





























# VANE PRODUCT LISTING

## SHAFTS - CONTINUED

METARIS #	ALTERNATIVE #	DESCRIPTION
N35201-50-34	M913608	3520VQV10-297 SHAFT SPLINED S/A
N3520-50-140	M258249	3520VQ-001 SHAFT KEYED S/A
N3520-50-170	M394517	3520VQ-086 SHAFT KEYED HEAVYDUTY
N3520-50-341	M258250	3520VQ-011 SHAFT SPLINED S/A
N3520-50-342	M413022	3520VQ-019 SHAFT SPLINE S/A XL SPCL
N2520-50-132		2520VQ-182 SHAFT KEYED
N3520-50-343	M413434	3520VQ-114 SHAFT SPLINED S/A
N3520-50-344	M584371	3520VQ-160 SHAFT
N35251-50-34	M883250	3525VQV10-297 SHAFT SPLINED
N3525-50-140	M243448	3525VQ-001 SHAFT
N3525-50-170	M394036	3525VQ-086 SHAFT KEYED
N3525-50-341	M243449	3525VQ-011 SHAFT SPLINED
N2520-50-360		2520VQ-121 SHAFT SPLINED
N3525-50-342	M247019	3525VQ-019 SHAFT XLONG
N2520-50-132		2520VQ-182 SHAFT KEYED
N3525-50-343	M285417	3525VQ-033/111 SHAFT SPLINED SPCL
N3525-50-344	M432701	3525VQ-123 SHAFT SPLINED
N3525-50-345	M432632	3525VQ-142 SHAFT SPLINED SPCL
N3525-50-346	M913757	3525VQT-297 SHAFT SPLINE THRU DRIVE
N35-50-140	M233624	35VQ-001 SHAFT KEYED S/A
N35-50-170	M392669	35VQ-086 SHAFT KEYED HEAVYDUTY
N35-50-341	M413019	35VQ-004 SHAFT SPLINED S/A SPCL
N35-50-342	M242287	35VQ-011 SHAFT SPLINED S/A
N35-50-343	M275270	35VQ-019 SHAFT SPLINED S/A XLONG
N35-50-344	M417331	35VQ-127 SHAFT SPLINED S/A SPCL
N35-50-345	M634895	35VQ-173 SHAFT SPLINED S/A SPCL
N35-50-350	M313317	36VQ-064 SHAFT SPLINED S/A SPCL
N35-50-600	M417333	35VQ-129 SHAFT TAPERED SPCL
N4520-50-140	M255533	4520VQ-001 SHAFT KEYED S/A



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# VANE PRODUCT LISTING

## SHAFTS - CONTINUED

METARIS #	ALTERNATIVE #	DESCRIPTION
N4520-50-180	M361761	4520VQ-086 SHAFT KEYED HEAVYDUTY
N4520-50-341	M255536	4520VQ-011 SHAFT SPLINED S/A
N4520-50-342	M413436	4520VQ-114 SHAFT SPLINED S/A
N4520-50-343	M413437	4520VQ-115 SHAFT SPLINED S/A SPCL
N45252-51-34	M143-9721	4525VQHV20-414 SHAFT SPLINED
N4525-50-140	M233524	4525VQ-001 SHAFT KEYED S/A
N4525-50-181	M361762	4525VQ-086 SHAFT KEYED HEAVYDUTY
N4525-50-341	M233527	4525VQ-011 SHAFT SPLINED S/A
N35251-50-17		3525VQV10-086 SHAFT
N4525-50-342	M413024	4525VQ-114 SHAFT SPLINED S/A
N35251-50-34		3525VQV10-297 SHAFT SPLINED SHORTEN
N4525-50-343	M413025	4525VQ-115 SHAFT SPLINED S/A
N4525-50-344	M432703	4525V-130 SHAFT SPLINED S/A
N4525-50-345	M913576	4525VQT-297 SHFT SPLINED THRU-DRIVE
N45351-50-34	M572821	4535VQV10-297 SHAFT SPLINED COARSE
N45351-51-34	M883215	4535VQHV10-414 SHAFT SPLINED
N4520-51-140		4520VQH-401 SHAFT
N4520-51-341		4520VQH-411 SHAFT
N4520-51-342		4520VQH-414 SHAFT
N45201-51-14		4520VQHV10-401 SHAFT
N45201-51-34		4520VQHV10-414 SHAFT
N4535-50-140	M289083	4535VQ-001 SHAFT KEYED S/A
N4535-50-180	M361763	4535VQ-086 SHAFT KEYED HEAVYDUTY
N4535-50-341	M289084	4535VQ-011 SHAFT SPLINED S/A
N4535-50-342	M413027	4535VQ-114/019 SHAFT SPLINED XL S/A
N4535-50-343	M413438	4535VQ-125 SHAFT SPLINED S/A
N4535-50-344	M860607	4535VQ-219 SHAFT
N4525-51-140		4525VQH-401 SHAFT
N4525-51-341		4525VQH-411 SHAFT



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# VANE PRODUCT LISTING

## SHAFTS - CONTINUED

METARIS #	ALTERNATIVE #	DESCRIPTION
N4525-51-342		4525VQH-414 SHAFT
N45251-51-34		4525VQHV10-414 SHAFT
N45251-51-18		4525VQHV10-486 SHAFT
N45-50-140	M233369	45VQ-001 SHAFT KEYED STRAIGHT K S/A
N45-50-180	M361760	45VQ-086 SHAFT KEYED HEAVYDUTY S/A
N45-50-341	M233370	45VQ-004 SHAFT SPLINED S/A
N45-50-342	M242885	45VQ-011 SHAFT SPLINED S/A
N45-50-343	M265575	45VQ-019 SHAFT SPLINED XLONG S/A
N45-50-344	M413020	45VQ-111 SHAFT SPLINED S/A SPCL
N45-50-345	M413430	45V/VQ-120 SHAFT SPLINED S/A SPCL
N45-50-346	M422541	45VQ-130 SHAFT SPLINED S/A
N4535-51-140		4535VQH-401 SHAFT
N4535-51-341		4535VQH-411 SHAFT
N4535-51-342		4535VQH-414 SHAFT
N45-50-390	M252893	45VQ-026 SHAFT SPLINED S/A CAT ONLY
V10-50-112	M375485	V10-034 SHAFT KEYED THREADED
V10-50-113	M374340	V10-003 SHAFT KEYED THREADED
V10-50-161	M382250	V10-006 SHAFT KEYED STRAIGHT
V10-50-162	M374338	V10-001 SHAFT KEYED STRAIGHT
V10-50-163	M378959	V10-004 SHAFT KEY .750DIA, 1.651EXT
V10-50-310	M374339	V10-011 SHAFT SPLINED
V10-50-320	M375480	V10-012 SHAFT SPLINED
V10-50-360	M387481	V10-038 SHAFT SPLINED
V10-50-111		V10-SHAFT KEYED / THREADED
V20-50-164		V20 SHAFT KEYED / THREADED 1/4 X20
V10-50-920	M380281	V10-027 SHAFT TANG
V20-50-130	M280504	V20-003 SHAFT THR. KEYED, 10-13 GPM
V20-50-161	M297330	V20-006 SHAFT KEYED
V20-50-162	M324043	V20-010 SHAFT KEYED, 10-13 GPM



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# VANE PRODUCT LISTING

## SHAFTS - CONTINUED

METARIS #	ALTERNATIVE #	DESCRIPTION
V20-50-163	M280372	V20-001 SHAFT KEYED
V20-50-311	M582610	V20-062 SHAFT SPLINED
V20-50-312	M307817	V20-018 SHAFT SPLINED
V20-50-321	M324047	V20-023 SHAFT SPLINED
V20-50-322	M294922	V20-015 SHAFT SPLINED
V20-50-361	M280515	V20-011 SHAFT SPLINE, 10-13 GPM
V20-50-364	M328096	V20-038/138 SHAFT SPLINED
V21-50-120	M351249	V2010-001 SHAFT
V21-50-320	M321215	V2010-011 SHAFT
V22-50-121	M308925	V2020-003 SHAFT KEYED
V22-50-122	M308686	V2020-001 SHAFT KEYED
V22-50-320	M308926	V2020-011 SHAFT SPLINED



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# VANE PRODUCT LISTING

## SEAL KITS

METARIS #	ALTERNATIVE #	DESCRIPTION
MPN002161	M433761	RETAINER KIT 20VQ
MPN002162	M433763	RETAINER KIT 25VQ
MPN002163	M433765	RETAINER KIT 35VQ
MPN002164	M433767	RETAINER KIT 45VQ
MPN002830	M922732	SEAL KIT V210
MPN005079	M154026	O-RING
N20-60-100	M395562	O-RING RETAINER 20VQ
N20-80-011	M497125	SEAL KIT 20V, SINGLE SHAFT SEAL
N20-80-021	M981322	SEAL KIT 20V-F3
N20-80-112	M497124	SEAL KIT 20VQ, DOUBLE SHAFT SEAL
N20-80-122	M451472	SEAL KIT 20VQ-F3
N20-87-040	M419672	RING SEAL 20V VQ
N20-88-122	M433762	SEAL PACK A. 20VQ
N2520-80-011	M922856	SEAL KIT 2520V, SINGLE SHAFT SEAL
N2520-80-021	M919303	SEAL KIT 2520V-F3
N2520-80-111	M920040	SEAL KIT 2520VQ, SINGLE SHAFT SEAL
N2520-80-112	M920041	SEAL KIT 2520VQ, DOUBLE SHAFT SEAL
N2520-80-121	M920042	SEAL KIT 2520VQ
N2520-80-122	M920043	SEAL KIT 2520VQ-F3
N25-60-100	M415731	RETAINER 25VQ
N25-80-011	M922850	SEAL KIT 25V, SINGLE SHAFT SEAL
N25-80-021	M919656	SEAL KIT 25V-F3
N25-80-111	M920021	SEAL KIT 25VQ, SINGLE SHAFT SEAL
N25-80-112	M920022	SEAL KIT 25VQ, DOUBLE SHAFT SEAL
N25-80-121	M920023	SEAL KIT 25VQ-F3
N25-80-122	M920024	SEAL KIT 25VQ-F3
N25-87-040	M419673	RING SEAL 25V VQ
N25-88-122	M433764	SEAL PACK A. 25VQ
N25-92-351	M190362	WASHER 25VQ



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# VANE PRODUCT LISTING

## SEAL KITS - CONTINUED

METARIS #	ALTERNATIVE #	DESCRIPTION
N3520-80-011	M922859	SEAL KIT 3520V, SINGLE SHAFT SEAL
N3520-80-021	M919304	SEAL KIT 3520V-F3
N3520-80-111	M920048	SEAL KIT 3520VQ, SINGLE SHAFT SEAL
N3520-80-112	M920049	SEAL KIT 3520VQ, DOUBLE SHAFT SEAL
N3520-80-121	M920050	SEAL KIT 3520VQ-F3
N3520-80-122	M920051	SEAL KIT 3520VQ-F3
N3525-80-011	M922862	SEAL KIT 3525V, SINGLE SHAFT SEAL
N3525-80-021	M919305	SEAL KIT 3525V-F3
N3525-80-111	M920056	SEAL KIT 3525VQ, SINGLE SHAFT SEAL
N3525-80-112	M920057	SEAL KIT 3525VQ, DOUBLE SHAFT SEAL
N3525-80-121	M920058	SEAL KIT 3525VQ-F3
N3525-80-122	M920059	SEAL KIT 3525VQ-F3
N35-60-100	M412013	RETAINER 35VQ
N35-80-011	M922851	SEAL KIT 35V, SINGLE SHAFT SEAL
N35-80-021	M919262	SEAL KIT 35V-F3
N35-80-111	M920015	SEAL KIT 35VQ, SINGLE SHAFT SEAL
N35-80-112	M920016	SEAL KIT 35VQ, DOUBLE SHAFT SEAL
N35-80-121	M920029	SEAL KIT 35VQ-F3
N35-80-122	M920030	SEAL KIT 35VQ-F3
N35-87-040	M419674	RING SEAL 35V VQ
N35-88-122	M433766	SEAL PACK A. 35VQ
N35-92-471	M193220	WASHER 35VQ
N4520-80-011	M922863	SEAL KIT 4520V, SINGLE SHAFT SEAL
N4520-80-021	M919616	SEAL KIT 4520V-F3
N4520-80-111	M920060	SEAL KIT 4520VQ, SINGLE SHAFT SEAL
N4520-80-112	M920061	SEAL KIT 4520VQ, DOUBLE SHAFT SEAL
N4520-80-121	M920062	SEAL KIT 4520VQ-F3
N4520-80-122	M920063	SEAL KIT 4520VQ-F3
N4525-80-011	M922865	SEAL KIT 4525V, SINGLE SHAFT SEAL



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# VANE PRODUCT LISTING

## SEAL KITS - CONTINUED

METARIS #	ALTERNATIVE #	DESCRIPTION
N4525-80-021	M919345	SEAL KIT 4525V-F3
N4525-80-111	M920068	SEAL KIT 4525VQ, SINGLE SHAFT SEAL
N4525-80-112	M920069	SEAL KIT 4525VQ, DOUBLE SHAFT SEAL
N4525-80-121	M920070	SEAL KIT 4525VQ-F3
N4525-80-122	M920071	SEAL KIT 4525VQ-F3
N4535-80-011	M922866	SEAL KIT 4535V, SINGLE SHAFT SEAL
N4535-80-021	M919346	SEAL KIT 4535V-F3
N4535-80-111	M920072	SEAL KIT 4535VQ, SINGLE SHAFT SEAL
N4535-80-112	M920073	SEAL KIT 4535VQ, DOUBLE SHAFT SEAL
N4535-80-121	M920074	SEAL KIT 4535VQ-F3
N4535-80-122	M920075	SEAL KIT 4535VQ-F3
N45-60-100	M415375	RETAINER 45VQ
N45-80-011	M919850	SEAL KIT 45V, SINGLE SHAFT SEAL
N45-80-021	M919632	SEAL KIT 45V-F3
N45-80-111	M920025	SEAL KIT 45VQ, SINGLE SHAFT SEAL
N45-80-112	M920026	SEAL KIT 45VQ, DOUBLE SHAFT SEAL
N45-80-121	M920027	SEAL KIT 45VQ-F3
N45-80-122	M920028	SEAL KIT 45VQ-F3
N45-87-040	M419675	RING SEAL 45V VQ
N45-88-122	M433768	SEAL PACK A. 45VQ
N45-92-561	M194878	WASHER 45VQ
V00-95-110	M239766	SPRING V10F, V20F, V2010F, V2020F
V00-95-221	M2280	SPRING -PRESS.-B C
V00-95-223	M2281	SPRING C.V. F TO K
V10-80-100	M923548	SEAL KIT V10
V20-80-110	M922733	SEAL KIT V20/F/P-11/12
V20-80-121	M02-137555	SEAL KIT V20F-22
V20-80-122	M02-137557	SEAL KIT V20FS-22
V20-80-210	M919805	SEAL KIT V20/F/P-11/12-F3



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# VANE PRODUCT LISTING

## SEAL KITS - CONTINUED

METARIS #	ALTERNATIVE #	DESCRIPTION
V20-80-221	M02-137556	SEAL KIT V20F-22-F3
V20-80-222	M02-137558	SEAL KIT V20FS-22-F3
V21-80-110	M923577	SEAL KIT (V2010)
V21-80-210	M919770	SEAL KIT V2020 VITON
V22-80-120	M923174	SEAL KIT (V2020)
V22-80-220	M919786	SEAL KIT V2010 VITON
V42-80-100	M922904	SEAL KIT VTM42
X05-01-53020	M109975	RETAINING RING
X05-02-18010	M98653	RETAINING RING
X05-02-28010	M119982	SNAPRING 35VQ
X05-03-55010	M191400	SPIROLOCK 25VQ
X05-03-75010	M193144	SPIROLOCK 35VQ
X05-03-85020	M158630	SPIRAL LOCK
X05-04-19020	M155023	SNAP RING V10 V20-11 DESIGN
X81-11-03104	M154022	O-RING
X81-11-03603	M199816	RETAINER O-RING 20VQ
X81-11-04404	M154178	O-RING
X81-11-04603	M416418	O-RING
X81-11-05003	M416417	RETAINER O-RING 35VQ
X81-11-06203	M586581	O-RING
X81-11-06303	M416416	RETAINER O-RING 45VQ
X81-11-06304	M154084	O-RING
X81-11-07304	M154087	O-RING
X81-11-07604	M154088	O-RING
X81-11-08204	M154090	O-RING V20
X81-11-08804	M154092	O-RING
X81-11-10804	M154098	O-RING
X81-11-11704	M154101	O-RING
X81-11-13604	M154107	O-RING



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# VANE PRODUCT LISTING

## SEAL KITS - CONTINUED

METARIS #	ALTERNATIVE #	DESCRIPTION
X81-15-01602	M154129	O-RING NITRILE 90 DURO
X81-22-03603	M199816V	RETAINER O-RING 20VQ-F3
X81-22-03804	M154026V	O-RING
X81-22-04404	M154078V	O-RING
X81-22-04603	M416418V	RETAINER O-RING 25VQ-F3
X81-22-05003	M416417V	RETAINER O-RING 35VQ-F3
X81-22-06303	M416416V	RETAINER O-RING 45VQ-F3
X81-22-06304	M154084V	O-RING VITON
X81-22-07304	M154087V	O-RING VITON
X81-22-08204	M154090V	O-RING, VITON - 75 DURO.
X81-22-09804	M586590	O-RING VITON
X81-22-11704	M154101V	O-RING VITON
X81-22-13604	M154107V	O-RING VITON
X83-31-02708	M229236	SEAL-PRIMARY V210
X83-32-01509	M388205	SEAL-PRIMARY V10-F3
X83-32-02008	M279499	SEAL-PRIMARY V20F3 (VITON)
X83-35-01509	M263585	SEAL-PRIMARY V10
X83-35-02008	M122558	SEAL-PRIMARY V20 BUNA 90 DURO
X84-32-04006	M429282	SEAL-SECONDARY 45VQ - VITON
X84-32-04010	M429285	SEAL-PRIMARY 45VQ-F3
X84-33-02808	M429286	SEAL-PRIMARY 25VQ-F3
X84-33-02905	M429283	SEAL-SECONDARY 25VQ
X84-33-03606	M429281	SEAL-SECONDARY 35VQ VITON
X84-33-03608	M429284	SEAL-PRIMARY 35VQ-F3
X84-35-02808	M394976-90	SEAL-PRIMARY 25VQ NITRILE
X84-35-03608	M394973	SEAL-PRIMARY 35VQ
X84-35-04010	M394974-70	SEAL-PRIMARY 45VQ NITRILE
X85-11-03903	M588506	B-U-RING
X85-11-04403	M588507	B-U-RING



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# VANE PRODUCT LISTING

## SEAL KITS - CONTINUED

METARIS #	ALTERNATIVE #	DESCRIPTION
X85-11-06303	M588508	B-U-RING
X85-11-07303	M141436	B-U-RING BUNA 20VQ 45VQ
X85-15-08903	M138895	B-U-RING 25VQ
X85-15-10503	M271810	B-U-RING 35VQ
X85-15-12403	M271818	B-U-RING 45VQ
X85-23-03903	M588506V	B-U-RING VITON (20 VQ )
X85-23-04403	M588507V	B-U-RING VITON (25VQ)
X85-23-06303	M588508V	B-U-RING VITON (35VQ)
X85-23-07303	M588509V	B-U-RING VITON 45VQ

## BEARINGS

METARIS #	ALTERNATIVE #	DESCRIPTION
X03-16-12552	M082938	BALL BEARING V2010/V2020
X03-15-12552	M232750	BALL BEARING (H.D)SHAFT- DOUBLE ROW
X03-10-12552	M001705	BALL BEARING (STD)SHAFT-25VQ
X03-16-11740	M148423	BALL BEARING SHAFT - V10, VTM42
X03-16-12047	M098574	BALL BEARING V20
X03-10-12047	M1704	BALL BEARING V20FS-22 (30VQ)
X03-10-11740	M001703	BALL BEARING -V210
X03-23-11419	M222440	BEARING
X03-10-13072	M038441	BEARING (DIR)SHAFT-35VQ
X03-10-13580	M131812	BEARING (STD)SHAFT-45VQ



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# VANE PRODUCT LISTING

## CAM RINGS

METARIS #	ALTERNATIVE #	DESCRIPTION
N20-71-105	M254846	CAM RING 20V05
N20-71-108	M250820	CAM RING 20V08
N20-71-111	M250819	CAM RING 20V11
N20-71-112	M256581	CAM RING 20V12
N20-71-114	M257953	CAM RING 20V14
N20-72-105	M333624	CAM RING 20VQ05
N20-72-108	M333625	CAM RING 20VQ08
N20-72-109	M374799	CAM RING 20VQ09
N20-72-111	M333626	CAM RING 20VQ11
N20-72-112	M353901	CAM RING 20VQ12
N20-72-114	M353902	CAM RING 20VQ14
N25-71-112	M584610	CAM RING 25V12
N25-71-114	M584612	CAM RING 25V14
N25-71-117	M584614	CAM RING 25V17
N25-71-121	M584616	CAM RING 25V21
N25-72-112	M326984	CAM RING 25VQ12
N25-72-114	M326985	CAM RING 25VQ14
N25-72-117	M326986	CAM RING 25VQ17
N25-72-119	M326987	CAM RING 25VQ19
N25-72-121	M326988	CAM RING 25VQ21
N30-72-124	M234470	CAM RING 30VQ24
N30-72-128	M224525	CAM RING 30VQ28
N35-71-125	M576210	CAM RING 35V25
N35-71-130	M576212	CAM RING 35V30
N35-71-135	M576214	CAM RING 35V35
N35-71-138	M575476	CAM RING 35V38
N35-72-121	M394961	CAM RING 35VQ21
N35-72-125	M319396	CAM RING 35VQ25
N35-72-130	M319397	CAM RING 35VQ30



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# VANE PRODUCT LISTING

## CAM RINGS - CONTINUED

METARIS #	ALTERNATIVE #	DESCRIPTION
N35-72-135	M319398	CAM RING 35VQ35
N35-72-138	M319399	CAM RING 35VQ38
N35-74-135		CAM RING 35VQH35-32
N35-74-138		CAM RING 35VQH38-32
N45-71-142	M581679	CAM RING 45V42
N45-71-145	M582570	CAM RING 45V45
N45-71-150	M581680	CAM RING 45V50
N45-71-160	M578904	CAM RING 45V60
N45-72-142	M297510	CAM RING 45VQ42
N45-72-147	M297718	CAM RING 45VQ47
N45-72-150	M297502	CAM RING 45VQ50
N45-72-157	M306772	CAM RING 45VQ57
N45-72-160	M297503	CAM RING 45VQ60
N45-73-150		CAM RING 45VQH
N45-74-150		CAM RING 45VQH50-32
N45-74-157		CAM RING 45VQH57-32
N45-74-160		CAM RING 45VQH60-32
V10-70-101	M317674	CAM RING V10-01
V10-70-102	M317675	CAM RING V10-02
V10-70-103	M317676	CAM RING V10-03
V10-70-104	M317677	CAM RING V10-04
V10-70-105	M317678	CAM RING V10-05
V10-70-106	M355641	CAM RING V10-06
V10-70-107	M331813	CAM RING V10-07
V20-70-105	M388284	CAM RING V20-05
V20-70-106	M328150	CAM RING V20-06
V20-70-107	M328152	CAM RING V20-07
V20-70-108	M331791	CAM RING V20-08
V20-70-109	M331789	CAM RING V20-09



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# VANE PRODUCT LISTING

## **CAM RINGS - CONTINUED**

<b>METARIS #</b>	<b>ALTERNATIVE #</b>	<b>DESCRIPTION</b>
V20-70-110	M374309	CAM RING V20-10
V20-70-111	M328156	CAM RING V20-11
V20-70-112	M331806	CAM RING V20-12
V20-70-113	M331807	CAM RING V20-13
V42-70-120	M296596	CAM RING VTM 2.0
V42-70-110		CAM RING VTM-10
V42-70-140		CAM RING VTM-40
V42-70-150		CAM RING VTM-50
V42-70-160	M296599	CAM RING VTM-60
V42-70-115		VTM - 1.5 CAM RING



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# VANE PRODUCT LISTING

## ROTORS & VANE KITS

METARIS #	ALTERNATIVE #	DESCRIPTION
N20-72-210	M402690	ROTOR 20VQ(S)
N20-72-220	M403539	ROTOR 20VQ(T)
N20-72-310	M922741	VANE KIT 20VQ(S)
N20-72-320	M922743	VANE KIT 20VQ(T)
N25-71-200	M584618	ROTOR 25V
N25-71-300	M941214	VANE KIT 25V
N25-72-200	M270597	ROTOR 25VQ
N25-72-300	M922710	VANE KIT 25VQ
N30-72-200	M262152	ROTOR 30VQ
N30-72-300	M922648	VANE KIT 30VQ
N35-71-200	M575478	ROTOR 35V
N35-71-300	M941019	VANE KIT 35V
N35-72-200	M262154	ROTOR 35VQ
N35-72-300	M922700	VANE KIT 35VQ
N45-71-200	M578900	ROTOR 45V
N45-71-300	M941049	VANE KIT 45V
N45-72-200	M283871	ROTOR 45VQ
N45-72-300	M922701	VANE KIT 45VQ
V10-70-201	M317681	ROTOR V10-01/02/03
V10-70-202	M351247	ROTOR V10-04/05
V10-70-203	M357286	ROTOR V10-06/07
V10-70-301	M923499	VANE KIT V10-01/02/03
V10-70-302	M923500	VANE KIT V10-04/05
V10-70-303	M923501	VANE KIT V10-06/07
V20-70-201	M502255	ROTOR V20-05/06
V20-70-202	M502256	ROTOR V20-07/08/09
V20-70-203	M502257	ROTOR V20-10/11
V20-70-204	M502258	ROTOR V20-12/13
V20-70-301	M923485	VANE KIT V20-05/06



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# VANE PRODUCT LISTING

## ROTORS & VANE KITS - CONTINUED

METARIS #	ALTERNATIVE #	DESCRIPTION
V20-70-302	M923493	VANE KIT V20-07/08/09
V20-70-303	M923478	VANE KIT V20-10/11
V20-70-304	M923479	VANE KIT V20-12/13
V20-70-404		ROTOR & VANE KIT V20 12-13 GPM
V21-70-201		ROTOR V2010-5/6
V21-70-202	M358335	ROTOR V2010-7/9
V21-70-203	M358336	ROTOR V2010-11
V21-70-204	M358337	ROTOR V2010-12/13
V42-65-070	M923839	RESERVOIR KIT 70 CU. IN
V42-65-115	M923840	RESERVOIR KIT

## FLEX PLATES

METARIS #	ALTERNATIVE #	DESCRIPTION
N20-72-500	M416423	FLEX PLATE 20VQ
N25-72-500	M415520	FLEX PLATE 25VQ 30VQ
N35-72-500	M413406	FLEX PLATE 35VQ
N45-72-500	M416444	FLEX PLATE 45VQ
N45-73-500	M426994	FLEX PLATE 45VQH-22
N20-72-510	M923955	FLEX PLATE KIT 20VQ
N25-72-510	M923956	FLEX PLATE KIT 25VQ 30VQ
N35-72-510	M923953	FLEX PLATE KIT 35VQ
N45-72-510	M923954	FLEX PLATE KIT 45VQ
N35-74-501		FLEX PLATE R.H. - 32 Design
N35-74-502		FLEX PLATE L.H. - 32 Design
N45-74-500		FLEX PLATE R.H. - 32 Design
N45-74-502		FLEX PLATE L.H. - 32 Design



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# VANE PRODUCT LISTING

## WARRANTY POLICY AND PROCEDURES

### WARRANTY

Metaris Inc. and Metaris Corp. hereinafter "Metaris", warrants all of its product to be free from defects in material and workmanship under normal operating conditions and proper application in accordance with the specifications for operation as described by the manufacturer for the period of twelve (12) months in service.

### LIMITATIONS ON WARRANTY

This warranty is expressly in lieu of any other warranties expressed or implied. Buyers sole and exclusive remedy under this Warranty shall be limited to the repair, replacement or exchange of warranted products at our option, F.O.B. our factory, or designated service center.

No special, incidental, consequential or other damage shall be recoverable. Metaris shall not be liable for consequential damages or contingent liabilities including, but not limited to, loss of life, personal injury, loss of crops, loss due to water or fire damage, loss of business income, down time costs and trade or other commercial loss arising out of failure of the product. Metaris will in no event be liable for any sum in excess of the price received by it for the product for which liability is claimed or asserted.

No products shall be returned without prior authorization from Metaris. Buyers and their Agents shall prepay all transportation charges for the return of such products to a Metaris location or designated service center. There will be no acceptance of any charges for labor and/or parts incidental to the removal or remounting of products repaired or replaced under Warranty.

The above Warranty does not cover conditions over which Metaris has no control, including, without limitation, contamination, pressure in excess of recommended maximum, products damaged or subject to accident abuse or misuse after shipment from our factory, products altered or repaired by anyone other than Metaris personnel, authorized Metaris factory personnel or persons so designated in writing by Metaris prior to commencement of said work.

A return goods authorization number must be obtained from Metaris or a Metaris authorized service center, or a Metaris authorized agent prior to any products being returned for Warranty.



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## METARIS BRAND REPLACEMENT PARTS

Our extensive inventory assures you of prompt shipping of pumps and parts anywhere in the world.

Our parts are 100% interchangeable with OEM products. We are committed to high quality, zero defects, and getting your orders out correctly and on time.

Whatever your application, Metaris has a high quality replacement product 100% backed by our commitment to service.

**WE WANT TO BE THE SUPPLIER FOR ALL YOUR VANE PRODUCT NEEDS.**



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