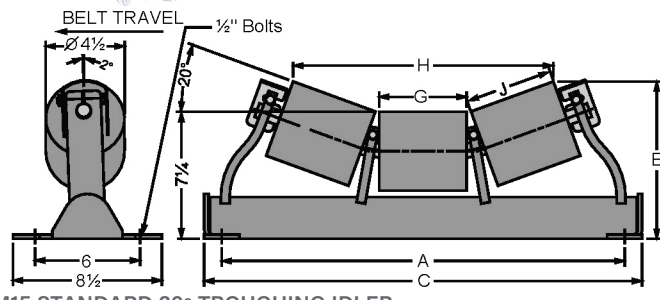


*WE KEEP IT MOVING®*

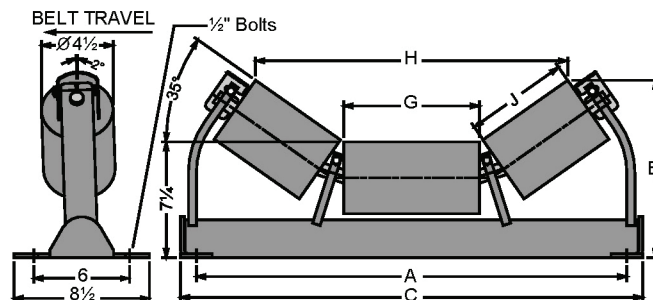
ENGINEERING & DIMENSIONS

**MARCO® IDLERS**

# MARCO® 20° AND 35° TROUGHING IDLERS



M15 STANDARD 20° TROUGHING IDLER



PART NUMBER	BELT WIDTH	A	C	E	G	H	J	WEIGHT
M15-14	14	23	25	9	5	14 7/8	5	26
M15-16	16	25	27	9	6 1/2	16 3/8	5	29
M15-18	18	27	29	9 1/2	6 1/2	19 1/4	6 1/2	32
M15-20	20	29	31	9 1/2	8 1/2	21 1/4	6 1/2	33
M15-24	24	33	35	10 1/4	8 1/2	25	8 1/2	37
M15-30	30	39	41	10 7/8	10 1/2	30 3/4	10 1/2	41
M15-36	36	45	47	11 5/8	12 1/2	36 1/2	12 1/2	45
M15-42	42	51	53	11 5/8	18 1/2	42 1/2	12 1/2	47

M15P PICKING IDLER 20° TROUGHING IDLER (LONG CENTER ROLL)

PART NUMBER	BELT WIDTH	A	C	E	G	H	J	WEIGHT
M15P-24	24	33	35	9 1/2	12 1/2	25 1/4	6 1/2	37
M15P-30	30	39	41	9 1/2	18 1/2	31 1/4	6 1/2	41
M15P-36	36	45	47	9 1/2	24 1/2	37 1/4	6 1/2	45
M15P-42	42	51	53	9 1/2	30 1/2	43 1/4	6 1/2	49

MA15 NARROW BASE 20° TROUGHING IDLER STYLE A

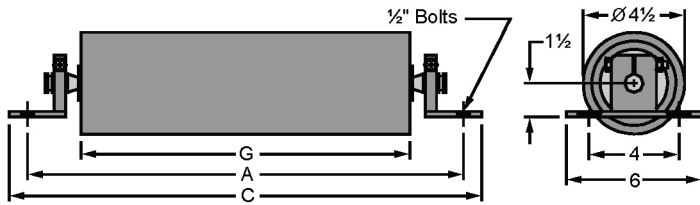
PART NUMBER	BELT WIDTH	A	C	E	G	H	J	WEIGHT
MA15-14	14	20 3/4	22 3/4	9	5	14 7/8	5	25
MA15-16	16	20 3/4	22 3/4	9	6 1/2	16 3/8	5	28
MA15-18	18	24 3/4	26 3/4	9 1/2	6 1/2	19 1/4	6 1/2	31
MA15-20	20	24 3/4	26 3/4	9 1/2	8 1/2	21 1/4	6 1/2	32
MA15-24	24	28 3/4	30 3/4	10 1/4	8 1/2	25	8 1/2	36
MA15-30	30	39	41	10 7/8	10 1/2	30 3/4	10 1/2	40
MA15-36	36	42 1/2	44 1/2	11 5/8	12 1/2	36 1/2	12 1/2	45
MA15-42	42	50 1/2	52 1/2	11 5/8	18 1/2	42 1/2	12 1/2	48

M1534 EQUAL 35° TROUGHING IDLER

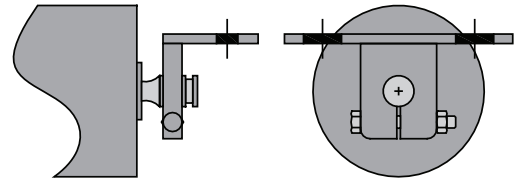
PART NUMBER	BELT WIDTH	A	C	E	G	H	J	WEIGHT
M1534-18	18	27	29	11 1/8	6 1/2	17 1/2	6 1/2	34
M1534-20	20	29	31	11 1/8	8 1/2	19 1/2	6 1/2	36
M1534-24	24	33	35	12 1/4	8 1/2	22 3/4	8 1/2	38
M1534-30	30	39	41	13 3/8	10 1/2	28 1/4	10 1/2	45
M1534-36	36	45	47	14 1/2	12 1/2	33 3/8	12 1/2	53
M1534-42	42	51	53	15 5/8	14 1/2	38 1/2	14 1/2	61

M1535 PICKING 35° TROUGHING IDLER (LONG CENTER ROLL)

PART NUMBER	BELT WIDTH	A	C	E	G	H	J	WEIGHT
M1535-18	18	27	29	11 1/8	8 1/2	19 1/2	6 1/2	35
M1535-20	20	29	31	11 1/8	10 1/2	21 1/2	6 1/2	37
M1535-24	24	33	35	12 1/4	10 1/2	24 3/4	8 1/2	39
M1535-30	30	39	41	12 1/4	16 1/2	30 3/4	8 1/2	44
M1535-36	36	45	47	12 1/4	22 1/2	36 3/4	8 1/2	49
M1535-42	42	51	53	13 3/8	24 1/2	42	10 1/2	53



### ALTERNATE MOUNTING



### M15R STANDARD RETURN IDLER (STEEL)

PART NUMBER	BELT WIDTH	A	C	G	WEIGHT
M15R-14	14	23	24 5/8	18 1/2	16
M15R-16	16	25	26 5/8	20 1/2	17
M15R-18	18	27	28 5/8	22 1/2	19
M15R-20	20	29	30 5/8	24 1/2	20
M15R-24	24	33	34 5/8	28 1/2	22
M15R-30	30	39	40 5/8	34 1/2	26
M15R-36	36	45	46 5/8	40 1/2	29
M15R-42	42	51	52 5/8	46 1/2	33

### MA15R NARROW BASE RETURN STYLE A (STEEL)

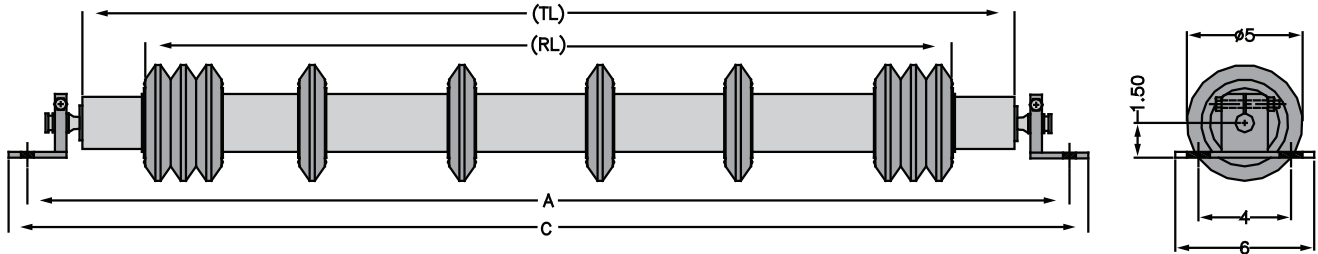
PART NUMBER	BELT WIDTH	A	C	G	WEIGHT
MA15R-14/16	14	20 3/4	22 3/8	16 1/2	15
	16				
MA15R-18/20	18	24 3/4	26 3/8	20 1/2	18
	20				
MA15R-24	24	28 3/4	30 3/8	24 1/2	20
MA15R-30	30	39	40 5/8	35 1/2	26
MA15R-36	36	42 1/2	44 1/8	38 1/2	28
MA15R-42	42	50 1/2	52 1/8	45 1/2	32

### MD15R RETURN IDLER STYLE D (STEEL)

PART NUMBER	BELT WIDTH	A	C	G	WEIGHT
MD15R-14	14	22	23 5/8	17 1/4	13
MD15R-16	16	24	25 5/8	19 1/4	14
MD15R-18	18	26	27 5/8	21 1/4	15
MD15R-20	20	28	29 5/8	23 1/4	16
MD15R-24	24	32	33 5/8	27 1/4	18
MD15R-30	30	38	39 5/8	33 1/4	21
MD15R-36	36	44	45 5/8	39 1/4	24
MD15R-42	42	50	51 5/8	45 1/4	26

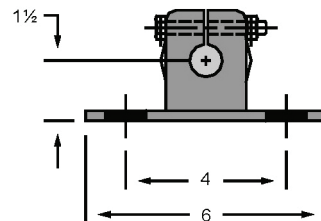
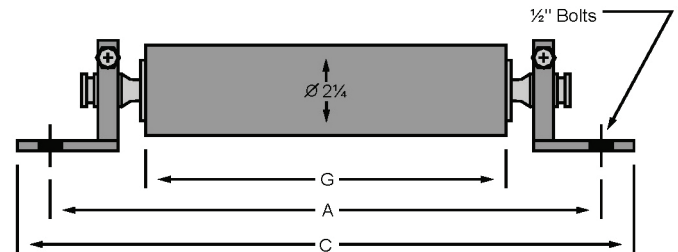
### M15RM RUBBER DISC RETURN

PART NUMBER	BELT WIDTH	TL	RL	A	C	WEIGHT
M15RM-14	14	18 1/4	13	23	24 5/8	19
M15RM-16	16	20 1/4	15	25	26 5/8	20
M15RM-18	18	22 1/4	17	27	28 5/8	21
M15RM-20	20	24 1/4	19	29	30 5/8	22
M15RM-24	24	28 1/4	23	33	34 5/8	24
M15RM-30	30	34 1/4	29	39	40 5/8	27
M15RM-36	36	40 1/4	35	45	46 5/8	31
M15RM-42	42	46 1/4	41	51	52 5/8	34

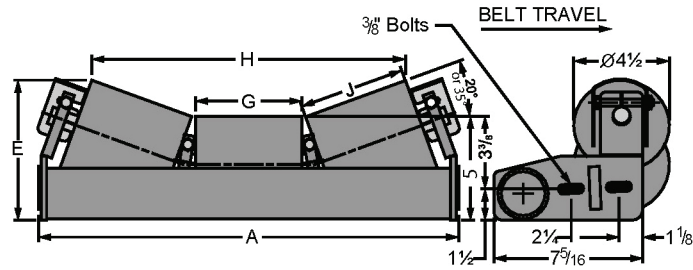


### M15FS FLAT ROLL

PART NUMBER	BELT WIDTH	A	C	G	WEIGHT
M15FS-14	14	23	24 5/8	18 1/2	15
M15FS-16	16	25	26 5/8	20 1/2	16
M15FS-18	18	27	28 5/8	22 1/2	17
M15FS-20	20	29	30 5/8	24 1/2	18
M15FS-22	22	31	32 5/8	26 1/2	19
M15FS-24	24	33	34 5/8	28 1/2	20
M15FS-26	26	35	36 5/8	30 1/2	21
M15FS-28	28	37	38 5/8	32 1/2	22
M15FS-30	30	39	40 5/8	34 1/2	23
M15FS-32	32	41	42 5/8	36 1/2	24
M15FS-34	34	43	44 5/8	38 1/2	25
M15FS-36	36	45	46 5/8	40 1/2	26
M15FS-38	38	47	48 5/8	42 1/2	27
M15FS-40	40	49	50 5/8	44 1/2	28
M15FS-42	42	51	52 5/8	46 1/2	29
M15FS-44	44	53	54 5/8	48 1/2	30
M15FS-46	46	55	56 5/8	50 1/2	31
M15FS-48	48	57	58 5/8	52 1/2	32



# MARCO® CHANNEL INSET LOW-HEADROOM IDLERS



**MD15 EQUAL 20° LOW-HEADROOM TROUGHER STYLE D**

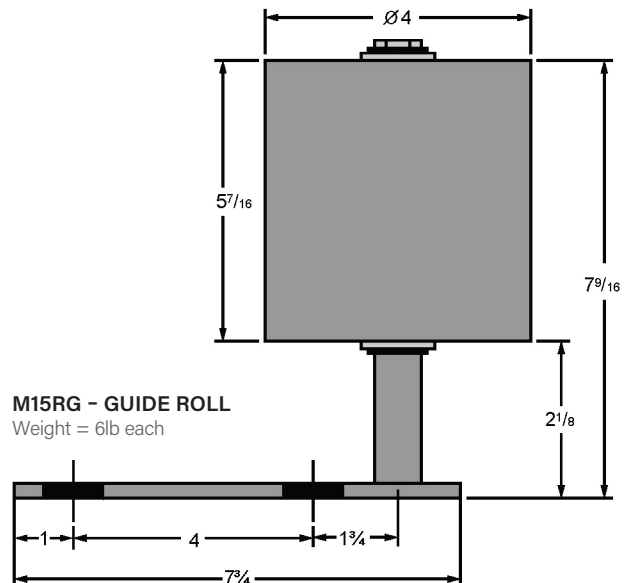
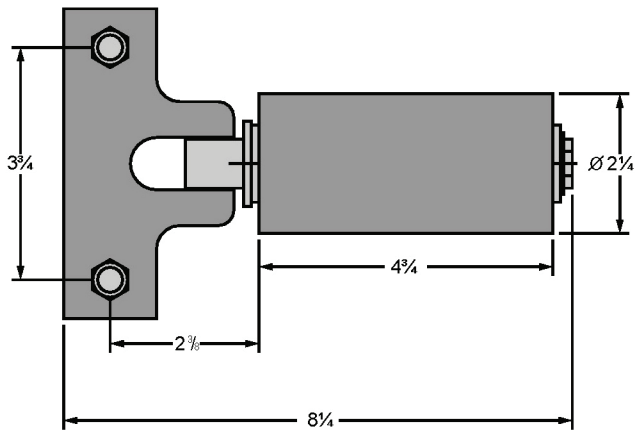
PART NUMBER	BELT WIDTH	A	E	G	H	J	WEIGHT
MD15-14	14	19 3/4	6 5/8	5	14 3/4	5	26
MD15-16	16	21 3/4	6 5/8	6 1/2	16 1/4	5	27
MD15-18	18	23 3/4	7 1/8	6 1/2	19	6 1/2	29
MD15-20	20	25 3/4	7 1/8	8 1/2	21 1/4	6 1/2	30
MD15-24	24	29 3/4	7 7/8	8 1/2	25	8 1/2	33
MD15-30	30	35 3/4	8 1/2	10 1/2	30 3/4	10 1/2	39
MD15-36	36	41 3/4	9 1/8	12 1/2	36 1/2	12 1/2	49
MD15-42	42	47 3/4	9 1/8	18 1/2	42 3/8	12 1/2	55

**MD1534 EQUAL 35° LOW-HEADROOM TROUGHER STYLE D**

PART NUMBER	BELT WIDTH	A	E	G	H	J	WEIGHT
MD1534-18	18	23 3/4	8 11/16	6 1/2	17 5/8	6 1/2	33
MD1534-20	20	25 3/4	8 11/16	8 1/2	19 5/8	6 1/2	34
MD1534-24	24	29 3/4	9 7/8	8 1/2	23	8 1/2	37
MD1534-30	30	35 3/4	10 15/16	10 1/2	28 1/4	10 1/2	42
MD1534-36	36	41 3/4	12 1/16	12 1/2	33 1/2	12 1/2	52
MD1534-42	42	47 3/4	13 5/16	14 1/2	38 3/4	14 1/2	58

## M15G - GUIDE ROLL

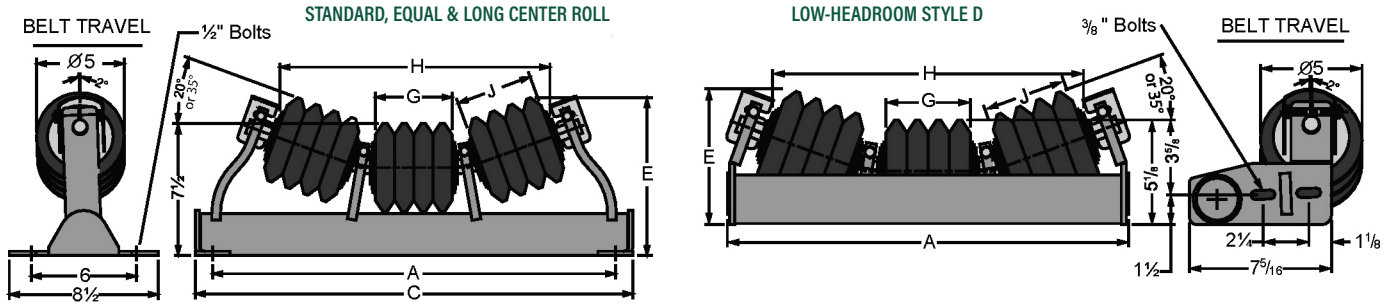
The M15G is designed to be bolted onto the end bracket of the troughing idler to help guide the belt. Weight = 4 1/2 lb each



## M15RG - GUIDE ROLL

Weight = 6lb each

Marco® impact idlers use the same frame as Marco® steel roll idlers. Impact idlers use a 5" diameter rubber disc roll instead of 4½" diameter steel roll. The center roll height for the Marco® rubber disc roller is 7½" compared to 7¼" for the Marco® steel roll idlers.



**M15M IMPACT STANDARD 20° TROUGHING IDLER**

PART NUMBER	BELT WIDTH	A	C	E	G	H	J	WEIGHT
M15M-14	14	23	25	9	5	14 7/8	5	33
M15M-16	16	25	27	9	6 1/2	16 5/8	5	36
M15M-18	18	27	29	9 1/2	6 1/2	19 1/4	6 1/2	39
M15M-20	20	29	31	9 1/2	8 1/2	21 1/4	6 1/2	42
M15M-24	24	33	35	10 1/4	8 1/2	25	8 1/2	49
M15M-30	30	39	41	10 7/8	10 1/2	30 3/4	10 1/2	58
M15M-36	36	45	47	11 5/8	12 1/2	36 1/2	12 1/2	67
M15M-42	42	51	53	11 5/8	18 1/2	42 1/2	12 1/2	76

**M1534M IMPACT EQUAL 35° TROUGHING IDLER**

PART NUMBER	BELT WIDTH	A	C	E	G	H	J	WEIGHT
M1534M-18	18	27	29	11 1/8	6 1/2	17 1/2	6 1/2	41
M1534M-20	20	29	31	11 1/8	8 1/2	19 1/2	6 1/2	44
M1534M-24	24	33	35	12 1/4	8 1/2	22 3/4	8 1/2	49
M1534M-30	30	39	41	13 3/8	10 1/2	28 1/4	10 1/2	59
M1534M-36	36	45	47	14 1/2	12 1/2	33 3/8	12 1/2	68
M1534M-42	42	51	53	15 5/8	14 1/2	38 1/2	14 1/2	77

**M1535M IMPACT PICKING 35° TROUGHING IDLER (LONG CENTER ROLL)**

PART NUMBER	BELT WIDTH	A	C	E	G	H	J	WEIGHT
M1535M-18	18	27	29	11 1/8	8 1/2	19 1/2	6 1/2	41
M1535M-20	20	29	31	11 1/8	10 1/2	21 1/2	6 1/2	44
M1535M-24	24	33	35	12 1/4	10 1/2	24 3/4	8 1/2	49
M1535M-30	30	39	41	13 3/8	16 1/2	30 3/4	8 1/2	59
M1535M-36	36	45	47	14 1/2	22 1/2	36 3/4	8 1/2	68
M1535M-42	42	51	53	15 5/8	24 1/2	42	10 1/2	77

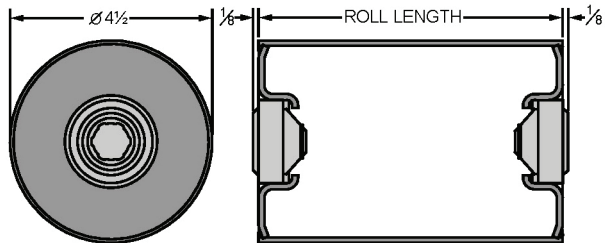
**MD15M IMPACT EQUAL 20° LOW-HEADROOM TROUGHING IDLER STYLE D**

PART NUMBER	BELT WIDTH	A	E	G	H	J	WEIGHT
MD15M-14	14	19.75	6 5/8	5	14 3/4	5	24
MD15M-16	16	21.75	6 5/8	6 1/2	16 1/4	5	30
MD15M-18	18	23.75	7 1/8	6 1/2	19	6 1/2	33
MD15M-20	20	25.75	7 1/8	8 1/2	21 1/4	6 1/2	36
MD15M-24	24	29.75	7 7/8	8 1/2	25	8 1/2	40
MD15M-30	30	35.75	8 1/2	10 1/2	30 3/4	10 1/2	46
MD15M-36	36	41.75	9 1/8	12 1/2	36 1/2	12 1/2	52
MD15M-42	42	47.75	9 1/8	18 1/2	42 3/8	12 1/2	59

**MD1534M IMPACT EQUAL 35° LOW-HEADROOM TROUGHING IDLER STYLE D**

PART NUMBER	BELT WIDTH	A	E	G	H	J	WEIGHT
MD1534M-18	18	23.75	8 11/16	6 1/2	17 5/8	6 1/2	33
MD1534M-20	20	25.75	8 11/16	8 1/2	19 5/8	6 1/2	36
MD1534M-24	24	29.75	9 7/8	8 1/2	23	8 1/2	40
MD1534M-30	30	35.75	10 15/16	10 1/2	28 1/4	10 1/2	46
MD1534M-36	36	41.75	12 1/16	12 1/2	33 1/2	12 1/2	52
MD1534M-42	42	47.75	13 5/16	14 1/2	38 3/4	14 1/2	59

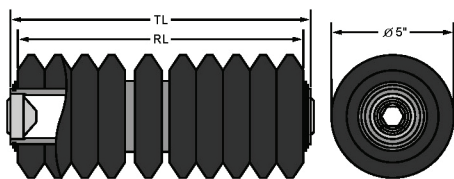
# MARCO® IDLER PARTS



For CB504 replacement rolls to fit other frames, see our CB504 Roll flyer which can be downloaded from our website at [www.ppi-global.com](http://www.ppi-global.com).

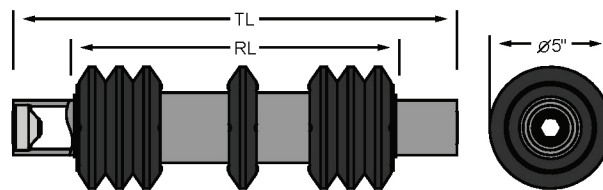
## MARCO® ROLLS

PART NUMBER	ROLL LENGTH	WEIGHT
M3504-4.75	4 3/4	4.1
M3504-6.25	6 1/4	4.8
M3504-8.25	8 1/4	5.7
M3504-10.25	10 1/4	6.7
M3504-12.25	12 1/4	7.6
M3504-14.25	14 1/4	8.5
M3504-16.25	16 1/4	9.5
M3504-18.25	18 1/4	10.4
M3504-20.25	20 1/4	11.3
M3504-22.25	22 1/4	12.3
M3504-24.25	24 1/4	13.2
M3504-26.25	26 1/4	14.2
M3504-28.25	28 1/4	15.1
M3504-32.25	32 1/4	16.9
M3504-34.25	34 1/4	17.9
M3504-38.25	38 1/4	19.8
M3504-40.25	40 1/4	20.7
M3504-44.25	44 1/4	22.6
M3504-46.25	46 1/4	23.5



## MARCO® IMPACT ROLLS

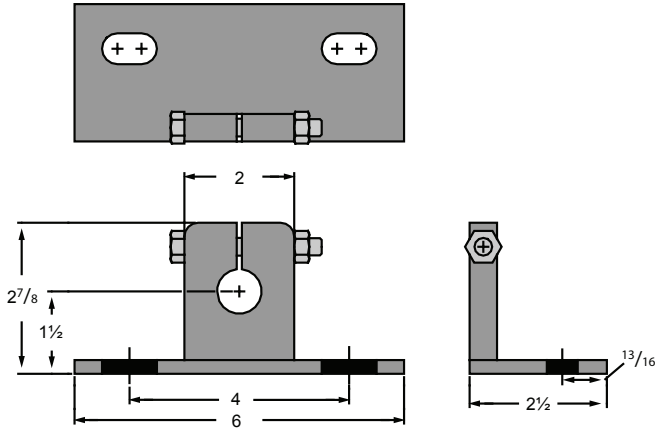
PART NUMBER	RL	TL	WEIGHT
M15M-106-5	4 3/16	4 3/4	4.4
M15M-106-6	5 11/16	6 1/4	5.7
M15M-106-8	7 11/16	8 1/4	7.7
M15M-106-10	9 11/16	10 1/4	9.8
M15M-106-12	11 11/16	12 1/4	11.2
M15M-106-14	13 11/16	14 1/4	13.2
M15M-106-16	15 11/16	16 1/4	15.3
M15M-106-18	17 11/16	18 1/4	17.4
M15M-106-20	19 11/16	20 1/4	18.8
M15M-106-22	21 11/16	22 1/4	20.8
M15M-106-24	23 11/16	24 1/4	22.9



## MARCO® RUBBER DISC RETURN ROLLS

PART NUMBER	RL	TL	WEIGHT
M15RM-106-18	13	18 1/4	14.5
M15RM-106-20	15	20 1/4	15.7
M15RM-106-22	17	22 1/4	16.8
M15RM-106-24	19	24 1/4	18.5
M15RM-106-28	24	28 1/4	20.8
M15RM-106-34	29	34 1/4	24.8
M15RM-106-40	35	40 1/4	28.7
M15RM-106-46	41	46 1/4	32.7

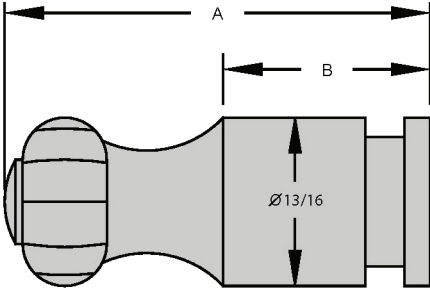
1½" MOUNTING BRACKET



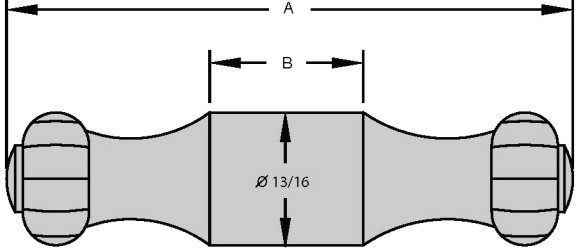
Part # M15R-101-1

Weight 1.7 lb

MARCO® END STUB SHAFT - TYPE 1



MARCO® CENTER STUB SHAFT - TYPE 2



MARCO® STUB SHAFTS

PART NUMBER	DESCRIPTION	TYPE	A	B	WEIGHT
40451	End Stub Shaft	1	2 1/2	1 1/2	0.30
40456	15 Series	2	2 5/8	5/8	0.26
40458	1534 & 1535 Series	2	3	1	0.34



**PPI**<sup>®</sup>

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