




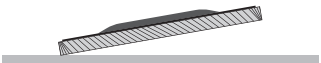

## Categories

<b>Premium Line</b> <ul style="list-style-type: none"> <li>Used for high pressure and high power operations</li> <li>Polycotton abrasive backing resistant to heavy applications</li> </ul>	<b>Universal Line</b> <ul style="list-style-type: none"> <li>For medium to high pressure and power operations</li> <li>Polycotton abrasive backing resistant to heavy applications</li> </ul>	<b>Comfort Line</b> <ul style="list-style-type: none"> <li>Used for low pressure and low power operations</li> <li>100% Cotton abrasive backing</li> </ul>
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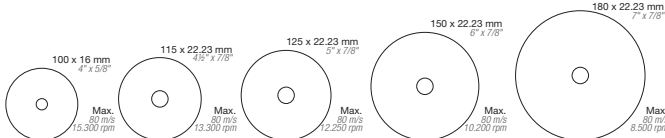
## Densities

<b>LD</b> Low Density  <ul style="list-style-type: none"> <li>Once adequate performance is needed</li> <li>Economical product with less flaps</li> <li>Reasonable price, suitable for personal use</li> </ul>	<b>SD</b> Standard Density  <ul style="list-style-type: none"> <li>High stock removal operations</li> <li>Suitable for all application areas</li> <li>Favored in price - performance perspective</li> </ul>	<b>HD</b> High Density  <ul style="list-style-type: none"> <li>Aggressive sanding of curved and wide surfaces</li> <li>Long life product with wider and more flaps</li> <li>Ideal for industrial heavy duty applications</li> </ul>
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## Types and Diameters

<b>Flat Type</b>  <ul style="list-style-type: none"> <li>Used in flat surfaces</li> <li>Ideal for blending and finishing</li> <li>Applied primarily between 0° to 15°</li> </ul>	<b>Conical Type</b>  <ul style="list-style-type: none"> <li>Used in concaved surfaces and edges</li> <li>High stock removal with best surface contact</li> <li>Applied primarily between 15° to 25°</li> </ul>
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**Flap Disc Diameters**




100 x 16 mm 4" x 5/8"	115 x 22,23 mm 4 1/2" x 7/8"	125 x 22,23 mm 5" x 7/8"	150 x 22,23 mm 6" x 7/8"	180 x 22,23 mm 7" x 7/8"
Max. 80 m/s 15.300 rpm	Max. 80 m/s 13.300 rpm	Max. 80 m/s 12.250 rpm	Max. 80 m/s 10.200 rpm	Max. 80 m/s 8.500 rpm

## Advantages of Flap Discs

<b>Advantages against Grinding Discs</b> <ul style="list-style-type: none"> <li>Faster and easier stock removal</li> <li>Smoother finishing</li> <li>Cooler grinding with reduced adhesion and less lubricant</li> <li>Lighter equipment, easier control</li> <li>Less vibration, less operator fatigue, less noise</li> </ul>	<b>Advantages against Fibre Discs</b> <ul style="list-style-type: none"> <li>Longer lifetime, lower cost</li> <li>Fewer disc changes, less labor cost</li> <li>More consistent finish</li> <li>No back-up pad required</li> <li>Easier storage and longer shelf life</li> </ul>
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## Backing Types

<b>Fibre Glass</b> 	<b>Plastic</b> 
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## Application and Performance Table

	Abrasive	Wood	Low Alloy Steel	Stainless Steel / Inox	High Alloy Steel / Heat Resistant Steel	Aluminium / Zamak	Brass / Cooper / Non Ferrous Metals	Rubber / Plastic / Leather	Cast Iron
<b>Premium Line</b>	<b>CE</b> Ceramic CEY51		•	•••	•••				•
	<b>100% ZR</b> Zirconia ZXP22		•••	•	••				•
<b>Universal Line</b>	<b>AO</b> Aluminum Oxide AXPR11	•	•••	•		•	•	•	•
	<b>ZR</b> Zirconia ZXP11		•••	••	•				•
<b>Comfort Line</b>	<b>ZR</b> Zirconia ZXR11	•	•••	•••	•				
	<b>AO</b> Aluminum Oxide AXER11	••	•••	•		•	•	•	
<b>Intro Line</b>	<b>ZR</b> Zirconia ZXR2	•	•••	•••	•				



Türkiye's  
First Abrasive  
Manufacturer

Nearly 60 Years of  
**EXPERTISE**

Why  
**Karbosan**  
?



Reducing Production Costs with  
its Lifetime and  
Performance

**COST-SAVING**  
Products



With OSA Certified,  
Quality Tested  
Beyond Standards

**SAFETY**  
Products



Solution Partner  
in All Processes  
From Pre-Sales to After-Sales

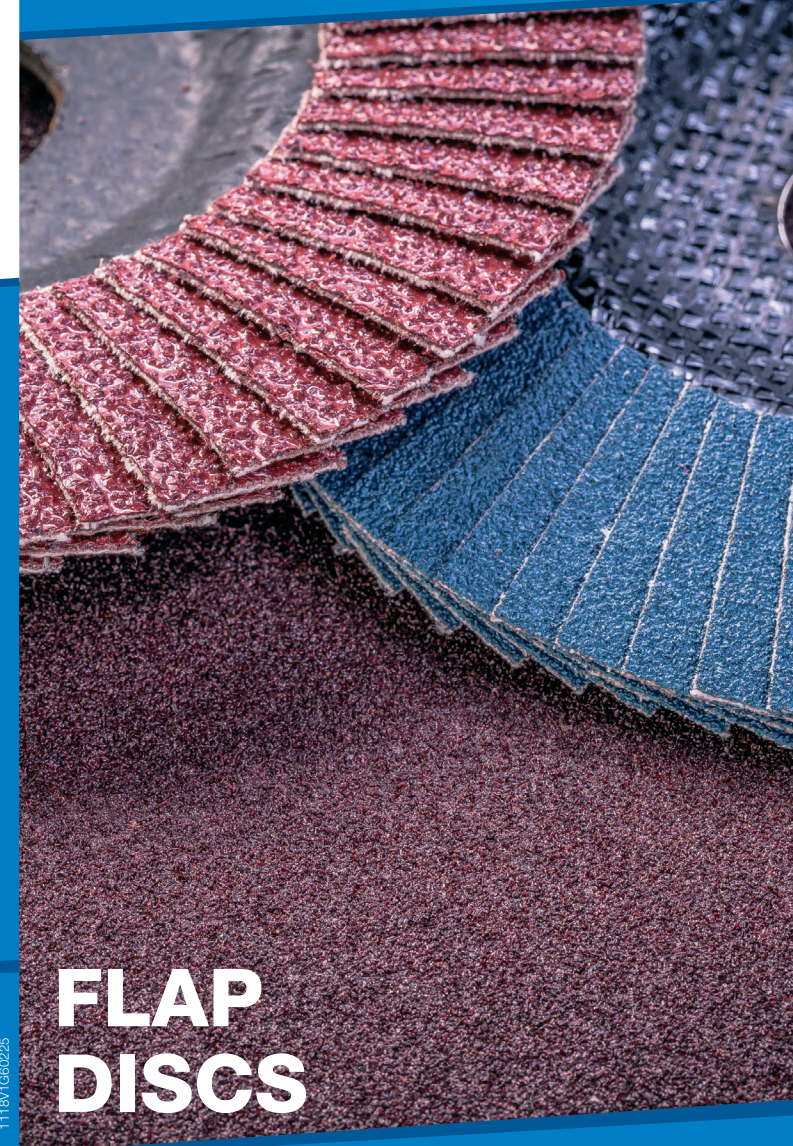
Top-Level  
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**FLAP  
DISCS**

## Comfort Line AO Low Density Flap Discs




Product Code : AXER11  
 Abrasive : Aluminum Oxide  
 Backing : X Heavy Cotton Cloth  
 Application : Multipurpose grinding for steel and metal.  
 Density : Less flap version Low Density flap discs are economic with required performance.

Stock Removal ●○○○  
 Lifetime ●●○○





## Comfort Line AO Standard Density Flap Discs




Product Code : AXER11  
 Abrasive : Aluminum Oxide  
 Backing : X Heavy Cotton Cloth  
 Application : Multipurpose grinding for steel and metal.  
 Density : Optimum flap version Standard Density flap discs are preferred in high stock removal operations.

Stock Removal ●●○○  
 Lifetime ●●○○





## Comfort Line ZR Low Density Flap Discs




Product Code : ZXR11  
 Abrasive : Zirconia  
 Backing : X Heavy Cotton Cloth  
 Application : Weld grinding, deburring and blending applications for steel and stainless steel (Inox).  
 Density : Less flap version Low Density flap discs are economic with required performance.

Stock Removal ●●○○  
 Lifetime ●●○○




## Comfort Line ZR Standard Density Flap Discs




Product Code : ZXR11  
 Abrasive : Zirconia  
 Backing : X Heavy Cotton Cloth  
 Application : Weld grinding, deburring and blending applications for steel and stainless steel (Inox).  
 Density : Optimum flap version Standard Density flap discs are preferred in high stock removal operations.

Stock Removal ●●○○  
 Lifetime ●●○○




## Comfort Line ZR High Density Flap Discs




Product Code : ZXR11  
 Abrasive : Zirconia  
 Backing : X Heavy Cotton Cloth  
 Application : Weld grinding, deburring and blending applications for steel and stainless steel (Inox).  
 Density : More flap version High Density flap discs are preferred in aggressive sanding of curved and wide surfaces.

Stock Removal ●●●○  
 Lifetime ●●○○





## Universal Line ZR Standard Density Flap Discs




Product Code : ZXPR11  
 Abrasive : Zirconia  
 Backing : X Heavy Poly-Cotton Cloth  
 Application : Multipurpose aggressive grinding for steel, stainless steel (inox) and metal.  
 Density : Optimum flap version Standard Density flap discs are preferred in high stock removal operations.

Stock Removal ●●●○  
 Lifetime ●●○○




## Premium Line AO Standard Density Flap Discs




Product Code : AXPR11  
 Abrasive : Aluminum Oxide  
 Backing : X Heavy Poly-Cotton Cloth  
 Application : Multipurpose aggressive grinding for steel and metal.  
 Density : Optimum flap version Standard Density flap discs are preferred in high stock removal operations.

Stock Removal ●●●○  
 Lifetime ●●○○





## Premium Line 100% ZR Standard Density Flap Discs




Product Code : ZXPR22  
 Abrasive : 100% Zirconia  
 Backing : Y Poly-Cotton Cloth  
 Application : Weld grinding, deburring and blending applications for steel and stainless steel (Inox).  
 Density : Optimum flap version Standard Density flap discs are preferred in high stock removal operations.

Stock Removal ●●●○  
 Lifetime ●●○○




## Premium Line 100% ZR High Density Flap Discs




Product Code : ZXPR22  
 Abrasive : 100% Zirconia  
 Backing : Y Poly-Cotton Cloth  
 Application : Weld grinding, deburring and blending applications for steel and stainless steel (Inox).  
 Density : More flap version High Density flap discs are preferred in aggressive sanding of curved and wide surfaces.

Stock Removal ●●●○  
 Lifetime ●●○○



## Premium Line CE Standard Density Flap Discs



Product Code : CEY51  
 Abrasive : Ceramic  
 Backing : Y Poly-Cotton Cloth  
 Application : Suitable for hand tools operated with high pressure for stainless steel (Inox) and high alloy steel.  
 Density : Optimum flap version Standard Density flap discs are preferred in high stock removal operations.

Stock Removal ●●●○  
 Lifetime ●●○○

