



KRAMPE HAREX®

KNOW WHY.

Datasheet | Abrasives

PEENOX® PERFORM+ LONGLIFE CARBON STEEL CUT WIRE SHOT FOLLOWING SAE AMS

GENERAL INFORMATION

Abrasive	Carbon steel cut wire shot
Shape	Round, conditioned

SIZES

AMS 2431/3	AMS 2431/8	Korngröße
AWCR 12	AWCH 12	0.30 mm 0.012"
AWCR 14	AWCH 14	0.35 mm 0.014"
AWCR 17	AWCH 17	0.40 mm 0.017"
AWCR 20	AWCH 20	0.50 mm 0.020"
AWCR 23	AWCH 23	0.60 mm 0.023"
AWCR 28	AWCH 28	0.70 mm 0.028"
AWCR 32	AWCH 32	0.80 mm 0.032"
AWCR 35	AWCH 35	0.90 mm 0.035"
AWCR 41	AWCH 41	1.00 mm 0.041"
AWCR 47	AWCH 47	1.20 mm 0.047"
AWCR 54	AWCH 54	1.40 mm 0.054"
AWCR 62	AWCH 62	1.60 mm 0.062"

SHOT BLASTING SYSTEMS

Blasting wheel and compressed air

CHEMICAL COMPOSITION

C	0.45 – 0.85 %	P	max. 0.04 %
Mn	0.30 – 1.30 %	S	max. 0.05 %
Si	0.10 – 0.35 %		

PHYSICAL PROPERTIES

Structure	Tempered
Hardness	AMS 2431/3 45–52 HRC (450–550 HV1)
	AMS 2431/8 55–62 HRC (600–750 HV1)
	– 63 – 65 HRC (770 – 830 HV1)
Specific weight	min. 7.8 g/cm ³
Bulk weight	ca. 4.6 kg/l

APPLICATIONS

Shot peening	Peen forming
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CERTIFICATIONS & SYSTEM APPROVAL

Standards	SAE J441; SAE AMS 2431/3; SAE AMS 2431/8
Certifications	ISO 9001



Subject to change without notice. All specification are only a general description of our products. For detailed information please ask for our product leaflets.

INFO

PEENOX® PERFORM+ is a longlife carbon steel cut wire shot for shot peening und peen forming. It is made from carbon steel wire of selected diameter and tensile strength by means of special cutting machines and a following conditioning by means of special shot blasting machines. The material is specially tempered. It fulfils the American National Standards SAE AMS 2431/3 and SAE AMS 2431/8.

PACKAGING

Bags 25 kg (55 lbs) 1,000 kg (2,205 lbs) per pallet (= 40 bags)	Big Bag 1,000 kg (2,205 lbs)	Drum 907 kg (2,000 lbs)

STORAGE



Keep Dry