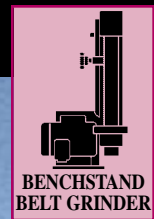


# BENCHSTAND BELTS



## BELTS 1" TO 6" WIDE, 36" TO 72" LONG

A wide selection of sizes and grits for most dimensioning, intermediate grinding and polishing applications. NorZon Plus abrasive grain, combined with a superior backing and bond system, results in high productivity.

### TYPICAL APPLICATIONS

- Heavy stock removal
- Deburring of steel and non-steels
- Dimensioning and shaping
- Polishing
- Preparing metallurgical samples



BETTER NorZon Plus R821 Belts	
FEATURES	BENEFITS
<ul style="list-style-type: none"> <li>• Premium self-sharpening zirconia alumina abrasive</li> <li>• Durable grain coating</li> <li>• Y-wt cotton backing</li> </ul>	<ul style="list-style-type: none"> <li>• Aggressive, rapid cut rate; for nonferrous metals, glass and ceramics</li> <li>• Improved grain adhesion: longer life</li> <li>• Extended life on dry grinding applications</li> </ul>
BETTER NorZon Plus R823 Belts	
FEATURES	BENEFITS
<ul style="list-style-type: none"> <li>• Premium self-sharpening zirconia alumina abrasive</li> <li>• Durable grain coating</li> <li>• Waterproof for use on a broad range of materials</li> <li>• Strong X-wt polyester backing, available in finer grit range</li> </ul>	<ul style="list-style-type: none"> <li>• Aggressive, rapid cut rate</li> <li>• Improved grain adhesion: longer life</li> <li>• Versatile</li> <li>• For moderate to heavy pressure applications</li> <li>• Your first choice for stainless steel</li> </ul>
GOOD Metalite R228 Belts	
FEATURES	BENEFITS
<ul style="list-style-type: none"> <li>• Aluminum oxide abrasive</li> <li>• Strong X-wt cotton backing</li> <li>• Wide range of metalworking applications</li> </ul>	<ul style="list-style-type: none"> <li>• Aggressive cutting, resistant to heat</li> <li>• Versatile – where cutting action is more important than soft finish</li> </ul>

## TechTips

■ Use grease stick to reduce loading and increase performance on soft malleable materials.

■ Norlok and Plyweld joints can be used in either direction.

⚠ It is the user's responsibility to refer to and comply with ANSI B7.1

# BENCHSTAND BELTS

## BELTS 1" TO 6" WIDE, 36" TO 72" LONG (CONTINUED)

SIZE W X L	GRIT	MIN./ STD. PKG.	BETTER				GOOD		
			NORZON PLUS R821 UPC NO.	JOINT/ FLEX	NORZON PLUS R823 <sup>†</sup> UPC NO.	JOINT/ FLEX	METALITE R228 UPC NO.	JOINT/ FLEX	
1 X 42	40	50/200	78072726905	PLYWELD, RR	78072728596	PLYWELD, RR	78072720910	PLYWELD, RR	
	50		78072726904	PLYWELD, RR			78072720905	PLYWELD, RR	
	60		78072726903	PLYWELD, RR			78072720900	PLYWELD, RR	
	80		78072726902	PLYWELD, RR			78072720895	PLYWELD, RR	
	100			78072728592			PLYWELD, RR	78072720890	PLYWELD, RR
	120			78072728590			PLYWELD, RR	78072720885	PLYWELD, RR
	150							78072720880	PLYWELD, RR
	180							78072720875	PLYWELD, RR
	220							78072720871	PLYWELD, RR
	240							78072720870	PLYWELD, RR
	320							78072720865	PLYWELD, RR
1-1/2 X 60	36	10/50	78072726993	PLYWELD, RR	78072726988	NORLOK, RR	78072721055	PLYWELD, RR	
	40								
	50		78072726991	PLYWELD, RR			78072721045	PLYWELD, RR	
	60		78072726990	NORLOK, RR			78072721040	PLYWELD, RR	
	80						78072721030	PLYWELD, RR	
120				78072722855	PLYWELD, RR				
180									
2 X 36	60	10/50			78072780491	PLYWELD, RR			
	80				78072763156	PLYWELD, RR			
	120				78072761959	PLYWELD, RR			
	180				78072764072	PLYWELD, RR			
2 X 48	36	10/50	78072727103	PLYWELD, RR	78072728621	NORLOK, RR	78072721255	PLYWELD, RR	
	40		78072727102	PLYWELD, RR			78072721250	PLYWELD, RR	
	50		78072727101	NORLOK, RR			78072721245	PLYWELD, RR	
	60		78072727100	NORLOK, RR			78072721240	PLYWELD, RR	
	80		78072727099	NORLOK, RR			78072721235	PLYWELD, RR	
	100			78072728619			NORLOK, RR	78072721230	PLYWELD, RR
	120			78072728617			NORLOK, RR	78072721230	PLYWELD, RR
	150			78072728615			PLYWELD, RR	78072721225	PLYWELD, RR
	180			78072728613			PLYWELD, RR		
	220			78072728611			PLYWELD, RR	78072721223	PLYWELD, RR
							78072728609	PLYWELD, RR	
2 X 60	40	10/50	78072727124	PLYWELD, RR			78072721300	PLYWELD, RR	
	60		78072727122	NORLOK, RR			78072721290	PLYWELD, RR	
	80		78072727121	NORLOK, RR			78072721285	PLYWELD, RR	
	100						78072721280	PLYWELD, RR	
	120						78072721275	PLYWELD, RR	
	320						78072702825	PLYWELD, RR	
2 X 72	36	10/50	78072727147	PLYWELD, RR			78072721335	PLYWELD, RR	
	40		78072727146	PLYWELD, RR					
	50		78072727145	NORLOK, RR			78072721325	NORLOK, RR	
	60		78072727144	NORLOK, RR			78072721320	NORLOK, RR	
	80		78072727142	NORLOK, RR			78072723235	NORLOK, RR	
	100						78072721318	PLYWELD, RR	
	120								
	320						78072721308	PLYWELD, RR	
2-1/2 X 48	36	10/50					78072721540	PLYWELD, RR	
	40						78072721535	PLYWELD, RR	
	50		78072727213	NORLOK, RR			78072721530	PLYWELD, RR	
	60		78072727212	NORLOK, RR			78072721525	PLYWELD, RR	
	80		78072727211	NORLOK, RR			78072721520	PLYWELD, RR	
	120						78072721510	PLYWELD, RR	
2-1/2 X 60	36	10/50	78072727235	PLYWELD, RR	78072728692	NORLOK, RR	78072721610	PLYWELD, RR	
	40		78072727234	PLYWELD, RR			78072721605	PLYWELD, RR	
	50		78072727233	NORLOK, RR			78072721600	PLYWELD, RR	
	60		78072727232	NORLOK, RR			78072721595	PLYWELD, RR	
	80		78072727231	NORLOK, RR			78072721590	PLYWELD, RR	
	100						78072721585	PLYWELD, RR	
	120						78072721580	PLYWELD, RR	
	180						78072721570	PLYWELD, RR	
	220						78072721565	PLYWELD, RR	
	4 X 36		36	10/50					78072728827
40					78072722105	PLYWELD, RR			
50		78072727475	NORLOK, RR		78072722100	PLYWELD, RR			
60		78072727474	NORLOK, RR		78072722095	PLYWELD, RR			
80		78072727473	NORLOK, RR		78072722090	PLYWELD, RR			
100					78072722085	PLYWELD, RR			
120					78072722080	PLYWELD, RR			
150					78072722079	PLYWELD, RR			
320			78072722075	PLYWELD, RR					
				78072722071	PLYWELD, RR				



REFER TO PAGE M80 FOR JOINT AND FLEX DESCRIPTIONS  
<sup>†</sup> WATERPROOF

**NORTON**

BENCHSTAND BELTS

M74

# BENCHSTAND BELTS

## BELTS 1" TO 6" WIDE, 36" TO 72" LONG (CONTINUED)

SIZE W X L	GRIT	MIN./ STD. PKG.	BETTER				GOOD				
			NORZON PLUS R821 UPC NO.	JOINT/ FLEX	NORZON PLUS R823† UPC NO.	JOINT/ FLEX	METALITE R228 UPC NO.	JOINT/ FLEX			
4 X 54	36	10/50	78072753071	PLYWELD, RR	78072728853	NORLOK, RR	78072722185	PLYWELD, RR			
	40						78072722180	PLYWELD, RR			
	50						78072722175	PLYWELD, RR			
	60	20/20	78072727518	NORLOK, RR			78072722170	PLYWELD, RR			
	80		78072727517	NORLOK, RR			78072722165	PLYWELD, RR			
	100						78072722160	PLYWELD, RR			
	120					78072722155	PLYWELD, RR				
6 X 48	36	10/20	78072727698	PLYWELD, RR	78072728937	NORLOK, RR	78072722590	PLYWELD, RR			
	40	20/20	78072727697	PLYWELD, RR					78072722585	PLYWELD, RR	
	50			78072727696			NORLOK, RR			78072722580	PLYWELD, RR
	60			78072727695			NORLOK, RR			78072722575	PLYWELD, RR
	80		78072727694	NORLOK, RR					78072722570	PLYWELD, RR	
	100								78072722565	PLYWELD, RR	
	120								78072722560	PLYWELD, RR	
	150								78072722555	PLYWELD, RR	
	180								78072722550	PLYWELD, RR	
	220								78072722546	PLYWELD, RR	
	240								78072722545	PLYWELD, RR	
	320								78072722543	PLYWELD, RR	
6 X 60	36	10/20			78072728957	NORLOK, RR	78072722680	PLYWELD, RR			
	40	20/20	78072727762	PLYWELD, RR					78072722679	PLYWELD, RR	
	50			78072727761			NORLOK, RR				
	60			78072727760			NORLOK, RR			78072722665	PLYWELD, RR
	80								78072722660	PLYWELD, RR	

REFER TO PAGE M80 FOR JOINT AND FLEX DESCRIPTIONS

† WATERPROOF

## SpecCheck

### STARTING RECOMMENDATIONS

MATERIAL	CAP CODE
Aluminum	NorZon Plus R823
Cast Iron	NorZon Plus R823
Die Casting	Metalite R228
Carbon Steel	Metalite R228
Stainless Steel and Alloys	Metalite R228
Wood	Metalite R228

### RECOMMENDED GRIT SELECTION

ROUGH/HEAVY DUTY	INTERMEDIATE	FINISHING/POLISHING
36-50	60-100	120-320

### TROUBLESHOOTING GUIDE

PROBLEM	CORRECTION
Loading	Decrease infeed pressure or belt speed
Shedding	Reduce applied pressure Use a less aggressive contact wheel Dress contact wheel if worn or damaged Use entire surface of belt
Belt breakage	Reduce belt tension Use less aggressive contact wheel Check tracking mechanism for belts tracking erratically

