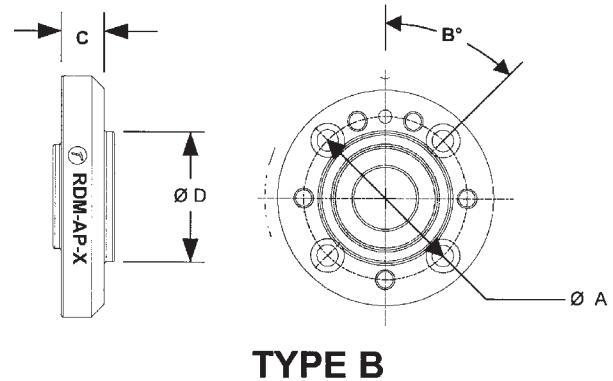
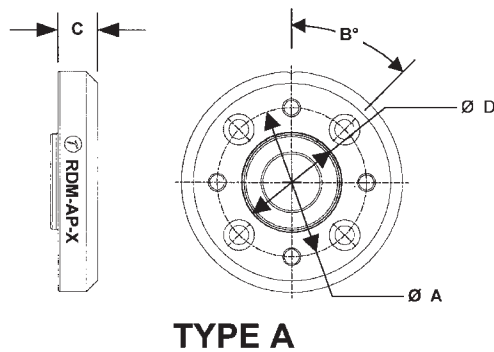


Adapter Plates

Tweco® Robotics offers many different adapter plates to use with the RDM-2000 Series deflection mount. The adapter plate acts as an additional insulator to protect the robot arm as well as a mechanical breakaway in the event the switching does not stop the robot or peripheral motion.



The following table will aid in determining the proper adapter plate required to install the deflection mount to your robot arm.

Robot Type	Robot Model No.	Adapter Part No.	Adapter Stock No.	Type	Ø A	B°	C	Ø D
ABB®	IRB-6	RDM-AP-8	3500-1147	A	1.575" 40,01mm	45°	.650" 16,51mm	1.937" 49,20mm
		RDM-AP-2	3500-1141	A	1.575" 40,01mm	22.5°	.525" 13,34mm	1.937" 49,20mm
	IRB 1500	RDM-AP-8	3500-1147	A	1.575" 40,01mm	45°	.650" 16,51mm	1.937" 49,20mm
		RDM-AP-2	3500-1141	A	1.575" 40,01mm	22.5°	.525" 13,34mm	1.937" 49,20mm
	IRB 2000	RDM-AP-8	3500-1147	A	1.575" 40,01mm	45°	.650" 16,51mm	1.937" 49,20mm
		RDM-AP-2	3500-1141	A	1.575" 40,01mm	22.5°	.525" 13,34mm	1.937" 49,20mm
	IRB 1400	RDM-AP-8	3500-1147	A	1.575" 40,01mm	45°	.650" 16,51mm	1.937" 49,20mm
		RDM-AP-2	3500-1141	A	1.575" 40,01mm	22.5°	.525" 13,34mm	1.937" 49,20mm
	IRB 2400	RDM-AP-8	3500-1147	A	1.575" 40,01mm	45°	.650" 16,51mm	1.937" 49,20mm
		RDM-AP-2	3500-1141	A	1.575" 40,01mm	22.5°	.525" 13,34mm	1.937" 49,20mm
	IRB 240L	RDM-AP-8	3500-1147	A	1.575" 40,01mm	45°	.650" 16,51mm	1.937" 49,20mm
		RDM-AP-2	3500-1141	A	1.575" 40,01mm	22.5°	.525" 13,34mm	1.937" 49,20mm
ASEA®	ALL MODELS	RDM-AP-8	3500-1147	A	1.575" 40,01mm	45°	.650" 16,51mm	1.937" 49,20mm
		RDM-AP-2	3500-1141	A	1.575" 40,01mm	22.5°	.525" 13,34mm	1.937" 49,20mm
ESAB®	1500	RDM-AP-8	3500-1147	A	1.575" 40,01mm	45°	.650" 16,51mm	1.937" 49,20mm
		RDM-AP-2	3500-1141	A	1.575" 40,01mm	22.5°	.525" 13,34mm	1.937" 49,20mm

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Quick Robotic Torches & Accessories



Robot Type	Robot Model No.	Adapter Part No.	Adapter Stock No.	Type	Ø A	B°	C	Ø D
ESAB®	2000	RDM-AP-8	3500-1147	A	1.575" 40,01mm	45°	.650" 16,51mm	1.937" 49,20mm
		RDM-AP-2	3500-1141	A	1.575" 40,01mm	22.5°	.525" 13,34mm	1.937" 49,20mm
FANUC®	ARC MATE 100/S6	RDM-AP-8	3500-1147	A	1.575" 40,01mm	45°	.650" 16,51mm	1.937" 49,20mm
		RDM-AP-2	3500-1141	A	1.575" 40,01mm	22.5°	.525" 13,34mm	1.937" 49,20mm
	ARC MATE 120	RDM-AP-8	3500-1147	A	1.575" 40,01mm	45°	.650" 16,51mm	1.937" 49,20mm
		RDM-AP-2	3500-1141	A	1.575" 40,01mm	22.5°	.525" 13,34mm	1.937" 49,20mm
	ARC MATE 120/S/12	RDM-AP-8	3500-1147	A	1.575" 40,01mm	45°	.650" 16,51mm	1.937" 49,20mm
		RDM-AP-2	3500-1141	A	1.575" 40,01mm	22.5°	.525" 13,34mm	1.937" 49,20mm
	ARC MATE 100/I	RDM-AP-8	3500-1147	A	1.575" 40,01mm	45°	.650" 16,51mm	1.937" 49,20mm
		RDM-AP-2	3500-1141	A	1.575" 40,01mm	22.5°	.525" 13,34mm	1.937" 49,20mm
	ARC MATE JR SR.S-10	RDM-AP-4	3500-1143	A	1.968" 49,99mm	45°	.525" 13,34mm	1.263" 32,08mm
		RDM-AP-4	3500-1143	A	1.968" 49,99mm	45°	.525" 13,34mm	1.263" 32,08mm
	LR MATE 100 1	RDM-AP-16	3500-1123	A	1.240" 31,50MM	45°	.650" 16,51mm	1.973" 49,20mm
		RDM-AP-24	3500-1181	B	1.240" 31,50mm	45°	.550" 13,97mm	.787" 19,99mm
	ARC MATE 100iB, M-6iB, 100ib/6\$	RDM-AP-8	3500-1147	A	1.575" 40,01mm	45°	.650" 16,51mm	1.937" 49,20mm
		RDM-AP-4	3500-1143	A	1.968" 49,99mm	45°	.525" 13,34mm	1.263" 32,08mm
HITACHI®	5430	RDM-AP-6	3500-1145	B	1.575" 40,01mm	45°	.525" 13,34mm	.981" 24,92mm
		RDM-AP-6	3500-1145	B	1.575" 40,01mm	45°	.525" 13,34mm	.981" 24,92mm
	MR 6060	RDM-AP-6	3500-1145	B	1.575" 40,01mm	45°	.525" 13,34mm	.981" 24,92mm
		RDM-AP-6	3500-1145	B	1.575" 40,01mm	45°	.525" 13,34mm	.981" 24,92mm
KAWASAKI®	FS010	RDM-AP-25	3500-1118	B	2.480" 62,99mm	45°	.525" 13,34mm	1.571" 39,90mm
		RDM-AP-25	3500-1118	B	2.480" 62,99mm	45°	.525" 13,34mm	1.571" 39,90mm
	FS010L	RDM-AP-6	3500-1145	B	1.575" 40,01mm	45°	.525" 13,34mm	.981" 24,92mm
		RDM-AP-6	3500-1145	B	1.575" 40,01mm	45°	.525" 13,34mm	.981" 24,92mm
KUKA®	KR6	RDM-AP-17	3500-1124	B	1.968" 49,99mm	45°	.650" 16,51mm	1.236" 31,39mm
		RDM-AP-17	3500-1124	B	1.968" 49,99mm	45°	.650" 16,51mm	1.236" 31,39mm
	KR150	RDM-AP-17	3500-1124	B	1.968" 49,99mm	45°	.650" 16,51mm	1.236" 31,39mm
		RDM-AP-17	3500-1124	B	1.968" 49,99mm	45°	.650" 16,51mm	1.236" 31,39mm
	KR3015	RDM-AP-8	3500-1147	A	1.575" 40,01mm	45°	.650" 16,51mm	1.937" 49,20mm
		RDM-AP-2	3500-1141	A	1.575" 40,01mm	22.5°	.525" 13,34mm	1.937" 49,20mm
MILLER®	MRV-2000	RDM-AP-8	3500-1147	A	1.575" 40,01mm	45°	.650" 16,51mm	1.937" 49,20mm
		RDM-AP-2	3500-1141	A	1.575" 40,01mm	22.5°	.525" 13,34mm	1.937" 49,20mm
	MRV-2300	RDM-AP-8	3500-1147	A	1.575" 40,01mm	45°	.650" 16,51mm	1.937" 49,20mm
		RDM-AP-2	3500-1141	A	1.575" 40,01mm	22.5°	.525" 13,34mm	1.937" 49,20mm
	MR-5	RDM-AP-7	3500-1146	A	1.265" 32,13mm	45°	.650" 16,51mm	1.579" 40,11mm
		RDM-AP-7	3500-1146	A	1.265" 32,13mm	45°	.650" 16,51mm	1.579" 40,11mm

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Robot Type	Robot Model No.	Adapter Part No.	Adapter Stock No.	Type	Ø A	B°	C	Ø D	
MILLER®	MR-1000	RDM-AP-7	3500-1146	A	1.265" 32,13mm	45°	.650" 16,51mm	1.579" 40,11mm	
	MRH	RDM-AP-7	3500-1146	A	1.265" 32,13mm	45°	.650" 16,51mm	1.579" 40,11mm	
	MRK5	RDM-AP-7	3500-1146	A	1.265" 32,13mm	45°	.650" 16,51mm	1.579" 40,11mm	
MOTOMAN®	SV-3	RDM-AP-24	3500-1181	B	1.240" 31,50mm	45°	.550" 13,97mm	.787" 19,99mm	
	K5	RDM-AP-8	3500-1147	A	1.575" 40,01mm	45°	.650" 16,51mm	1.937" 49,20mm	
		RDM-AP-2	3500-1141	A	1.575" 40,01mm	22.5°	.525" 13,34mm	1.937" 49,20mm	
	K6	RDM-AP-8	3500-1147	A	1.575" 40,01mm	45°	.650" 16,51mm	1.937" 49,20mm	
		RDM-AP-2	3500-1141	A	1.575" 40,01mm	22.5°	.525" 13,34mm	1.937" 49,20mm	
	K10	RDM-AP-8	3500-1147	A	1.575" 40,01mm	45°	.650" 16,51mm	1.937" 49,20mm	
		RDM-AP-2	3500-1141	A	1.575" 40,01mm	22.5°	.525" 13,34mm	1.937" 49,20mm	
	SK SERIES	RDM-AP-8	3500-1147	A	1.575" 40,01mm	45°	.650" 16,51mm	1.937" 49,20mm	
		RDM-AP-2	3500-1141	A	1.575" 40,01mm	22.5°	.525" 13,34mm	1.937" 49,20mm	
	SUPER K	RDM-AP-8	3500-1147	A	1.575" 40,01mm	45°	.650" 16,51mm	1.937" 49,20mm	
		RDM-AP-2	3500-1141	A	1.575" 40,01mm	22.5°	.525" 13,34mm	1.937" 49,20mm	
	UP6, UP20, UP20-6 & UP20M L SERIES	RDM-AP-27	3500-1191	A	1.575" 40,01mm	45°	.650" 16,51mm	1.937" 49,20mm	
		RDM-AP-9	3500-1148	B	2.047" 51,99mm	22.5°	.525" 13,34mm	1.569" 39,85mm	
	NACHI®	SC15	RDM-AP-11	3500-1115	A	1.890" 48,01mm	25°	.525" 13,34mm	.949" 24,10mm
		7603	RDM-AP-10	3500-1149	A	2.047" 51,99mm	22.5°	.525" 13,34mm	1.697" 43,10mm
		SC06	RDM-AP-26	3500-1114	B	1.890" 48,01mm	30°	.525" 13,34mm	.561" 14,25mm
	OTC DAIHEN®	DR 4000	RDM-AP-8	3500-1147	A	1.575" 40,01mm	45°	.650" 16,51mm	1.937" 49,20mm
			RDM-AP-2	3500-1141	A	1.575" 40,01mm	22.5°	.525" 13,34mm	1.937" 49,20mm
DR 500		RDM-AP-8	3500-1147	A	1.575" 40,01mm	45°	.650" 16,51mm	1.937" 49,20mm	
		RDM-AP-2	3500-1141	A	1.575" 40,01mm	22.5°	.525" 13,34mm	1.937" 49,20mm	
DR 4200		RDM-AP-8	3500-1147	A	1.575" 40,01mm	45°	.650" 16,51mm	1.937" 49,20mm	
		RDM-AP-2	3500-1141	A	1.575" 40,01mm	22.5°	.525" 13,34mm	1.937" 49,20mm	
DR 3000		RDM-AP-7	3500-1146	A	1.265" 32,13mm	45°	.650" 16,51mm	1.579" 40,11mm	
PANASONIC®		AW5A	RDM-AP-12	3500-1116	B	1.968" 49,99mm	45°	.525" 13,34mm	1.571" 39,90mm
	AW6A	RDM-AP-12	3500-1116	B	1.968" 49,99mm	45°	.525" 13,34mm	1.571" 39,90mm	
	AW10A	RDM-AP-12	3500-1116	B	1.968" 49,99mm	45°	.525" 13,34mm	1.571" 39,90mm	
	AW5C	RDM-AP-12	3500-1116	B	1.968" 49,99mm	45°	.525" 13,34mm	1.571" 39,90mm	
	AW6AL	RDM-AP-12	3500-1116	B	1.968" 49,99mm	45°	.525" 13,34mm	1.571" 39,90mm	
					1.968" 49,99mm				

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Robot Type	Robot Model No.	Adapter Part No.	Adapter Stock No.	Type	Ø A	B°	C	Ø D
PANASONIC®	VR 005	RDM-AP-12	3500-1116	B	1.968" 49,99mm	45°	.525" 13,34mm	1.571" 39,90mm
	VR 006	RDM-AP-12	3500-1116	B	1.968" 49,99mm	45°	.525" 13,34mm	1.571" 39,90mm
	VR 006L	RDM-AP-12	3500-1116	B	1.968" 49,99mm	45°	.525" 13,34mm	1.571" 39,90mm
	VR 008	RDM-AP-12	3500-1116	B	1.968" 49,99mm	45°	.525" 13,34mm	1.571" 39,90mm
	VR 16	RDM-AP-12	3500-1116	B	1.968" 49,99mm	45°	.525" 13,34mm	1.571" 39,90mm
	REIS®	RV6	RDM-AP-17	3500-1124	B	1.968" 49,99mm	45°	.650" 16,51mm
REIS®	RV6L	RDM-AP-17	3500-1124	B	1.968" 49,99mm	45°	.650" 16,51mm	1.236" 31,39mm
	RV-16	RDM-AP-20	3500-1177	B	2.480" 62,99mm	45°	.650" 16,51mm	1.888" 47,96mm
	RH-30-16	RDM-AP20	3500-1177	B	2.480" 62,99mm	45°	.650" 16,51mm	1.888" 47,96mm
STAUBLI®	RX90	RDM-AP-8	3500-1147	A	1.575" 40,01mm	45°	.650" 16,51mm	1.937" 49,20mm
		RDM-AP-2	3500-1141	A	1.575" 40,01mm	22.5°	.525" 13,34mm	1.937" 49,20mm

NOTE: Blank and adjustable RDM adapter plates are available which gives the Robot Technician the ability of machining to their specific robot wrist dimensions.

Part No. RDM-AP-1 (Stock No. 3500-1140) - Blank Adapter Plate

Part No. RDM-AP-ADJ (Stock No. 3500-1183) - Adjustable Adapter Plate