5 3.996	M-75.00 M-2.953	120.00 4.724	
DIN-1-150812	20.00 0.787	110.30 4.343	150.00 5.906	75.00 2.953	12.1 x 8 0.476	130.0 5.118	M-90.00 M-3.543	150.00 5.906	



687.25

FLANGE BOLT & NUT SET

PART No	d	G	I	V	S	TIGHTENING TORQUE	No. OF PIECES	SUITS FLANGE
6-187-300200020	M10	8	31	15	17	69 Nm 50.885 ft/lbs	16	Ø120
6-687-350200040	M10	14/10	40	16	17	62 Nm 45.729 ft/lbs	8	XS120
6-187-400200020	M12	9	33	15	19	120 Nm 88.0496 ft/lbs	16	Ø150

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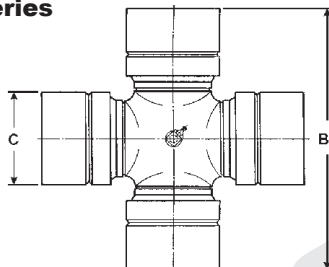
NOTE: Replaces 587.15 Series

C = 34.90

1.374

B1 = 106.40

4.189



687.30

UNIVERSAL JOINT KIT

PART No.	LUBE	DESCRIPTION
K5-A730	CENTRE	STANDARD
K5-A730W	CENTRE	AFTERMARKET
K5-A730-4X	CAP	4 x LUBE IN CAP
K5-A730W-4X	CAP	AFTERMARKET 4 x LUBE IN CAP
K5-A730SF	NONE	SERVICE FREE
K5-A730HT#	CENTRE	FOR HIGH TEMPERATURE APPLICATIONS

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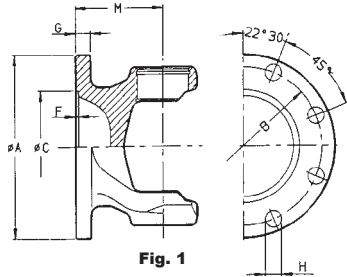


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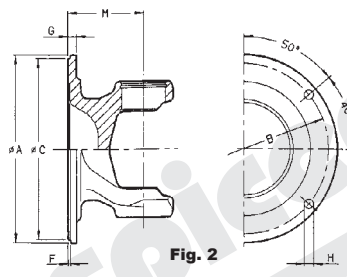


Fig. 2

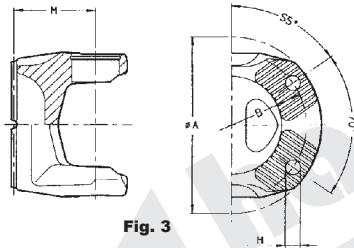


Fig. 3

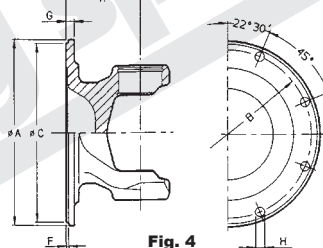


Fig. 4

687.30

FLANGE YOKE

FLANGE YOKE PART No.	FIG	FLANGE DIA. A	C/L OF UJ TO FACE M	SPIGOT DIA. C	P.C.D. B	No. HOLES	HOLE DIA. H	MAX. ANGLE	COMMENTS
2-687-302700000	1	120.00 4.724	72.00 2.835	75.00 2.953	101.50 3.996	8	10.2 0.404	35°	120mm
2-687-302800000	1	150.00 5.906	78.00 3.071	90.00 3.543	130.00 5.118	8	12.2 0.482	35°	150mm
2-687-302300000#	1	150.00 5.906	63.50 2.500	90.00 3.543	130.00 5.118	8	12.2 0.482	25°	150mm
3-687-302700000	1	120.00 4.724	72.00 2.835	75.00 2.953	-	-	-	35°	UNDRILLED
3-687-302800000	1	150.00 5.906	78.00 3.071	90.00 3.543	-	-	-	35°	UNDRILLED
3-2-104	2	116.00 4.567	60.30 2.375	69.85 2.750	95.25 3.750	4	12.2 0.438	25°	1410 SPICER
2-687-302400100	2	149.20 5.874	78.00 3.071	95.20 3.750	120.70 4.750	4	12.7 0.500	35°	1510 SPICER
2-687-302400080	2	149.20 5.874	78.00 3.071	95.20 3.750	120.70 4.750	4	14.25 0.561	35°	1510 SPICER 14.25mm HOLES
2-687-302000570	3	120.00 4.724	63.50 2.500	N/A	100.00 3.937	4	11.1 0.437	25°	KV 70° 120mm
2-687-3020AU570	3	120.00 4.724	63.50 2.500	N/A	100.00 3.937	4	11.1 0.437	25°	KV 70° 120mm ALTERNATE
2-687-302000560	3	152.00 5.984	65.00 2.559	N/A	130.00 5.118	4	13.0 0.512	25°	KV 70° 152mm
2-687-302417100#	4	130.00 5.118	72.00 2.835	82.50 3.248	112.00 4.409	8	10.2 0.404	35°	MERCEDES
2-687-302400150	4	174.60 5.874	60.00 3.071	168.30 3.750	155.60 4.750	8	10.1 0.561	25°	1610 SPICER

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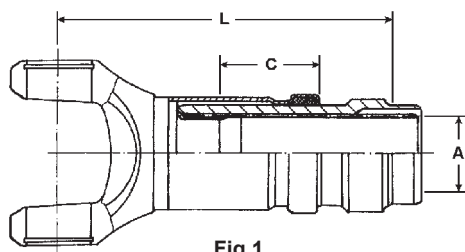


Fig 1

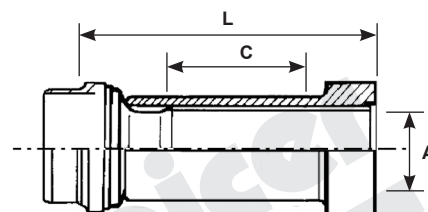


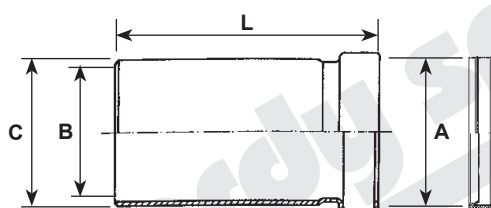
Fig 2

687.30

SLIP ASSEMBLY

SLIP ASSEMBLY PART No.	INVOLUTE SPLINE O.D. & No. A	C/L OF UJ TO WELD POINT L	TOTAL SLIP C	TUBE SIZE & PART No.	COMMENTS
6-687-307080113	48.00-30 1.890	247.00 9.724	110.00 4.381	90X3MM 3.543 x 0.118	COVER TUBE ASSY 6-687-300900110
6-687-3070AU113	48.00-30 1.890	245.00 9.646	110.00 4.381	90X3MM 3.543 x 0.118	ALTERNATE
6-687-307780200	48.00-30 1.890	298.00 11.732	155.00 6.102	80X3-1/2MM 3.149 x 0.137	35° WIDE ANGLE SLIP ASSY 6-687-300900200# COVER
6-687-301182001 REFER Fig 2	48.00-30 1.890	309.00 ^ 12.165	190.00 7.480	90X3MM 3.543 x 0.118	FOR DOUBLE CARDAN SHAFTS STUB SHAFT & SLEEVE COVER TUBE 6-587-200900210

^ MEASUREMENT IS FROM WELD POINT TO WELD POINT



687.30

SPLINE COVER TUBE

PART No.	LENGTH L	SEAL DIA. A	TUBE OD C	TUBE ID B	COMMENTS
6-687-300900110	135.00 5.315	60.50 2.382	69.80 2.748	66.10 2.602	
6-587-200900210	210.00 8.268	70.00 2.756	78.00 3.071	72.00 2.835	SUIT DOUBLE CARDAN SHAFTS

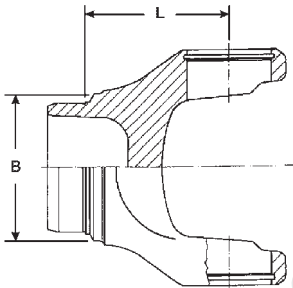
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WELD YOKE

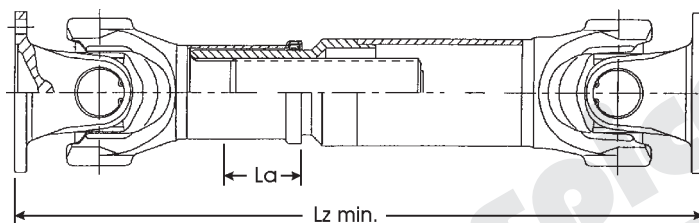
WELD YOKE PART No.	C/LINE TO POINT OF WELD L	MAX. ANGLE	TUBE SIZE & PART No. B	COMMENTS
2-687-304000040	65.00 2.559	25°	90X3MM 3.543 x 0.118	
2-687-3040AU040	65.00 2.559	25°	90X3MM 3.543 x 0.118	ALTERNATE
2-687-304700000	69.00 2.717	35°	80X3.5MM 3.150 x 0.138	
2-687-304000060	65.00 2.559	25°	2413-0000 3.000 x 0.095	

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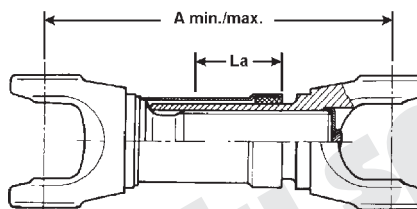


687.30

TUBULAR TYPE ASSEMBLY CHART

FLANGE YOKE PART No.	U.J. PART No.	SLIP STUB ASSEMBLY PART No.	FLANGE TO FLANGE CLOSED Lz min.	TOTAL SLIP La	TUBE SIZE & PART No.	WELD YOKE PART No.	MAX. STATIC ANGLE
2-687-302800000#	K5-A730	6-687-307080113	504.00 19.843	110.00 4.331	90X3MM 3.543 x 0.118	2-687-304000040	25°

MORE FLANGE YOKE COMBINATIONS ARE AVAILABLE
PLEASE SEE FLANGE YOKE SECTION



687.30

SHORT COUPLED ASSY CHART

U.J. PART No.	SLIP YOKE & YOKE SHAFT PART No.	C/L U.J. TO C/L U.J. CLOSED max/min A	TOTAL SLIP min/max La	DUST COVER PART No.	MAX STATIC ANGLE	COMMENTS
K5-A730	6-687-307030000	253 / 187 9.96 / 7.36	95 / 29 3.74 / 1.14	6-687-300900110	25°	ORDER COVER TUBE SEPARATELY
K5-A730	6-687-307030335	325 / 218 12.80 / 8.58	100 / 35 3.937 / 1.38		25°	ORDER COVER TUBE SEPARATELY

Note: All dimensions are
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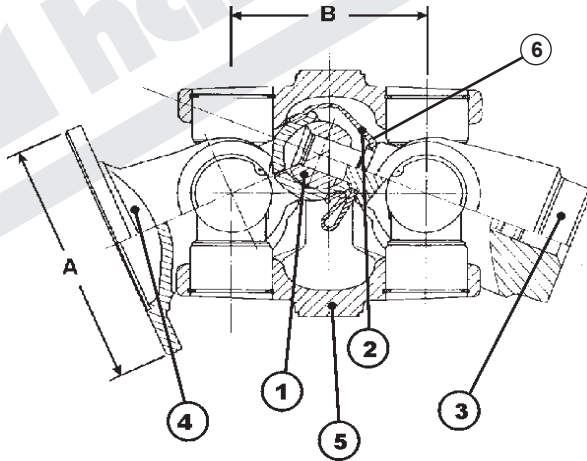
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CENTRE BEARINGS

Hardy Spicer Part No.	Description	Rubber Cushion	Centre Height	Bearing Width	Bearing ID	Bolt Hole Centres
211447X			68.3mm	19mm	45mm	194mm
6-613-600100070	Reverse Slip Style Iveco DAF MAN 		69mm	18mm	60mm	194mm



687.30

DOUBLE CARDAN ASSEMBLY

DOUBLE CARDAN ASSEMBLY PART No.	FLANGE DIA. A	C/LINE TO C/LINE B	FLANGE FACE TO WELD 9.213	TUBE SIZE	MAX. ANGLE	COMMENTS
9-687-300500050	120.00 4.724	102.00 4.016	234.00 9.213	80X3-1/2MM	42°	DIN 120x8x10
9-687-300500070	149.20 5.874	102.00 4.016	234.00 9.213	80X3-1/2MM	42°	1510 SPICER
9-687-300500150	150.00 5.906	102.00 4.016	234.00 9.213	90X3MM	42°	DIN 150x8x12 SERVICE FREE
9-687-300500160	150.00 5.906	102.00 4.016	234.00 9.213	90X3MM	42°	DIN 150x8x12 RELUBE

- ① REPLACEMENT CENTRE BALL PART No. 1-587-205600020
- ② REPLACEMENT CENTRE BOOT PART No. 1-587-204700020
- ③ REPLACEMENT PIN YOKE PART No. 2-687-304000250 (SUIT 80X3.5MM TUBE)
- ③ REPLACEMENT PIN YOKE PART No. 2-687-304000240 (SUIT 90X3MM TUBE)
- ④ REPLACEMENT BALL YOKE PART No. 2-687-302000200 DIN 120x8x10
- ④ REPLACEMENT BALL YOKE PART No. 2-687-302400210 SPICER 1510
- ④ REPLACEMENT BALL YOKE PART No. 2-687-302000210 DIN 150x8x12
- ⑤ REPLACEMENT COUPLING YOKE PART No. 2-687-309500000
- ⑥ BOOT CLIP PART No. 1-000-008403020

Note: All replacements parts are available while stocks last, no longer available as individual parts.

INDENT ONLY

B:6-86

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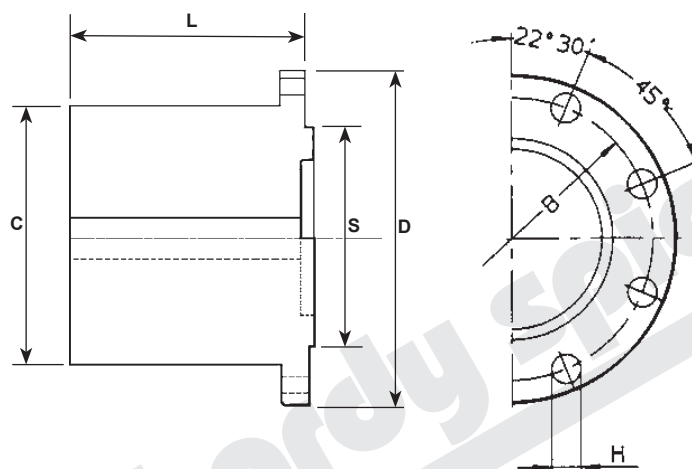
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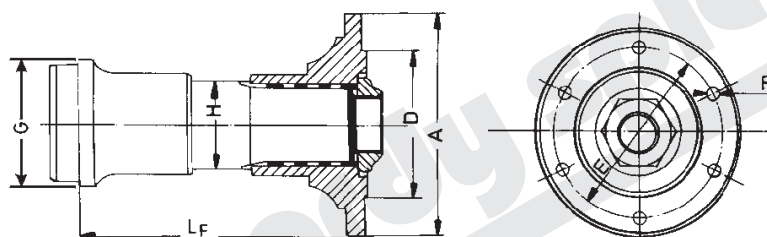


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COMPANION FLANGE

CIRCULAR TYPE - ROUND HOLE

PART No.	BORE DIA.	HUB O.D.	FLANGE FACE TO END OF HUB	MAX BORE WITH STD KEY	BOLT HOLE DIA. & No.	P.C.D.	SPIGOT DIA.	FLANGE O.D.	COMMENTS
		C	L		H	B	S	D	
DIN-1-120810	12.00 0.472	84.00 3.307	130.00 5.118	55.00 2.165	10.1 x 8 0.397	101.5 3.996	M-75.00 M-2.953	120.00 4.724	
DIN-1-150812	20.00 0.787	110.30 4.343	150.00 5.906	75.00 2.953	12.1 x 8 0.476	130.0 5.118	M-90.00 M-3.543	150.00 5.906	



687.30

MIDSHIP STUB & FLANGE

MIDSHIP STUB & FLANGE PART No.	FLANGE DIA.	POINT OF WELD TO FACE	SPIGOT DIA.	P.C.D.	No. HOLES	HOLE DIA.	BEARING I.D.	TUBE SIZE & PART No.	COMMENTS
	A	Lf	D	E		F	H		
6-687-301652120	120.00 4.724	125.00 4.921	75.00 2.953	101.50 3.996	8	10.1 0.398	45.00 1.772	90X3MM 3.543 x 0.138	

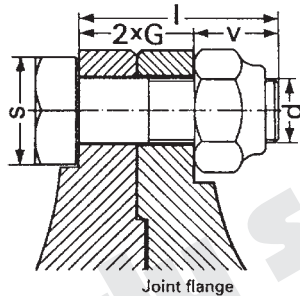
Note: All dimensions are nominal for identification purposes only.

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687.30

FLANGE BOLT & NUT SET

PART No	d	G	I	V	S	TIGHTENING TORQUE	No. OF PIECES	SUITS FLANGE
6-587-150200020	M10	8	27	11	17	69 Nm 50.885 ft/lbs	16	Ø120
6-587-350200040	M10	14/10	40	16	17	62 Nm 45.729 ft/lbs	8	XS120
6-187-400200020	M12	9	33	15	19	120 Nm 88.507 ft/lbs	16	Ø150
6-587-200200040	M12	16/12	45	17	19	105 Nm 77.444 ft/lbs	8	XS150

Note: All dimensions are nominal for identification purposes only.

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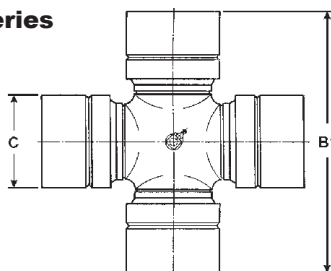
NOTE: Replaces 587.20 Series

C = 42.00

1.654

B1 = 119.40

4.701



687.35

UNIVERSAL JOINT KIT

PART No.	LUBE	DESCRIPTION
K5-A731	CENTRE	STANDARD
K5-A731W	CENTRE	AFTERMARKET
K5-A731LT#	CENTRE	FOR LOW TEMPERATURE APPLICATIONS
K5-A731-4X	CAP	4 x LUBE IN CAP
K5-A731SF	NIL	SERVICE FREE

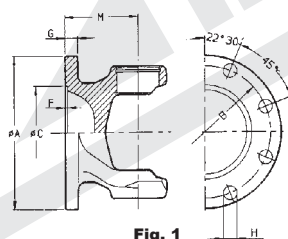


Fig. 1

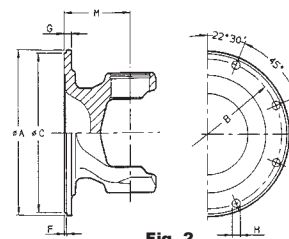


Fig. 2

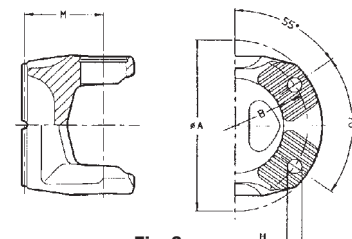


Fig. 3

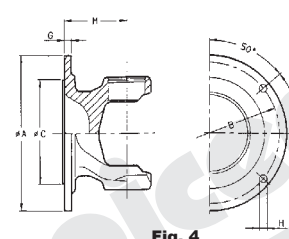


Fig. 4

687.35

FLANGE YOKE

FLANGE YOKE PART No.	FIG	FLANGE DIA. A	C/L OF U.J. TO FACE M	SPIGOT DIA. C	P.C.D. B	No. HOLES	HOLE DIA. H	MAX. ANGLE	COMMENTS
2-687-352700060	1	150.00 5.906	95.00 3.740	90.00 3.543	130.00 5.118	8	12.1 0.476	44°	150mm
2-687-352000000	1	150.00 5.906	72.00 2.953	90.00 3.543	130.00 5.118	8	12.1 0.476	25°	150mm
3-687-352700060	1	150.00 5.906	95.00 3.740	90.00 3.543				44°	150mm SEMI FINISHED
2-687-352800100	1	180.00 7.087	90.00 3.543	110.00 4.330	155.50 6.122	8	14.1 0.555	35°	180mm
3-687-352800000#	1	180.00 7.087	90.00 3.543	110.00 4.330	N/A	N/A	N/A	35°	180mm UNDRILLED
2-687-352400020	4	146.00 5.748	72.00 2.835	95.20-M 3.748	120.70 4.752	4	14.1 0.555	25°	1550 SPICER
2-687-352400040	2	174.60 6.874	88.00 3.465	168.30-M 6.625	155.60 6.125	8	10.1 0.398	24°	1610 SPICER
2-687-352000500	3	120.00 4.724	75.00 2.953	N/A	100.00 3.937	4	11.1 0.437	25°	KV 70° 120mm
2-687-352300500	3	155.00 6.102	75.00 2.953	N/A	130.00 5.118	4	13.1 0.516	25°	KV 70° 155mm

INDENT ONLY

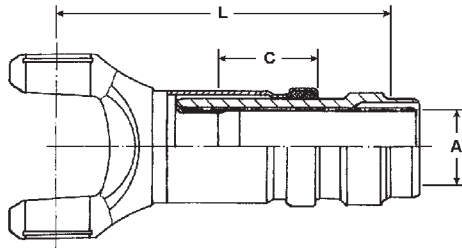
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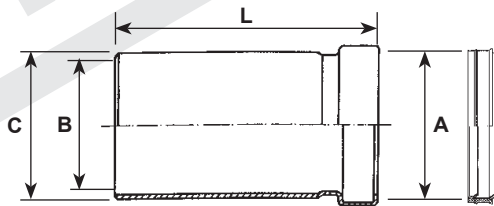
GWB 687.35



687.35

SLIP ASSEMBLY

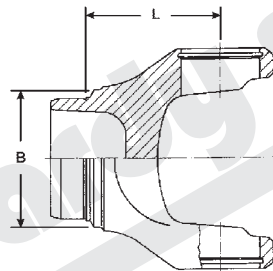
SLIP ASSEMBLY PART No.	INVOLUTE SPLINE O.D. & No. A	C/L OF UJ TO WELD POINT L	TOTAL SLIP C	TUBE SIZE & PART No.	COMMENTS
6-687-357080200	54.00-34 2.126	275.00 10.827	110.00 4.381	100X3MM 3.937 x 0.118	COVER TUBE ASSY 6-687-350900010
6-687-357782200	55.00-20 2.165	364.00 14.331	190.00 7.480	85X5MM 3.346 x 0.197	LONG SLIP WIDE ANGLE 35°



687.35

SPLINE COVER TUBE

PART No.	LENGTH L	SEAL DIA. A	TUBE OD C	TUBE ID B	COMMENTS
6-687-350900010	132.00 5.197	68.00 2.677	76.20 3.000	72.80 2.866	



687.35

WELD YOKE

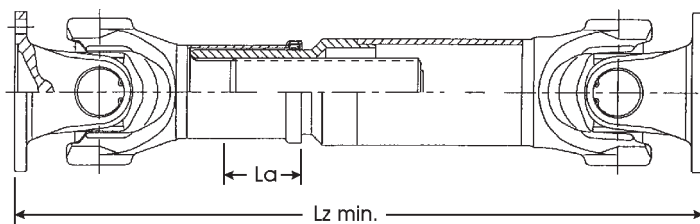
WELD YOKE PART No.	C/LINE TO POINT OF WELD L	MAX. ANGLE	TUBE SIZE & PART No. B	COMMENTS
2-687-354000040	72.00 2.835	25°	100X3MM 3.937 x 0.118	
2-687-3540AU100	71.00 2.795	24°	100X3MM 3.937 x 0.118	ALTERNATIVE
2-687-354700010	82.00 3.228	35°	85X5MM 3.346 x 0.197	

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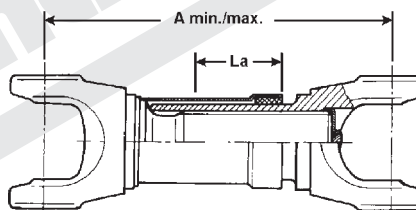


687.35

TUBULAR TYPE ASSEMBLY CHART

FLANGE YOE PART No.	U.J. PART No.	SLIP STUB ASSEMBLY PART No.	FLANGE TO FLANGE CLOSED Lz min.	TOTAL SLIP La	TUBE SIZE & PART No.	WELD YOE PART No.	MAX. STATIC ANGLE
2-687-352700060	K5-A731	6-687-357080200	582.00 22.913	110.00 4.331	100X3MM 3.937 x 0.118	2-687-354000040	25°

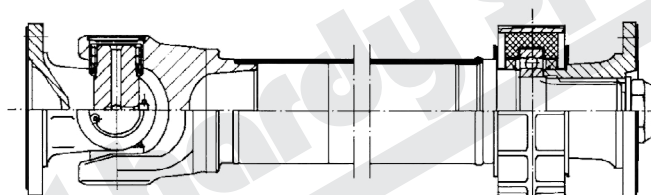
MORE FLANGE YOE COMBINATIONS ARE AVAILABLE
PLEASE SEE FLANGE YOE SECTION



687.35

SHORT COUPLED ASSY CHART

U.J. PART No.	SLIP YOE & YOE SHAFT PART No.	C/L U.J. TO C/L U.J. CLOSED max/min A	TOTAL SLIP min/max La	DUST COVER PART No.	MAX STATIC ANGLE	COMMENTS
K5-A731	6-687-357030600	294 / 229 11.57 / 9.16	110 / 45 4.33 / 1.77	6-687-350900010	25°	ORDER COVER TUBE SEPARATELY
K5-A731	6-687-357030320	320 / 240 12.60 / 9.45	90 / 35 3.54 / 1.38		20°	DUST COVER TUBE INCLUDED



687.35

CENTRE BEARING SHAFT ASSEMBLY

FLANGE PART No. & DIA.	U.J. PART No.	WELD YOE PART No.	TUBE SIZE & PART No.	MIDSHIP STUB / ASSEMBLY	BRG ID	CENTRE BEARING ASSY PART No.	COMPANION FLANGE
2-687-352300500 XS150	K5-A731	2-687-354000040	100X3MM	2-687-351610000	60.00	VOL-23220 40 SHORE	2-687-355210150 XS150
2-687-352300500 XS150	K5-A731	2-687-354000040	100X3MM	2-687-351610000	60.00	VOL-30-9119 80 SHORE	2-687-355210150 XS150
2-687-352300500 XS150	K5-A731	2-687-354000040	100X3MM	7-113-550984500 [^]	55.00	211440X INCLUDED	XS150 INCLUDED

VOL-23220 SUITS TRUCK APPLICATIONS
VOL-30-9119 SUITS CONSTRUCTION EQUIPMENT
NUT VOL-23222, WASHER VOL-23223, SLINGER VOL-23227
[^] MIDSHIP ASSEMBLY INCLUDING STUB, COMPANION FLANGE, BEARING & NUT

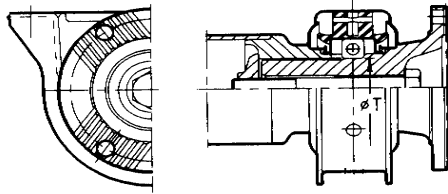
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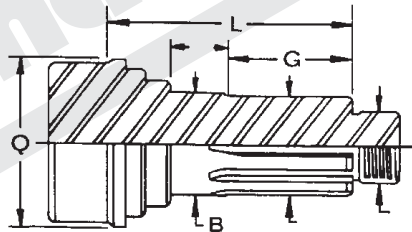
GWB 687.35



687.35 MIDSHIP ASSY INCL BEARING

MIDSHIP ASSY PART No.	LENGTH TO WELD	BRG ID	FACE TO C/BRG C	CENTRE HEIGHT H	CENTRE BEARING ASSY PART No.	F I G	FLANGE OD	PCD DIA	COMMENTS
7-113-550984500	116.00	55.00	73.00	71.80	211440X		150.00	130.00	XS150
	4.567	2.165	2.874	2.827			5.906	5.118	

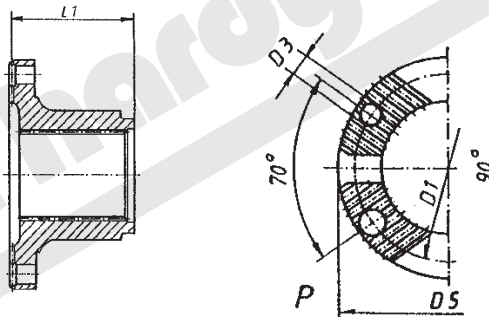
Midship bolt tightening torque = 137Nm +/- 15Nm



687.35 MIDSHIP STUB SHAFT

MIDSHIP STUB SHAFT PART No.	SPLINE OD & No.	LENGTH OF SPLINE G	END OF SPLINE TO POINT OF WELD L	TUBE PART No. & SIZE O	BEARING I.D. B	CENTRE BEARING PART No.	COMMENTS
2-687-351610000	60.00-18	46.50	145.00	100X3MM	60.00	VOL-23220	
	2.362	1.831	5.709		2.362	VOL-30-9119	

VOL-23220 (40 Shore) SUITS TRUCK APPLICATIONS
VOL-30-9119 (80 Shore) SUITS CONSTRUCTION EQUIPMENT
NUT VOL-23222, WASHER VOL-23223, SLINGER VOL-23227
Midship nut tightening torque = 650Nm



687.35 COMPANION FLANGE

COMPANION FLANGE PART No.	SPLINE OD & No.	GROUND HUB O.D.	LENGTH THROUGH HUB	LENGTH FACE TO END L1	FLANGE OD	PCD DIA	BOLT HOLES	COMMENTS
2-687-355210150	60.00	N/A	50.00	62.00	150.00	130.00	12.10 x 4	XS150
	2.362		1.968	2.441	5.906	5.118	0.476	

Midship nut tightening torque = 650Nm

Note: All dimensions are nominal for identification purposes only.

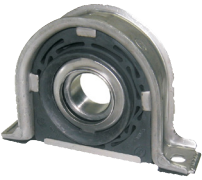
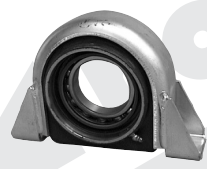
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687.35

CENTRE BEARINGS

Hardy Spicer Part No.	Description	Rubber Cushion	Centre Height	Bearing Width	Bearing ID	Bolt Hole Centres
211447X			68.3mm	19mm	45mm	194mm
211440X			71.8mm	18mm	55mm	194mm
6-613-550100560	 687-35/40/45 Relube DAF	SOLID RUBBER	69.1mm	18mm	55mm	200mm
6-613-550100690	 687-35/40/45 VOLVO		71.5mm	18mm	55mm	200mm
VOL-23220 (621235)	 Suits Volvo 300 & 400 series Volvo Truck	Solid Rubber 40 Shore	80mm	30mm	60mm	198mm
VOL-30-9119 (6212888)	 Relube Bearing VCE	Solid Rubber 80 Shore	80mm	30mm	60mm	198mm
6-613-600100070	 Reverse Slip Style 687-30/35 DAF, MAN RENAULT VOLVO IVECO		69mm	18mm	60mm	194mm

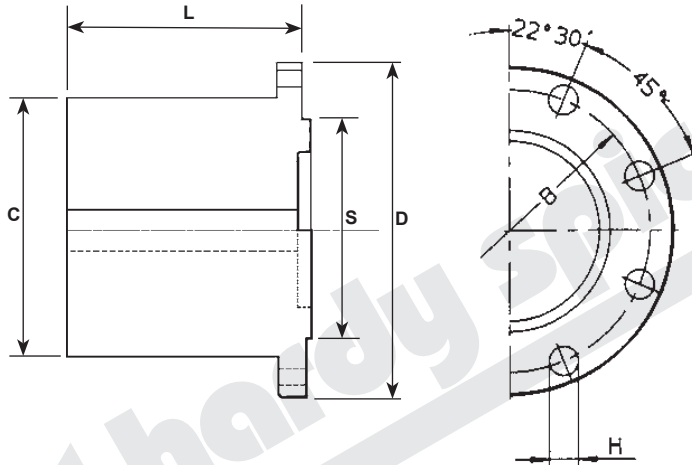
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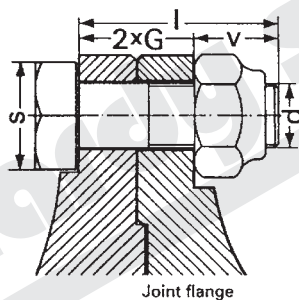


687.35

COMPANION FLANGE

CIRCULAR TYPE - ROUND HOLE

PART No.	BORE DIA.	HUB O.D.	FLANGE FACE TO END OF HUB L	MAX BORE WITH STD KEY	BOLT HOLE DIA. & No.	P.C.D.	SPIGOT DIA.	FLANGE O.D.	COMMENTS
		C			H	B	S	D	
DIN-1-150812	20.00 0.787	110.30 4.343	150.00 5.906	75.00 2.953	12.1 x 8 0.476	130.0 5.118	M-90.00 M-3.543	150.00 5.906	
DIN-1-180814	30.00 1.181	132.00 5.197	170.00 6.693	100.00 3.937	14.1 x 8 0.555	155.5 6.122	M-110.00 M-4.331	180.00 7.087	



Joint flange

687.35

FLANGE BOLT & NUT SET

PART No	d	G	I	V	S	TIGHTENING TORQUE	No. OF PIECES	SUITS FLANGE
6-587-350200040	M10	14/10	40	16	17	62 Nm 45.729 ft/lbs	8	XS120
6-587-200200040	M12	16/12	45	17	19	105 Nm 77.444 ft/lbs	8	XS150/155
6-187-400200020	M12	10	33	13	19	120 Nm 88.496 ft/lbs	16	Ø150
6-387-400200020	M14	12	40	16	22	190 Nm 140.118 ft/lbs	16	Ø180

Note: All dimensions are nominal for identification purposes only.

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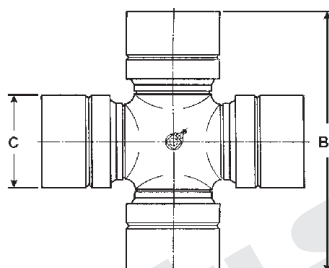
NOTE: Replaces 587.30 Series

C = 47.60

1.874

B1 = 135.17

5.322



687.40

UNIVERSAL JOINT KIT

PART No.	LUBE	DESCRIPTION
K5-A732	CENTRE	STANDARD
K5-A732SF	NONE	SERVICE FREE
K5-A732LT	CENTRE	FOR LOW TEMPERATURE APPLICATIONS
K5-A732W	CENTRE	AFTERMARKET
K5-A732-4X	CAP	4 x LUBE IN CAP

Note: All dimensions are nominal for identification purposes only.

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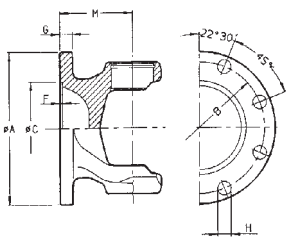


Fig. 1

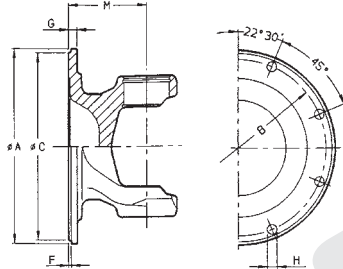


Fig. 2

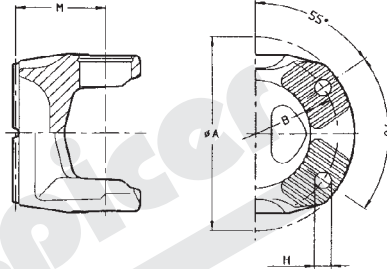


Fig. 3

687.40

FLANGE YOKE

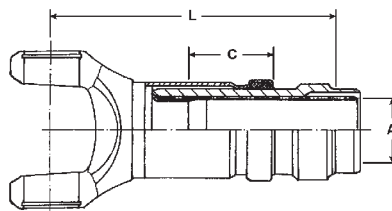
FLANGE YOKE PART No.	FIG	FLANGE DIA. A	C/L OF U.J. TO FACE M	SPIGOT DIA. C	P.C.D. B	No. HOLES	HOLE DIA. H	MAX. ANGLE	COMMENTS
2-687-402700150	1	150.00 5.906	102.00 4.016	90.00 3.543	130.00 5.118	8	12.1 0.476	44°	150mm 44°
2-687-402700000	1	165.00 6.496	87.00 3.425	95.00 3.740	140.00 5.512	8	16.1 0.634	30°	165mm 30° 16mm BOLT HOLE
2-687-402700060#	2	165.00 6.496	87.00 3.425	95.00 3.740	140.00 5.512	8	14.1 0.555	30°	165mm 30° 14mm BOLT HOLE
3-687-402700000	1	165.00 6.496	87.00 3.425	95.00 3.740				30°	165mm 30° SEMI FINISHED
2-687-402800060	1	180.00 7.087	102.00 4.016	110.00 4.330	155.50 6.122	8	14.1 0.555	44°	180mm 44°
3-687-402800000	1	180.00 7.087	102.00 4.016	110.00 4.330				44°	180mm 44° SEMI FINISHED
2-687-402400092	2	174.60 6.874	92.00 3.622	168.30 6.626	155.60 6.126	8	10.1 0.325	25°	1610 SPICER
2-186-302446060	2	203.20 8.000	70.50 2.775	196.80 7.750	184.20 7.250	12	9.6 0.378	25°	1810 PATTERN 1710 BOLT HOLE
2-186-302446080	2	203.20 8.000	70.50 2.775	196.80 7.750	184.20 7.250	12	11.2 0.441	25°	1810 SPICER
2-687-402000500	3	155.00 6.102	82.00 3.228	N/A	130.00 5.118	4	13.1 0.516	25°	KV 70° 155mm
2-687-4020AU500	3	155.00 6.102	82.00 3.228	N/A	130.00 5.118	4	13.1 0.516	25°	KV 70° 155mm ALTERNATE
2-687-402700510	3	155.00 6.102	102.00 4.016	N/A	130.00 5.118	4	13.1 0.516	44°	KV 70° 155mm WIDE ANGLE
2-687-4027AU510	3	155.00 6.102	102.00 4.016	N/A	130.00 5.118	4	13.1 0.516	44°	KV 70° 155mm W/A ALTERNATE
2-687-402300500	3	180.00 7.087	82.00 3.228	N/A	150.00 5.906	4	15.1 0.482	25°	KV 70° 180mm
2-687-4023AU500	3	180.00 7.087	82.00 3.228	N/A	150.00 5.906	4	15.1 0.482	25°	KV 70° 180mm ALTERNATE
2-687-402300130#	3	180.00 7.087	93.00 3.661	110.00 4.330	155.50 6.122	8	14.1 0.555	35°	KV 70° 180mm
2-687-402700520#	3	180.00 7.087	102.00 4.016	N/A	150.00 5.906	4	15.1 0.482	44°	KV 70° 180mm WIDE ANGLE

Note: All dimensions are nominal for identification purposes only.

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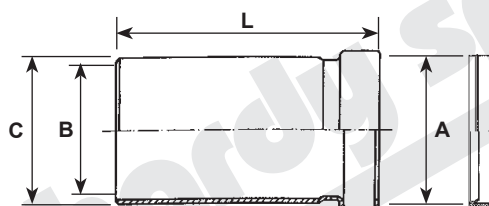
GWB 687.40



687.40

SLIP ASSEMBLY

SLIP ASSEMBLY PART No.	INVOLUTE SPLINE O.D. & No. A	C/L OF UJ TO WELD POINT L	TOTAL SLIP C	TUBE SIZE & PART No.	MAX ANGLE	COMMENTS
6-687-407080204	62.00-34 2.441	250.00 9.843	110.00 4.331	120X3MM 4.724 x 0.118	25°	COVER TUBE ASSY 6-687-400900000
6-687-407080200	62.00-34 2.441	250.00 9.843	110.00 4.331	100X4-1/2MM 3.937 x 0.197	25°	
6-687-4070AU204	62.00-34 2.441	255.00 10.039	110.00 4.331	120X3MM 4.724 x 0.118	25°	ALTERNATE
6-687-407780204	62.00-34 2.441	344.00 13.543	180.00 7.087	100X4-1/2MM 3.937 x 0.197	44°	
6-687-4077AU204	62.00-34 2.441	347.00 13.661	180.00 7.087	100X4-1/2MM 3.937 x 0.197	44°	ALTERNATE



687.40

SPLINE COVER TUBE

PART No.	LENGTH L	SEAL DIA. A	TUBE OD C	TUBE ID B	COMMENTS
6-687-400900000	132.00 5.197	76.80 3.024	84.00 3.307	78.90 3.106	

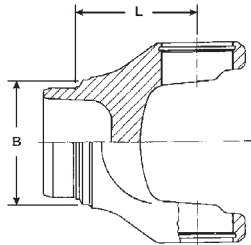
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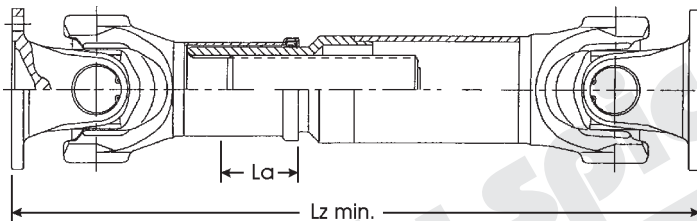
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GWB 687.40



687.40 WELD YOKE

WELD YOKE PART No.	C/LINE TO POINT OF WELD L	MAX. ANGLE	TUBE SIZE & PART No. B	COMMENTS
2-687-404000040	87.00 2.835	25°	120X3MM 4.724 x 0.118	
2-687-4040AU040	87.00 2.835	25°	120X3MM 4.724 x 0.118	ALTERNATE
2-687-404700000	100.00 3.937	44°	100X4-1/2MM 3.937 x 0.197	
2-687-4047AU000	100.00 3.937	44°	100X4-1/2MM 3.937 x 0.197	ALTERNATE



687.40 TUBULAR TYPE ASSEMBLY CHART

FLANGE YOKE PART No.	U.J. PART No.	SLIP STUB ASSEMBLY PART No.	FLANGE TO FLANGE CLOSED Lz min.	TOTAL SLIP La	TUBE SIZE & PART No.	WELD YOKE PART No.	MAX. STATIC ANGLE
2-687-402800060	K5-A732	6-687-407080204	586.00 23.071	110.00 4.331	120X3MM 4.724 x 0.118	2-687-404000040	25°
2-687-402700150	K5-A732	6-687-407780204	693.00 27.283	180.00 7.087	100X4-1/2MM 3.937 x 0.197	2-687-404700000	44°

MORE FLANGE YOKE COMBINATIONS ARE AVAILABLE
PLEASE SEE FLANGE YOKE SECTION

Note: All dimensions are
nominal for identification
purposes only.

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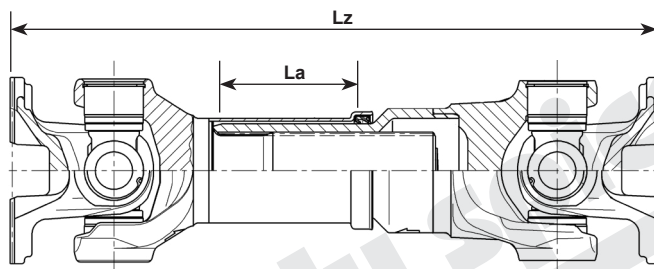
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B:6-98

Hardy Spicer Driveshaft Components Catalogue

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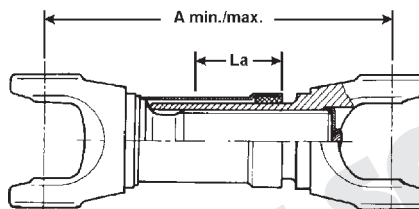
GWB 687.40



687.40

INTERAXLE DRIVESHAFT

SHAFT PART No.	U.J. PART No.	FLANGES	LENGTH FACE TO FACE CLOSED Lz	TOTAL SLIP La	MAX STATIC ANGLE	COMMENTS
68740-393246070	K5-A732SF	2-687-402700150	700.00 25.559	180.00 7.087	44°	MAN & OTHERS XS150



687.40

SHORT COUPLED ASSY CHART

U.J. PART No.	SLIP YOKE & YOKE SHAFT PART No.	C/L U.J. TO C/L U.J. CLOSED max/min A	TOTAL SLIP min/max La	DUST COVER PART No.	MAX STATIC ANGLE	COMMENTS
K5-A732	6-687-407030600	302 / 237 11.89 / 9.33	110 / 45 4.33 / 1.77	6-687-400900000	25°	ORDER COVER TUBE SEPARATELY
K5-A732	6-687-407030311#	311 12.244	80 3.150		25°	COVER TUBE INCLUDED
K5-A732	6-687-4073AU406#	406 / 245 15.98 / 9.65	90 / 40 3.54 / 1.57		25°	COVER TUBE INCLUDED

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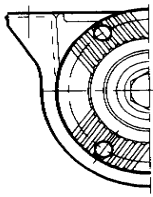


Fig 1

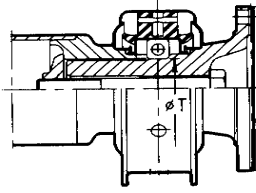


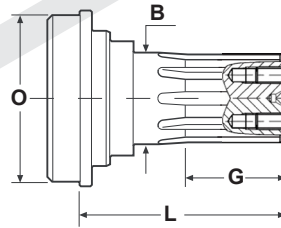
Fig 2

687.40

MIDSHIP ASSY INCL BEARING

MIDSHIP ASSY PART No.	LENGTH TO WELD	BRG ID	FACE TO C/BRG C	CENTRE HEIGHT H	CENTRE BEARING ASSY PART No.	F I G	FLANGE OD	PCD DIA	COMMENTS
7-613-550900730	145.00 5.709	55.00 2.165	95.00 3.740	71.80 2.827	6-613-550100690	1	150.00 5.906	130.00 5.118	XS150 NLA TUBE 120X3MM
7-613-550900960	130.00 5.118	55.00 2.165	80.00 3.150	71.80 2.827	211440X	1	150.00 5.906	130.00 5.118	XS150 TUBE 120X3MM
7-113-550900536	136.00 5.354	55.00 2.165	80.00 3.150	90.00 3.543	IV-30-9194	2	150.00 5.906	130.00 5.118	XS150 TUBE 120X3MM

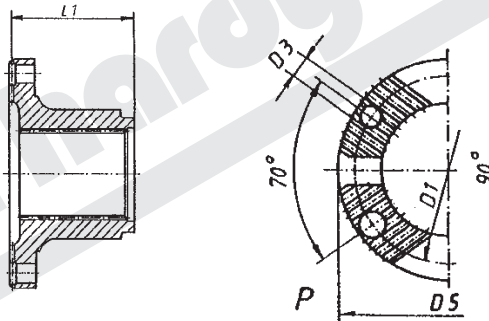
Midship bolt tightening torque = 350Nm +/- 25Nm



687.40

MIDSHIP STUB SHAFT

MIDSHIP STUB SHAFT PART No.	SPLINE OD & No.	LENGTH OF SPLINE G	END OF SPLINE TO POINT OF WELD L	TUBE PART No. & SIZE O	BEARING I.D. B	CENTRE BEARING PART No.	COMMENTS
2-113-651611110	65.00-31 2.559	60.00 2.362	140.00 5.512	120X3MM	65.00 2.559	6-613-6501AU650	SUIT MAN APPLICATIONS
2-113-551600012	55.00-51 2.165		127.00 5.000	120X3MM	55.00 2.165		SANDVIK APPLICATIONS



687.40

COMPANION FLANGE

COMPANION FLANGE PART No.	SPLINE OD & No.	GROUND HUB O.D.	LENGTH THROUGH HUB	LENGTH FACE TO END L1	FLANGE OD	PCD DIA	BOLT HOLES	COMMENTS
6-113-655299000	65.00-31 2.559	N/A	63.25 2.490	77.00 3.031	150.00 5.906	130.00 5.118	12.10 x 4 0.476	XS150 INCL. BOLT & WASHER

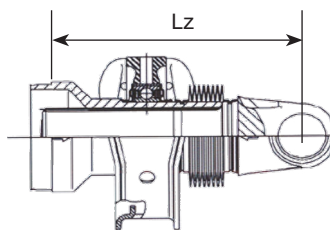
Midship bolt tightening torque = 137Nm +/- 15Nm

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687.40 MIDSHIP SLIP ASSY INCL BEARING

MIDSHIP ASSY PART No.	TUBE SIZE & PART No.	LENGTH CENTRE TO WELD Lz	TOTAL SLIP La	BRG ID	CENTRE BEARING ASSY PART No.	SUIT U.J.	RUBBER BOOT	COMMENTS
7-613-750800230	120X3MM	250.00 9.843	110.00 4.331	75.00 2.953	6-613-750100090	K5-A732	1-000-008401011	

687.40 CENTRE BEARINGS

Hardy Spicer Part No.	Description	Rubber Cushion	Centre Height	Bearing Width	Bearing ID	Bolt Hole Centres
6-613-550100560	687-35/40/45 Relube DAF 	SOLID RUBBER	69.1mm	18mm	55mm	200mm
211440X	687-40/45 IVECO 		71.8mm	18mm	55mm	194mm
IV-30-9194	IVECO SEALED BEARING 		90mm	22mm	55mm	220mm
6-613-750100090	687-40/45 IVECO MAN REVERSE SLIP 	FLUTED RUBBER	90mm	26mm	75mm	220mm
6-613-550100690	687-35/40/45 VOLVO 		71.5mm	18mm	55mm	200mm
6-613-6501AU650	MAN 	SOLID RUBBER	85.8mm	23mm	65mm	225mm

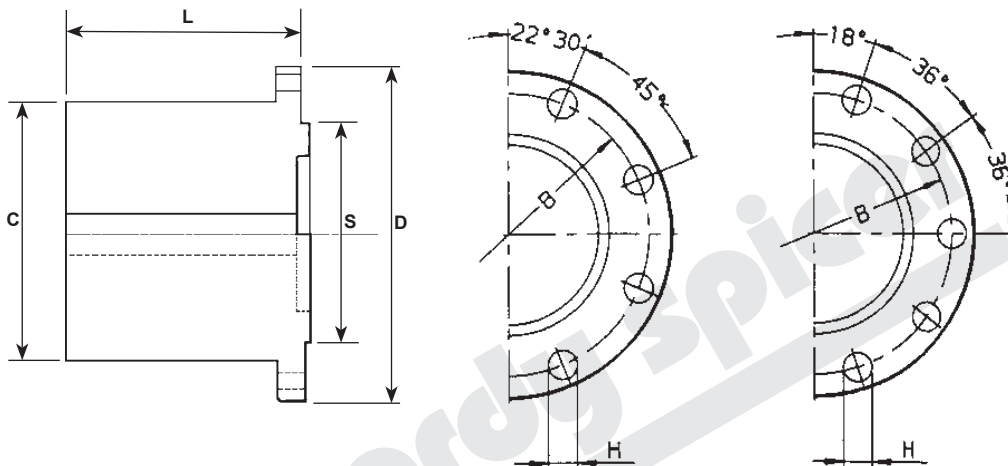
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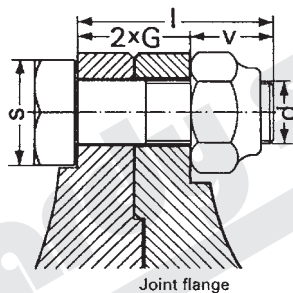


687.40

COMPANION FLANGE

CIRCULAR TYPE - ROUND HOLE

PART No.	BORE DIA.	HUB O.D.	FLANGE FACE TO END OF HUB L	MAX BORE WITH STD KEY	BOLT HOLE DIA. & No. H	P.C.D. B	SPIGOT DIA. S	FLANGE O.D. D	COMMENTS
DIN-1-150812	20.00 0.787	110.30 4.343	150.00 5.906	75.00 2.953	12.1 x 8 0.476	130.0 5.118	M-90.00 M-3.543	150.00 5.906	
DIN-1-180814	30.00 1.181	132.00 5.197	170.00 6.693	100.00 3.937	14.1 x 8 0.555	155.5 6.122	M-110.00 M-4.331	180.00 7.087	
DIN-1-181016	30.00 1.181	132.00 5.197	170.00 6.693	100.00 3.937	16.1 x 10 0.634	155.5 6.122	M-110.00 M-4.331	180.00 7.087	



687.40

FLANGE BOLT & NUT SET

PART No	d	G	l	V	S	TIGHTENING TORQUE	No. OF PIECES	SUITS FLANGE
6-187-400200020	M12	10	33	13	19	120 Nm 88.496ft/lbs	16	Ø150
6-587-200200040	M12	16/12	45	17	19	105 Nm 77.444ft/lbs	8	XS150/155
6-387-400200020	M14	12	40	16	22	190 Nm 140.118ft/lbs	16	Ø180 8 BOLT
6-587-420200040	M14	18/14	50	18	22	170 Nm 125.385ft/lbs	8	XS180
6-587-350200040	M16	14	42	22	24	295 Nm 217.581ft/lbs	20	Ø180 10 BOLT

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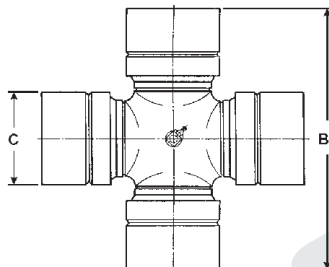
NOTE: Replaces 587.35 Series

C = 52.00

2.047

B1 = 147.20

5.795



687.45

UNIVERSAL JOINT KIT

PART No.	LUBE	DESCRIPTION
K5-A722	CENTRE	STANDARD
K5-A722W	CENTRE	AFTERMARKET
K5-A722LT	CENTRE	FOR LOW TEMPERATURE APPLICATIONS
K5-A722SF	NONE	SERVICE FREE
K5-A722-4X	CAP	4 x LUBE IN CAP

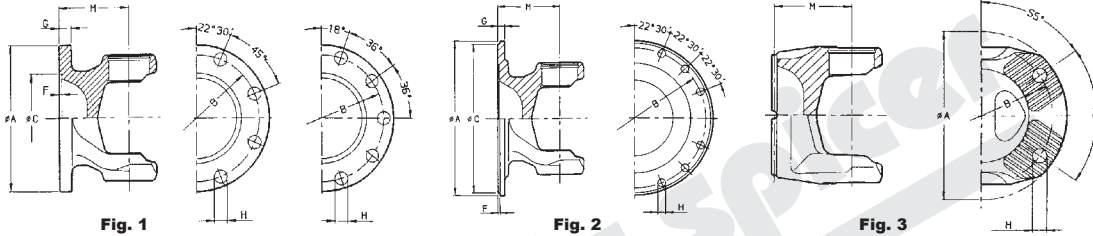
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687.45 FLANGE YOKE

FLANGE YOKE PART No.	FIG	FLANGE DIA. A	C/L OF U.J. TO FACE M	SPIGOT DIA. C	P.C.D. B	No. HOLES	HOLE DIA. H	MAX. ANGLE	COMMENTS
2-687-452700060	1	165.00 6.496	112.00 4.409	95.00 3.740	140.00 5.512	8	16.1 0.634	44°	165mm
2-687-452000060	1	180.00 7.087	95.00 3.740	110.00 4.330	155.50 6.122	8	14.1 0.555	27°	180mm STANDARD
2-687-4520AU180	1	180.00 7.087	100.00 3.937	110.00 4.330	155.50 6.122	8	14.1 0.634	35°	180mm ALT 8 BOLT
2-687-452000000	1	180.00 7.087	95.00 3.740	110.00 4.330	155.50 6.122	10	16.1 0.634	27°	180mm 10 BOLT
3-687-452000000#	1	180.00 7.087	95.00 3.740	110.00 4.330				25°	180mm SEMI FINISHED
2-687-452400100	2	203.20 8.000	86.00 3.386	196.80 7.750	184.20 7.250	12	11.2 0.441	25°	1810 SPICER
2-687-452727500	3	155.00 6.102	100.00 3.937	N/A	130.00 5.118	4	13.1 0.516	37°	KV 70°
2-687-452000500	3	180.00 7.087	87.00 3.475	N/A	150.00 5.906	4	15.1 0.516	25°	KV 70°
2-687-4520AU500	3	180.00 7.087	87.00 3.475	N/A	150.00 5.906	4	15.1 0.516	25°	KV 70° ALTERNATE
2-687-452700500	3	180.00 7.087	108.00 4.252	N/A	150.00 5.906	4	15.1 0.516	44°	KV 70°
2-687-452300000	1	225.00 8.858	90.00 3.543	140.00 5.512	196.00 7.717	8	16.1 0.634	25°	225mm
2-687-452300110	1	225.00 8.858	104.00 4.094	140.00 5.512	196.00 7.717	8	16.1 0.634	25°	225mm
3-687-452300225	1	225.00 8.858	104.00 4.094	140.00 5.512				25°	225mm SEMI FINISHED

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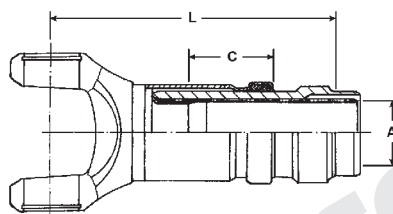
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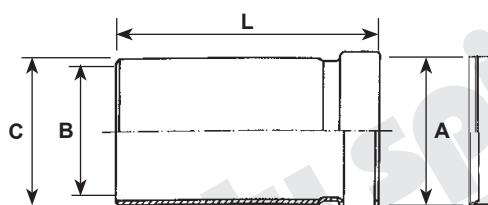
GWB 687.45



687.45

SLIP ASSEMBLY

SLIP ASSEMBLY PART No.	INVOLUTE SPLINE O.D. & No. A	C/L OF UJ TO WELD POINT L	TOTAL SLIP C	TUBE SIZE & PART No.	MAX ANGLE	COMMENTS
6-687-457080203	68.00-38 2.677	265.00 10.433	110.00 4.331	120X4MM 4.724 x 0.157	25°	COVER TUBE ASSY 6-687-450900000
6-687-4570AU203	68.00-38 2.677	265.00 10.433	110.00 4.331	120X4MM 4.724 x 0.157	25°	ALTERNATE
6-687-457780204	68.00-38 2.677	360.00 14.173	180.00 7.087	110X5MM# 4.331 x 0.197	44°	



687.45

SPLINE COVER TUBE

PART No.	LENGTH L	SEAL DIA. A	TUBE OD C	TUBE ID B	COMMENTS
6-687-450900000	135.00 5.315	83.80 3.299	91.00 3.583	85.90 3.382	

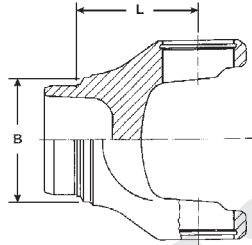
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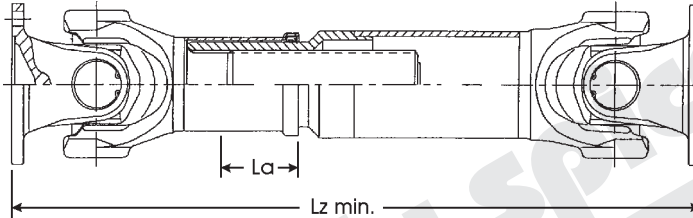
GWB 687.45



687.45

WELD YOKE

WELD YOKE PART No.	C/LINE TO POINT OF WELD L	MAX. ANGLE	TUBE SIZE & PART No. B	COMMENTS
2-687-454000040	95.00 3.740	25°	120X4MM 4.724 x 0.157	
2-687-4540AU040	95.00 3.740	25°	120X4MM 4.724 x 0.157	ALTERNATE
2-687-454700000	108.00 4.252	44°	110X5MM# 4.331 x 0.197	



687.45

TUBULAR TYPE ASSEMBLY CHART

FLANGE YOKE PART No.	U.J. PART No.	SLIP STUB ASSEMBLY PART No.	FLANGE TO FLANGE CLOSED Lz min.	TOTAL SLIP La	TUBE SIZE & PART No.	WELD YOKE PART No.	MAX. STATIC ANGLE
2-687-452000060	K5-A722	6-687-457080203	595.00 23.425	110.00 4.331	120X4MM 4.724 x 0.157	2-687-454000040	25°
2-687-452000000	K5-A722	6-687-457780204	703.00 27.677	180.00 7.087	110X5MM# 4.331 x 0.197	2-687-404700000	44°

MORE FLANGE YOKE COMBINATIONS ARE AVAILABLE
PLEASE SEE FLANGE YOKE SECTION

Note: All dimensions are
nominal for identification
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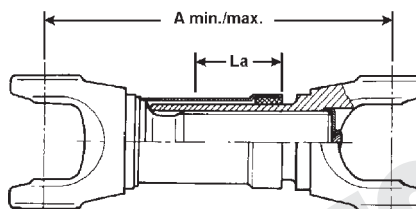
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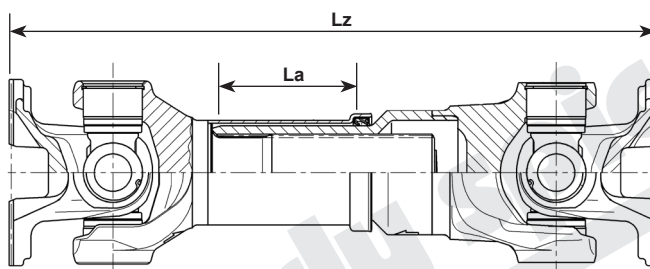
GWB 687.45



687.45

SHORT COUPLED ASSY CHART

U.J. PART No.	SLIP YOKE & YOKE SHAFT PART No.	C/L U.J. TO C/L U.J. CLOSED max/min A	TOTAL SLIP min/max La	DUST COVER PART No.	MAX STATIC ANGLE	COMMENTS
K5-A722	6-687-457030800	317 / 257 12.48 / 10.12	110 / 50 4.33 / 1.97	6-687-450900000	25°	ORDER COVER TUBE SEPARATELY
K5-A722SF	6-687-457738410	410.00 16.142	180.00 7.087	6-687-450900030#	44°	COVER TUBE INCLUDED
K5-A722SF	6-687-457733000	468.00 18.425	180.00 7.087	6-687-450900030#	44°	COVER TUBE INCLUDED



687.45

INTER AXLE SHAFTS

SHAFT PART No.	U.J. PART No.	FLANGES	LENGTH FACE TO FACE CLOSED Lz	TOTAL SLIP La	MAX STATIC ANGLE	COMMENTS
68745-39156060#	K5-A722SF	2-687-452727500	600.00 23.622	160.00 6.299	44°	150XS FLANGES SUIT MAN
68745-20489408	K5-A722SF	2-687-452700500	626.00 24.646	180.00 7.087	44°	180XS FLANGES SUIT VOLVO
68745-20476719	K5-A722SF	2-687-452700500	684.00 26.929	180.00 7.087	44°	180XS FLANGES SUIT VOLVO PHASED INLINE
68745-20476720	K5-A722SF	2-687-452700500	684.00 26.929	180.00 7.087	44°	180XS FLANGES SUIT VOLVO PHASED 90°

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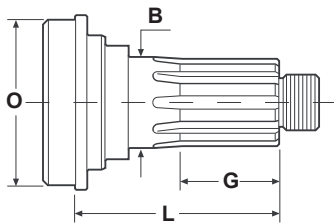


Fig 1

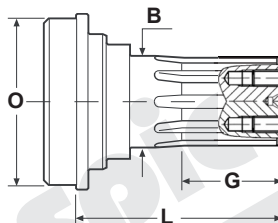


Fig 2

687.45 MIDSHIP STUB SHAFT

MIDSHIP STUB SHAFT PART No.	SPLINE OD & No.	LENGTH OF SPLINE G	END OF SPLINE TO POINT OF WELD L	TUBE PART No. & SIZE O	BEARING I.D. B	CENTRE BEARING PART No.	COMMENTS
2-113-651600120 REFER FIG 2	65.00-31 2.559	60.00 2.362	140.00 5.512	120X4MM	65.00 2.559	6-613-6501AU650	SUIT MAN APPLICATIONS
2-687-451673000 REFER FIG 1	59.70-46 2.350	55.00 2.165	151.00 5.945	120X4MM	60.00 2.362	500323XB 500326XB 211402X 210661-1X	RENAULT 687.45/SPL250 NUT 1-000-008102067
2-687-451610000 REFER FIG 1	60.00-18 2.362	46.50 1.831	123.00 4.843	120X4MM	60.00 2.362	VOL-23220 VOL-30-9119	40 SHORE 80 SHORE

VOL-23220 (40 Shore) SUITS TRUCK APPLICATIONS
 VOL-30-9119 (80 Shore) SUITS CONSTRUCTION EQUIPMENT
 NUT VOL-23222 (M40x1.5), WASHER VOL-23223, SLINGER VOL-23227
 CAN USE NUT 1-000-008102067 (M40x1.5 SELF LOCKING)

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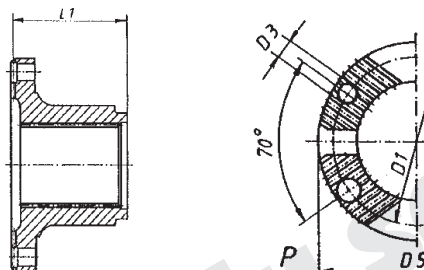
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687.45

COMPANION FLANGE

COMPANION FLANGE PART No.	SPLINE OD & No.	GROUND HUB O.D.	LENGTH THROUGH HUB	LENGTH FACE TO END L1	FLANGE OD	PCD DIA	BOLT HOLES	COMMENTS
250-1-25	59.7-46 2.350	N/A	56.50 2.490	62.00 2.441	180.00 7.087	150.00 5.905	15.10 x 4 0.516	XS180 SPL250, 687.45
2-687-455210180	60.00-18 2.362	N/A	50.00 1.969	64.00 2.520	180.00 7.087	150.00 5.905	15.10 x 4 0.516	XS180 INCL. SLINGER
6-113-655299000	65.00-31 2.559	N/A	63.25 2.490	77.00 3.031	150.00 5.906	130.00 5.118	12.10 x 4 0.476	XS150 INCL. BOLT & WASHER
6-113-655299001#	65.00-31 2.559	N/A	63.25 2.490	77.00 3.031	180.00 7.087	150.00 5.905	15.10 x 4 0.516	XS180 INCL. BOLT & WASHER

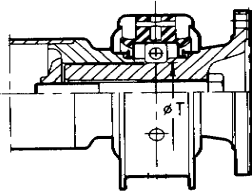
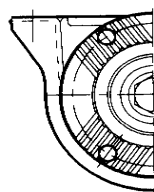


Fig 1

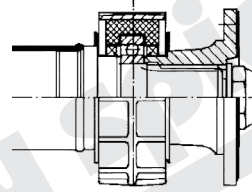
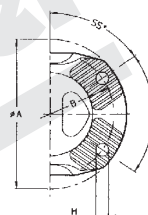


Fig 2



687.45

MIDSHIP ASSY INCL BEARING

MIDSHIP ASSY PART No.	LENGTH TO WELD	BRG ID	FACE TO C/BRG C	CENTRE HEIGHT H	CENTRE BEARING ASSY PART No.	F I G	FLANGE OD	PCD DIA	COMMENTS
7-613-550900650 REFER NOTE 1	130.00 5.118	55.00 2.165	80.00 3.150	71.50 2.815	6-613-550100690	1	180.00 7.087	150.00 5.906	XS180 C/F
7-113-550900507 REFER NOTE 2	136.00 5.354	55.00 2.165	80.00 3.150	90.00 3.543	IV-30-9194	2	180.00 7.087	150.00 5.906	XS180 C/F IVECO, 687.45

Note 1: Midship bolt tightening torque = 350Nm +/- 25Nm

Note 2: Midship bolt tightening torque = 137Nm +/- 15Nm

Note: All dimensions are nominal for identification purposes only.

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687.45

CENTRE BEARINGS

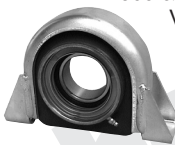
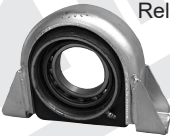
Hardy Spicer Part No.	Description	Rubber Cushion	Centre Height	Bearing Width	Bearing ID	Bolt Hole Centres
6-613-550100560	 687-35/40/45 RELUBE DAF	SOLID RUBBER	69.1mm	18mm	55mm	200mm
6-613-550100690	 687-35/40/45 VOLVO	FLUTED	71.5mm	18mm	55mm	200mm
211440X	 687-40/45 IVECO	FLUTED	71.8mm	18mm	55mm	194mm
IV-30-9194	 687-40/45 IVECO	FLUTED	90mm	22mm	55mm	220mm
211402X	 687-45/55 RENAULT SPL250 LARGE SLINGERS		80mm	36mm	60mm	200mm
6-187-400100010	 687-45/55/, SPL250 MAN, RENAULT SEALED BRG SMALL SLINGERS		80mm	36mm	60mm	200mm

Note: All dimensions are nominal for identification purposes only.

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687.45
CENTRE BEARINGS

Hardy Spicer Part No.	Description	Rubber Cushion	Centre Height	Bearing Width	Bearing ID	Bolt Hole Centres
6-613-6501AU650		SOLID RUBBER	85.8mm	23mm	65mm	225mm
VOL-23220 (621235)	Suits Volvo 300 & 400 series Volvo Truck 	Solid Rubber 40 Shore	80mm	30mm	60mm	198mm
VOL-30-9119 (6212888)	Relube Bearing VCE 	Solid Rubber 80 Shore	80mm	30mm	60mm	198mm
TORO-30-9292 (29605746)	Width across seals 48mm 		78mm	31mm	70mm	210mm
6-613-750100090	 IVECO, MAN REVERSE SLIP	Fluted Rubber	90mm	26mm	75mm	220mm

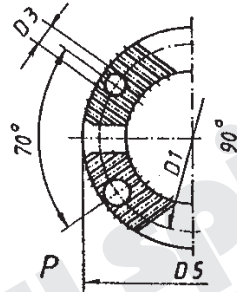
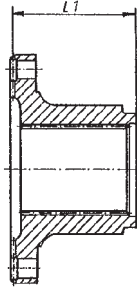
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687.45

KV COMPANION FLANGES

SPLINED HOLE							
PART No.	SPLINE O.D. & No.	GROUND HUB O.D.	LENGTH THROUGH HUB	FLANGE FACE TO HUB END L1	FLANGE O.D. P	BOLT HOLES D3	COMMENTS
587-42-1-3291KV	1.960 - 10 49.78	3.000 76.20	2.250 57.15	3.346 85.00	7.087 180.00	0.594 x 4 15.1	
587-42-1-6371KV	2.024 - 39 51.40	3.000 76.20	2.319 58.90	3.346 85.00	7.087 180.00	0.594 x 4 15.1	Rockwell / Meritor RT140 - 145 - RT380
587-42-1-3201KV	2.374 - 46 60.33	3.250 82.50	2.874 73.00	3.937 100.00	7.087 180.00	0.594 x 4 15.1	Rockwell / Meritor RT180 - 185 - 380
250-1-15	2.390 - 46 60.71	N/A N/A	2.750 69.85	3.500 88.90	7.087 180.00	0.594 x 4 15.1	SUITS 18N-53-171 & 250-53-11 MIDSHIP STUB
587-42-1-1361KV	2.503 - 19 63.58	3.500 88.90	3.780 96.00	5.378 136.60	7.087 180.00	0.594 x 4 15.1	
587-42-1-3361KV	2.574 - 20 65.38	3.500 88.90	3.390 86.10	4.431 110.00	7.087 180.00	0.594 x 4 15.1	
587-42-1-1901KV	2.750 - 10 69.85	3.500 88.90	3.000 76.20	4.331 110.00	7.087 180.00	0.594 x 4 15.1	
587-42-1-3491KV	2.750 - 10 69.85	3.750 95.25	3.000 76.20	4.331 110.00	7.087 180.00	0.594 x 4 15.1	Eaton / Spicer RT14613-14615-14715 15613-16718B-16609-16613 16618-18718B and various others
587-42-1-4631KV	2.794 - 54 70.97	3.750 95.25	2.750 69.85	4.134 105.00	7.087 180.00	0.594 x 4 15.1	Eaton / Spicer RT14-15-16-18-20 Series

Note: All dimensions are nominal for identification purposes only.

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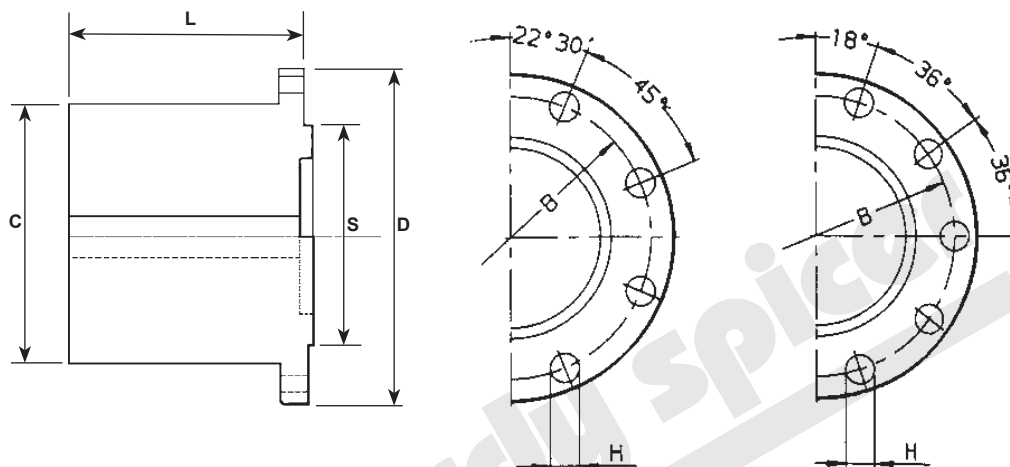
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Hardy Spicer Driveshaft Components Catalogue

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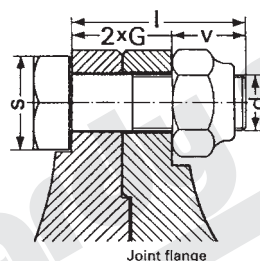


687.45

COMPANION FLANGE

CIRCULAR TYPE - ROUND HOLE

PART No.	BORE DIA.	HUB O.D.	FLANGE FACE TO END OF HUB L	MAX BORE WITH STD KEY	BOLT HOLE DIA. & No. H	P.C.D. B	SPIGOT DIA. S	FLANGE O.D. D	COMMENTS
DIN-1-180814	30.00 1.181	132.00 5.197	170.00 6.693	100.00 3.937	14.1 x 8 0.555	155.5 6.122	M-110.00 M-4.331	180.00 7.087	
DIN-1-1801016	30.00 1.181	132.00 5.197	170.00 6.693	100.00 3.937	16.1 x 10 0.634	155.5 6.122	M-110.00 M-4.331	180.00 7.087	
DIN-1-225816	50.00 1.969	171.00 6.732	185.00 7.283	115.00 4.528	16.1 x 8 0.634	196.0 7.717	M-140.00 M-5.512	225.00 8.858	
587-42-1-PBKV#	-	128.00 5.039	160.50 6.319	90.00 3.543	15.1 x 4 0.594	150.0 5.906	-	180.00 7.087	SOLID HUB KV FACE



687.45

FLANGE BOLT & NUT SET

PART No	d	G	I	V	S	TIGHTENING TORQUE	No. OF PIECES	SUITS FLANGE
6-587-200200040	M12	16/12	45	17	19	105 Nm 77.444 ft/lbs	8	XS150/155 4 BOLT
6-387-400200020	M14	12	40	16	22	190 Nm 140.118 ft/lbs	16	Ø180 8 BOLT
6-587-350200040	M16	12	42	18	24	295 Nm 217.552 ft/lbs	20	Ø180 10 BOLT
6-587-420200040	M14	18/14	50	18	22	170 Nm 125.385 ft/lbs	8	XS180
6-587-350200020	M16	15	42	14	24	295 Nm 217.552 ft/lbs	16	Ø225
6-190-500200020	M16	15	50	20	24	295 Nm 217.552 ft/lbs	16	Ø225

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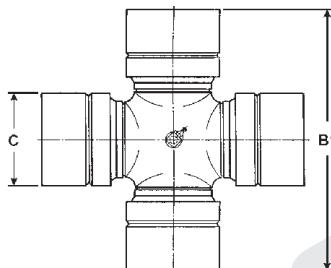
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GWB 687.50

DISCONTINUED SERIES - AVAILABLE WHILE STOCK LASTS

C = 49.20
1.937
B1 = 154.70
6.091



687.50 UNIVERSAL JOINT KIT

PART No.	LUBE	DESCRIPTION
K5-A779	CENTRE	STANDARD

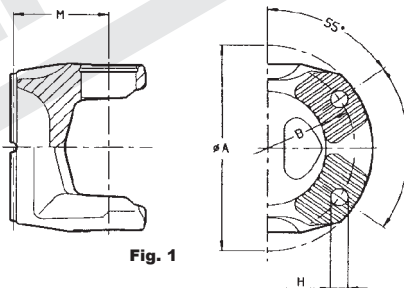
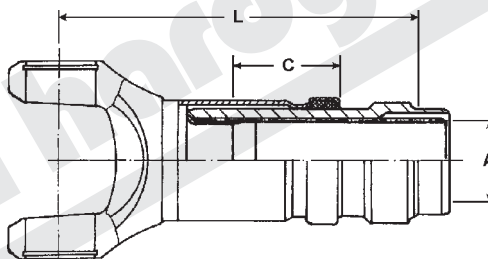


Fig. 1

687.50 FLANGE YOKE

FLANGE YOKE PART No.	FIG	FLANGE DIA. A	C/L OF U.J. TO FACE M	SPIGOT DIA. C	P.C.D. B	No. HOLES	HOLE DIA. H	MAX. ANGLE	COMMENTS
2-687-502300500	1	180.00 7.087	85.00 3.346	N/A	150.00 5.906	4	15.1 0.594	25°	KV 70°



687.50 SLIP ASSEMBLY

SLIP ASSEMBLY PART No.	INVOLUTE SPLINE O.D. & No. A	C/L OF UJ TO WELD POINT L	TOTAL SLIP C	TUBE SIZE & PART No.	COMMENTS
6-687-507780204	74.00 2.913	359.00 14.133	180.00 7.087	120X5MM 4.724 x 0.197	

INDENT ONLY

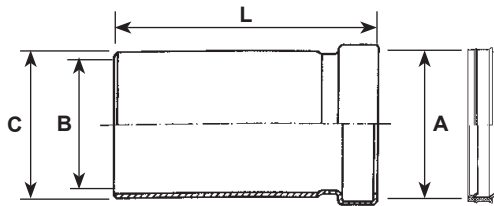
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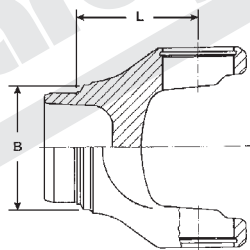
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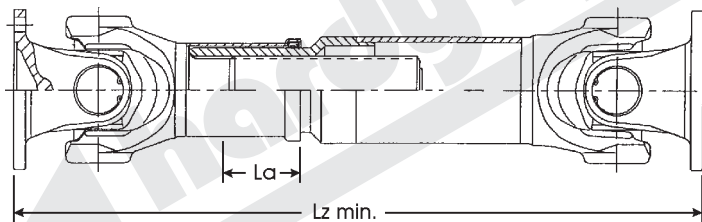
687.50 SPLINE COVER TUBE

PART No.	LENGTH L	SEAL DIA. A	TUBE OD C	TUBE ID B	COMMENTS
6-687-500900000	132.00 5.197	90.80 3.575	100.00 3.937	93.90 3.697	



687.50 WELD YOKE

WELD YOKE PART No.	C/LINE TO POINT OF WELD L	MAX. ANGLE	TUBE SIZE & PART No. B	COMMENTS
2-687-504000000	90.00 3.543	25°	120X5MM 4.724 x 0.197	



687.50 TUBULAR TYPE ASSEMBLY CHART

FLANGE YOKE PART No.	U.J. PART No.	SLIP STUB ASSEMBLY PART No.	FLANGE TO FLANGE CLOSED Lz min.	TOTAL SLIP La	TUBE SIZE & PART No.	WELD YOKE PART No.	MAX. STATIC ANGLE
2-687-502300500	K5-A779	6-687-507780204		110.00 4.331	120X5MM 4.724 x 0.197	2-687-504000000	25°

Note: All dimensions are nominal for identification purposes only.

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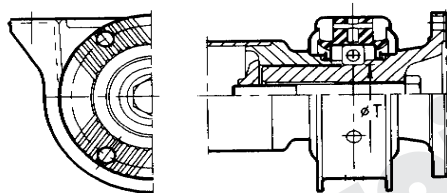


Fig 1

687.50 MIDSHIP ASSY INCL BEARING

MIDSHIP PART No	SPLINE OD & No.	LENGTH OF SPLINE	LENGTH TO WELD	BEARING ID	CENTRE BEARING ASSY PART No.	FIG	FLANGE OD	PCD DIA	COMMENTS
7-613-550900650*			130.00 5.118	55.00 2.165	6-613-550100690	1	180.00 7.087	150.00 5.905	XS180 C/F

* Machine butt to suit 120 x 5mm tube

687.50 CENTRE BEARINGS

Hardy Spicer Part No.	Description	Rubber Cushion	Centre Height	Bearing Width	Bearing ID	Bolt Hole Centres
6-613-550100560	687-35/40/45 Relube DAF 	SOLID RUBBER	69.1mm	18mm	55mm	200mm
6-613-550100690	687-35/40/45 VOLVO 		71.5mm	18mm	55mm	200mm

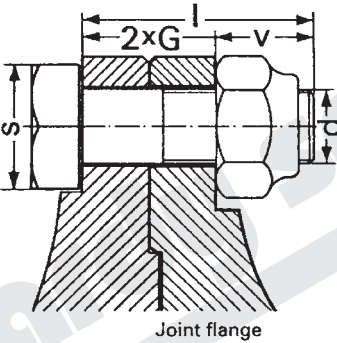
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687.50 FLANGE BOLT & NUT SET

PART No	d	G	l	v	s	TIGHTENING TORQUE	No. OF PIECES	SUITS FLANGE	
6-587-420200040	M14	18/14	50	12	22	170 Nm 125.385 ft/lbs	8	Ø180 KV 70°	

Note: All dimensions are nominal for identification purposes only.

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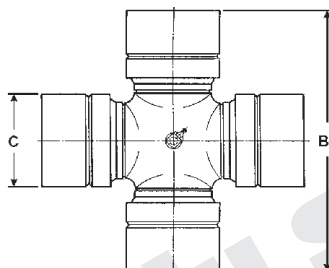
NOTE: Replaces 587.42 Series

C = 57.00

2.244

B1 = 152.00

5.984



687.55

UNIVERSAL JOINT KIT

PART No.	LUBE	DESCRIPTION
K5-A620	CENTRE	STANDARD (Same as GWB 587.42)
K5-A620W	CENTRE	AFTERMARKET JOINT (Same as GWB 587.42)
K5-A620-4X	CAP	LUBE IN EACH CAP (Same as GWB 587.42)
K5-A620SF	NONE	SERVICE FREE

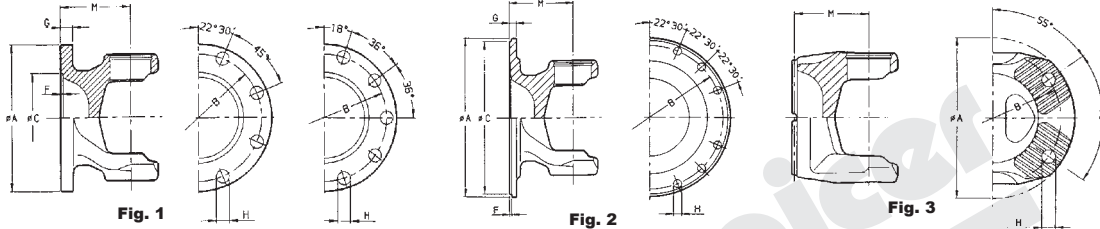
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687.55

FLANGE YOKE

FLANGE YOKE PART No.	FIG	FLANGE DIA. A	C/L OF U.J. TO FACE M	SPIGOT DIA. C	P.C.D. B	No. HOLES	HOLE DIA. H	MAX. ANGLE	COMMENTS
2-587-422000100	1	180.00 7.087	95.00 3.740	110.00 4.330	155.50 6.122	8	14.1 0.555	24°	180mm 24° 8 BOLT
2-587-422000080	1	180.00 7.087	95.00 3.740	110.00 4.330	155.50 6.122	8	16.1 0.634	24°	180mm 24° 8 BOLT
2-687-552700060#	1	180.00 7.087	115.00 4.528	110.00 4.330	155.50 6.122	8	14.1 0.555	35°	180mm 35° 8 BOLT
2-587-422000110	1	180.00 7.087	95.00 3.740	110.00 4.330	155.50 6.122	10	16.1 0.634	24°	180mm 24° STANDARD
2-687-552700000	1	180.00 7.087	115.00 4.528	110.00 4.330	155.50 6.122	10	16.1 0.555	35°	180mm 35° 10 BOLT
2-587-422300060	1	225.00 8.858	95.00 3.740	140.00 5.512	196.00 7.717	8	16.1 0.634	24°	225mm 24° 8 BOLT
2-587-422300070	1	225.00 8.858	96.00 3.779	140.00 5.512	196.00 7.717	12	16.1 0.634	24°	225mm 24° 12 Bolt
2-587-422410000	2	203.20 8.000	57.50 2.300	196.80 7.750	184.20 7.250	12	11.2 0.441	10°	1810 SPICER
2-587-422400060	2	203.20 8.000	95.00 3.740	196.80 7.750	184.20 7.250	12	11.2 0.441	24°	1810 SPICER
2-687-552000580#	3	150.00 5.906	92.00 3.622	N/A	130.00 5.118	4	13.1 0.516	27°	KV 70°
2-687-552700540	3	165.00 6.496	100.00 3.937	N/A	140.00 5.512	4	15.1 0.594	38°	KV 70°
2-687-552000510	3	180.00 7.087	92.00 3.622	N/A	150.00 5.906	4	15.1 0.594	25°	KV 70°
2-587-4220AU500	3	180.00 7.087	95.00 3.740	N/A	150.00 5.906	4	15.1 0.594	24°	KV 70°
2-687-552700550	3	180.00 7.087	108.00 4.252	N/A	150.00 5.906	4	15.1 0.594	44°	KV 70°

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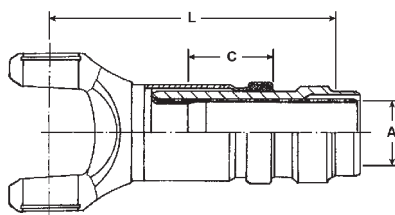
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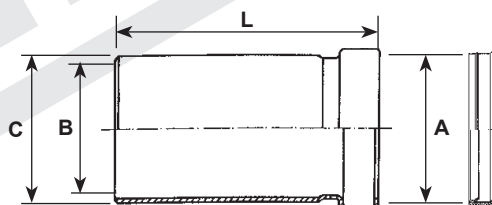
GWB 687.55



687.55

SLIP ASSEMBLY

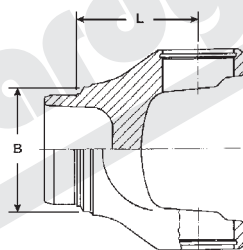
SLIP ASSEMBLY PART No.	INVOLUTE SPLINE O.D. & No. A	C/L OF UJ TO WELD POINT L	TOTAL SLIP C	TUBE SIZE & PART No.	MAX ANGLE	COMMENTS
6-687-557080200	78.00-38 3.071	287.00 11.299	110.00 4.331	120X6MM 4.724 x 0.236	25°	COVER TUBE ASSY 6-687-550900000
6-687-5570AU200	78.00-38 3.071	288.00 11.339	110.00 4.331	120X6MM 4.724 x 0.236	25°	ALTERNATE
6-687-557780200#	78.00-38 3.071	306.00 12.047	110.00 4.331	120X6MM 4.724 x 0.236	35°	
6-687-557080208	78.00-38 3.071	357.00 14.055	180.00 7.087	120X6MM 4.724 x 0.236	27°	



687.55

SPLINE COVER TUBE

PART No.	LENGTH L	SEAL DIA. A	TUBE OD C	TUBE ID B	COMMENTS
6-687-550900000	132.00 5.197	95.80 3.772	105.00 4.134	99.00 3.898	
6-687-550900030#	202.00 7.953	95.80 3.772	105.00 4.134	99.00 3.898	



687.55

WELD YOKE

WELD YOKE PART No.	C/LINE TO POINT OF WELD L	MAX. ANGLE	TUBE SIZE & PART No. B	COMMENTS
2-687-554000000	100.00 3.937	25°	120X6MM 4.724 x 0.236	
2-687-554700000#	114.00 4.488	35°	120X6MM 4.724 x 0.236	

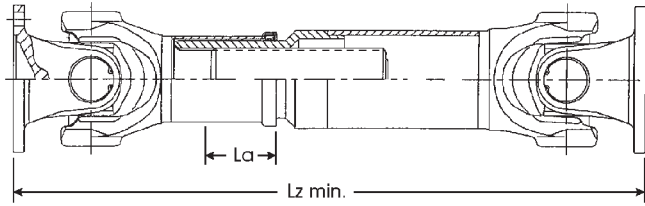
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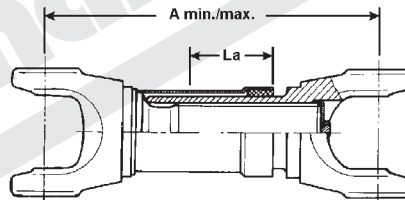
GWB 687.55



687.55 TUBULAR TYPE ASSEMBLY CHART

FLANGE YOKE PART No.	U.J. PART No.	SLIP STUB ASSEMBLY PART No.	FLANGE TO FLANGE CLOSED Lz min.	TOTAL SLIP La	TUBE SIZE & PART No.	WELD YOKE PART No.	MAX. STATIC ANGLE
2-587-422000110	K5-A620	6-687-557080200	622.00 24.488	110.00 4.331	120X6MM 4.724 x 0.236	2-687-554000000	25°

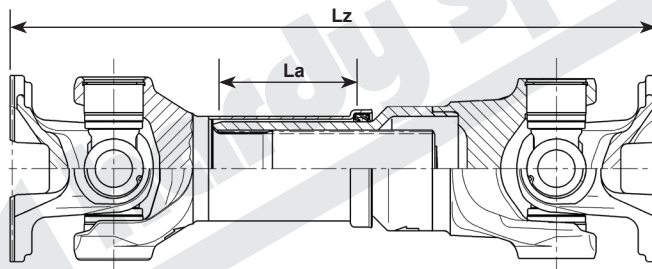
MORE FLANGE YOKE COMBINATIONS ARE AVAILABLE
PLEASE SEE FLANGE YOKE SECTION



687.55 SHORT COUPLED ASSY CHART

U.J. PART No.	SLIP YOKE & YOKE SHAFT PART No.	C/L U.J. TO C/L U.J. CLOSED max/min A	TOTAL SLIP min/max La	DUST COVER PART No.	MAX STATIC ANGLE	COMMENTS
K5-A620	6-687-557030600	333 / 283 13.11 / 11.14	110 / 50 4.33 / 1.97	6-687-550900000	24°	ORDER COVER TUBE SEPARATELY
K5-A620	6-687-557738420#	420 16.54	170 6.69	6-687-550900030#	44°	WIDE ANGLE FOR INTERAXLE SHAFTS

SEE ALSO 587-42 SHORT COUPLED ASSEMBLIES



687.55 INTERAXLE DRIVESHAFT

SHAFT PART No.	U.J. PART No.	FLANGES	LENGTH FACE TO FACE CLOSED Lz	TOTAL SLIP La	MAX STATIC ANGLE	COMMENTS
68755-22035432	K5-620SF	2-687-552700550	680.00 26.772	180.00 7.087	44°	XS180
68755-22244623	K5-620SF	2-687-552700550	645.00 25.394	130.00 5.118	44°	XS180
68755-9343434	K5-620SF	2-687-552700540	569.00 22.402	130.00 5.118	35°	XS165

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B:6-122

Hardy Spicer Driveshaft Components Catalogue

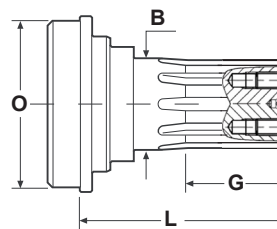
Note: All dimensions are
nominal for identification
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687.55

MIDSHIP STUB SHAFT

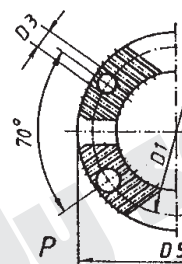
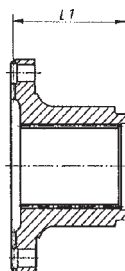
MIDSHIP STUB SHAFT PART No.	SPLINE OD & No.	LENGTH OF SPLINE G	END OF SPLINE TO POINT OF WELD L	TUBE PART No. & SIZE O	BEARING I.D. B	CENTRE BEARING PART No.	COMMENTS
2-113-701600011	69.40-26 2.732	48.00 1.890	127.00 5.000	120X6MM	70.00 2.756	TORO-30-9292	SUIT TORO AVAILABLE WHILE STOCK LASTS

XS180 COMPANION FLANGE TO SUIT 2-113-705200502

BOLT (2 REQUIRED) 1-000-008002269

RETAINER 1-000-008206405

Midship bolt tightening torque = 137Nm +/- 15Nm



687.55

COMPANION FLANGE

COMPANION FLANGE PART No.	SPLINE OD & No.	GROUND HUB O.D.	LENGTH THROUGH HUB	LENGTH FACE TO END L1	FLANGE OD	PCD DIA	BOLT HOLES	COMMENTS
2-113-705200502	69.40-26 2.732	N/A	50.80 2.000	84.50 3.327	180.00 7.087	150.00 5.905	15.10 x 4 0.516	XS180 AVAILABE WHILE STOCK LASTS

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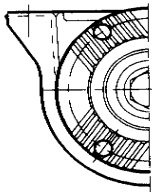


Fig 1

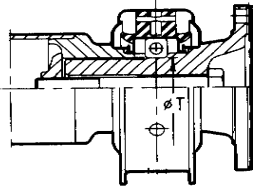


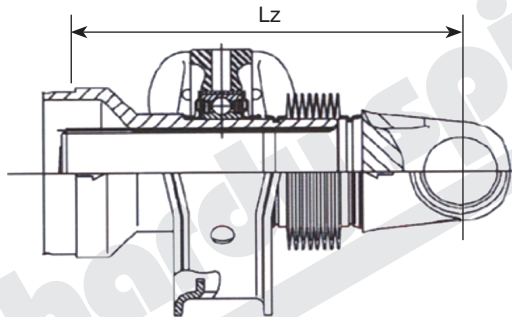
Fig 2

687.55 MIDSHIP ASSY INCL BEARING

MIDSHIP ASSY PART No.	LENGTH TO WELD	BRG ID	FACE TO C/BRG C	CENTRE HEIGHT H	CENTRE BEARING ASSY PART No.	F I G	FLANGE OD	PCD DIA	COMMENTS
7-613-700900560 SEE NOTE 1	185.00 7.283	70.00 2.756	107.00 4.213	85.80 3.378	6-113-700184060 SOLID RUBBER 6-613-700100030 STANDARD	1	180.00 7.087	150.00 5.905	XS180 C/F
7-113-700900513 SEE NOTE 2	162.00 6.378	70.00 2.756	107.00 4.213	85.80 3.378	VOL-21082632	2	180.00 7.087	150.00 5.905	XS180 C/F 1 x WASHER, 2 x SCREWS WASHER 1-000-008206405 SCREWS 1-000-008002269

Note 1: Midship bolt tightening torque = 350Nm +/- 25Nm

Note 2: Midship bolt tightening torque = 137Nm +/- 15Nm



687.55 MIDSHIP SLIP ASSY INCL BEARING

MIDSHIP ASSY PART No.	TUBE SIZE & PART No.	LENGTH CENTRE TO WELD Lz	TOTAL SLIP La	BRG ID	CENTRE BEARING ASSY PART No.	SUIT U.J.	RUBBER BOOT	COMMENTS
7-613-850800070	120X6MM	294.00 11.575	110.00 4.331	85.00 3.346	6-613-850100040	K5-A620	1-000-008401015	SUIT MAN/IVECO

INDIVIDUAL ASSEMBLY PARTS ARE AVAILABLE ON INDENT BASIS ONLY
M/S YOKE SHAFT 2-687-557000500#
M/S SLIP SLEEVE 2-613-858000020#

Note: All dimensions are nominal for identification purposes only.

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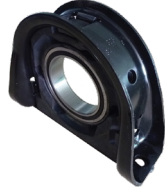
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687.55

CENTRE BEARINGS

Hardy Spicer Part No.	Description	Rubber Cushion	Centre Height	Bearing Width	Bearing ID	Bolt Hole Centres
6-613-700100030	 687-55/60/65 Standard	Fluted Rubber	85.8mm	20mm	70mm	220mm
6-113-700127190	 687-55/60/65 DAF, Iveco Reinforced Bolt Holes	Soft Solid Rubber	85.8mm	20mm	70mm	220mm
6-113-700184060	 687-55/60/65, DAF	Solid Rubber	85.8mm	20mm	70mm	220mm
VOL-21082632	 687-55/60/65 Volvo Sealed Brg	Semi Fluted	85mm	26mm	70mm	220mm
6-613-850100040 MAN OEM Part No. 81.39410.6021	 687-55 MAN / Iveco Sealed Brg		90mm	26mm	85mm	220mm

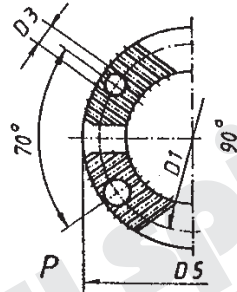
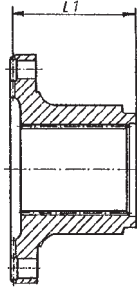
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KV COMPANION FLANGES

SPLINED HOLE

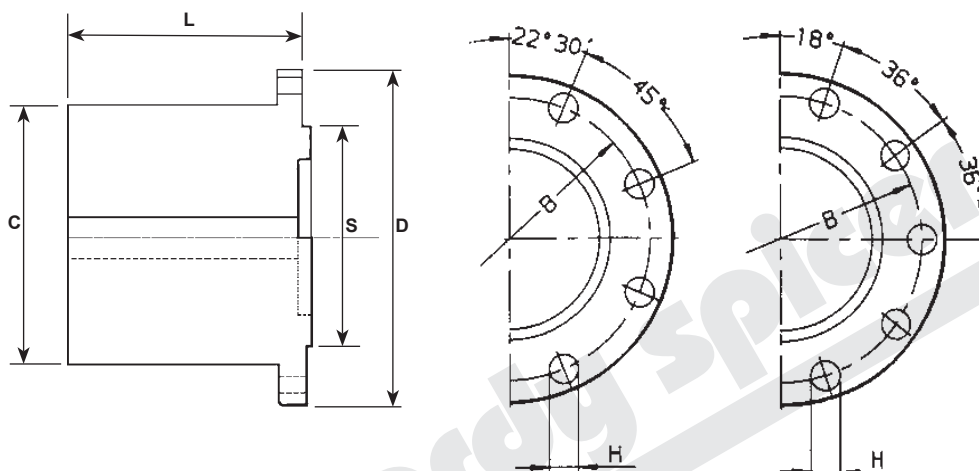
PART No.	SPLINE O.D. & No.	GROUND HUB O.D.	LENGTH THROUGH HUB	FLANGE FACE TO HUB END L1	FLANGE O.D. P	BOLT HOLES D3	COMMENTS
587-42-1-3291KV	1.960 - 10 49.78	3.000 76.20	2.250 57.15	3.346 85.00	7.087 180.00	0.594 x 4 15.1	
587-42-1-6371KV	2.024 - 39 51.40	3.000 76.20	2.319 58.90	3.346 85.00	7.087 180.00	0.594 x 4 15.1	Rockwell / Meritor RT140 - 145 - RT380
587-42-1-3201KV	2.374 - 46 60.33	3.250 82.50	2.874 73.00	3.937 100.00	7.087 180.00	0.594 x 4 15.1	Rockwell / Meritor RT180 - 185 - 380
250-1-15	2.390 - 46 60.71	N/A N/A	2.750 69.85	3.500 88.90	7.087 180.00	0.594 x 4 15.1	SUITS 18N-53-171 & 250-53-11 MIDSHIP STUB
587-42-1-1361KV	2.503 - 19 63.58	3.500 88.90	3.780 96.00	5.378 136.60	7.087 180.00	0.594 x 4 15.1	
587-42-1-3361KV	2.574 - 20 65.38	3.500 88.90	3.390 86.10	4.431 110.00	7.087 180.00	0.594 x 4 15.1	
587-42-1-1901KV	2.750 - 10 69.85	3.500 88.90	3.000 76.20	4.331 110.00	7.087 180.00	0.594 x 4 15.1	
587-42-1-3491KV	2.750 - 10 69.85	3.750 95.25	3.000 76.20	4.331 110.00	7.087 180.00	0.594 x 4 15.1	Eaton / Spicer RT14613-14615-14715 15613-16718B-16609-16613 16618-18718B and various others
587-42-1-4631KV	2.794 - 54 70.97	3.750 95.25	2.750 69.85	4.134 105.00	7.087 180.00	0.594 x 4 15.1	Eaton / Spicer RT14-15-16-18-20 Series

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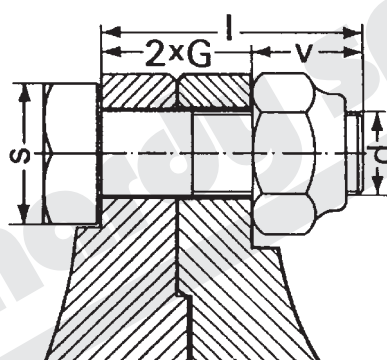


687.55

COMPANION FLANGE

CIRCULAR TYPE - ROUND HOLE

PART No.	BORE DIA.	HUB O.D.	FLANGE FACE TO END OF HUB L	MAX BORE WITH STD KEY	BOLT HOLE DIA. & No. H	P.C.D. B	SPIGOT DIA. S	FLANGE O.D. D	COMMENTS
DIN-1-180814	30.00 1.181	132.00 5.197	170.00 6.693	100.00 3.937	14.1 x 8 0.555	155.5 6.122	M-110.00 M-4.331	180.00 7.087	
DIN-1-1801016	30.00 1.181	132.00 5.197	170.00 6.693	100.00 3.937	16.1 x 10 0.634	155.5 6.122	M-110.00 M-4.331	180.00 7.087	
DIN-1-225816	50.00 1.969	171.00 6.732	185.00 7.283	115.00 4.528	16.1 x 8 0.634	196.0 7.717	M-140.00 M-5.512	225.00 8.858	
587-42-1-PBKV#	-	128.00 5.039	160.50 6.319	90.00 3.543	15.1 x 4 0.594	150.0 5.906	-	180.00 7.087	SOLID HUB XS180



Joint flange

687.55

FLANGE BOLT & NUT SET

PART No	d	G	I	V	S	TIGHTENING TORQUE	No. OF PIECES	SUITS FLANGE
6-190-500200020	M16	15	50	20	24	295 Nm 217.552 ft/lbs	16	Ø225
6-190-550200120	M16	14	50	22	24	295 Nm 217.552 ft/lbs	20	Ø180
6-587-420200040	M14	18/14	50	12	22	170 Nm 125.385 ft/lbs	8	Ø180 KV 70°

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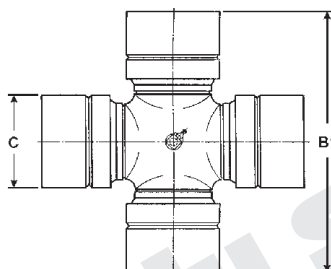
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C = 59.00
2.323
B1 = 167.69
6.602



687.60

UNIVERSAL JOINT KIT

PART No.	LUBE	DESCRIPTION
K5-A733	CENTRE	STANDARD
K5-A733SF	NONE	SERVICE FREE

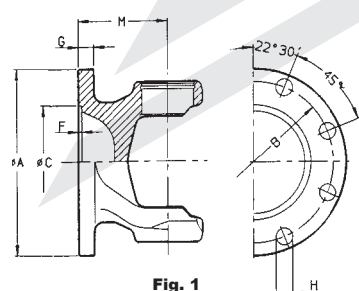


Fig. 1

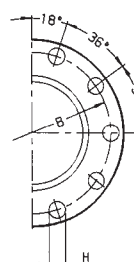


Fig. 2

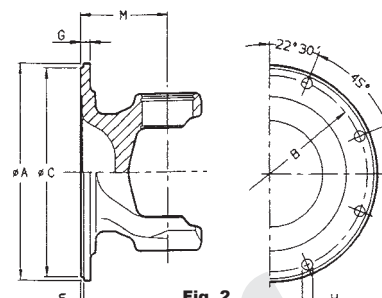


Fig. 3

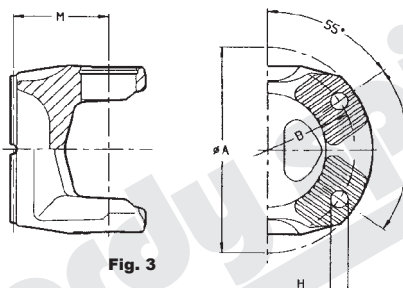


Fig. 3

687.60

FLANGE YOKE

FLANGE YOKE PART No.	FIG	FLANGE DIA. A	C/L OF U.J. TO FACE M	SPIGOT DIA. C	P.C.D. B	No. HOLES	HOLE DIA. H	MAX. ANGLE	COMMENTS
2-687-602018099	1	180.00 7.087	110.00 4.331	110.00 4.331	155.50 6.122	10	16.1 0.634	25°	Ø180 10 BOLT
2-687-602300510	3	180.00 7.087	100.00 3.937	N/A	150.00 5.906	4	15.1 0.594	27°	Ø180 KV 70°
2-687-6023AU510	3	180.00 7.087	100.00 3.937	N/A	150.00 5.906	4	15.1 0.594	27°	Ø180 KV 70° ALTERNATE
2-687-602400010	2	203.20 8.000	86.00 3.386	196.80 7.748	184.10 7.248	12	11.0 0.433	25°	1810 SPICER

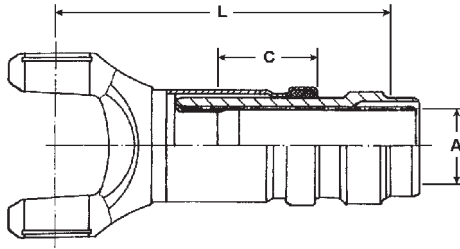
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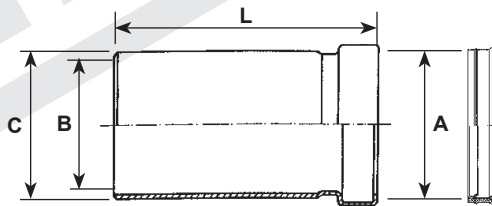
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SLIP ASSEMBLY

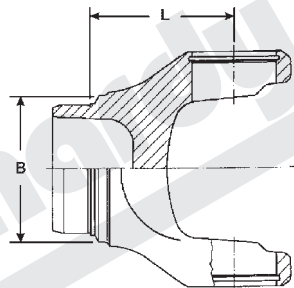
SLIP ASSEMBLY PART No.	INVOLUTE SPLINE O.D. & No. A	C/L OF UJ TO WELD POINT L	TOTAL SLIP C	TUBE SIZE & PART No.	COMMENTS
6-687-607080200	82.00-32 3.228	285.00 11.220	110.00 4.331	130X6MM 5.118 x 0.236	COVER TUBE ASSY 6-687-600900000
6-687-6070AU200	82.00-32 3.071	314.00 12.362	110.00 4.331	130X6MM 5.118 x 0.236	ALTERNATE



687.60

SPLINE COVER TUBE

PART No.	LENGTH L	SEAL DIA. A	TUBE OD C	TUBE ID B	COMMENTS
6-687-600900000	132.00 5.197	100.60 3.960	110.00 4.331	103.90 4.091	



687.60

WELD YOKE

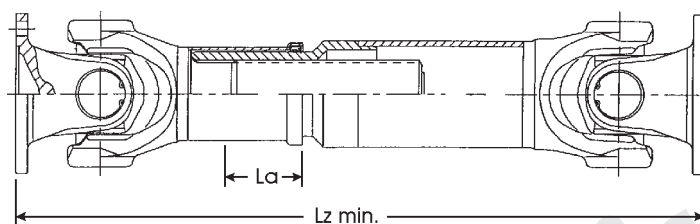
WELD YOKE PART No.	C/LINE TO POINT OF WELD L	MAX. ANGLE	TUBE SIZE & PART No. B	COMMENTS
2-687-604000000	105.00 4.134	27°	130X6MM 5.118 x 0.236	
2-687-6040AU000	105.00 4.134	27°	130X6MM 5.118 x 0.236	ALTERNATE

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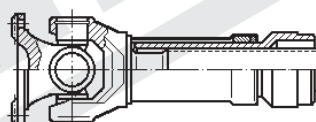
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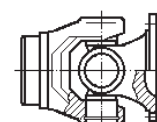
687.60 TUBULAR TYPE ASSEMBLY CHART

FLANGE YOE PART No.	U.J. PART No.	SLIP STUB ASSEMBLY PART No.	FLANGE TO FLANGE CLOSED Lz min.	TOTAL SLIP La	TUBE SIZE & PART No.	WELD YOE PART No.	MAX. STATIC ANGLE
2-687-602300510	K5-A733	6-687-607080200	635.00 25.000	110.00 4.331	130X6MM 5.118 x 0.236	2-687-604000000	27°

SLIP JOINT ASSEMBLY



FIXED JOINT ASSEMBLY



687.60 JOINT ASSEMBLIES

SLIP JOINT ASSEMBLY PART No.	FLANGE TO POINT OF WELD CLOSED	TOTAL SLIP	FLANGE DETAILS	FIXED JOINT ASSEMBLY PART No.	FLANGE TO POINT OF WELD
7-687-600701260	385.00 15.157	110.00 4.381	2-687-602300510 180 KV x 4 Holes x 15 Ø	7-687-600401060	205.00 8.071

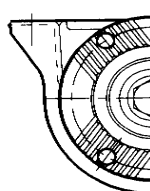


Fig 1

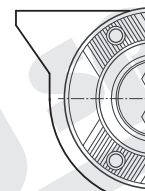
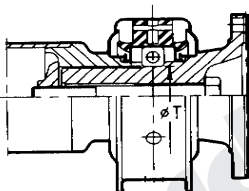
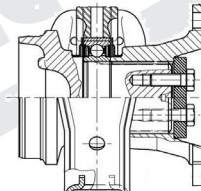


Fig 2



687.60 MIDSHIP ASSY INCL BEARING

MIDSHIP ASSY PART No.	LENGTH TO WELD	BRG ID	FACE TO C/BRG C	CENTRE HEIGHT H	CENTRE BEARING ASSY PART No.	F I G	FLANGE OD	PCD DIA	COMMENTS
7-613-700900570# SEE NOTE 1	185.00 7.283	70.00 2.756	107.00 4.213	85.80 3.378	6-113-700184060 SOLID RUBBER	1	180.00 7.087	150.00 5.905	XS180 C/F
7-613-700900500 SEE NOTE 1	185.00 7.283	70.00 2.756	107.00 4.213	85.80 3.378	6-613-700100030 STANDARD	1	180.00 7.087	150.00 5.905	XS180 C/F
7-613-700910860 SEE NOTE 2	162.00 6.378	70.00 2.756	107.00 4.213	85.80 3.378	VOL-21082632	2	180.00 7.087	150.00 5.905	XS180 C/F 1 x WASHER, 2 x SCREWS WASHER 1-000-008206405 SCREWS 1-000-008002269

Note 1: Midship bolt tightening torque = 350Nm +/- 25Nm
Note 2: Midship bolt tightening torque = 137Nm +/- 15Nm

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CENTRE BEARINGS

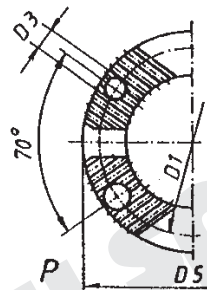
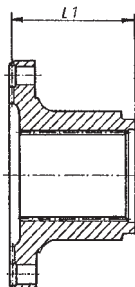
Hardy Spicer Part No.	Description	Rubber Cushion	Centre Height	Bearing Width	Bearing ID	Bolt Hole Centres
6-113-700184060	 687-60/65 DAF	Solid	85.8mm	20mm	70mm	220mm
6-113-700127190	 DAF / Iveco Reinforced Bolt Holes	Soft Solid	85.8mm	20mm	70mm	220mm
6-613-700100030	 687-60/65 Standard	Standard Fluted	85.8mm	20mm	70mm	220mm
VOL-21082632	 687-55/60/65 Volvo Sealed Brg	Semi Fluted	85mm	26mm	70mm	220mm

Note: All dimensions are nominal for identification purposes only.

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KV COMPANION FLANGES

SPLINED HOLE							
PART No.	SPLINE O.D. & No.	GROUND HUB O.D.	LENGTH THROUGH HUB	FLANGE FACE TO HUB END L1	FLANGE O.D. P	BOLT HOLES D3	COMMENTS
587-42-1-3291KV	1.960 - 10 49.78	3.000 76.20	2.250 57.15	3.346 85.00	7.087 180.00	0.594 x 4 15.1	
587-42-1-6371KV	2.024 - 39 51.40	3.000 76.20	2.319 58.90	3.346 85.00	7.087 180.00	0.594 x 4 15.1	Rockwell / Meritor RT140 - 145 - RT380
587-42-1-3201KV	2.374 - 46 60.33	3.250 82.50	2.874 73.00	3.937 100.00	7.087 180.00	0.594 x 4 15.1	Rockwell / Meritor RT180 - 185 - 380
250-1-15	2.390 - 46 60.71	N/A N/A	2.750 69.85	3.500 88.90	7.087 180.00	0.594 x 4 15.1	SUITS 18N-53-171 & 250-53-11 MIDSHIP STUB
587-42-1-1361KV	2.503 - 19 63.58	3.500 88.90	3.780 96.00	5.378 136.60	7.087 180.00	0.594 x 4 15.1	
587-42-1-3361KV	2.574 - 20 65.38	3.500 88.90	3.390 86.10	4.431 110.00	7.087 180.00	0.594 x 4 15.1	
587-42-1-1901KV	2.750 - 10 69.85	3.500 88.90	3.000 76.20	4.331 110.00	7.087 180.00	0.594 x 4 15.1	
587-42-1-3491KV	2.750 - 10 69.85	3.750 95.25	3.000 76.20	4.331 110.00	7.087 180.00	0.594 x 4 15.1	Eaton / Spicer RT14613-14615-14715 15613-16718B-16609-16613 16618-18718B and various others
587-42-1-4631KV	2.794 - 54 70.97	3.750 95.25	2.750 69.85	4.134 105.00	7.087 180.00	0.594 x 4 15.1	Eaton / Spicer RT14-15-16-18-20 Series

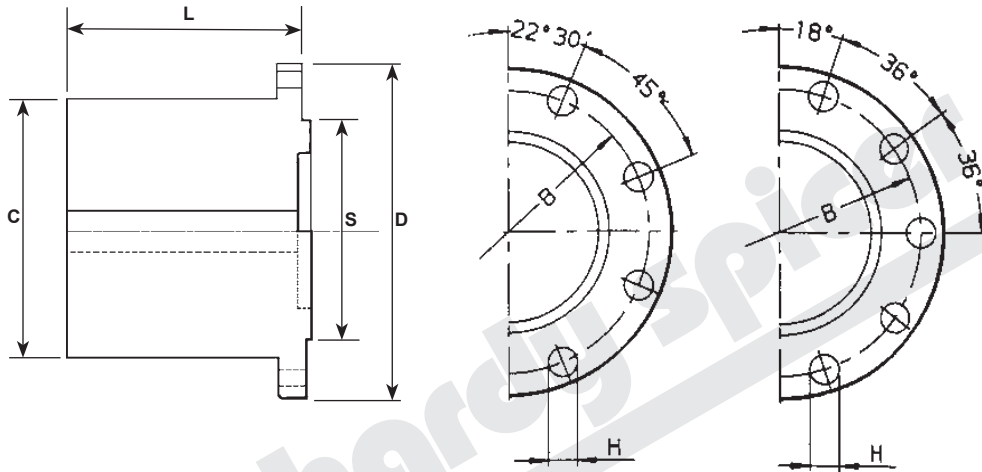
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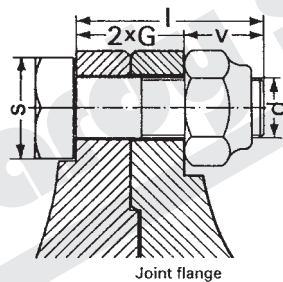


687.60

COMPANION FLANGE

CIRCULAR TYPE - ROUND HOLE

PART No.	BORE DIA.	HUB O.D.	FLANGE FACE TO END OF HUB L	MAX BORE WITH STD KEY	BOLT HOLE DIA. & No.	P.C.D.	SPIGOT DIA.	FLANGE O.D.	COMMENTS
		C			H	B	S	D	
DIN-1-1801016	30.00 1.181	132.00 5.197	170.00 6.693	100.00 3.937	16.1 x 10 0.634	155.5 6.122	M-110.00 M-4.331	180.00 7.087	
587-42-1-PBKV#	-	128.00 5.039	160.50 6.319	90.00 3.543	15.1 x 4 0.594	150.0 5.906	-	180.00 7.087	SOLID HUB KV FACE



Joint flange

687.60

FLANGE BOLT & NUT SET

PART No	d	G	I	V	S	TIGHTENING TORQUE	No. OF PIECES	SUITS FLANGE
6-587-420200040	M14	18/14	50	12	22	170 Nm 125.385 ft/lbs	8	Ø180 KV 70°
6-190-550200120	M16	14	50	22	24	295 Nm 217.581 ft/lbs	20	Ø180

Note: All dimensions are nominal for identification purposes only.

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Hardy Spicer Driveshaft Components Catalogue

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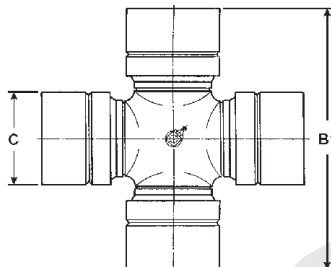
NOTE: Replaces 587.48 Series

C = 65.00

2.559

B1 = 172.00

6.772



687.65

UNIVERSAL JOINT KIT

PART No.	LUBE	DESCRIPTION
K5-A643	CENTRE	STANDARD (Same as GWB 587.48)
K5-A643W	CENTRE	AFTERMARKET
K5-A643SF	NONE	SERVICE FREE
K5-A643-4X	CAP	4 x LUBE IN CAP

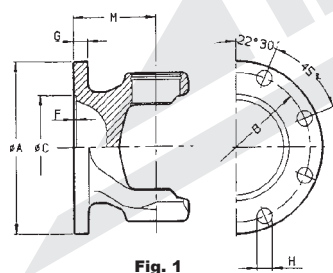


Fig. 1

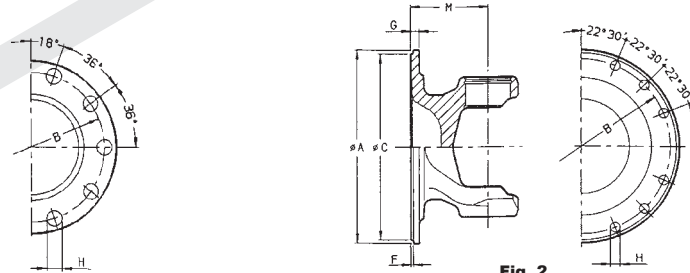


Fig. 2

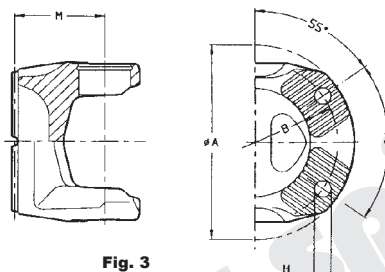


Fig. 3

687.65

FLANGE YOKE

FLANGE YOKE PART No.	FIG	FLANGE DIA. A	C/L OF U.J. TO FACE M	SPIGOT DIA. C	P.C.D. B	No. HOLES	HOLE DIA. H	MAX. ANGLE	COMMENTS
2-587-482727100	1	180.00 7.087	110.00 4.331	110.00 4.331	155.50 6.122	10	16.1 0.634	30°	180mm STANDARD
2-587-482800060	1	225.00 8.858	110.00 4.331	140.00 5.512	196.00 7.717	8	16.1 0.634	30°	225mm 8 BOLT
1-122-301-0025	1	225.00 8.858	110.00 4.331	140.00 5.512	196.00 7.717	10	16.1 0.634	30°	225mm 10 BOLT
2-587-482800000	1	225.00 8.858	110.00 4.331	140.00 5.512	196.00 7.717	12	16.1 0.634	30°	225mm 12 BOLT
2-587-482800120	1	250.00 9.843	110.00 4.331	140.00 5.512	218.00 8.583	8	18.1 0.713	30°	250mm
2-587-482400030	2	203.20 8.000	110.00 4.331	196.80 7.750	184.20 7.250	12	11.1 0.437	30°	1810 SPICER
2-587-482400190	2	247.70 9.752	107.00 4.213	177.80 7.000	209.55 8.250	8	16.1 0.634	25°	1880 SPICER
2-687-652000510	3	180.00 7.087	105.00 4.134	N/A	150.00 5.906	4	15.1 0.594	25°	XS180

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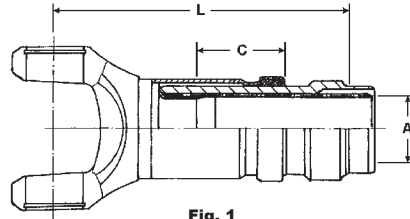
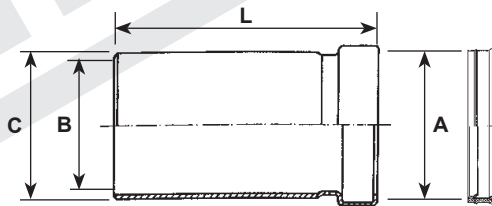


Fig. 1

687.65

SLIP ASSEMBLY

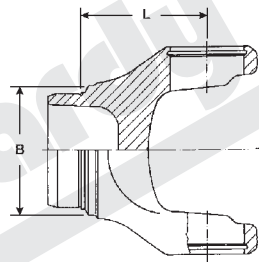
SLIP ASSEMBLY PART No.	FIG	INVOLUTE SPLINE O.D. & No. A	C/L OF UJ TO WELD POINT L	TOTAL SLIP C	TUBE SIZE & PART No.	COMMENTS
6-687-657080200	1	88.00-32 3.465	308.00 12.125	110.00 4.381	142X6MM 5.591 x 0.236	COVER TUBE ASSEMBLY 6-687-650900000
6-687-6570AU200	1	90.00-34 3.543	338.00 13.307	110.00 4.381	142X6MM 5.591 x 0.236	ALTERNATE



687.65

SPLINE COVER TUBE

PART No.	LENGTH L	SEAL DIA. A	TUBE OD C	TUBE ID B	COMMENTS
6-687-650900000	132.00 5.197	108.80 4.283	118.00 4.646	112.00 4.409	



687.65

WELD YOKE

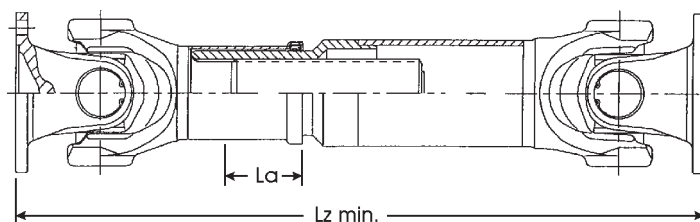
WELD YOKE PART No.	C/LINE TO POINT OF WELD L	MAX. ANGLE	TUBE SIZE & PART No. B	COMMENTS
2-687-654000000	113.00 4.449	25°	142X6MM 5.591 x 0.236	
2-687-6540AU100	116.00 4.567	25°	142X6MM 5.591 x 0.236	ALTERNATE

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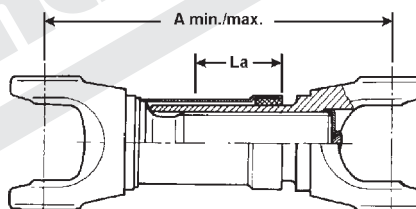
GWB 687.65



687.65 TUBULAR TYPE ASSEMBLY CHART

FLANGE YOKE PART No.	U.J. PART No.	SLIP STUB ASSEMBLY PART No.	FLANGE TO FLANGE CLOSED Lz min.	TOTAL SLIP La	TUBE SIZE & PART No.	WELD YOKE PART No.	MAX. STATIC ANGLE
2-587-482727100	K5-A643	6-687-657080200	686.00 27.007	110.00 4.331	142X6MM 5.591 x 0.236	2-687-654000000	25°

MORE FLANGE YOKE COMBINATIONS ARE AVAILABLE
PLEASE SEE FLANGE YOKE SECTION



687.65 SHORT COUPLED ASSY CHART

U.J. PART No.	SLIP YOKE & YOKE SHAFT PART No.	C/L U.J. TO C/L U.J. CLOSED max/min A	TOTAL SLIP min/max La	DUST COVER PART No.	MAX STATIC ANGLE	COMMENTS
K5-A643	6-687-657030600	364 / 304 14.33 / 11.97	110 / 50 4.33 / 1.97	6-687-650900000	25°	ORDER COVER TUBE SEPARATELY
K5-A643	6-687-657636805#	240 9.45	50 1.97	6-687-650900000	10°	9.06 DESIGN SHAFT INCL COVER TUBE

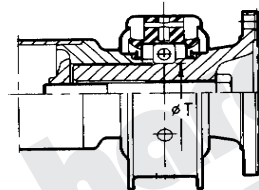
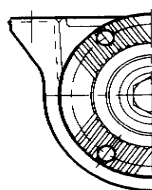


Fig 1

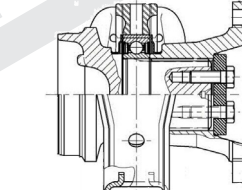
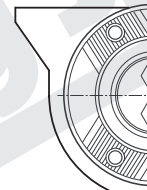


Fig 2

687.65 MIDSHIP ASSY INCL BEARING

MIDSHIP ASSY PART No.	LENGTH TO WELD	BRG ID	FACE TO C/BRG C	CENTRE HEIGHT H	CENTRE BEARING ASSY PART No.	F I G	FLANGE OD	PCD DIA	COMMENTS
7-613-700900580 SEE NOTE 1	188.00 7.402	70.00 2.756	107.00 4.213	85.80 3.378	6-113-700184060 SOLID RUBBER	1	180.00 7.087	150.00 5.905	XS180 C/F
7-613-700900500 SEE NOTE 1	188.00 7.402	70.00 2.756	107.00 4.213	85.80 3.378	6-613-700100030 STANDARD	1	180.00 7.087	150.00 5.905	XS180 C/F
7-113-700900515 SEE NOTE 2	162.00 6.378	70.00 2.756	107.00 4.213	85.80 3.378	VOL-21082632	2	180.00 7.087	150.00 5.905	XS180 C/F 1 x WASHER, 2 x SCREWS WASHER 1-000-008206405 SCREWS 1-000-008002269

Note 1: Midship bolt tightening torque = 350Nm +/- 25Nm
Note 2: Midship bolt tightening torque = 137Nm +/- 15Nm

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Note: All dimensions are
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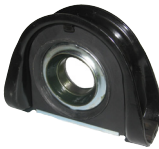
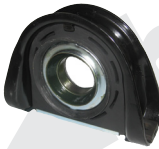
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CENTRE BEARINGS

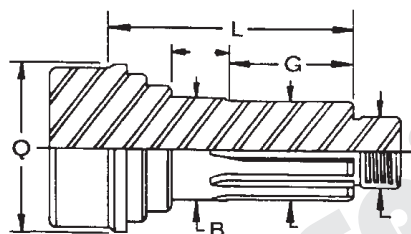
Hardy Spicer Part No.	Description	Rubber Cushion	Centre Height	Bearing Width	Bearing ID	Bolt Hole Centres
6-113-700184060	 687-60/65 DAF	Solid	85.8mm	20mm	70mm	220mm
6-113-700127190	 DAF / Iveco Reinforced Bolt Holes	Soft Solid	85.8mm	20mm	70mm	220mm
6-613-700100030	 687-60/65 Standard	Standard Fluted	85.8mm	20mm	70mm	220mm
VOL-21082632	 687-55/60/65 Volvo Sealed Brg	Semi Fluted	85mm	26mm	70mm	220mm
126-700-11724#	 Cast Bracket Klein 700 DAF		88mm	43mm	70mm	220mm Ø15mm 30mm Slots
126-700-10202	 Cast Bracket Klein 700 IVECO		88mm	43mm	70mm	220mm Ø15mm

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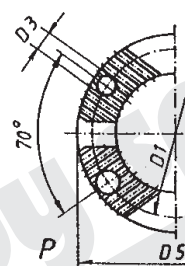
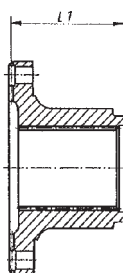


687.65

MIDSHIP STUB SHAFT

MIDSHIP STUB SHAFT PART No.	SPLINE OD & No.	LENGTH OF SPLINE G	END OF SPLINE TO POINT OF WELD L	TUBE PART No. & SIZE O	BEARING I.D. B	CENTRE BEARING PART No.	COMMENTS
700-57-15479	70.00-26 2.756	81.00 3.189	175.00 6.890	140X5MM	70.00 2.756	126-700-10202 126-700-11724	IVECO DAF

ORDER WASHER 261-700-15477 & NUT 243-000-03641 SEPERATELY
Midship nut tightening torque = 415Nm +/- 35Nm



687.65

COMPANION FLANGE

COMPANION FLANGE PART No.	SPLINE OD & No.	GROUND HUB O.D.	LENGTH THROUGH HUB	LENGTH FACE TO END L1	FLANGE OD	PCD DIA	BOLT HOLES	COMMENTS
700-1-15821	70.00-26 2.756	N/A	78.60 3.094	85.50 3.336	180.00 7.087	150.00 5.905	15.10 x 4 0.516	XS180 IVECO & DAF

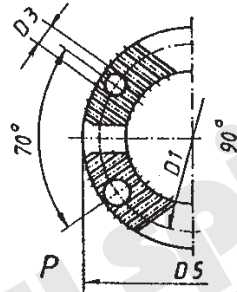
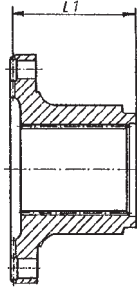
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687.65

KV COMPANION FLANGES

SPLINED HOLE

PART No.	SPLINE O.D. & No.	GROUND HUB O.D.	LENGTH THROUGH HUB	FLANGE FACE TO HUB END L1	FLANGE O.D. P	BOLT HOLES D3	COMMENTS
587-42-1-3291KV	1.960 - 10 49.78	3.000 76.20	2.250 57.15	3.346 85.00	7.087 180.00	0.594 x 4 15.1	
587-42-1-6371KV	2.024 - 39 51.40	3.000 76.20	2.319 58.90	3.346 85.00	7.087 180.00	0.594 x 4 15.1	Rockwell / Meritor RT140 - 145 - RT380
587-42-1-3201KV	2.374 - 46 60.33	3.250 82.50	2.874 73.00	3.937 100.00	7.087 180.00	0.594 x 4 15.1	Rockwell / Meritor RT180 - 185 - 380
250-1-15	2.390 - 46 60.71	N/A N/A	2.750 69.85	3.500 88.90	7.087 180.00	0.594 x 4 15.1	SUITS 18N-53-171 & 250-53-11 MIDSHIP STUB
587-42-1-1361KV	2.503 - 19 63.58	3.500 88.90	3.780 96.00	5.378 136.60	7.087 180.00	0.594 x 4 15.1	
587-42-1-3361KV	2.574 - 20 65.38	3.500 88.90	3.390 86.10	4.431 110.00	7.087 180.00	0.594 x 4 15.1	
587-42-1-1901KV	2.750 - 10 69.85	3.500 88.90	3.000 76.20	4.331 110.00	7.087 180.00	0.594 x 4 15.1	
587-42-1-3491KV	2.750 - 10 69.85	3.750 95.25	3.000 76.20	4.331 110.00	7.087 180.00	0.594 x 4 15.1	Eaton / Spicer RT14613-14615-14715 15613-16718B-16609-16613 16618-18718B and various others
587-42-1-4631KV	2.794 - 54 70.97	3.750 95.25	2.750 69.85	4.134 105.00	7.087 180.00	0.594 x 4 15.1	Eaton / Spicer RT14-15-16-18-20 Series

Note: All dimensions are nominal for identification purposes only.

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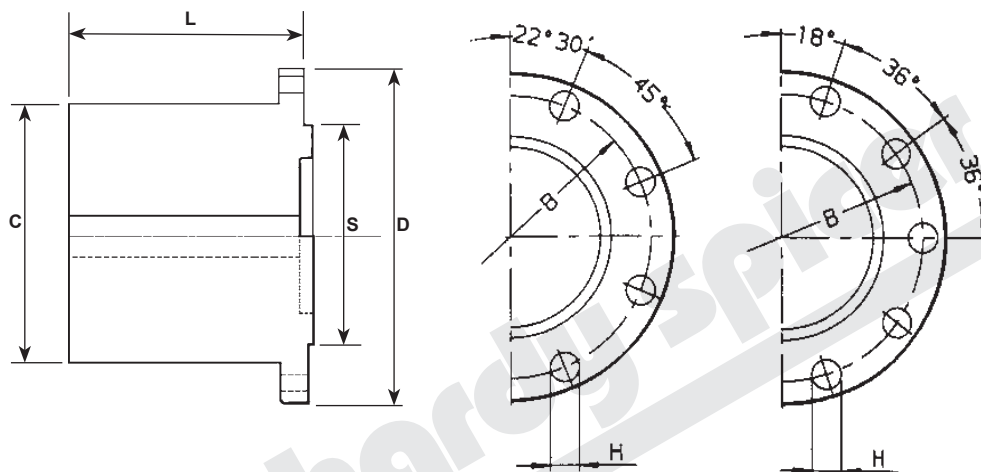
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COMPANION FLANGE

CIRCULAR TYPE - ROUND HOLE

PART No.	BORE DIA.	HUB O.D.	FLANGE FACE TO END OF HUB	MAX BORE WITH STD KEY	BOLT HOLE DIA. & No.	P.C.D.	SPIGOT DIA.	FLANGE O.D.	COMMENTS
		C	L		H	B	S	D	
DIN-1-1801016	30.00 1.181	132.00 5.197	170.00 6.693	100.00 3.937	16.1 x 10 0.634	155.5 6.122	M-110.00 M-4.331	180.00 7.087	
DIN-1-225816	50.00 1.969	171.00 6.732	185.00 7.283	115.00 4.528	16.1 x 8 0.634	196.0 7.717	M-140.00 M-5.512	225.00 8.858	
587-42-1-PBKV#	-	128.00 5.039	160.50 6.319	90.00 3.543	15.1 x 4 0.594	150.0 5.906	-	180.00 7.087	SOLID HUB KV FACE

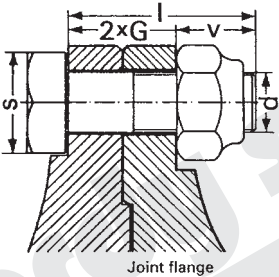
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687.65 FLANGE BOLT & NUT SET

PART No	d	G	I	V	S	TIGHTENING TORQUE	No. OF PIECES	SUITS FLANGE
6-190-500200020	M16	15	50	20	24	295 Nm 217.552 ft/lbs	16	Ø225
6-190-550200120	M16	14	50	22	24	295 Nm 217.552 ft/lbs	20	Ø180
6-587-420200040	M14	18/14	50	12	22	170 Nm 125.385 ft/lbs	8	Ø180 KV 70°
6-190-550200020	M18	18	60	24	27	405 Nm 298.712 ft/lbs	16	Ø250

Note: All dimensions are nominal for identification purposes only.

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GWB 390.60

C = 83.00

3.268

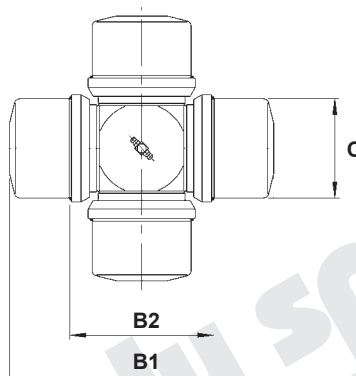
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5.079

B1 = 235.80

9.283

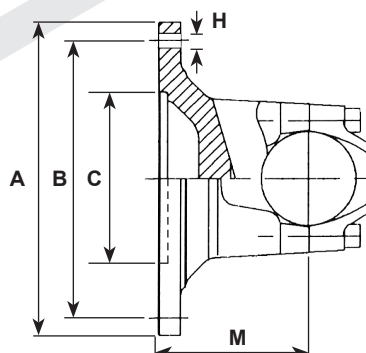
B1 Dimension is a nominal size only for reference



390.60

UNIVERSAL JOINT KIT

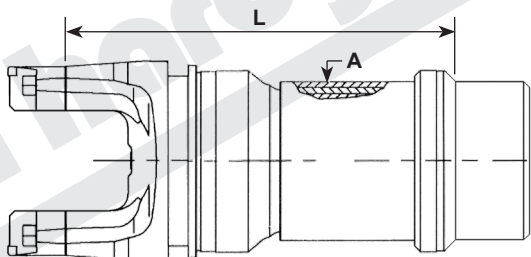
PART No.	LUBE	BEARING CAP BOLT	BOLT SIZE	TIGHTENING TORQUE	
K5-A714	SIDE	1-000-008003353	M14x70	225 Nm (New)	260 Nm (Used)
K5-A714-4X	CAP x 4	1-000-008003353	M14x70	225 Nm (New)	260 Nm (Used)



390.60

FLANGE YOKE

FLANGE YOKE PART No.	FIG	FLANGE DIA. A	C/L OF U.J. TO FACE M	SPIGOT DIA. C	P.C.D. B	No. HOLES	HOLE DIA. H	MAX. ANGLE	COMMENTS
2-390-602000000		285.00 11.220	135.00 5.315	175.00 6.890	245.00 9.646	8	20.1 0.791	15°	



390.60

SLIP ASSEMBLY

SLIP ASSEMBLY PART No.	INVOLUTE SPLINE O.D. & No. A	C/L OF UJ TO WELD POINT L	TOTAL SLIP La	TUBE SIZE & PART No.	MAX STATIC ANGLE	COMMENTS
6-390-601180800	120x2.5-46T 4.724	390.00 15.354	100.00 3.937	167-7X9-8MM 6.602 x 0.385	15°	

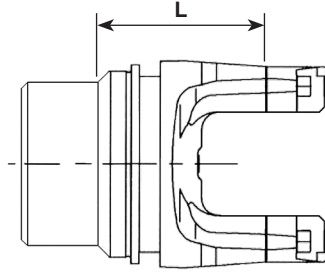
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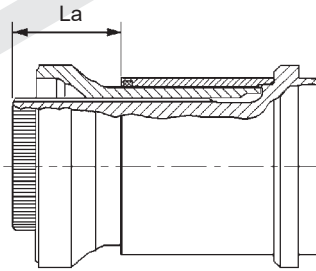
GWB 390.60



390.60

WELD YOKE

WELD YOKE PART No.	C/LINE TO POINT OF WELD L	MAX. ANGLE	TUBE SIZE & PART No. B	COMMENTS
2-390-604200000	160.00 6.299	15°	167-7X9-8MM 6.602 x 0.385	

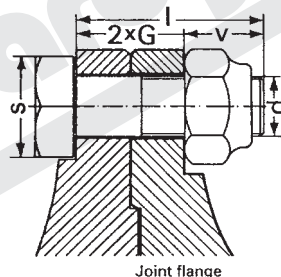


390.60

SPLINED SLEEVE ASSY

SHAFT PART No.	POINT OF WELD TO POINT OF WELD CLOSED	TOTAL SLIP La	BUTT DIAMETER	COMMENTS
6-390-601180281#	230.00 9.055	100.00 3.937	148.10 5.831	BOTH MALE AND FEMALE BUTTS ARE SAME DIAMETER

ALSO SUITS 587.55, 587.60 & 392.50 SERIES
REPLACEMENT COVER TUBE ASSEMBLY - 6-390-600900000.



390.60

FLANGE BOLT & NUT SET

PART No	d	G	I	V	S	TIGHTENING TORQUE	No. OF PIECES	SUITS FLANGE
6-190-600200020	M20	20	64	24	30	580 Nm 427.750 ft/lbs	16	Ø285

Note: All dimensions are
nominal for identification
purposes only.

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GWB 390.65

C = 95.00

3.740

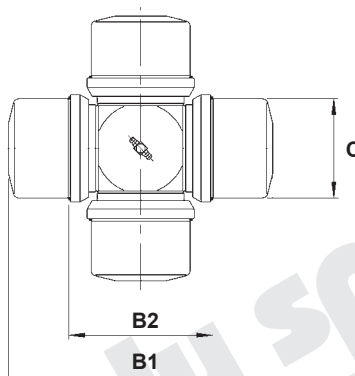
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5.472

B1 = 258.80

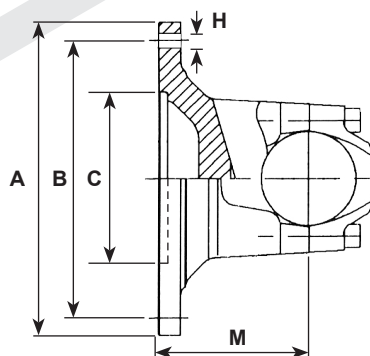
10.189

B1 Dimension is a nominal size only for reference



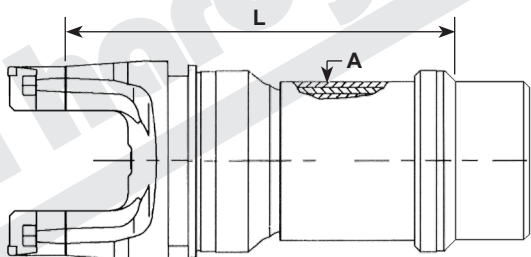
390.65 UNIVERSAL JOINT KIT

PART No.	LUBE	BEARING CAP BOLT	BOLT SIZE	TIGHTENING TORQUE	
K5-A715	SIDE	1-000-008003352	M16x75	340 Nm (New)	395 Nm (Used)
K5-A715-4X	CAP x 4	1-000-008003352	M16x75	340 Nm (New)	395 Nm (Used)



390.65 FLANGE YOKE

FLANGE YOKE PART No.	FIG	FLANGE DIA.	C/L OF U.J. TO FACE	SPIGOT DIA.	P.C.D.	No. HOLES	HOLE DIA.	MAX. ANGLE	COMMENTS
		A	M	C	B		H		
2-390-652000000		315.00 12.402	150.00 5.906	175.00 6.890	280.00 11.024	8	22.1 0.870	15°	



390.65 SLIP ASSEMBLY

SLIP ASSEMBLY PART No.	INVOLUTE SPLINE O.D. & No. A	C/L OF UJ TO WELD POINT L	TOTAL SLIP La	TUBE SIZE & PART No.	MAX STATIC ANGLE	COMMENTS
6-390-651180800	150x3-48T 5.806	450.00 15.354	135.00 5.315	218-2X8-7MM 8.591 x 0.343	15°	

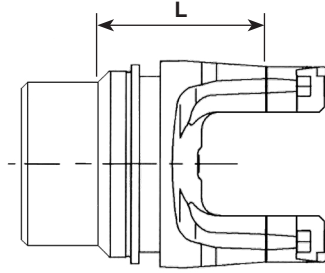
Note: All dimensions are nominal for identification purposes only.

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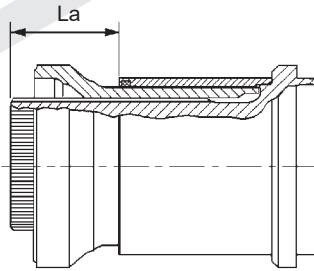
GWB 390.65



390.65

WELD YOKE

WELD YOKE PART No.	C/LINE TO POINT OF WELD L	MAX. ANGLE	TUBE SIZE & PART No. B	COMMENTS
2-390-654200000	180.00 7.087	15°	218-2X8-7MM 8.591 x 0.343	

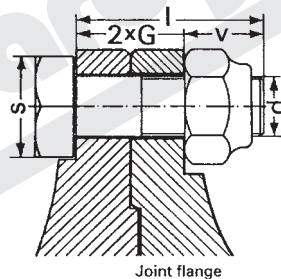


390.65

SPLINED SLEEVE ASSY

SHAFT PART No.	POINT OF WELD TO POINT OF WELD CLOSED	TOTAL SLIP La	BUTT DIAMETER	COMMENTS
6-390-651180281#	270.00 10.630	135.00 5.315	200.80 7.906	BOTH MALE AND FEMALE BUTTS ARE SAME DIAMETER

ALSO SUITS 392.55 SERIES
CAN ALSO BE MODIFIED TO SUIT 390.70 & 392.60 SERIES.



390.65

FLANGE BOLT & NUT SET

PART No	d	G	I	V	S	TIGHTENING TORQUE	No. OF PIECES	SUITS FLANGE
6-190-650200020	M22	22	70	26	32	780 Nm 575.250 ft/lbs	16	Ø315

Note: All dimensions are
nominal for identification
purposes only.

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GWB 390.70

C = 110.00

4.331

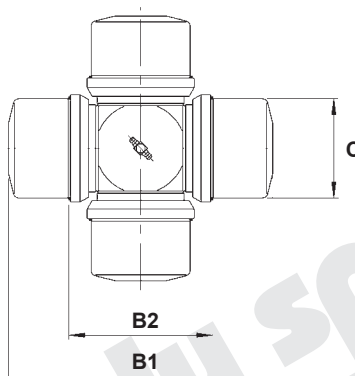
B2 = 160.00

6.299

B1 = 293.40

11.551

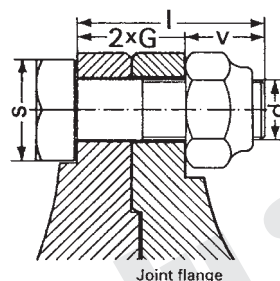
B1 Dimension is a nominal size only for reference



390.70

UNIVERSAL JOINT KIT

PART No.	LUBE	BEARING CAP BOLT	BOLT SIZE	TIGHTENING TORQUE	
K5-A716	CENTRE	1-000-008003350	M18x90	500 Nm (New)	580 Nm (Used)
K5-A716-4X#	4 x CAP	1-000-008003350	M18x90	500 Nm (New)	580 Nm (Used)



390.70

FLANGE BOLT & NUT SET

PART No	d	G	I	V	S	TIGHTENING TORQUE	No. OF PIECES	SUITS FLANGE
6-190-700200020	M22	25	75	25	32	780 Nm 575.250 ft/lbs	20	Ø350

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GWB 390.70

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Issue Date:	01/06/26



GWB 390.75

C = 120.00

4.724

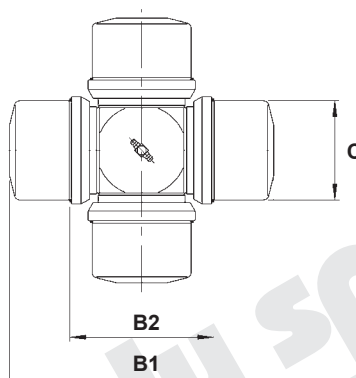
B2 = 176.00

6.929

B1 = 325.20

12.803

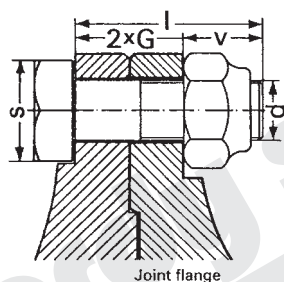
B1 Dimension is a nominal size only for reference



390.75

UNIVERSAL JOINT KIT

PART No.	LUBE	BEARING CAP BOLT	BOLT SIZE	TIGHTENING TORQUE	
K5-A717#	CENTRE	1-000-008003358	M20x100	700 Nm (New)	840 Nm (Used)
K5-A717-4X#	CAP x 4	1-000-008003358	M20x100	700 Nm (New)	840 Nm (Used)



Joint flange

390.75

FLANGE BOLT & NUT SET

PART No	d	G	I	V	S	TIGHTENING TORQUE	No. OF PIECES	SUITS FLANGE
6-190-750200020	M24	28	85	29	36	1000 Nm 737.561 ft/lbs	20	Ø390

Note: All dimensions are nominal for identification purposes only.

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GWB 390.75



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GWB 392 Series

C = 74.00

2.913

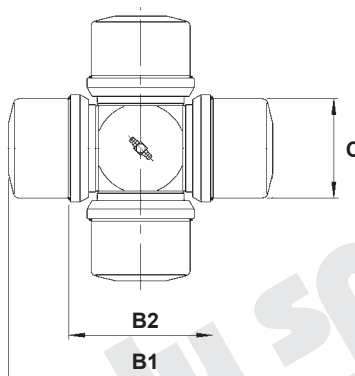
B2 = 129.00

5.079

B1 = 222.00

8.704

B1 Dimension is a nominal size only for reference



392.50

UNIVERSAL JOINT KIT

PART No.	LUBE	BEARING CAP BOLT	BOLT SIZE	TIGHTENING TORQUE	DESCRIPTION
K5-A707	CENTRE	1-000-008003353	M14x70	225 Nm (New) 260 Nm (Used)	STANDARD
K5-A707W	CENTRE	1-000-008003353	M14x70	225 Nm (New) 260 Nm (Used)	AFTERMARKET
K5-A707-4XV#	CAPS x 4	1-000-008003353	M14x70	225 Nm (New) 260 Nm (Used)	VITON SEALS

C = 83.00

3.268

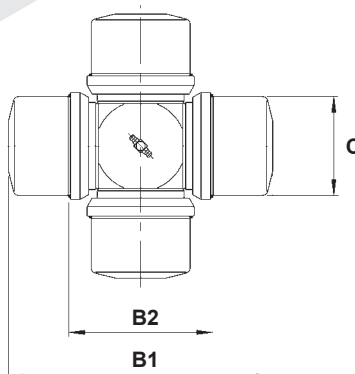
B2 = 139.00

5.472

B1 = 246.00

9.685

B1 Dimension is a nominal size only for reference



392.55

UNIVERSAL JOINT KIT

PART No.	LUBE	BEARING CAP BOLT	BOLT SIZE	TIGHTENING TORQUE	DESCRIPTION
K5-A709	CENTRE	1-000-008003352	M16x75	340 Nm (New) 395 Nm (Used)	STANDARD
K5-A709-4X	CAP	1-000-008003352	M16x75	340 Nm (New) 395 Nm (Used)	4 x LUBE IN CAP

C = 95.00

3.740

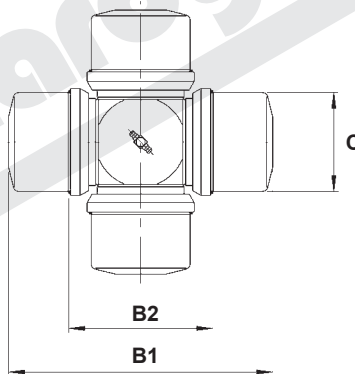
B2 = 160.00

6.299

B1 = 279.60

11.008

B1 Dimension is a nominal size only for reference



392.60

UNIVERSAL JOINT KIT

PART No.	LUBE	BEARING CAP BOLT	BOLT SIZE	TIGHTENING TORQUE	DESCRIPTION
K5-A710	CENTRE	1-000-008003350	M18x90	500 Nm (New) 580 Nm (Used)	

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GWB 292/392/393

C = 110.00

4.331

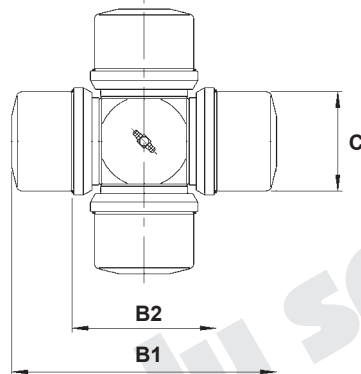
B2 = 176.00

6.929

B1 = 309.60

12.189

B1 Dimension is a nominal size only for reference



392.65

UNIVERSAL JOINT KIT

PART No.	LUBE	BEARING CAP BOLT	BOLT SIZE	TIGHTENING TORQUE	
K5-A711	CENTRE	1-000-008003358	M20x100	700 Nm (New)	840 Nm (Used)
K5-A711-4X#	CAP x 4	1-000-008003358	M20x100	700 Nm (New)	840 Nm (Used)

C = 154.00

6.063

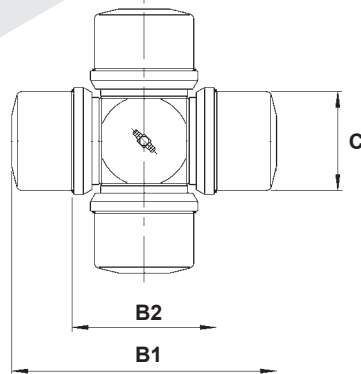
B2 = 250.00

9.843

B1 = 430.00

16.929

B1 Dimension is a nominal size only for reference



292/392/393.80

UNIVERSAL JOINT KIT

PART No.	LUBE	BEARING CAP BOLT	BOLT SIZE	TIGHTENING TORQUE	
K5-A820#	CENTRE	1-000-008003224	M22x2.0x120	860 Nm (New)	990 Nm (Used)

C = 195.00

7.677

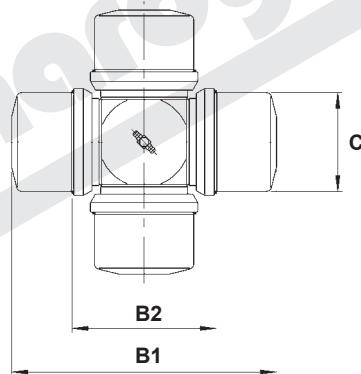
B2 = 315.00

12.402

B1 = 530.00

20.866

B1 Dimension is a nominal size only for reference



Note: All dimensions are nominal for identification purposes only.

392/393.90

UNIVERSAL JOINT KIT

PART No.	LUBE	BEARING CAP BOLT	BOLT SIZE	TIGHTENING TORQUE	
K5-A821#	CENTRE	1-000-008003226	M27x2.0x160	1660 Nm (New)	1920 Nm (Used)

INDENT ONLY

B:6-152

Hardy Spicer Driveshaft Components Catalogue

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109.....	B:6-153
110.....	B:6-157
112.....	B:6-161
113.....	B:6-163
148, 158, 117.....	B:6-165
120, 122.....	B:6-166

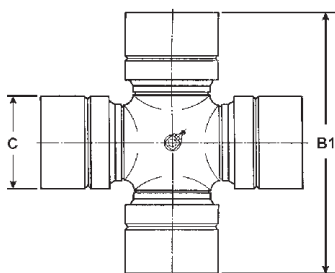
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ELBE TORQUE RATINGS



TORQUE RATINGS

SERIES	C	B1	FUNCTIONAL LIMIT TORQUE	FATIGUE TORQUE	
105	17.00	41.00	250Nm	117Nm	
106	19.00	48.00	520Nm	156Nm	
107	22.00	58.00	1200Nm	322Nm	
109	28.50	70.90	2200Nm	700Nm	
110	30.00	83.00	3000Nm	1000Nm	
112	35.00	97.00	4350Nm	1500Nm	
113	38.00	106.00	5350Nm	1800Nm	
148	42.00	117.50	7050Nm	2500Nm	
158	48.00	126.00	10650Nm	4000Nm	
117	53.00	135.00	13000Nm	4500Nm	
120	57.00	152.00	21900Nm	7300Nm	
122	65.00	172.00	35000Nm	11300Nm	

This is a comparison guide only, the figures should **NOT** be used for selecting driveshaft series.
A full selection should be done by Hardy Spicer to take into account all contributing factors.

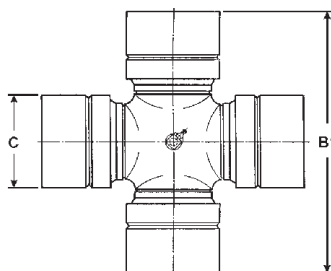
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ELBE 105 Series

C = 17.00
0.669
B1 = 41.00
1.614



105 UNIVERSAL JOINT KIT

PART No.	LUBE	DESCRIPTION
K5-A667	CENTRE	STANDARD
K5-A894	CAP	SIDE OF CAP

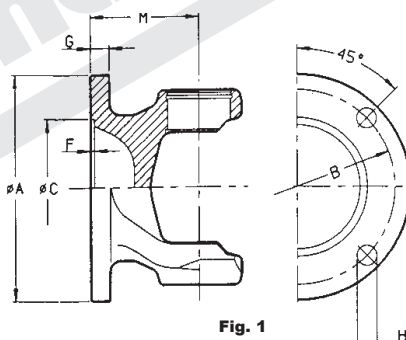
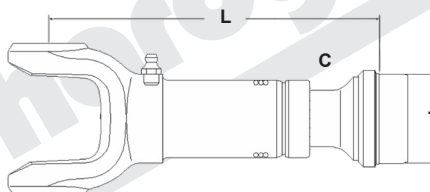


Fig. 1

105 FLANGE YOKE

FLANGE YOKE PART No.	FIG	FLANGE DIA. A	C/L OF U.J. TO FACE M	SPIGOT DIA. C	P.C.D. B	No. HOLES	HOLE DIA. H	MAX. ANGLE	COMMENTS
1-105-300-001	1	58.00 2.283	30.00 1.181	30.00 1.181	47.00 1.850	4	5.0 0.197	30°	STANDARD



105 SLIP ASSEMBLY

SLIP YOKE ASSY PART No.	INVOLUTE SPLINE O.D. & No.	CENTRE LINE TO POINT OF WELD COMP L	TOTAL SLIP C	MAX ANGLE	TUBE SIZE & PART No. T	
0-105-090-101	20.00-12 0.787	120.00 4.724	25.00 0.985	30°	28X1-1/2MM 1.102 x 0.059	

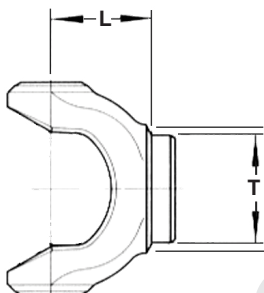
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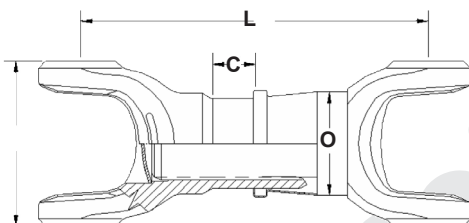
ELBE 105



105

WELD YOKE

WELD YOKE PART No.	CENTRE LINE TO POINT OF WELD L	MAX. ANGLE	TUBE SIZE T		
1-105-330-001	32.00 1.260	30°	28X1-1/2MM 1.102 x 0.059		



105

SHORT COUPLED ASSEMBLY

SLIP ASSY PART No.	INVOLUTE SPLINE O.D. & No.	CENTRE TO CENTRE COMP L	TOTAL SLIP C	MAX ANGLE		
0-105-081-102 #	20.00-12 0.787	115.00 4.528	25.00 0.985	30°		

Note: All dimensions are nominal for identification purposes only.

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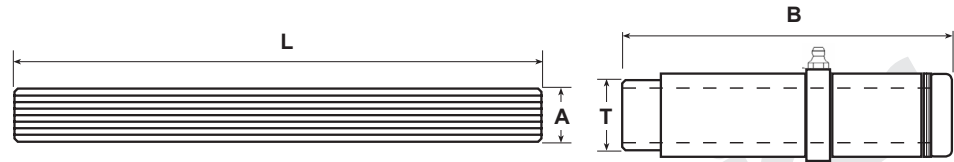
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B:6-156

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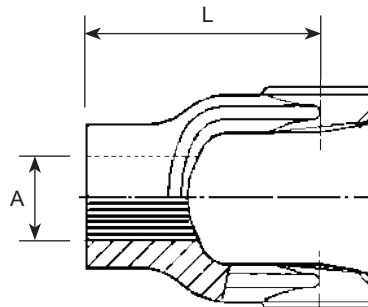
ELBE 105



105

BAR & NIB

ASSY PART No.	INVOLUTE SPLINE O.D. & No. A	BAR LENGTH L	SLIP LENGTH L	NIB LENGTH B	BUTT SIZE T	
0-105-093-490 #	20mm x 12spl 0.787	490.00 19.291	400.00 15.985	85.00 3.346	25.24 0.994	BAR & NIB NOT AVAILABLE SEPARATELY



105

END / BAR YOKE

ASSY PART No.	INVOLUTE SPLINE O.D. & No. A	BAR YOKE LENGTH C-E L	MAX ANGLE	
1-105-320-003 #	20mm x 12spl 0.787	45.00 1.772	25°	

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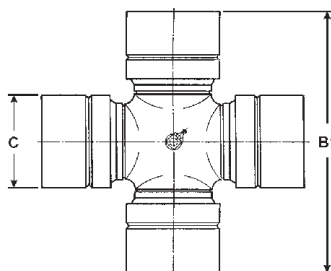
ELBE 105

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ELBE 106 Series

C = 19.00
0.748
B1 = 48.00
1.890



106 UNIVERSAL JOINT KIT

PART No.	LUBE	DESCRIPTION
K5-A637	CENTRE	STANDARD

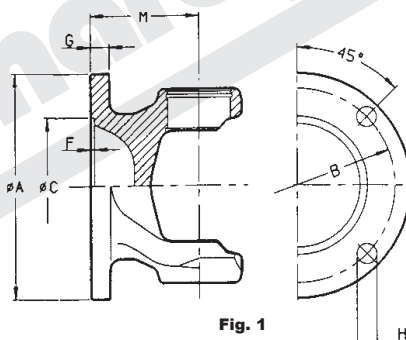
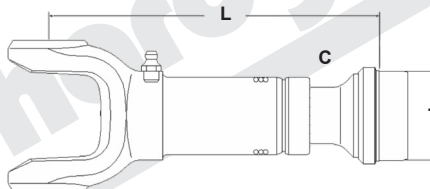


Fig. 1

106 FLANGE YOKE

FLANGE YOKE PART No.	FIG	FLANGE DIA. A	C/L OF U.J. TO FACE M	SPIGOT DIA. C	P.C.D. B	No. HOLES	HOLE DIA. H	MAX. ANGLE	COMMENTS
1-106-300-001	1	65.00 2.559	32.00 1.260	35.00 1.378	52.00 2.047	4	6.0 0.236	30°	STANDARD



106 SLIP ASSEMBLY

SLIP YOKE ASSY PART No.	INVOLUTE SPLINE O.D. & No.	CENTRE LINE TO POINT OF WELD COMP L	TOTAL SLIP C	MAX ANGLE	TUBE SIZE & PART No. T	
0-106-090-101	25.00-15 0.984	135.00 5.315	30.00 1.181	30°	32X1-1/2MM 1.260 x 0.059	

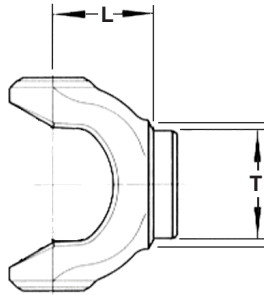
Note: All dimensions are nominal for identification purposes only.

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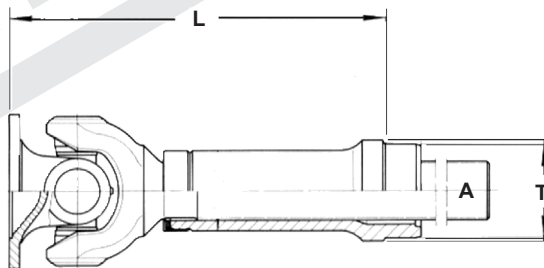
ELBE 106



106

WELD YOKE

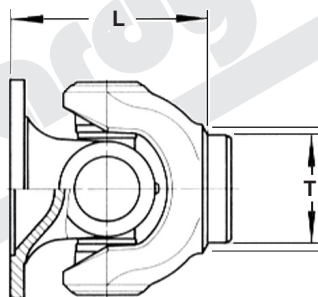
WELD YOKE PART No.	CENTRE LINE TO POINT OF WELD L	MAX. ANGLE	TUBE SIZE T	
1-106-330-001	32.00 1.260	20°	32X1-1/2MM 1.260 x 0.059	



106

SLIP JOINT ASSEMBLY

SLIP YOKE PART No.	INVOLUTE SPLINE O.D. & No. A	FACE TO POINT OF WELD L	TOTAL SLIP C	MAX ANGLE	TUBE SIZE & PART No. T	FLANGE PART No. & OD
0-106-070-0001#	20.00-15 0.787	171.00 6.732	60.00 2.362	30°	32X1-1/2MM 1.260 x 0.059	1-106-300-001 65.00



106

FIXED JOINT ASSEMBLY

WELD YOKE PART No.	FACE TO POINT OF WELD L	MAX. ANGLE	TUBE SIZE & PART No. T	FLANGE PART No. & SIZE
0-106-050-0001#	65.00 2.260	30°	32X1-1/2MM 1.260 x 0.059	1-106-300-001 65.00

INDENT ONLY

B:6-160

Hardy Spicer Driveshaft Components Catalogue

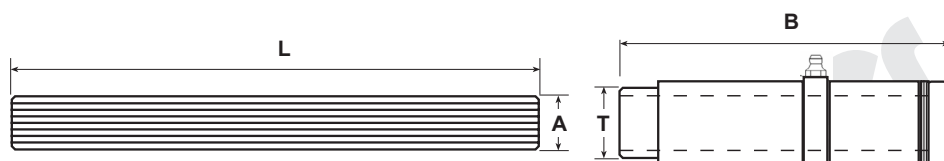
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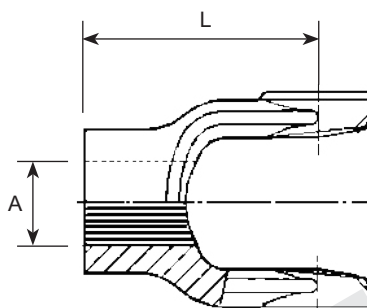
ELBE 106



106

BAR & NIB

ASSY PART No.	INVOLUTE SPLINE O.D. & No. A	BAR LENGTH L	SLIP LENGTH L	NIB LENGTH B	BUTT SIZE T	
0-106-093-006 #	25mm x 15spl	380.00 14.961	290.00 11.417	100.00 3.937	29.24 1.151	BAR & NIB NOT AVAILABLE SEPARATELY



106

END / BAR YOKE

ASSY PART No.	INVOLUTE SPLINE O.D. & No. A	BAR YOKE LENGTH C-E L	MAX ANGLE	
1-106-320-003 #	25mm x 15spl 0.984	60.00 2.362	20°	

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ELBE 106

Note: All dimensions are nominal for identification purposes only.

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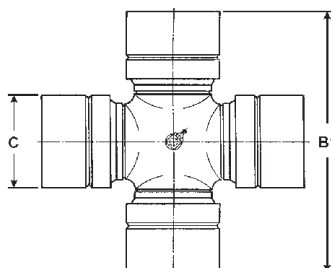
ELBE 107 Series

C = 22.00

0.866

B1 = 58.00

2.283



107

UNIVERSAL JOINT KIT

PART No.	LUBE	DESCRIPTION
K5-A672	CENTRE	STANDARD

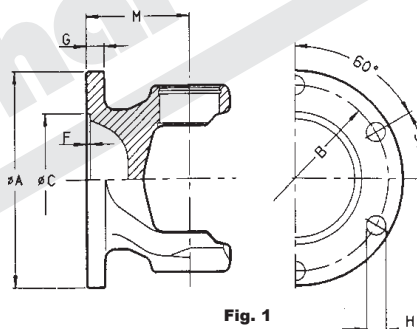
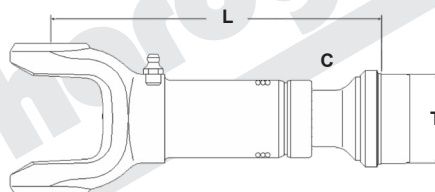


Fig. 1

107

FLANGE YOKE

FLANGE YOKE PART No.	FIG	FLANGE DIA. A	C/L OF U.J. TO FACE M	SPIGOT DIA. C	P.C.D. B	No. HOLES	HOLE DIA. H	MAX. ANGLE	COMMENTS
1-107-300-001	1	75.00 2.953	36.00 1.417	42.00 1.654	62.00 2.441	6	6.0 0.236	30°	STANDARD
1-107-300-002 #		75.00 2.953	36.00 1.417	42.00 1.654	-	-	-	30°	SEMI-FINISHED



107

SLIP ASSEMBLY

SLIP YOKE ASSY PART No.	INVOLUTE SPLINE O.D. & No.	CENTRE LINE TO POINT OF WELD COMP L	TOTAL SLIP C	MAX ANGLE	TUBE SIZE & PART No. T	
0-107-090-101	28.00-17 1.102	151.00 5.945	35.00 1.378	30°	40X2MM 1.575 x 0.079	

INDENT ONLY

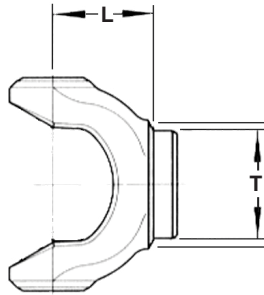
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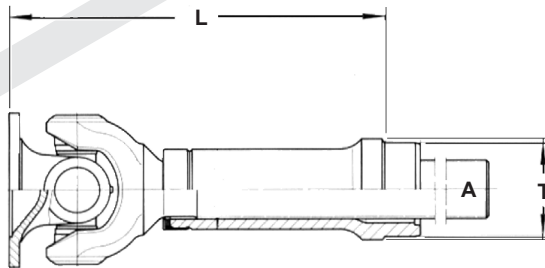
ELBE 107



107

WELD YOKE

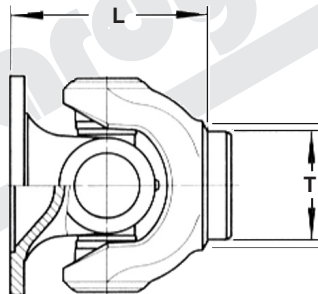
WELD YOKE PART No.	CENTRE LINE TO POINT OF WELD L	MAX. ANGLE	TUBE SIZE T	
1-107-330-001	46.00 1.811	18°	40X2MM 1.575 x 0.079	



107

SLIP JOINT ASSEMBLY

SLIP YOKE PART No.	INVOLUTE SPLINE O.D. & No. A	FACE TO POINT OF WELD L	TOTAL SLIP C	MAX ANGLE	TUBE SIZE & PART No. T	FLANGE PART No. & OD
0-107-070-0001#	28.00-17 1.102	197.00 7.756	70.00 2.756	30°	40X2MM 1.575 x 0.079	1-107-300-001 75.00



107

FIXED JOINT ASSEMBLY

WELD YOKE PART No.	FACE TO POINT OF WELD L	MAX. ANGLE	TUBE SIZE & PART No. T	FLANGE PART No. & SIZE
0-107-050-0001 #	75.00 2.953	30°	40X2MM 1.575 x 0.079	1-107-300-001 75.00

INDENT ONLY

B:6-164

Hardy Spicer Driveshaft Components Catalogue

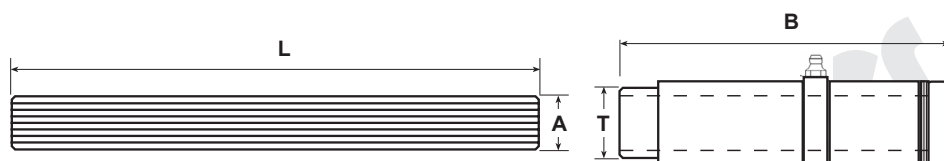
Note: All dimensions are nominal for identification purposes only.

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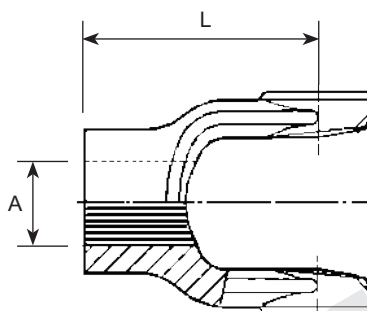
ELBE 107



107

BAR & NIB

ASSY PART No.	INVOLUTE SPLINE O.D. & No. A	BAR LENGTH L	SLIP LENGTH L	NIB LENGTH B	BUTT SIZE T	
0-107-093-006 #	28mm x 17spl	415.00 16.339	310.00 12.205	115.00 4.528	36.20 1.425	BAR & NIB NOT AVAILABLE SEPARATELY



107

END / BAR YOKE

ASSY PART No.	INVOLUTE SPLINE O.D. & No. A	BAR YOKE LENGTH C-E L	MAX ANGLE	
1-107-320-003 #	28mm x 17spl 1.102	55.00 2.165	18°	

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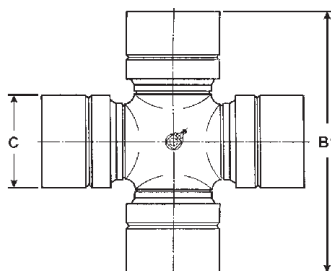
ELBE 109 Series

C = 28.50

1.122

B1 = 70.90

2.791



109

UNIVERSAL JOINT KIT

PART No.	LUBE	DESCRIPTION
K5-A741	CENTRE	STANDARD
K5-A676	CENTRE	OLD SERIES 109 (CAP = 28.00 B1 = 71.50)

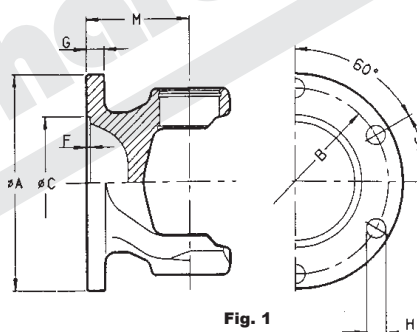


Fig. 1

109

FLANGE YOKE

FLANGE YOKE PART No.	FIG	FLANGE DIA. A	C/L OF U.J. TO FACE M	SPIGOT DIA. C	P.C.D. B	No. HOLES	HOLE DIA. H	MAX. ANGLE	COMMENTS
1-109-300-201	1	90.00 3.543	42.00 1.654	47.00 1.850	74.50 2.933	4	8.0 0.315	20°	STANDARD
1-109-300-202 #		90.00 3.543	42.00 1.654	47.00 1.850	-	-	-	20°	SEMI-FINISHED

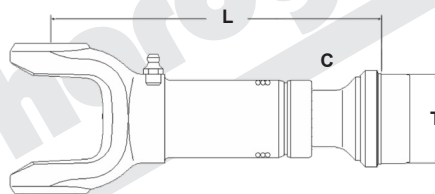


Fig 1
Slip Yoke & Stub

109

SLIP ASSEMBLY

SLIP YOKE ASSY PART No.	INVOLUTE SPLINE O.D. & No.	CENTRE LINE TO POINT OF WELD COMP L	TOTAL SLIP C	MAX ANGLE	TUBE SIZE & PART No. T	COMMENTS
0-109-090-201	32.00 - 14 1.260	183.00 7.205	40.00 1.575	20°	50X2MM 1.969 x 0.079	REFER FIG 1

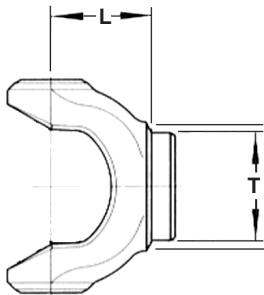
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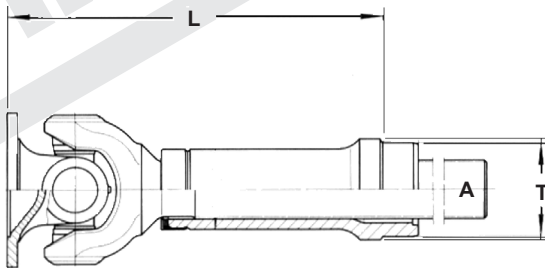
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ELBE 109



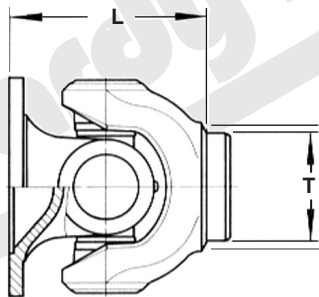
109 WELD YOKE

WELD YOKE PART No.	CENTRE LINE TO POINT OF WELD L	MAX. ANGLE	TUBE SIZE T	
1-109-335-201	48.00 1.890	35°	50X2MM 1.969 x 0.079	



109 SLIP JOINT ASSEMBLY

SLIP YOKE PART No.	INVOLUTE SPLINE O.D. & No. A	FACE TO POINT OF WELD L	TOTAL SLIP C	MAX ANGLE	TUBE SIZE & PART No. T	FLANGE PART No. & OD
0-109-075-0201 #	32.00-14 1.260	237.00 9.331	80.00 3.150	35°	50X2MM 1.969 x 0.079	1-109-305-201 90.00



109 FIXED JOINT ASSEMBLY

WELD YOKE PART No.	FACE TO POINT OF WELD L	MAX. ANGLE	TUBE SIZE & PART No. T	FLANGE PART No. & SIZE
0-109-055-0201 #	100.00 3.937	35°	50X2MM 1.969 x 0.079	1-109-305-201 90.00

INDENT ONLY

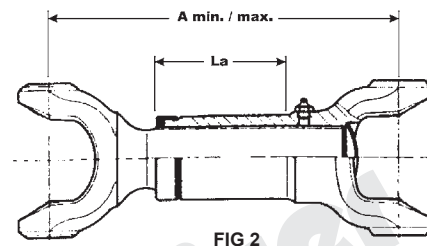
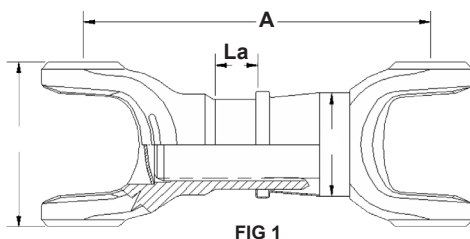
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ELBE 109



109

SHORT COUPLED ASSEMBLY

SLIP ASSY PART No.	INVOLUTE SPLINE O.D. & No.	CENTRE TO CENTRE COMP A	TOTAL SLIP La	MAX ANGLE	FIG	COMMENTS
0-109-080-0218 #	32.00-14 1.260	204.00 8.031	85.00 3.346	20°	1	RILSAN COATED
0-109-081-224 #	32.00-14 1.260	166.00 6.535	45.00 1.772	20°	2	OLD SERIES SIZE WITH 28mm CROSS HOLE FOR CAP

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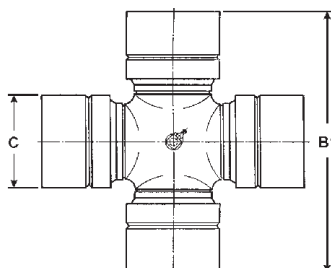
ELBE 109

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Issue:	10
Issue Date:	01/06/26

ELBE 110 Series

C = 30.00
1.181
B1 = 83.00
3.268



110 UNIVERSAL JOINT KIT

PART No.	LUBE	DESCRIPTION
K5-A760	CENTRE	STANDARD
K5-A760-2X	CAP	2 x LUBE IN CAP

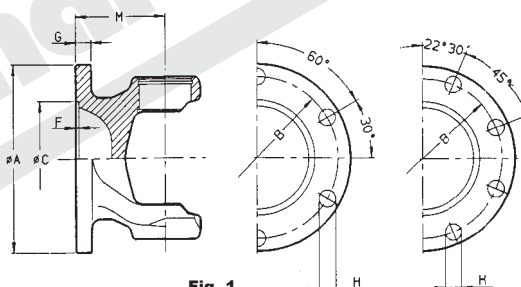


Fig. 1

110 FLANGE YOKE

FLANGE YOKE PART No.	FIG	FLANGE DIA. A	C/L OF U.J. TO FACE M	SPIGOT DIA. C	P.C.D. B	No. HOLES	HOLE DIA. H	MAX. ANGLE	COMMENTS
1-110-300-001	1	100.00 3.937	46.00 1.811	57.00 2.244	84.00 3.307	6	8.0 0.315	20°	STANDARD
1-110-305-001 #	1	100.00 4.724	58.00 2.283	57.00 2.953	84.00 3.996	6	8.0 0.315	35°	WIDE ANGLE
1-110-301-001		120.00 4.724	46.00 1.811	75.00 2.953	101.50 3.996	8	8.0 0.315	18°	DIN 120

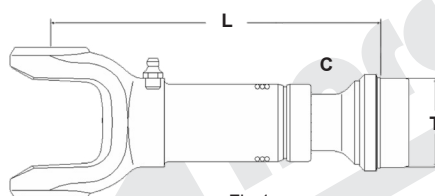


Fig 1
Slip Yoke & Stub

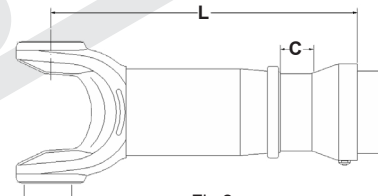


Fig 2
Yoke Shaft & Sleeve

110 SLIP ASSEMBLY

SLIP YOKE ASSY PART No.	INVOLUTE SPLINE O.D. & No.	CENTRE LINE TO POINT OF WELD COMP L	TOTAL SLIP C	MAX ANGLE	TUBE SIZE & PART No. T	COMMENTS
0-110-090-101	35.00 - 16 1.378	191.00 7.520	40.00 1.575	20°	50X3MM 1.969 x 0.118	REFER FIG 1
0-110-099-004	35.00 - 16 1.378	198.00 7.795	100.00 3.937	35°	50X3MM 1.969 x 0.118	REFER FIG 2
0-110-099-005 #	35.00 - 16 1.378	224.00 8.819	200.00 7.874	35°	50X3MM 1.969 x 0.118	REFER FIG 2

INDENT ONLY

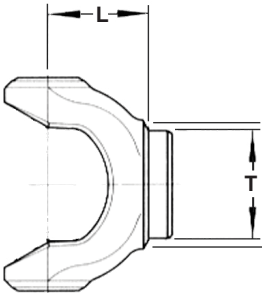
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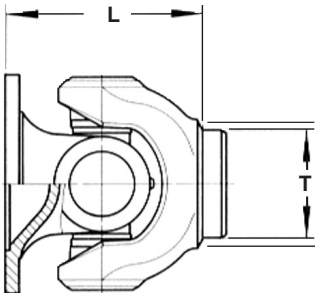
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ELBE 110



110 WELD YOKE

WELD YOKE PART No.	CENTRE LINE TO POINT OF WELD L	MAX. ANGLE	TUBE SIZE T	
1-110-335-001	59.00 2.323	35°	50X3MM 1.969 x 0.118	



110 FIXED JOINT ASSEMBLY

WELD YOKE PART No.	FACE TO POINT OF WELD L	MAX. ANGLE	TUBE SIZE & PART No. T	FLANGE PART No. & SIZE
0-110-400-001 #	117.00 4.606	35°	50X3MM 1.969 x 0.118	1-110-300-001 100.00

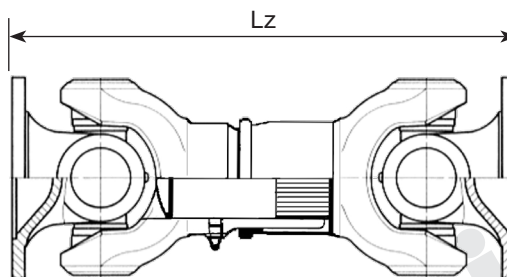
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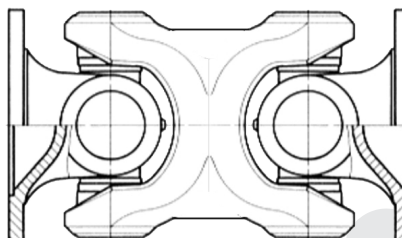
ELBE 110



110

SHORT COUPLED ASSEMBLY

SC SHAFT ASSY PART No.	INVOLUTE SPLINE O.D. & No.	FLANGE TO FLANGE COMP Lz	TOTAL SLIP C	MAX ANGLE	DUST COVER DIAMETER O	FLANGES & DIAMETER
0-110-130-0001 #	35.00-16 1.378	255.00 10.039	30.00 1.181	20°	45.00 1.772	1-110-300-001 100.00



110

DOUBLE UNIVERSAL JOINT

ASSEMBLY PART No.	LENGTH FLANGE TO FLANGE L	MAX. ANGLE	H BAR & LENGTH T	FLANGES & DIAMETER
0-110-300-0001	160.00 6.299	18°	50X3MM 1.969 x 0.118	

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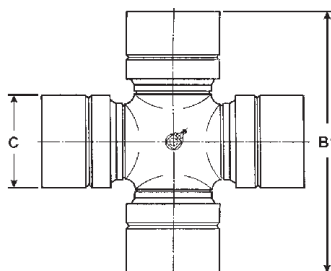
ELBE 110

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Issue Date:	01/06/26

ELBE 112 Series

C = 35.00
1.378
B1 = 97.00
3.819



112 UNIVERSAL JOINT KIT

PART No.	LUBE	DESCRIPTION
K5-A749	CENTRE	STANDARD
K5-A749-2X	CAP	2 x LUBE IN CAP
K5-A749-4XRB	CAP	4 x LUBE IN CAP WITH ROLLER BEARINGS
K5-A749HT #	CENTRE	HIGH TEMP VERSION
K5-A749RB #	CENTRE	ROLLER BEARING VERSION
K5-A681	CENTRE	OLD SERIES 112 (CAP = 34.00 B1 = 97.00)

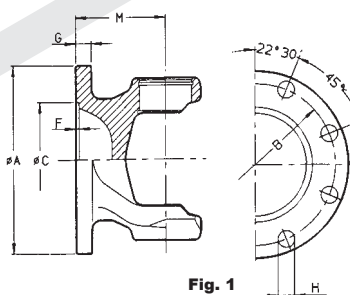


Fig. 1

112 FLANGE YOKE

FLANGE YOKE PART No.	FIG	FLANGE DIA. A	C/L OF U.J. TO FACE M	SPIGOT DIA. C	P.C.D. B	No. HOLES	HOLE DIA. H	MAX. ANGLE	COMMENTS
1-112-300-201	1	120.00 4.724	60.00 2.362	75.00 2.953	101.50 3.996	8	8.0 0.315	20°	DIN 120
1-112-301-201	1	150.00 5.905	60.00 2.362	90.00 3.543	130.00 5.118	8	10.0 0.394	18°	DIN 150

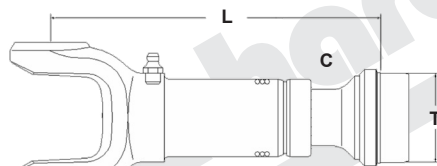


Fig 1
Slip Yoke & Stub

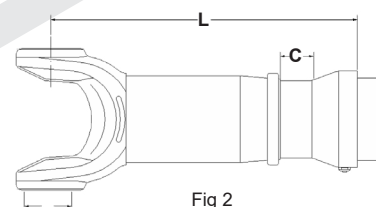


Fig 2
Yoke Shaft & Sleeve

112 SLIP ASSEMBLY

SLIP YOKE ASSY PART No.	INVOLUTE SPLINE O.D. & No.	CENTRE LINE TO POINT OF WELD COMP L	TOTAL SLIP C	MAX ANGLE	TUBE SIZE & PART No. T	COMMENTS
0-112-090-203	42.00 - 20 1.653	246.00 9.685	60.00 1.575	20°	60X4MM 2.362 x 0.157	REFER FIG 1 RILSAN COATED
0-112-098-204	42.00 - 20 1.653	248.00 9.764	120.00 4.724	20°	60X4MM 2.362 x 0.157	REFER FIG 2

INDENT ONLY

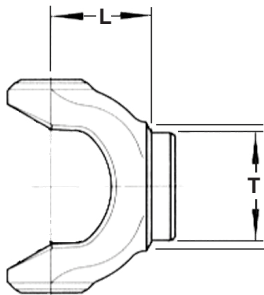
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ELBE 112



112 WELD YOKE

WELD YOKE PART No.	CENTRE LINE TO POINT OF WELD	MAX. ANGLE	TUBE SIZE & PART No.	COMMENTS
1-112-335-201	65.00 2.559	35°	60X4MM 2.362 x 0.157	NLA USE 1-112-335-1201
1-112-335-1201	75.00 2.559	35°	60X4MM 2.362 x 0.157	

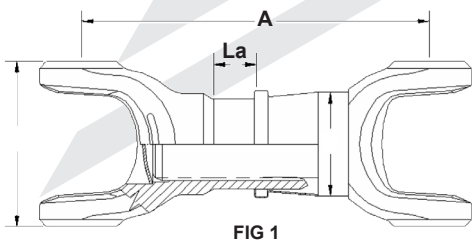


FIG 1

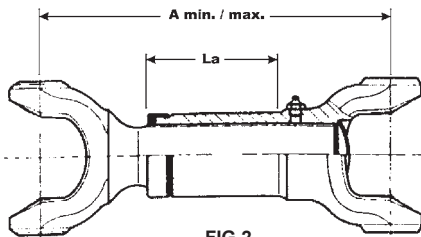


FIG 2

112 SHORT COUPLED ASSEMBLY

SLIP ASSY PART No.	INVOLUTE SPLINE O.D. & No.	CENTRE TO CENTRE COMP A	TOTAL SLIP La	MAX ANGLE	FIG	COMMENTS
0-112-081-201	42.00-20 1.653	205.00 8.071	35.00 1.378	20°	1	
0-112-080-0891	42.00-20 1.653	280.00 11.024	60.00 2.362	20°	1	
0-112-080-0201	42.00-20 1.653	280.00 11.024	60.00 2.362	20°	2	

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B:6-176

Hardy Spicer Driveshaft Components Catalogue

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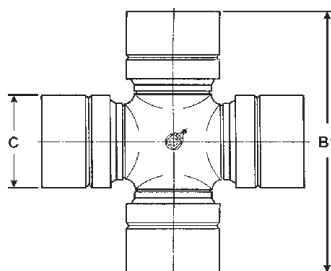
ELBE 113 Series

C = 38.00

1.496

B1 = 106.00

4.173



113

UNIVERSAL JOINT KIT

PART No.	LUBE	DESCRIPTION
K5-A683	CENTRE	STANDARD
K5-A683HT #	CENTRE	HIGH TEMP VERSION
K5-A683SF #	NONE	SERVICE FREE
K5-A683-2X	CAP	2 x LUBE IN CAP

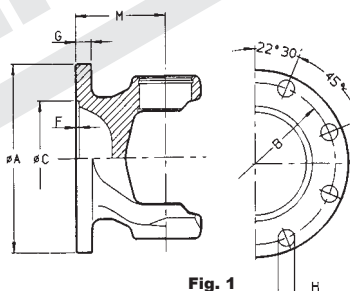


Fig. 1

113

FLANGE YOKE

FLANGE YOKE PART No.	FIG	FLANGE DIA. A	C/L OF U.J. TO FACE M	SPIGOT DIA. C	P.C.D. B	No. HOLES	HOLE DIA. H	MAX. ANGLE	COMMENTS
1-113-300-001	1	120.00 4.724	60.00 2.362	75.00 2.953	101.50 3.996	8	10.0 0.394	20°	DIN 120
1-113-301-0001 #	1	150.00 5.906	60.00 2.362	90.00 3.543	130.00 5.118	8	10.0 0.394	20°	DIN 150

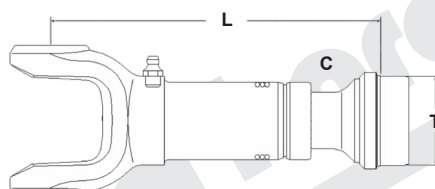


Fig 1
Slip Yoke & Stub

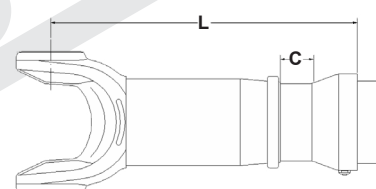


Fig 2
Yoke Shaft & Sleeve

113

SLIP ASSEMBLY

SLIP YOKE ASSY PART No.	INVOLUTE SPLINE O.D. & No.	CENTRE LINE TO POINT OF WELD COMP L	TOTAL SLIP C	MAX ANGLE	TUBE SIZE & PART No. T	COMMENTS
0-113-090-003	50.00 - 24 1.969	258.00 10.157	60.00 2.362	20°	70X4MM 2.756 x 0.157	RILSAN COATED REFER FIG 1
0-113-099-0003 #	50.00 - 24 1.969	260.00 10.236	140.00 5.512	35°	70X4MM 2.756 x 0.157	REFER FIG 2

INDENT ONLY

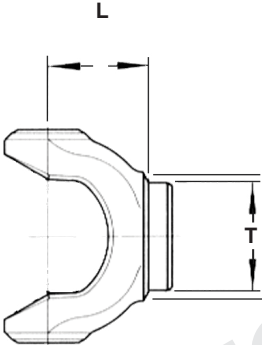
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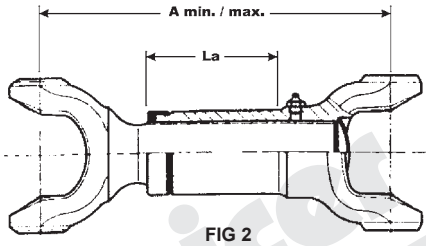
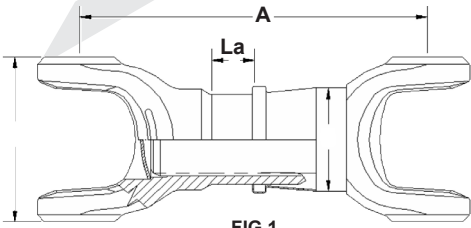
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ELBE 113



113 WELD YOKE

WELD YOKE PART No.	CENTRE LINE TO POINT OF WELD L	MAX. ANGLE	TUBE SIZE T	
1-113-335-001	68.00 2.559	35°	70X4MM 2.756 x 0.157	



113 SHORT COUPLED ASSEMBLY

SLIP ASSY PART No.	INVOLUTE SPLINE O.D. & No.	CENTRE TO CENTRE COMP A	TOTAL SLIP La	MAX ANGLE	FIG	COMMENTS
0-113-080-0101	50.00-24 1.969	300.00 11.811	60.00 2.362	20°	2	

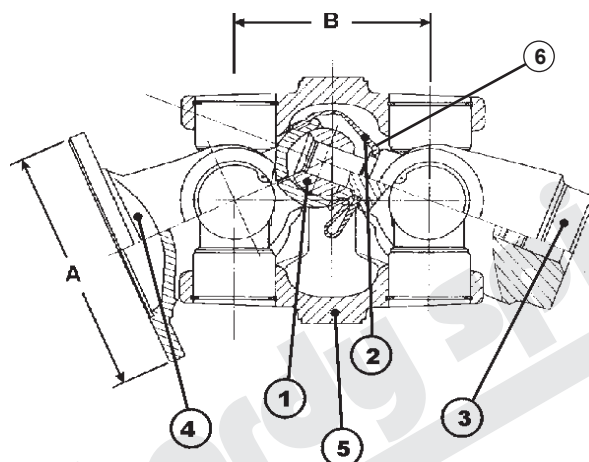
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ELBE 113



113

DOUBLE CARDAN ASSEMBLY

DOUBLE CARDAN ASSEMBLY PART No.	FLANGE DIA. A	C/LINE TO C/LINE B	FLANGE FACE TO WELD	TUBE SIZE	MAX. ANGLE	COMMENTS
0-313-059-0001 #	150.00 5.906	105.00 4.134	236.00 9.291	70X4MM	40°	DIN 150x8x12

- ① REPLACEMENT CENTRE BALL PART No. 1-313-550-0001 #
- ② REPLACEMENT CENTRE BOOT PART No. 1-000-830-0035 #
- ⑥ REPLACEMENT BOOT CLIP PART No. 1-000-961-0018 #

Note: All dimensions are nominal for identification purposes only.

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ELBE 113

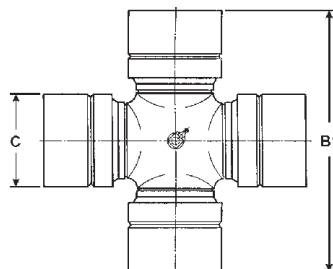
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ELBE 148 Series

C = 42.00
1.654
B1 = 117.50
5.315



148 UNIVERSAL JOINT KIT

PART No.	LUBE	DESCRIPTION
K5-A783	CENTRE	STANDARD

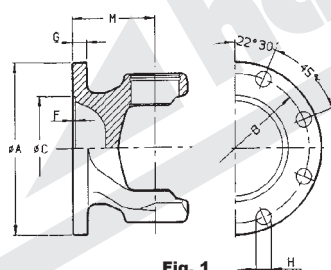


Fig. 1

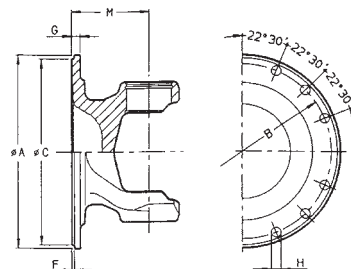


Fig. 2

148 FLANGE YOKE

FLANGE YOKE PART No.	FIG	FLANGE DIA. A	C/L OF U.J. TO FACE M	SPIGOT DIA. C	P.C.D. B	No. HOLES	HOLE DIA. H	MAX. ANGLE	COMMENTS
1-148-300-0001 #	1	150.00 5.906	65.00 2.560	90.00 3.543	130.00 5.118	8	12.10 0.476	20°	DIN 150X8X12
1-148-308-0002 #	2	149.20 5.874	65.00 2.560	95.00 3.740	120.70 4.752	4	12.70 0.500	20°	1510 SPICER

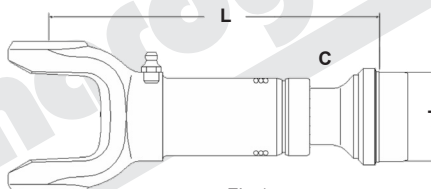


Fig 1
Slip Yoke & Stub

148 SLIP ASSEMBLY

SLIP YOKE ASSY PART No.	INVOLUTE SPLINE O.D. & No.	CENTRE LINE TO POINT OF WELD COMP L	TOTAL SLIP C	MAX ANGLE	TUBE SIZE & PART No. T	COMMENTS
0-148-099-0003 #	55.00 - 20 2.165	263.00 10.354	110.00 4.331	20°	80X4MM 3.150 x 0.157	

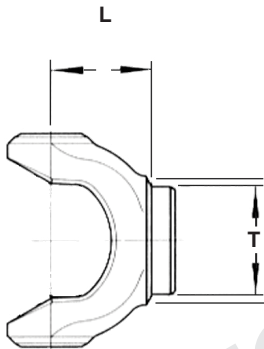
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ELBE 148



148 WELD YOKE

WELD YOKE PART No.	CENTRE LINE TO POINT OF WELD L	MAX. ANGLE	TUBE SIZE T	
1-148-335-0001 #	80.00 3.150	35°	80X4MM 3.150 x 0.157	

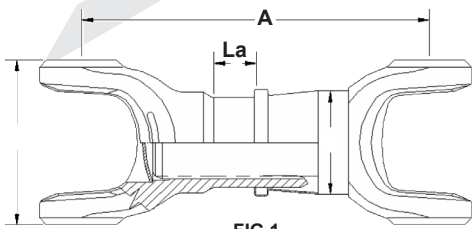


FIG 1

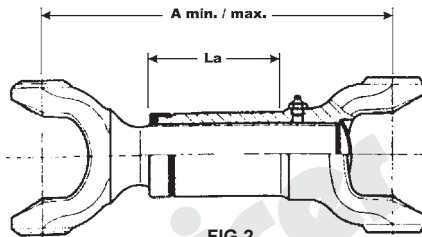


FIG 2

148 SHORT COUPLED ASSEMBLY

SLIP ASSY PART No.	INVOLUTE SPLINE O.D. & No.	CENTRE TO CENTRE COMP A	TOTAL SLIP La	MAX ANGLE	FIG	COMMENTS
0-148-081-0003	55.00-20 2.165	230.00 9.055	40.00 1.575	20°	1	

Note: All dimensions are nominal for identification purposes only.

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B:6-182

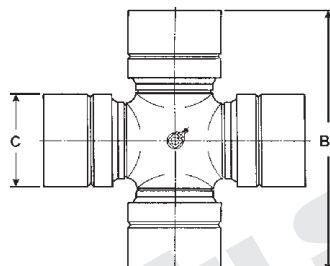
Hardy Spicer Driveshaft Components Catalogue

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ELBE 158 Series

REFER TO MERCEDES SECTION IN B5 CATALOGUE FOR COMPATIBLE PARTS
(Used in Mercedes 385 Series)

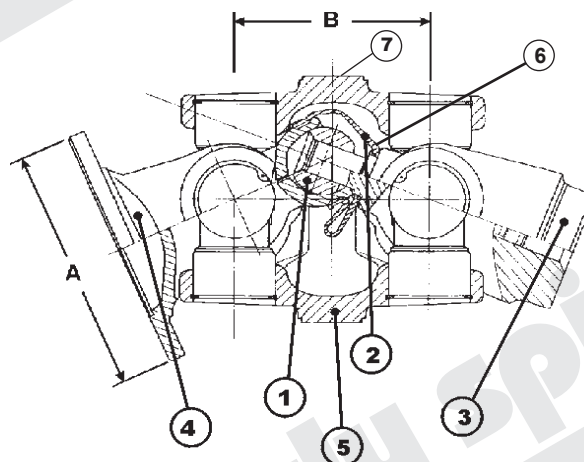
C = 48.00
1.890
B1 = 126.00
4.961



158 UNIVERSAL JOINT KIT

PART No.	LUBE	DESCRIPTION
K5-A633	CENTRE	STANDARD
K5-A633-2X #	CAP	2 x LUBE IN CAP
K5-A905-2X #	CAP	158/358 6C CONVERSION 2 x LUBE IN CAP

COMPONENT PARTS ARE AVAILABLE ON REQUEST



158 DOUBLE CARDAN ASSEMBLY

DOUBLE CARDAN ASSEMBLY PART No.	FLANGE DIA. A	C/LINE TO C/LINE B	FLANGE FACE TO WELD	TUBE SIZE	MAX. ANGLE	COMMENTS
0-358-050-0001 #	150.00 5.906	115.00 4.528	265.00 10.433	90X4MM	42°	DIN 150x8x12

Note: All dimensions are nominal for identification purposes only.

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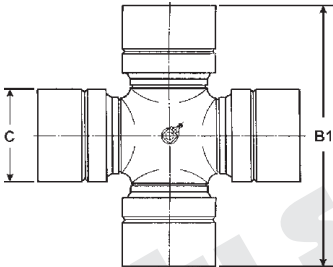
- ① REPLACEMENT CENTRE BALL Ø40mm PART No. 1-358-550-001 #
- ① REPLACEMENT CENTRE BALL Ø42mm PART No. 1-358-550-002 #
- ② REPLACEMENT CENTRE BOOT FOR Ø40mm PART No. 1-000-830-019 #
- ② REPLACEMENT CENTRE BOOT FOR Ø42mm PART No. 1-000-830-042 #
- ③ REPLACEMENT BOOT CLIP FOR Ø40mm PART No. 1-000-961-015 #
- ③ REPLACEMENT BOOT CLIP FOR Ø42mm PART No. 1-000-961-0021 #
- ⑦ H-YOKE PART No. 1-358-280-001 #

INDENT ONLY

ELBE SERIES 117

COMPONENT PARTS ARE AVAILABLE ON REQUEST

C = 53.00
2.087
B1 = 135.00
5.315



117

UNIVERSAL JOINT KIT

PART No.	LUBE	DESCRIPTION	
K5-A658	CENTRE	STANDARD	

REFER TO MERCEDES SECTION IN B5 CATALOGUE FOR COMPATIBLE PARTS
(Used in Mercedes 389 Series)

Note: All dimensions are nominal for identification purposes only.

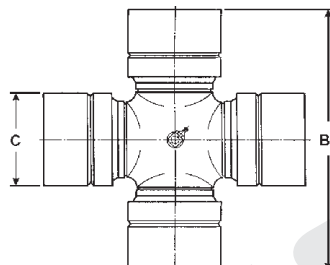
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ELBE 120 Series

REFER TO GWB SECTIONS 587.42 AND 687.55 FOR COMPATIBLE PARTS

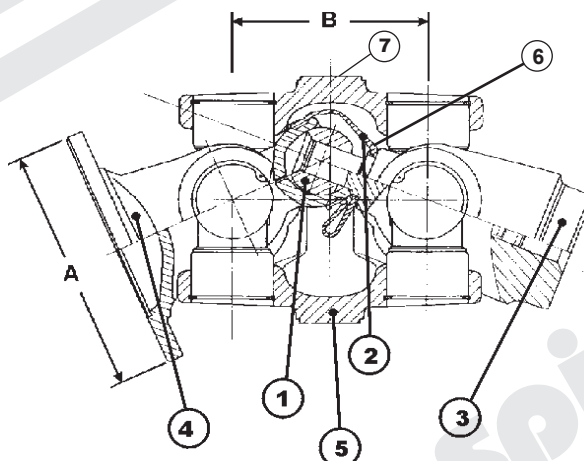
C = 57.00
2.244
B1 = 152.00
5.984



120 UNIVERSAL JOINT KIT

PART No.	LUBE	DESCRIPTION
K5-A620	CENTRE	STANDARD
K5-A620SF	NONE	SERVICE FREE
K5-A620-4X	CAP	4 POINT LUBE - ONE IN EACH CAP
K5-A620W	CENTRE	AFTERMARKET UNIVERSAL JOINT

COMPONENT PARTS ARE AVAILABLE ON REQUEST



120 DOUBLE CARDAN ASSEMBLY

DOUBLE CARDAN ASSEMBLY PART No.	FLANGE DIA. A	C/LINE TO C/LINE B	FLANGE FACE TO WELD 12.835	TUBE SIZE 100X6MM	MAX. ANGLE 42°	COMMENTS
0-320-050-0001#	180.00 7.087	140.00 5.512	12.835	100X6MM	42°	DIN 150x10x16
0-320-050-0003 #	180.00 7.087	140.00 5.512	12.835	100X6MM	42°	DIN 180x8x16
0-320-050-0701 #	180.00 7.087	140.00 5.512	12.835	100X6MM	42°	XS180

Note: All dimensions are nominal for identification purposes only.

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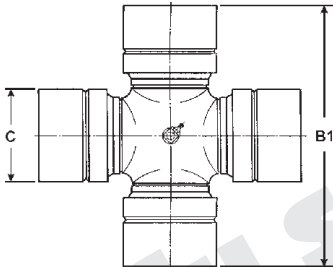
- ① REPLACEMENT CENTRE BALL PART No. 1-320-550-0001 #
- ② REPLACEMENT CENTRE BOOT PART No. 1-000-830-0020 #
- ③ REPLACEMENT BOOT CLIP PART No. 1-000-961-0016 #
- ⑦ H-YOKE PART No. 1-320-280-0001 #

INDENT ONLY

ELBE

COMPONENT PARTS ARE AVAILABLE ON REQUEST

C = 65.00
2.559
B1 = 172.00
6.772



122 UNIVERSAL JOINT KIT

PART No.	LUBE	DESCRIPTION
K5-A643	CENTRE	STANDARD
K5-A643SF	NONE	SERVICE FREE
K5-A643-4X	CAP	4 POINT LUBE - ONE IN EACH CAP
K5-A643W	CENTRE	AFTERMARKET UNIVERSAL JOINT

REFER TO GWB SECTIONS 587.48 AND 687.65 FOR COMPATIBLE PARTS

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HARDY SPICER DRIVE TUBE

Part Number	Size	Description	Butt Size (inch - mm)	
1216-0000	1.50 x .065	DRIVE TUBE - 1.50x.065"	1.380"	35.05mm
1416-0000	1.75 x .065	DRIVE TUBE - 1.75x.065"	1.628"	41.35mm
1616-0000	2.00 x .065	DRIVE TUBE - 2.00x.065"	1.880"	47.75mm
1613-0000	2.00 x .095	DRIVE TUBE - 2.00x.095"	1.817"	46.15mm
1711-0000	2.125 x .120	DRIVE TUBE - 2.125x.120"	1.892"	48.05mm
1816-0000	2.25 x .065	DRIVE TUBE - 2.25x.065"	2.130"	54.10mm
1813-0000	2.25 x .095	DRIVE TUBE - 2.25x.095"	2.070"	52.58mm
2016-0000	2.50 x .065	DRIVE TUBE - 2.50x.065"	2.380"	60.45mm
2014-0000	2.50 x .083	DRIVE TUBE - 2.50x.083"	2.340"	59.44mm
2013-0000	2.50 x .095	DRIVE TUBE - 2.50x.095"	2.317"	58.85mm
2012-0000	2.50 x .109	DRIVE TUBE - 2.50x.109"	2.289"	58.14mm
2011-0000	2.50 x .120	DRIVE TUBE - 2.50x.120"	2.267"	57.58mm
2216-0000	2.75 x .065	DRIVE TUBE - 2.75x.065"	2.632"	66.85mm
2214-0000	2.75 x .083	DRIVE TUBE - 2.75x.083"	2.591"	65.81mm
2213-0000	2.75 x .095	DRIVE TUBE - 2.75x.095"	2.570"	65.28mm
2416-0000	3.00 x .065	DRIVE TUBE - 3.00x.065"	2.880"	73.15mm
2414-0000	3.00 x .083	DRIVE TUBE - 3.00x.083"	2.840"	72.14mm
2413-0000	3.00 x .095	DRIVE TUBE - 3.00x.095"	2.817"	71.55mm
2615-0000	3.25 x .065	DRIVE TUBE - 3.25x.065"	3.130"	79.50mm
2611-0000	3.25 x .125	DRIVE TUBE - 3.25x.125"	3.007"	76.38mm
2816-0000	3.50 x .065	DRIVE TUBE - 3.50x.065"	3.380"	85.85mm
2814-0000	3.50 x .083	DRIVE TUBE - 3.50x.083"	3.340"	84.84mm
2813-0000	3.50 x .095	DRIVE TUBE - 3.50x.095"	3.320"	84.33mm
2810-0000	3.50 x .134	DRIVE TUBE - 3.50x.134"	3.240"	82.30mm
3214-0000	4.00 x .083	DRIVE TUBE - 4.00x.083"	3.840"	97.54mm
3213-0000	4.00 x .095	DRIVE TUBE - 4.00x.095"	3.820"	97.03mm
3210-0000	4.00 x .134	DRIVE TUBE - 4.00x.134"	3.745"	95.12mm
3207-0000	4.09 x .180	DRIVE TUBE - 4.09x.180"	3.745"	95.12mm
3613-0000	4.50 x .095	DRIVE TUBE - 4.50x.095"	4.320"	109.73mm
3610-0000	4.50 x .134	DRIVE TUBE - 4.50x.134"	4.242"	107.75mm
3607-0000	4.59 x .180	DRIVE TUBE - 4.59x.180"	4.242"	107.75mm
3603-0000	4.50 x .259	DRIVE TUBE - 4.50x.259"	4.000"	101.60mm
3803-0000	4.75 x .259	DRIVE TUBE - 4.75x.259"	4.242"	107.75mm
2013-0000CM	2.5 x .095 (4130)	2.5 x 0.095" C/M 4130 TUBE	2.317"	58.85mm
2414-0000CM	3.00 x .083 (4130)	DRIVE TUBE - 3.00x.083" CR/MO	2.840"	72.14mm
2413-0000CM	3.00 x .095 (4130)	DRIVE TUBE - 3.00x.095" CR/MO	2.817"	71.55mm
35-60CM	3.50 x .083 (4130)	3.50x.083" CR/MO (60" LONG)	3.340"	84.84mm
35-72A	3.50 x .125 (ALI)	6061-T6 ALUM TUBE 3.5X.125X72I	3.257"	82.73mm
28X1-1/2MM	28 x 1.5mm	DRIVE TUBE - 473.10 SERIES	0.992"	25.20mm
36X1-1/2MM	36 x 1.5mm	DRIVE TUBE - 473.20 SERIES	1.307"	33.20mm
40X2MM	40 x 2mm	DRIVE TUBE - 473.30 SERIES	1.425"	36.20mm
50X2MM	50 x 2mm	DRIVE TUBE - 287.00 SERIES	1.819"	46.20mm
50X3MM	50 x 3mm	DRIVE TUBE - 287.10 SERIES	1.740"	44.20mm
60X4MM	60 x 4mm	DRIVE TUBE - CV15 ELBE 112	2.055"	52.20mm
60X5MM	60 x 5mm	DRIVE TUBE - 60mm x 5mm	1.976"	50.20mm
65X1-6MM	65 x 1.6mm	DRIVE TUBE - 65mm x 1.6mm	2.441"	62.00mm

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DRIVE TUBE HARDY SPICER

Part Number	Size	Description	Butt Size (inch - mm)	
70X3MM	70 x 3mm	DRIVE TUBE - 287.20/587.10	2.528"	64.20mm
70X4MM	70 x 4mm	DRIVE TUBE - 6C,CV21/30 SERIES	2.449"	62.20mm
73X4MM	73 x 4mm	DRIVE TUBE - 73 x 4 MM	2.567"	65.20mm
80X3-1/2MM	80 x 3.5mm	DRIVE TUBE - 587.15 SERIES	2.882"	73.20mm
80X4MM	80 x 4mm	DRIVE TUBE - ELBE 148 7C	2.843"	72.20mm
85X5MM	85 x 5mm	DRIVE TUBE - 587.20 SERIES	2.961"	75.20mm
88X4MM	88 x 4mm	DRIVE TUBE - METRIC 7C SERIES	3.157"	80.20mm
90X3MM	90 x 3mm	DRIVE TUBE - 687.30 SERIES	3.315"	84.20mm
90X4-1/2MM	90 x 4.5mm	DRIVE TUBE - 90 x 4.5mm	3.197"	81.20mm
90X4MM	90 x 4mm	DRIVE TUBE - M.BENZ/ISUZU/HINO	3.236"	82.20mm
90X5-1/2MM	90 x 5.5mm	USE 92X6-1/2MM	3.512"	79.20mm
90X6MM	90 x 6mm	DRIVE TUBE - 400 VOLVO ALT.	3.472"	78.20mm
92X6-1/2MM	92 x 6.5mm	DRIVE TUBE - 587.30 SERIES	3.512"	79.20mm
100X3MM	100 x 3mm	DRIVE TUBE - 687.35 SERIES	3.709"	94.20mm
100X4MM	100 x 4mm	DRIVE TUBE - 100x4mm	3.630"	92.20mm
100X4-1/2MM	100 x 4.5mm	DRIVE TUBE - 100x4.5mm	3.591"	91.20mm
100X5MM	100 x 5mm	DRIVE TUBE - ELBE 117MERCEDES	3.551"	90.20mm
100X6MM	100 x 6mm	DRIVE TUBE - 587.35 SERIES	3.472"	88.20mm
108X5-5MM	108 x 5.5mm	DRIVE TUBE - SCANIA P500 SERIES	3.827*	97.20mm
110X6MM	110 x 6mm	DRIVE TUBE - 110x6mm	3.866"	98.20mm
111-1/2X6-3/4MM	111.5 x 6.75mm	DRIVE TUBE - 587.42 SERIES	3.866"	98.20mm
114-3X9-53MM	114.3 x 9.53mm	DRIVE TUBE - 9C	3.760"	95.50mm
115X7-1/2MM	115 x 7.5mm	DRIVE TUBE - METRIC 9C SERIES	3.945"	100.20mm
120X3MM	120 x 3mm	DRIVE TUBE - 687.40 SERIES	4.496"	114.20mm
120X4MM	120 x 4mm	DRIVE TUBE - 687.45 SERIES	4.417"	112.20mm
120X6MM	120 x 6mm	DRIVE TUBE - 687.55 SERIES	4.260"	108.20mm
123-1/2X8MM	123.5 x 8mm	DRIVE TUBE - OLD 587.50/190.50	4.240"	107.70mm
127X6-35MM	127 x 6.35mm	DRIVE TUBE - 10C/10.5C SERIES	4.508"	114.50mm
127X9-53MM	127 x 9.53mm	DRIVE TUBE - 10C/10.5C SERIES	4.257"	108.14mm
130X6MM	130 x 6mm	DRIVE TUBE - 687.60 SERIES	4.654"	118.20mm
132X6MM	132 x 6mm	SPL250 HEAVY TUBING	4.732"	120.20mm
140X5MM	140 x 5mm	DRIVE TUBE - 587.48/10C SERIES	5.126"	130.20mm
142X6MM	142 x 6mm	DRIVE TUBE - 687.65/10C SERIES	5.126"	130.20mm
144X7MM	144 x 7mm	DRIVE TUBE - 587.50/10C SERIES	5.126"	130.20mm
160X10MM	160 x 10mm	DRIVE TUBE - 12C/15C EURO	5.520"	140.20mm
162X9-85MM	162 x 9.85mm	DRIVE TUBE - 162 x 9.85mm	5.610"	142.50mm
165-1X7-01MM	165.1 x 7.01mm	DRIVE TUBE - J600 SERIES	5.956"	151.28mm
165-1X8-64MM	165.1 x 8.64mm	DRIVE TUBE - J800 SERIES	5.828"	148.02mm
165-1X9-53MM	165.1 x 9.53mm	DRIVE TUBE - 11C/12C/15C SERIES	5.757"	146.24mm
165-1X12-7MM	165.1 x 12.7mm	DRIVE TUBE - 15C/15-5C (6.5"x0.5")	5.508"	139.90mm
167-7X9-8MM	167.7 x 9.8mm	DRIVE TUBE - 390.60 SERIES	5.839"	148.30mm
168-8X7-3MM	168.8 x 7.3mm	DRIVE TUBE - 587.55 SERIES	6.079"	154.40mm
203-2X12-7MM	203.2 x 12.7mm	DRIVE TUBE - 20C (8.0"x0.5")	7.007"	178.00mm
218-2X8-7MM	218.2 x 8.7mm	DRIVE TUBE - 390.65 SERIES	7.913"	201.00mm
219X13-3MM	219 x 13.3mm	DRIVE TUBE - 390.70/14C SERIES	7.583"	192.60mm

Note: All dimensions are nominal for identification purposes only.

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EXPLANATION OF HARDY SPICER GWB COMPONENT NUMBERING SYSTEM

The GWB Numbering System consists of a series of 6 groups of numbers. For the Hardy Spicer Computer System, we only show the break between the first 3 groups.

The system is as follows:



Group 1 indicates the type of part or shaft.

- 0 = Universal shaft with tube
- 9 = Short coupled shafts / Double cardan joints
- 8 = Combination shafts (e.g. standard shaft with double cardan joint one end)
- 7 = Universal joint kits and sub-assemblies
(e.g. slip joints & midship assemblies)
- 6 = Sub-assemblies (e.g. slip assemblies, flange bolt sets & centre bearings)
- 5 = Forgings and castings
- 4 = Not used
- 3 = Semi-finished components
- 2 = Finished machined components
- 1 = Small parts (e.g. bolts, seals, etc.)

Group 2 determines the series. (e.g. 587)

Group 3 shows the size within a series. (e.g. 50)

Group 4 is linked to group 1 and indicates the type of part or design of shaft (e.g. 7.04 = fixed joint, 2.40 = weld yoke)

Group 5 is GWB's reference no. or customer no. and indicates a standard component or a part/shaft made specifically for a customer (e.g. special flange for Mercedes would have a number other than 00)

Group 6 is the sequence number

Example Hardy Spicer Part no.

2 - 587 - 35 27 00 060 (GWB ref. 2 587 35 27 00 060)

1 2 3 4 5 6

Group 1 - Finished machine component

Group 2 - 587 Series

Group 3 - Size 35 within 587 series

Group 4 - Flange yoke

Group 5 - GWB standard part

Group 6 - Serial no.

Description = 587-35 Flange yoke

Note: All dimensions are nominal for identification purposes only.

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