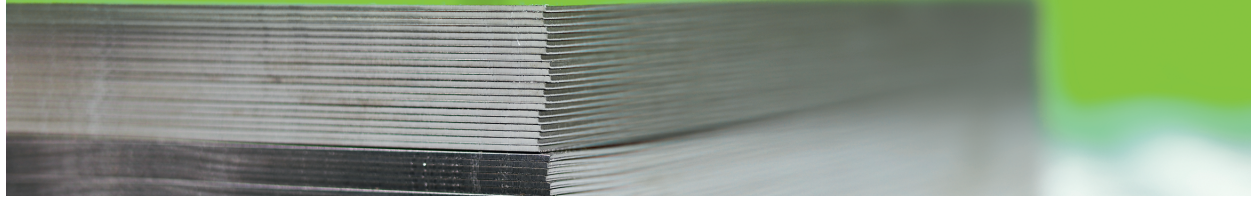


ZAPP TOOLING ALLOYS INC.

BLADE QUALITY KNIFE STEELS

Toughness | Edge Retention | Corrosion Resistance

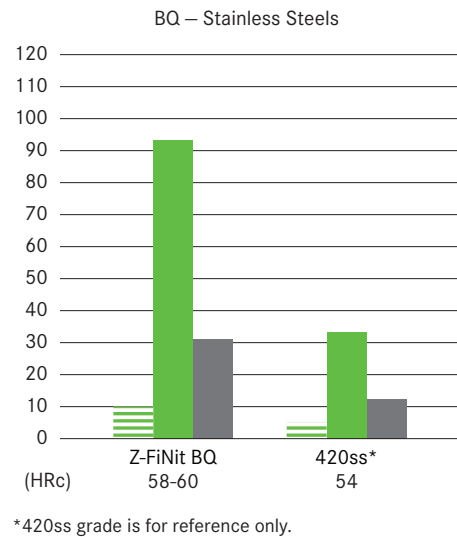
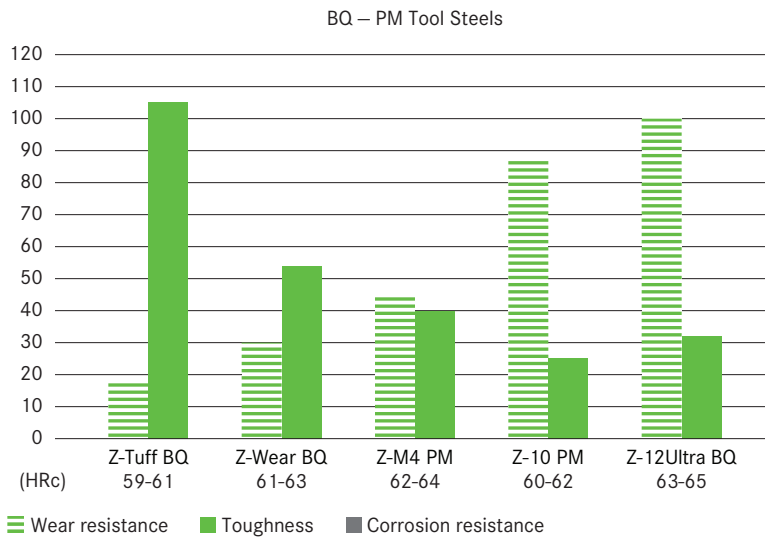
ZAPP



Z-SERIES BQ STEELS / CHEMICAL COMPOSITION

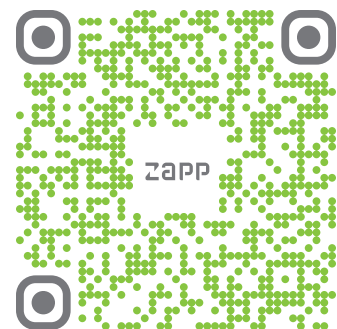
Zapp Grade Name	C	Cr	Mo	W	V	Co	Ni
Z-Tuff BQ	0.70	7.50	2.00	-	1.00	-	1.50
Z-Wear BQ	1.15	7.50	1.60	1.00	2.40	-	-
Z-M4 PM	1.42	4.00	5.25	5.50	4.00	-	-
Z-10 PM	2.45	5.25	1.30	-	9.75	-	-
Z-12Ultra BQ	2.48	4.20	3.10	4.20	8.00	-	-
Z-FiNit BQ	0.30	15.00	0.95	-	-	-	0.50

QUALITATIVE COMPARISON OF MATERIALS



Zapp Tooling Alloys, Inc. (Sales office)
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 Phone +1 (843) 871-2157
 Toll-free +1 (888) 928-9927
ztasales@zapp.com, www.zapp.com

Zapp Tooling Alloys, Inc. (Production)
 8100 100th Street
 Pleasant Prairie, Wisconsin 53158



ZAPP TOOLING ALLOYS INC.
BLADE QUALITY KNIFE STEELS
Toughness | Edge Retention | Corrosion Resistance



Z-SERIES BQ STEELS / STANDARD INVENTORY SIZE RANGES

Sheets are approx. 24" (23"-25") x 36"

Supplied hot rolled and annealed

Thickness Tolerance Range (inches)

Z-Tuff BQ
.140" - .156"
.156" - .172"
.172" - .188"
.207" - .227"
.290" - .315"

Z-Wear BQ
.120" - .132"
.140" - .154"
.156" - .172"
.172" - .188"
.207" - .227"
.290" - .315"
.358" - .388"

Z-12Ultra BQ
.120" - .132"
.140" - .154"
.156" - .172"
.172" - .188"

Z-FiNit BQ
.100" - .110"
.118" - .132"
.130" - .142"
.140" - .154"
.157" - .172"
.290" - .315"

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