

DIN 472, Sicherungsring Form J, 20x1 mm, FST, phosphatiert



Artikel-Nr.  
10047220

Zolltarifnummer  
73182400

Güte  
FST

Durchmesser  
20 mm

Gewicht in kg  
0,001

Material  
Federstahl

Beschichtung  
phosphatiert

Stärke  
1 mm



Produktdetails

Haltering, für Bohrungen.

|               |              |
|---------------|--------------|
| Stärke        | 1 mm         |
| Material      | Federstahl   |
| Norm          | DIN 472 J    |
| Durchmesser   | 20 mm        |
| Güte          | FST          |
| Beschichtung  | phosphatiert |
| Stärke s      | 1 mm         |
| Durchmesser d | 20 mm        |

Hinweise

\*) nicht genormte Abmessung

. Achtung: Gefahr der Wasserstoffversprödung gemäß ISO 4042. Bei Rückfragen kontaktieren Sie uns bitte unter: [engineering@keller-kalmbach.com](mailto:engineering@keller-kalmbach.com)

Artikelvarianten

| Durchmesser (mm) | 891012141516171819202223252728303233353638404244474849505253555658606263656770727375788082858890929395981001021051071101121151181201251281301351381401451481501551581601651681701751781801851881901951982002052082102152182202252282302352382402452482502552582602652682702752782802852882902952983003053083103153183203253283303353383403453483503553583603653683703753783803853883903953984004054084104154184204254284304354384404454484504554584604654684704754784804854884904954985005055085105155185205255285305355385405455485505555585605655685705755785805855885905955986006056086106156186206256286306356386406456486506556586606656686706756786806856886906956987007057087107157187207257287307357387407457487507557587607657687707757787807857887907957988008058088108158188208258288308358388408458488508558588608658688708758788808858888908958989009059089109159189209259289309359389409459489509559589609659689709759789809859889909959981000100510081010101510181020102510281030103510381040104510481050105510581060106510681070107510781080108510881090109510981100110511081110111511181120112511281130113511381140114511481150115511581160116511681170117511781180118511881190119511981200120512081210121512181220122512281230123512381240124512481250125512581260126512681270127512781280128512881290129512981300130513081310131513181320132513281330133513381340134513481350135513581360136513681370137513781380138513881390139513981400140514081410141514181420142514281430143514381440144514481450145514581460146514681470147514781480148514881490149514981500150515081510151515181520152515281530153515381540154515481550155515581560156515681570157515781580158515881590159515981600160516081610161516181620162516281630163516381640164516481650165516581660166516681670167516781680168516881690169516981700170517081710171517181720172517281730173517381740174517481750175517581760176517681770177517781780178517881790179517981800180518081810181518181820182518281830183518381840184518481850185518581860186518681870187518781880188518881890189518981900190519081910191519181920192519281930193519381940194519481950195519581960196519681970197519781980198519881990199519982000 |
|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Stärke (mm)      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 0,8              | ..                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 1                | .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 1,2              | .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 1,5              | .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 1,75             | .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 2                | .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 2,5              | .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 3                | .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 4                | .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 5                | .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
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| 7                | .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |