

MINING & QUARRY APPLICATIONS

Chart 1/4

Product Size & Color Identification	Alloy Grade	Thickness Avg	BUCKET LINES BOTTOM	SHOVEL BUCKETS INSIDE	SHOVEL BUCKETS OUT SIDE	TRUCK LINES
5 on 5	HC 1650 HC 1670 HC 1680	3/8	● A ●	● ● ●	● ● ●	● ● ●
6 on 7	HC 1650 HC 1670 HC 1680	1/2	● AQ ●	● AFE ●	● AQ ●	● ● ●
10 on 9	HC 1650 HC 1670 HC 1680	3/4	ABE1 ABG1 ●	AB1 ABEF1 ABOG	AB1 ABFE1 ABGO1	AB13 AB1 ●
16 on 11	HC 1650 HC 1670 HC 1680	1	ABE1 AQ AB1	AB1 ABEF1 ABOG1	AB1 ABFE1 ABGO1	AB13 AB1 ●
20 on 11	HC 1650 HC 1670 HC 1680	11/4	AB1 ABG1 ●	AB1 ABEF1 ABO1	● A ●	● AQ ●
24 on 11	HC 1650 HC 1670 HC 1680	13/8	A AQ AQ	● AQ ●	● AQ ●	● AQ ●
39 on 11	HC 1650 HC 1670 HC 1680	2	AQ A A	● A ●	● A ●	● A ●
50 on 11	HC 1650 HC 1670 HC 1680	23/8	● AQ ●	● AQ ●	● A ●	● ● ●

APPLICATION TYPE

A- Std replacement wear plate
F- Extreme abrasion
O- Low coefficient friction to reduce hang up

B- Extreme wear application
G- High impact with abrasion
Q- Call for tech support

E- Medium impact with abrasion
L- Disposable chutes

FIXING TYPE

1- Perimeter welding fixing & plug weld
4- Backing plate stud fixings

3- Formable for bending pipe
5- Counter sunk holes

ALLOY GRADE

HC 1650 M7c3 Carbide
HC 1670 Tungsten
HC 1680 Niobium

MINING & QUARRY APPLICATIONS

Chart 2/4

Product Size & Color Identification	Alloy Grade	Thickness Avg	BIN LINERS	DISPOSABLE CHUTES	TRANSFER CHUTES	DOZER PUSH ARMS
5 on 5	HC 1650 HC 1670 HC 1660	3/8	A13 A13 ●	A13 AL13 A13	● A13 ●	● ● ●
6 on 7	HC 1650 HC 1670 HC 1660	1/2	AFE A13 ●	A13 A13 ●	● AQ ●	● AQ ●
10 on 9	HC 1650 HC 1670 HC 1660	3/4	A13 AFE A13	AL13 AFEL A13	A13 AFEL A13	A13 AG13 ●
16 on 11	HC 1650 HC 1670 HC 1660	1	● AFE ●	A13 AFLE ●	A13 AFEL A13	A13 A13 ●
20 on 11	HC 1650 HC 1670 HC 1660	1 1/4	● A ●	● AQ ●	● A ●	● A ●
24 on 11	HC 1650 HC 1670 HC 1660	1 3/8	● AQ ●	● AQ ●	● AQ ●	● A ●
39 on 11	HC 1650 HC 1670 HC 1660	2	● A ●	● AQ ●	● A ●	● A ●
50 on 11	HC 1650 HC 1670 HC 1660	2 3/8	AB13 AQ AB13	● AQ ●	● AQ ●	● A ●

APPLICATION TYPE

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 L- Disposable chutes

FIXING TYPE

- 1- Perimeter welding fixing & plug weld
 4- Backing plate stud fixings
- 3- Formable for bending pipe
 5- Counter sunk holes

ALLOY GRADE

- HC 1650 M7c3 Carbide
 HC 1670 Tungsten
 HC 1660 Niobium

MINING & QUARRY APPLICATIONS

Chart 3/4

Product Size & Color Identification	Alloy Grade	Thickness Avg	UNDER GROUND BUCKETS	CRUSHER JAW CHECKS	CRUSHER MAIN FRAME LINERS	SCREENS
5 on 5	HC 1850 HC 1870 HC 1880	3/8	● A ●	● ● ●	● ● ●	● A ●
6 on 7	HC 1850 HC 1870 HC 1880	1/2	● ● ●	● ● ●	● AQ ●	● AFEL ●
10 on 9	HC 1850 HC 1870 HC 1880	3/4	A1 AG1L AE1G	● AQ ●	A13 A AEG13	AL13 A AEG13
16 on 11	HC 1850 HC 1870 HC 1880	1	AEG1 AEG1 ●	A13 A13 ●	A13 A13 ●	A13 A13 ●
20 on 11	HC 1850 HC 1870 HC 1880	1 1/4	● A ●	A13 A13 ●	● A ●	A13 A13 ●
24 on 11	HC 1850 HC 1870 HC 1880	1 3/8	● AQ ●	● ● ●	● A ●	● ● ●
39 on 11	HC 1850 HC 1870 HC 1880	2	● A ●	● ● ●	● A ●	● AQ ●
50 on 11	HC 1850 HC 1870 HC 1880	2 3/8	● AQ ●	● A ●	● ● ●	● A ●

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Q- Call for tech support

E- Medium impact with abrasion
L- Disposable chutes

FIXING TYPE

1- Perimeter welding fixing & plug weld
4- Backing plate stud fixings

3- Formable for bending pipe
5- Counter sunk holes

ALLOY GRADE

HC 1850 M7c3 Carbide
HC 1870 Tungsten
HC 1880 Niobium

MINING & QUARRY APPLICATIONS

Chart 4/4

Product Size & Color Identification	Alloy Grade	Thickness Avg	DOZER LINERS	SKIRT BOARDS	GRIZZLEY BARS	TRANSFER CHUTES
5 on 5	HC 1850 HC 1870 HC 1860	3/8	● ● ●	A13 AL13 ●	● ● ●	● A ●
6 on 7	HC 1850 HC 1870 HC 1860	1/2	● ● ●	AL13 A13 AG13	● ● ●	A13 A13 ●
10 on 9	HC 1850 HC 1870 HC 1860	3/4	AL1 A ●	A13 AFEL A13	● ● ●	A13 AFEL A13
16 on 11	HC 1850 HC 1870 HC 1860	1	● AE1 ●	A13 AFLE ●	● ● ●	A13 AFEL A13
20 on 11	HC 1850 HC 1870 HC 1860	1 1/4	● A ●	A13 AFE13 ●	● ● ●	● A ●
24 on 11	HC 1850 HC 1870 HC 1860	1 3/8	● AQ ●	A13 ●	● ● ●	● A ●
39 on 11	HC 1850 HC 1870 HC 1860	2	● A ●	● A ●	● A ●	● A ●
50 on 11	HC 1850 HC 1870 HC 1860	2 3/8	● ● ●	● AQ ●	● ● ●	● A ●

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FIXING TYPE

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ALLOY GRADE

- HC 1850 M7c3 Carbide
 HC 1870 Tungsten
 HC 1860 Niobium