

# NEW ENGINE PRO PERFORMANCE ROLLER VALVE LIFTERS

• Made In USA • Made from highest quality 8620 tool steel

## Engine Pro Retro Fit Hydraulic

- Designed to update vintage engines to modern hydraulic roller lifters
- Fully machined bodies ensure stability in blocks not originally designed for roller lifters
- .700 wheel diameter yields accurate valve lift with mild to moderate cam designs with up to .370 lobe lift
- All axles are located with a lock wire

## Engine Pro Pro Series Mechanical

- Intended for sportsman level circle track or drag racing
- Tool steel wheels .750 diameter
- Lifter bodies are machined from alloy steel in the USA
- Fully rebuildable
- Vertical or horizontal tie bar available

## Engine Pro Pro Series Hydraulic

- Designed for maximum performance using Hydraulic roller lifters
- Good for over 7000 RPM with compatible valve train
- Machined from tool steel
- Centerless ground to .0003 tolerance
- Precision oil control ensures minimal bleed down
- Larger .750 wheel works with even the most aggressive hydraulic profiles
- Each lifter is individually pressure tested to validate performance



## Engine Pro Ultra Series Mechanical

- Our best conventional needle bearing lifter
  - Machined, heat treated, centerless ground and finished in house to control quality
  - Tool steel bodies
  - 9310 axle with loc wire retention
- OPTIONS: up to .850 wheel diameter, standard or + .300 tall, pressure fed oiling*

## Engine Pro Ultra Series Bushing Mechanical

- Bushing design replaces needle roller bearings
- Up to 40% increase in load capacity vs. needle design
- Increased capacity for modern cam profiles and spring rates
- Material developed for the aerospace industry
- Fully rebuildable
- Not for use with oil restrictors

<b>Legend:</b>	P/O = Pressurized Oiling	<b>NOTE:</b> All lifters with a tie bar (T/B) are designed to be installed in either Retro-Fit engines or engines originally equipped with roller lifters
HLT = HYD Limited Travel 0 to .005" Preload	NBA = Nascar Bearing and Axle	
U/P = Ultra Pro Pressurized Oiling	T/B = Tie Bar (Vertical or Horizontal)	
O/C = Pushrod Seat On Center	UFRS = Ultimate Fighter Roller Series	

Part #	BodyD	RollID	Description
<b>AMC 304-401 CU IN HYDRAULIC ROLLER LIFTERS</b>			
17-6076-16	0.903	0.700	AMC .903D T/B STREET PERF HYD ROLLER 304-401 CU IN V-8
<b>BUICK 350 CU IN HYDRAULIC ROLLER LIFTERS</b>			
17-5386-16	0.842	0.700	BUICK .842D T/B STREET PERF HYD ROLLER 350 CU IN V-8
<b>BUICK 350 CU IN MECHANICAL ROLLER LIFTERS</b>			
17-5555-16	0.842	0.700	BUICK .842D T/B STREET PERF MECH ROLLER
<b>BUICK 401-425-455 CU IN HYDRAULIC ROLLER LIFTERS</b>			
17-5333-16	0.842	0.700	BUICK .842D T/B STREET PERF HYD ROLLER 401-425-455 CU IN V-8
<b>BUICK 401-425-455 CU IN MECHANICAL ROLLER LIFTERS</b>			
17-5345-16	0.842	0.700	BUICK .842D T/B MECH STREET PERF ROLLER 401-425-455 CU IN V-8
<b>BUICK TURBO V-6 HYDRAULIC ROLLER LIFTERS</b>			
17-5393-12	0.842	0.700	BUICK .842D T/B STREET PERF HYD ROLL TURBO V6
<b>BUICK TURBO V-6 MECHANICAL ROLLER LIFTERS</b>			
17-5553-12	0.842	0.700	BUICK .842D T/B STREET PERF MECH ROLLER
<b>CADILLAC 425-472-500 HYDRAULIC ROLLER LIFTERS</b>			
17-5331-16	0.842	0.700	CAD .842D T/B STREET PERF HYD ROLLER
<b>CADILLAC 425-472-500 MECHANICAL ROLLER LIFTERS</b>			
17-5356-16	0.842	0.700	CAD .842D T/B MECH STREET PERF ROLLER 425-472-500 CU IN V-8
<b>CHEVY SB HYDRAULIC ROLLER LIFTERS</b>			
17-5372-16	0.842	0.700	SBC .842D T/B STREET PERF HYD ROLLER
17-4602-16	0.842	0.750	SBC .842D T/B PERF HYD ROLLER
17-4789-16	0.842	0.750	SBC .842D T/B HYD PERF (HLT) ROLLER
17-5044-16	0.842	0.750	SBC .842D T/B HI RPM HYD RACING (DO NOT USE OIL HEAVIER THAN 5W40)
17-5468-16	0.903	0.810	SBC .903D T/B HI RPM P/O HYD O/C RACING (DO NOT USE OIL HEAVIER THAN 5W40)

# ENGINE PRO PERFORMANCE ROLLER VALVE LIFTERS CONTINUED

Part #	BodyD	RollID	Description
<b>CHEVY SB MECHANICAL ROLLER LIFTERS</b>			
17-5511-16	0.842	0.700	SBC .842D T/B STREET PERF MECH ROLLER
17-4601-16	0.842	0.750	SBC .842D HORIZ T/B MECH ROLLER
17-4604-16	0.842	0.750	SBC .842D T/B MECH ROLLER +.300 O/C
17-4843-16	0.842	0.750	SBC .842D T/B U/P P/O +.300 O/C USE FOR SB2 HEADS ON STD BLOCK
17-6111-16	0.842	0.750	SBC .842D BUSHING UFRS T/B U/P P/O +.300 O/C
17-5965-16	0.842	0.750	SBC .842 T/B U/P +.300 O/C WITH (NBA)
17-4838-16	0.842	0.750	SBC .842D T/B U/P P/O +.300 .180 L&R INT OFFSET
17-6190-16	0.842	0.750	SBC .842D T/B U/P P/O +.300 .180 INT & EX OFFSET
17-6114-16	0.842	0.750	SBC .842D BUSHING UFRS T/B U/P P/O +.300 .180 L&R INT OFFSET
17-5963-16	0.842	0.750	SBC .842D T/B U/P +.300 (L&R OFFSET .180 EACH PAIR)
17-6348-16	0.842	0.750	SBC .842D BUSHING UFRS T/B U/P P/O +.300 .180 INT & EX OFFSET
17-4914-16	0.842	0.750	SBC/BUICK .842D T/B U/P P/O LEFT INT OFFSET
17-5919-16	0.875	0.750	SBC .875D T/B U/P P/O O/C
17-6116-16	0.875	0.750	SBC .875D BUSHING UFRS T/B U/P P/O O/C
17-5965-16	0.842	0.750	SBC .875D BUSHING UFRS T/B U/P P/O O/C
17-5910-16	0.875	0.750	SBC .875D T/B U/P P/O .180 L&R INT OFFSET
17-4867-16	0.903	0.810	SBC .903D T/B U/P P/O +.300 O/C
17-6118-16	0.903	0.750	SBC .842 T/B U/P +.300 O/C WITH (NBA)
17-4872-16	0.903	0.810	SBC .903D T/B U/P P/O +.300 .180 L&R INT OFFSET
17-6192-16	0.903	0.810	SBC .903D T/B U/P P/O +.300 .180 INT & EX OFFSET
17-6121-16	0.903	0.810	SBC .903D BUSHING UFRS T/B U/P P/O +.300 .180 L&R INT OFFSET
17-4989-16	0.903	0.810	SBC/BUICK .903D T/B U/P P/O .180 LEFT INT OFFSET
17-6123-16	0.903	0.810	SBC/BUICK .903D BUSHING UFRS T/B U/P P/O .180 LEFT INT OFFSET
17-6359-16	0.903	0.810	SBC .903D BUSHING UFRS T/B U/P P/O +.300 .180 INT & EX OFFSET EACH PAIR
17-6125-16	0.936	0.850	SBC .936D BUSHING UFRS T/B U/P P/O +.300 O/C
17-6128-16	0.936	0.850	SBC .936D BUSHING UFRS T/B U/P P/O +.300 .180 L&R INT OFFSET
17-4877-16	0.936	0.850	SBC .936D T/B U/P P/O +.300 O/C - TBA June 2013
17-4882-16	0.936	0.850	SBC .936D T/B U/P P/O +.300 .180 L&R INT OFFSET - TBA June 2013
<b>CHEVY SB HYDRAULIC ROLLER LIFTERS FACTORY REP POLISHED BODIES</b>			
17-5315-16	0.842	0.700	SBC .842D STK REP POL HYD ROLL 87-93 5.0,5.7,4.3
<b>CHEVY LS HYDRAULIC ROLLER LIFTERS</b>			
17-4708-16	0.842	0.750	LS .842D HYD ROLLER FOR STD & HI LIFT FITS LS STOCK ROCKER BOXES
17-4793-16	0.842	0.750	LS .842D HYD ROLLER (HLT) FOR STD & HI LIFT FITS LS STOCK ROCKER BOXES
17-5290-16	0.842	0.700	LS .842D T/B STREET PERF HYD ROLLER
17-5206-16	0.842	0.750	LS .842D T/B HYD ROLLER AND MOTOWN
17-5850-16	0.842	0.750	LS .842D T/B (HLT) HYD ROLLER AND MOTOWN
17-5294-16	0.842	0.750	LS .842D T/B HI RPM O/C HYD ROLLER (DO NOT USE OIL HEAVIER THAN 5W40)
17-5472-16	0.903	0.810	LS .903D T/B HI RPM O/C P/O HYD ROLLER (DO NOT USE OIL HEAVIER THAN 5W40)
<b>CHEVY LS MECHANICAL ROLLER LIFTERS</b>			
17-4737-16	0.842	0.750	LS .842D MECH ROLLER FOR STD & HI LIFT FITS LS STOCK ROCKER BOXES
17-5564-16	0.936	0.850	LS .936D MECH KEYED .937 - .850 ROLLER DIA (REQUIRED KEYED BUSHING)
17-5989-16	0.842	0.700	LS .842D T/B STREET PERF MECH ROLLER
17-5452-16	0.842	0.750	LS .842D T/B MECH ROLLER FOR STD & HI LIFT
17-5425-16	0.842	0.750	LS .842D T/B U/P P/O +.300 O/C AND MOTOWN
17-6177-16	0.842	0.750	LS .842D BUSHING UFRS T/B U/P P/O +.300 O/C
17-5428-16	0.903	0.810	LS .903D T/B U/P P/O +.300 O/C
17-6132-16	0.903	0.810	LS .903D BUSHING UFRS T/B U/P P/O +.300 O/C
17-5457-16	0.903	0.810	LS .903D T/B U/P P/O +.300 .180 LEFT INT OFFSET
17-6136-16	0.903	0.810	LS .903D BUSHING UFRS T/B U/P P/O +.300 .180 LEFT INT OFFSET
17-6200-16	0.936	0.850	LS .936D BUSHING UFRS T/B U/P P/O +.300 .180 LEFT INT OFFSET
17-6380-16	0.936	0.850	LS .936D T/B U/P P/O +.300 O/C; FITS 5 & 6 HEAD BOLT PATTERN
17-6196-16	0.936	0.850	BUSHING UFRS LS .936D T/B U/P P/O +.300 O/C FITS 5 & 6 HEAD BOLT PATTERN
17-6382-16	0.936	0.850	LS .936D T/B U/P P/O +.300; .180 LEFT INT O/S FITS 5 & 6 HEAD BOLT PATTERN
17-6200-16	0.936	0.850	BUSHING UFRS LS .936D T/B U/P P/O +.300; .180 LEFT INT O/S FITS 5 & 6 HEAD BOLT PATTERN

**Legend:**

HLT = HYD Limited Travel 0 to .005" Preload  
 U/P = Ultra Pro Pressurized Oiling  
 O/C = Pushrod Seat On Center

P/O = Pressurized Oiling  
 NBA = Nascar Bearing and Axle  
 T/B = Tie Bar (Vertical or Horizontal)  
 UFRS = Ultimate Fighter Roller Series

**NOTE:** All lifters with a tie bar (T/B) are designed to be installed in either Retro-Fit engines or engines originally equipped with roller lifters

# ENGINE PRO PERFORMANCE ROLLER VALVE LIFTERS CONTINUED



Part #	BodyD	RollID	Description
<b>CHEVY BB HYDRAULIC ROLLER LIFTERS</b>			
17-5475-16	0.842	0.750	MERCURY MARINE DOG BONE .842D HYD ROLLER
17-5374-16	0.842	0.700	BBC .842D T/B STREET PERF HYD ROLLER
17-4603-16	0.842	0.750	BBC .842D T/B HYD ROLLER
17-4795-16	0.842	0.750	BBC .842D T/B HYD (HLT) ROLLER
17-5045-16	0.842	0.750	BBC .842D T/B HI RPM O/C (DO NOT USE OIL HEAVIER THAN 5W40)
17-5470-16	0.903	0.810	BBC .903D T/B HI RPM P/O HYD ROLLER .300 O/C (DO NOT USE OIL HEAVIER THAN 5W40)
<b>CHEVY BB MECHANICAL ROLLER LIFTERS</b>			
17-5547-16	0.842	0.700	BBC .842D T/B STREET PERF MECH ROLLER
17-4677-16	0.842	0.750	BBC .842D HORIZ T/B MECH ROLLER
17-4606-16	0.842	0.750	BBC .842D T/B MECH ROLLER .300 TALL O/C
17-4845-16	0.842	0.750	BBC .842D T/B U/P P/O +.300 O/C
17-6138-16	0.842	0.750	BBC .842D BUSHING UFRS T/B U/P P/O +.300 O/C
17-4841-16	0.842	0.750	BBC .842D T/B U/P P/O +.300 .180 L&R INT OFFSET
17-6141-16	0.842	0.750	BBC .842D BUSHING UFRS T/B U/P P/O +.300 .180 L&R INT OFFSET
17-4869-16	0.903	0.810	BBC .903D T/B U/P P/O .903 +.300 O/C
17-6143-16	0.903	0.810	BBC .903D BUSHING UFRS T/B U/P P/O .903 +.300 O/C
17-4875-16	0.903	0.810	BBC .903D T/B U/P P/O +.300 .180 L&R INT OFFSET
17-6146-16	0.903	0.810	BBC .903D BUSHING UFRS T/B U/P P/O +.300 .180 L&R INT OFFSET
17-6048-16	0.903	0.810	BBC .903D T/B U/P P/O +.300 .180 RH INT OFFSET
17-6148-16	0.903	0.810	BBC .903D BUSHING UFRS T/B U/P P/O +.300 .180 RH INT OFFSET
17-6361-16	0.903	0.810	BBC .903D T/B U/P P/O +.300 (.180 INT & EX OFFSET EACH PAIR)
17-6363-16	0.903	0.810	BUSHING UFRS BBC .903D T/B U/P P/O +.300 (.180 INT & EXH OFFSET EACH PAIR)
17-6202-16	0.936	0.850	BBC .936D BUSHING UFRS T/B U/P P/O +.300 O/C
17-6204-16	0.936	0.850	BBC .936D BUSHING UFRS T/B U/P P/O +.300 .180 L&R INT OFFSET
17-4879-16	0.936	0.850	BBC .936D T/B U/P P/O +.300 O/C - TBA June 2013
17-4885-16	0.936	0.850	BBC .936D T/B U/P P/O +.300 .180 L&R INT OFFSET - TBA June 2013
<b>CHEVY 348 - 409 CU IN HYDRAULIC ROLLER LIFTERS</b>			
17-5339-16	0.842	0.700	CHEVY .842D T/B STREET PERF HYD ROLLER 348-409 CU IN V-8
17-6087-16	0.842	0.750	CHEVY .842D T/B PRO HYD ROLLER 348-409-CU. IN.
<b>CHEVY 348 - 409 CU IN MECHANICAL ROLLER LIFTERS</b>			
17-5347-16	0.842	0.700	CHEVY 348 409 .842D T/B STREET PERF MECH ROLLER
<b>CHRYSLER HYDRAULIC ROLLER LIFTERS</b>			
17-5321-16	0.903	0.700	MOPAR SB .903D STREET PERF HYD ROLLER FITS MAGNUM ENGS OR EARLY LA SERIES BLOCKS WITH MAGNUM STYLE HEADS
17-6072-16	0.903	0.810	MOPAR SB .903D T/B HI RPM HYD ROLLER
17-5319-16	0.903	0.700	MOPAR .903D T/B STREET PERF HYD ROLLER 440
17-6074-16	0.903	0.810	MOPAR 440 .903D T/B HI RPM HYD ROLLER
<b>CHRYSLER MECHANICAL ROLLER LIFTERS</b>			
17-5523-16	0.903	0.700	MOPAR A .903D T/B STREET PERF MECH ROLL
17-4723-16	0.903	0.750	MOPAR A .903D T/B MECH ROLLER MOPAR 318-340-360 CU IN
17-5526-16	0.903	0.700	MOPAR B 440 .903D T/B STREET PERF MECH ROLL
17-4730-16	0.903	0.750	MOPAR B .903D T/B MECH ROLLER
17-5260-16	0.903	0.810	MOPAR A .903D T/B U/P P/O O/C
17-6170-16	0.903	0.810	MOPAR A .903D BUSHING UFRS T/B U/P P/O O/C
17-5270-16	0.903	0.810	MOPAR B .903D T/B U/P O/C
17-6172-16	0.903	0.810	MOPAR B .903D BUSHING UFRS T/B U/P O/C
17-5561-16	0.903	0.810	MOPAR B .903D T/B U/P .180 L&R INT OFFSET
17-6175-16	0.903	0.81	MOPAR B .903D BUSHING UFRS T/B U/P .180 L&R INT OF/S
<b>FORD SB/BB HYDRAULIC ROLLER LIFTERS</b>			
17-5323-16	0.875	0.700	FORD .875D T/B STREET PERF HYD ROLLER WIND/CLEV 351-400 CU IN (302 CU IN REQUIRES HEAD REMOVAL TO INSTALL LIFTERS)
17-5327-16	0.875	0.700	FORD .875D T/B HYD ROLLER (HLT) WIND/CLEV 351-400 CU IN (302 CU IN REQUIRES HEAD REMOVAL TO INSTALL LIFTERS)
17-5879-16	0.875	0.750	FORD WIND & CLEV .875D T/B PRO HYD ROLLER WIND/CLEV 351-400 CU IN (302 CU IN REQUIRES HEAD REMOVAL TO INSTALL LIFTERS)
17-6083-16	0.903	0.810	FORD WIND .903D T/B HI RPM HYD ROLLER WIND/CLEV 351-400 CU IN (DO NOT USE OIL HEAVIER THAN 5W40)
17-5325-16	0.875	0.700	FORD .875D T/B STREET PERF HYD ROLLER BB 429 & 460 CU IN & FE
17-5329-16	0.875	0.700	FORD BB 429-460 & FE .875D T/B HYD ROLLER (HLT)
17-5891-16	0.875	0.750	FORD .875D T/B PRO HYD ROLLER
17-6085-16	0.903	0.81	FORD BB .903D T/B HI RPM HYD ROLLER (DO NOT USE OIL HEAVIER THAN 5W40)

# ENGINE PRO PERFORMANCE ROLLER VALVE LIFTERS CONTINUED

Part #	BodyD	RollD	Description
<b>FORD SB MECHANICAL ROLLER LIFTERS</b>			
17-5517-16	0.875	0.700	FORD WIND/CLEV .875D T/B STREET PERF MECH ROLL 302 REQUIRED REMOVAL OF HEADS TO INSTALL
17-4713-16	0.875	0.750	FORD .875D T/B MECH ROLLER WIND 260-302-351-400 CU IN
17-5411-16	0.875	0.750	FORD .875D T/B MECH ROLLER CLEV 351-400 CU IN
17-5436-16	0.875	0.750	FORD WIND .875D T/B U/P P/O 302 REQUIRED REMOVAL OF HEADS TO INSTALL
17-6152-16	0.875	0.750	FORD WIND .875D BUSHING UFRS T/B U/P P/O
17-5440-16	0.875	0.750	FORD CLEV .875D T/B U/P P/O CLEV 351-400 CU IN
17-6154-16	0.875	0.750	FORD CLEV .875D BUSHING UFRS T/B U/P P/O 351-400 CU. IN.
17-5557-16	0.875	0.750	FORD WIND .875D T/B U/P P/O .180 RIGHT INT OFFSET
17-6156-16	0.875	0.750	FORD WIND .875D BUSHING UFRS T/B U/P P/O .180 RIGHT INT OFFSET
17-6243-16	0.875	0.750	FORD WIND .875 BUSHING T/B U/P P/O OF/S .180R & .180L
17-5490-16	0.903	0.810	FORD SB 351 .903D T/B U/P P/O .903 WITH INT & EX OC
17-6158-16	0.903	0.810	FORD SB 351 BUSHING UFRS .903D T/B U/P P/O O/C
17-5488-16	0.903	0.810	FORD SB 351 .903D T/B U/P P/O .180 RIGHT INT OFFSET
17-6160-16	0.903	0.810	FORD SB 351 BUSHING UFRS .903D T/B U/P P/O .180R INT OF/S
17-6365-16	0.936	0.85	FORD SB 351 BUSHING UFRS .936D T/B U/P P/O O/C
<b>FORD BB MECHANICAL ROLLER LIFTERS</b>			
17-5520-16	0.875	0.700	FORD BB & FE .875D T/B STREET PERF MECH ROLL
17-4719-16	0.875	0.750	FORD BB 429-460 .875D T/B MECH ROLLER
17-4726-16	0.875	0.750	FORD FE .875D T/B MECH ROLLER 352-390-410-428 CU IN (FE)
17-5456-16	0.875	0.750	FORD BB 429-460 .875D T/B U/P P/O
17-6162-16	0.875	0.750	FORD BB BUSHING UFRS 429-460 .875D T/B U/P P/O
17-5454-16	0.875	0.750	FORD BB .875D T/B U/P P/O 352-390-410-428 CU IN (FE)
17-6164-16	0.875	0.750	FORD BB BUSHING UFRS .875D T/B U/P P/O 352-390-410-428 (FE)
17-5505-16	0.903	0.810	FORD BB 429-460 .903D T/B U/P P/O O/C
17-6166-16	0.903	0.810	FORD BB BUSHING UFRS 429-460 .903D T/B U/P P/O O/C
17-5506-16	0.903	0.810	FORD BB 429-460 .903D T/B U/P P/O .180 RIGHT INT OFFSET
17-6168-16	0.903	0.81	FORD BB BUSHING UFRS 429-460 .903D T/B U/P P/O .180 R INT OF/S
<b>HOLDEN V8 HYDRAULIC ROLLER LIFTERS</b>			
17-5337-16	0.842	0.700	HOLDEN .842D T/B STREET PERF HYD ROLLER
<b>HOLDEN V8 MECHANICAL ROLLER LIFTERS</b>			
17-5343-16	0.842	0.700	HOLDEN .842D T/B STREET PERF MECH ROLLER
<b>OLDS 400-403-425-455 CU IN HYDRAULIC ROLLER LIFTERS</b>			
17-5335-16	0.842	0.700	OLDS .842D T/B STREET PERF HYD ROLLER 400-403-425-455 V-8
<b>PONTIAC 400-421-428-455 CU IN HYDRAULIC ROLLER LIFTERS</b>			
17-5884-16	0.842	0.700	PONTIAC .842D T/B STREET PERF HYD ROLLER 400-421-428-455 CU IN
<b>PONTIAC 400-421-428-455 CU IN MECHANICAL ROLLER LIFTERS</b>			
17-5887-16	0.842	0.700	PONTIAC .842D T/B STREET PERF MECH ROLLER
<b>NASCAR KEYED ROLLER LIFTERS</b>			
17-6182-16	0.936	0.850	CHEVY RO-7 .936D DSL COATED REMOVABLE SEAT
17-5006-16	0.936	0.850	SBC .936D RO-7 KEYWAY P/O NASCAR DSL COATED FULL TIME BEARING OILING FIXED SEAT
17-5228-16	0.903	0.850	FORD SB 351W .936D NASCAR DSL COATED FULL TIME BEARING OILING
17-4969-16	0.936	0.850	CHRYSLER SB .936D NASCAR DSL COATED FULL TIME BEARING OILING
17-4970-16	0.936	0.85	TOYOTA .936D NASCAR ENGINE DSL COATED
<b>CHRYSLER TOP ALCOHOL ROLLER LIFTERS</b>			
17-5446-16	0.903	0.810	CHRYSLER .903 DT/B TOP ALCOHOL 2.000 BORE SPACE

**Legend:**

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 U/P = Ultra Pro Pressurized Oiling  
 O/C = Pushrod Seat On Center

P/O = Pressurized Oiling  
 NBA = Nascar Bearing and Axle  
 T/B = Tie Bar (Vertical or Horizontal)  
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