

INDEX CONSTITUENTS

ROBO GLOBAL[®] ROBOTICS AND AUTOMATION UCITS INDEX CONSTITUENTS

TOTAL NUMBER OF CONSTITUENTS: 87

EFFECTIVE DATE: 3/31/2018

COMPANY NAME	TICKER	WEIGHT
KOH YOUNG TECHNOLOGY INC.	098460 KQ	1.24%
AIRTAC INTERNATIONAL GROUP	1590 TT	1.08%
HIWIN TECHNOLOGIES CORP.	2049 TT	2.16%
DELTA ELECTRONICS INC.	2308 TT	0.98%
ADVANTECH CO LTD	2395 TT	0.98%
TOSHIBA MACHINE CO LTD.	6104 JT	0.86%
AIDA ENGINEERING LTD	6118 JT	0.87%
FUJI CORP/AICHI	6134 JT	1.04%
NABTESCO CORP	6268 JT	1.93%
SMC CORP/JAPAN.	6273 JT	0.99%
HARMONIC DRIVE SYSTEMS INC	6324 JT	2.12%
DAIFUKU CO LTD	6383 JT	2.05%
AMANO CORP.	6436 JT	1.02%
NACHI-FUJIKOSHI CORP	6474 JT	1.03%
THK CO LTD.	6481 JT	0.98%
YUSHIN PRECISION EQUIPMENT CO LTD	6482 JT	0.38%
MITSUBISHI ELECTRIC CORP.	6503 JT	1.01%
YASKAWA ELECTRIC CORP.	6506 JT	2.04%
DAIHEN CORP.	6622 JT	0.91%
OMRON CORP	6645 JT	2.03%
YOKOGAWA ELECTRIC CORP	6841 JT	1.06%
KEYENCE CORP.	6861 JT	2.05%
DENSO CORP	6902 JT	1.01%
OPTEX GROUP CO LTD.	6914 JT	0.99%
FANUC CORP	6954 JT	2.07%
TOPCON CORP	7732 JT	0.93%
ABB LTD	ABBN SE	1.93%
AUTODESK INC.	ADSK UW	0.91%
SLM SOLUTIONS GROUP AG	AM3D GY	0.51%
AMBARELLA INC.	AMBA UW	0.91%
ACCURAY INC	ARAY UW	0.51%
ATS AUTOMATION TOOLING SYSTEMS INC	ATA CT	1.02%
AEROVIRONMENT INC.	AVAV UW	1.21%

ROBO GLOBAL® ROBOTICS AND AUTOMATION UCITS INDEX CONSTITUENTS *cont.*

COMPANY NAME	TICKER	WEIGHT
BROOKS AUTOMATION INC	BRKS UW	0.95%
BASLER AG	BSL GY	0.32%
CADENCE DESIGN SYSTEMS INC.	CDNS UW	0.94%
CARGOTEC OYJ	CGCBV FH.	0.94%
COGNEX CORP	CGNX UW	1.85%
3D SYSTEMS CORP	DDD UN	0.97%
DEERE & CO	DE UN.	0.94%
DASSAULT SYSTEMES SE	DSY FP	1.02%
DUERR AG.	DUE GY.	0.94%
ELEKTA AB.	EKTAB SS	1.01%
FARO TECHNOLOGIES INC	FARO UW	1.21%
FLIR SYSTEMS INC	FLIR UW	0.98%
GEA GROUP AG	G1A GY	0.90%
HEXAGON AB	HEXAB SS	0.99%
HELIX ENERGY SOLUTIONS GROUP INC	HLX UN.	0.91%
HOLLYSYS AUTOMATION TECHNOLOGIES LTD	HOLI UW	1.66%
IPG PHOTONICS CORP.	IPGP UW.	1.87%
IROBOT CORP.	IRBT UW.	1.87%
ISRA VISION AG	ISR GY.	0.83%
INTUITIVE SURGICAL INC	ISRG UW.	1.87%
JOHN BEAN TECHNOLOGIES CORP	JBT UN	0.98%
JENOPTIK AG	JEN GY	1.03%
KARDEX AG	KARN SE	0.92%
KION GROUP AG	KGX GY	1.07%
KRONES AG.	KRN GY.	2.04%
LINCOLN ELECTRIC HOLDINGS INC.	LECO UW	0.98%
MANHATTAN ASSOCIATES INC	MANH UW	0.93%
MAXAR TECHNOLOGIES LTD	MAXR CT.	0.96%
MICROCHIP TECHNOLOGY INC	MCHP UW	0.93%
MAZOR ROBOTICS LTD	MZOR IT	1.63%
NATIONAL INSTRUMENTS CORP.	NATI UW.	0.97%
NORDSON CORP	NDSN UW.	0.99%
NOVANTA INC.	NOVT UW	0.93%
NUANCE COMMUNICATIONS INC	NUAN UW	0.91%
NVIDIA CORP	NVDA UW.	0.96%
OCEANEERING INTERNATIONAL INC.	OII UN	1.94%
PTC INC.	PTC UW.	0.98%
QUALCOMM INC	QCOM UW	0.89%
QIAGEN NV.	QGEN UN	0.95%
RAVEN INDUSTRIES INC	RAVN UW	0.93%

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COMPANY NAME	TICKER	WEIGHT
ROCKWELL AUTOMATION INC	ROK UN	1.84%
RENISHAW PLC	RSW LN	0.94%
SIEMENS AG	SIE GY	0.99%
STRATASYS LTD	SSYS UW	0.91%
SCHNEIDER ELECTRIC SE	SU FP	1.01%
TELEDYNE TECHNOLOGIES INC	TDY UN	0.98%
TECAN GROUP AG	TECN SE	0.99%
TERADYNE INC	TER UN	0.94%
TRIMBLE INC	TRMB UW	0.92%
U-BLOX HOLDING AG	UBXN SE	0.79%
VARIAN MEDICAL SYSTEMS INC	VAR UN	0.98%
XILINX INC	XLNX UW	0.96%
EXONE CO/THE	XONE UW	0.09%
ZEBRA TECHNOLOGIES CORP	ZBRA UW	1.97%

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