

# ACCIAI DA BONIFICA E ACCIAI INDURIBILI PER PRECIPITAZIONE

## Application Segments

Aerospace

Automotive

## Granulometria disponibile

Prodotti lunghi

## Descrizione del prodotto

BÖHLER V358 in the British Standard Aerospace Series is a 3% Cr-Mo-V nitriding steel offering a tensile strength of 1,320-1,470 MPa, combined with excellent hardenability for high core strength and develops a hard wear resistant case after surface treatment. The alloy is produced by vacuum arc remelting. (VAR)

Typical applications are gear shafts and crankshafts with maximum diameter of 70mm for the aircraft industry and automotive components.

## Percorso di fusione

Airmelted + VAR

## Applicazioni

- > Altri componenti per il settore aerospaziale
- > Automotive (it)
- > Elem. strutt. (aerosp.)
- > Corsa
- > Parti di turbine e motori (aerosp.)

## Dati tecnici

Corrispondenze		Standard	
E40CDV12	Market grade	S132	BS
1.8523	SEL		
40CrMoV13-9	EN		

## Analisi chimica

C	Si	Mn	P	S	Cr	Mo	Ni	V	Sn
0,35 a 0,43	0,10 a 0,35	0,40 a 0,70	max. 0,020	max. 0,020	3,0 a 3,5	0,80 a 1,10	max. 0,30	0,15 a 0,25	max. 0,030

Related to BS S132

## Condizioni di consegna

### Ricotto

Durezza (HB)	max. 277
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### Barre tonde

Diametro mm		MOQ kg	Lunghezza m		Tolleranza		
<b>ROTOLATO</b>							
5,01	-	12,49	1.100	3,00	-	4,00	IT h/k 11
12,50	-	55,00	1.250	3,00	-	4,00	IT h/k 11
55,01	-	120,00	2.500	3,00	-	4,00	IT h/k 11
120,01	-	140,00	2.500	3,00	-	5,00	IT h/k 14
<b>FORGIATO</b>							
140,01	-	203,20	2.200	3,00	-	5,00	IT h/k 14

For additional specifications and other sizes please contact BÖHLER Edelstahl - Special Materials Aerospace & Land Based Turbine

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