

HILCO HILBLEND

Our Hilco Hilblend discs were specifically designed to reduce downtime and eliminate processes. With its unique grain technology this disc will remove, blend and condition...All at the same time. Hilco Hilblend discs are constructed with thick, synthetic fibres and extra-coarse abrasive. The open web construction provides fast cutting action with very little loading. Hilblend discs are suitable for use in many industries for applications including removal of surface rust and residue, corrosion, light weld splatter, dirt, mill scale and other similar surface contaminants. Can also be used for paint and epoxy coating removal, surface preparation before applying coating or prior to welding and even for cleaning and conditioning after welding.

Shape: Conical			Machine: angle grinder	
Hilco art. nr.	Size mm	Size inch	Application	Pieces per box
78240	115 x 22,23	4 1/2" x 7/8"	Steel/Inox/Alu	5
78241	125 x 22,23	5" x 7/8"	Steel/Inox/Alu	5

To achieve maximum benefit:

Process 1:
Use Hilco Flapdisc for metal removal and heavy duty grinding.

Process 2 (3 in 1):
Use Hilco Hilblend disc for light weld removal, grindlines/scratch removal, de-burring and finishing.

ADVANTAGES



- HILDISC**
- Easy and comfortable cutting
 - Burr free cutting result
 - Stable quality
 - Low vibration
 - Free of iron, Sulphur and chlorine



- FLAPDISC**
- High performance zirconium grain
 - Regular & constant cut
 - Longer life time
 - Standard density
 - Comfortable to use
 - Excellent price performance ratio



- HILBLEND**
- Compact 3 dimensional construction provides long life and comfortable handling
 - Light metal removal, de-burring, blending and finishing with a single product, eliminates unnecessary steps reducing time and saving money
 - Special design offers versatility of material removal while imparting a final finish
 - Provides a controlled, sustained finish for maximum productivity
 - Less vibration and quieter for easy, comfortable use



Experts in welding consumables since 1915

HILCO ABRASIVES



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BIJ KONINKLIJKE BESCHIKKING HOFLEVERANCIER
BY APPOINTMENT TO THE COURT OF THE NETHERLANDS
FOURNISSEUR DE LA COUR PAR ORDONNANCE ROYALE
DURCH KONIGLICHEN ERLASS HOFLIEFERANT
PROVEEDORES DE LA REAL CASA DE LOS PAISES BAJOS

HILCO HILDISC

Our Hildiscs – cutting-off and grinding wheels – are made from abrasive grains bonded together with resins and fillers and reinforced with fibre glass.The Hildiscs are available in several thicknesses for various machines and applications.They can be used in many industrial sectors (petrochemical, food, ship building, construction, MRO and Metal Fabrication etc.). Our Hildiscs are made in The Netherlands.

FLAT CUTTING DISCS

Shape: 41						Machine: angle grinder
Hilco art no.	Size mm	Size inch	Specification	Weight in grams per disc	Application	Pieces per box
77955	115 x 1,0 x 22,23	4 1/2" x 3/64" x 7/8"	A 46/60 V-BF4I	27	Steel/Inox	25
78092	125 x 1,0 x 22,23	5" x 3/64" x 7/8"	A 46/60 V-BF4I	32	Steel/Inox	25
78121	125 x 1,6 x 22,23	5" x 1/16" x 7/8"	A 30/46 V-BF4I	48	Steel/Inox	25
78107	180 x 1,6 x 22,23	7" x 1/16" x 7/8"	A 30/46 V-BF4I	87	Steel/Inox	25
78108	230 x 1,9 x 22,23	9" x 5/64" x 7/8"	A 30/46 V-BF4I	184	Steel/Inox	25
78077	115 x 2,5 x 22,23	4 1/2" x 3/32" x 7/8"	A 24/30 S-BF4I	55	Steel/Inox	25
78078	125 x 2,5 x 22,23	5" x 3/32" x 7/8"	A 24/30 S-BF4I	67	Steel/Inox	25
78079	180 x 2,5 x 22,23	7" x 3/32" x 7/8"	A 24/30 S-BF4I	149	Steel/Inox	25
78096	230 x 2,5 x 22,23	9" x 3/32" x 7/8"	A 24/30 S-BF4I	241	Steel/Inox	25

FLAT CUTTING DISCS

Shape: 41						Machine: chop saw 80 m/s
Hilco art no.	Size mm	Size inch	Specification	Weight in grams per disc	Application	Pieces per box
78086	300 x 2,6 x 25,4	12" x 3/32" x 1"	A 30 S-BF4I/80 Chop saw	410	Steel/Inox	10
78087	356 x 2,6 x 25,4	14" x 3/32" x 1"	A 30 S-BF4I/80 Chop saw	600	Steel/Inox	10

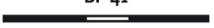
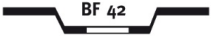
DEPRESSED CENTRE CUTTING DISCS

Shape: 42						Machine: angle grinder
Hilco art no.	Size mm	Size inch	Specification	Weight in grams per disc	Application	Pieces per box
78080	100 x 3,0 x 16,0	4" x 1/8" x 5/8"	A 24/30 S-BF42	60	Steel/Inox	25
77956	115 x 3,0 x 22,23	4 1/2" x 1/8" x 7/8"	A 24/30 S-BF42	75	Steel/Inox	25
78081	125 x 3,0 x 22,23	5" x 1/8" x 7/8"	A 24/30 S-BF42	84	Steel/Inox	25
77957	180 x 3,0 x 22,23	7" x 1/8" x 7/8"	A 24/30 S-BF42	175	Steel/Inox	25
77958	230 x 3,0 x 22,23	9" x 1/8" x 7/8"	A 24/30 S-BF42	298	Steel/Inox	25

GRINDING DISCS

Shape: 27						Machine: angle grinder
Hilco art no.	Size mm	Size inch	Specification	Weight in grams per disc	Application	Pieces per box
78082	100 x 6,4 x 16,0	4" x 1/4" x 5/8"	A 24/30 Q-BF27	116	Steel/Inox	10
78083	115 x 6,4 x 22,23	4 1/2" x 1/4" x 7/8"	A 24/30 Q-BF27	155	Steel/Inox	10
78084	125 x 6,4 x 22,23	5" x 1/4" x 7/8"	A 24/30 Q-BF27	188	Steel/Inox	10
77959	180 x 6,4 x 22,23	7" x 1/4" x 7/8"	A 24/30 Q-BF27	379	Steel/Inox	10
78085	230 x 6,4 x 22,23	9" x 1/4" x 7/8"	A 24/30 Q-BF27	630	Steel/Inox	10

Explanation of the specification:

Grain type	Grit size	Hardness	Bond type	Glass cloth	Shape
A	24	Q	B	F	27 = depressed centre grinding wheels 
	to	to			41 = flat cutting-off wheels 
	30	V			42 = depressed centre cutting-off wheels 

Grain type:

A: Aluminium oxide

Hardness:

Represented by a letter:
Medium: Q and S
Hard: V

Bond type:

B: Bakelite

Glass cloth:

F: glass Fibre reinforcement

Grit size:

FEPA grit size = the number of grain aligned on one inch (25,4 mm).

FEPA grit size (Mesh)	Average grit size in µm
24	745
30	625



Hildiscs comply with:

Flapdiscs comply with:

EN 12413

EN 13743

HILCO FLAPDISC

Our Hilco Flapdiscs provide a high level of performance and offer consistent quality throughout their product life.The high quality zirconium grain provides greater aggression and faster stock removal than standard zirconia or aluminium oxide flap discs.The grain offers self-sharpening properties with controlled grain fractures, continuously producing sharp, new abrasive edges.The cotton cloth offers high strength, flexibility and wear resistance. Our Hilco Flapdiscs provide an excellent grinding solution for all applications, delivering long life on hard to grind materials including steel and stainless steel, as well as softer metals like aluminium. Ideal for low & medium pressure applications.

Flapdiscs are used for weld grinding, edge chamfering, de-burring, cleaning, rust & paint removal.They are used in many industrial sectors (MRO, Metal fabrication and welding, General engineering,Transport). Our Hilco Flapdiscs are conical and made with fibre backing pad for grinding at an angle of 15°- 25°.

Shape: Conical							Machine: angle grinder
Hilco art. nr.	Size mm	Size inch	Grit	Specification	Application	Pieces per box	
78176	115 x 22,23	4 1/2" x 7/8"	P40	Zirconia	Steel/Inox/Alu	10	
78177	115 x 22,23	4 1/2" x 7/8"	P60	Zirconia	Steel/Inox/Alu	10	
78178	115 x22,23	4 1/2" x 7/8"	P80	Zirconia	Steel/Inox/Alu	10	
78179	115 x 22,23	4 1/2" x 7/8"	P120	Zirconia	Steel/Inox/Alu	10	
78182	125 x 22,23	5" x 7/8"	P40	Zirconia	Steel/Inox/Alu	10	
78183	125 x 22,23	5" x 7/8"	P60	Zirconia	Steel/Inox/Alu	10	
78184	125 x 22,23	5" x 7/8"	P80	Zirconia	Steel/Inox/Alu	10	
78185	125 x 22,23	5" x 7/8"	P120	Zirconia	Steel/Inox/Alu	10	