

IL GRUPPO CAST

THE CAST GROUP



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LA SCELTA DEL RACCORDO

La scelta del raccordo adatto, in fase di progettazione d'impianto, è, sicuramente, uno dei punti chiave, per cui bisogna tenere conto delle seguenti caratteristiche:

Normativa di riferimento, figura, tipo di tenuta sul filetto terminale, dimensioni, pressioni d'esercizio, temperatura d'esercizio, tipo di fluido impiegato, ambiente in cui deve essere utilizzato, temperatura ambientale ed infine tipo di materiale da utilizzare, se acciaio al carbonio o acciaio inossidabile.

Riguardo a questa ultima caratteristica devono essere precisate alcune delle caratteristiche peculiari di questi due materiali.

Il raccordo in acciaio al carbonio è utilizzato ormai da decenni in ogni tipo di applicazione industriale con piena soddisfazione tecnica da parte degli utilizzatori di tutto il mondo.

La tecnologia siderurgica garantisce una qualità costante della materia prima in genere e acciai specifici per impieghi mirati alle rese volute. La lavorabilità di detto acciaio non pone problemi nell'esecuzione costruttiva del prodotto finito.

Trattamenti protettivi realizzati recentemente ne hanno rilanciato l'impiego anche in applicazioni sino a non molto tempo fa impensabili.

Per quanto riguarda il raccordo in acciaio inossidabile, grazie alle nuove tecnologie di lavorazione, è ormai entrato nei più svariati settori industriali, in special modo in quelli a tecnologia più avanzata. Basti pensare alla chimica con tutte le problematiche inerenti ai differenti tipi di fluidi, alla componentistica strumentale e la necessità di purezza dei fluidi impiegati, ai gasdotti con le conseguenti problematiche di temperature e stress dei materiali, alle centrali nucleari, all'aeronautica e agli impianti marini.

Questi come tanti altri settori importanti ci hanno portato ad interessarci in modo primario, ormai da alcuni anni, delle problematiche specifiche di questo particolare prodotto.



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SAE J514



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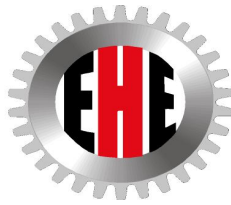
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THE CHOICE OF THE FITTING

The choice of the right fitting, when engineering a power unit, is surely one of the keys for which is important to take notice of the following characteristics: Reference Norm, figure, type of sealing on stud end, sizes, pressures, temperature, type of fluid used, environment of the application, and type of steel to be used, if carbon or stainless steel.

About this last point is useful to outline some of the peculiarities of those two materials.

The carbon steel fitting has now being used for decades in every kind of industrial application with full technical satisfaction of End Users from all over the world.

The steel milling technology now guarantees a constant quality for standard raw steel and special alloys for specific performances. The workability of such steel shall not give any problem into the workmanship of the finished piece.

Stainless steel, thanks to the latest technologies, has now entered the most various industrial sectors specially those where high performances are required. Just think about the chemical plants with all their problems tied to the different types of fluids, the instrumental components with the necessity of the purest flow systems, gas pipelines with temperature and stress issues, nuclear power plants and Off-Shore business.

These, as well as many others applications, have led us to take important steps into this field since the creation of the company, with excellent results.



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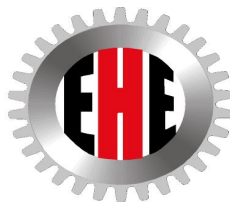
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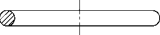
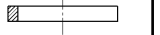
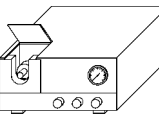
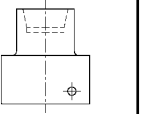
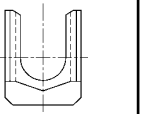
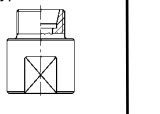
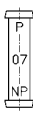
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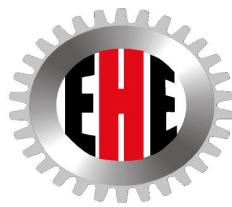
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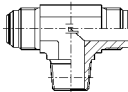
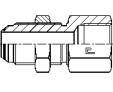
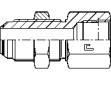
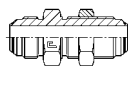
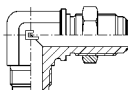
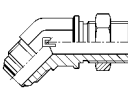
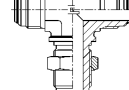
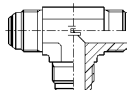
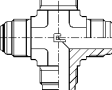
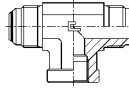
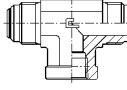
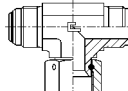
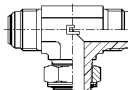
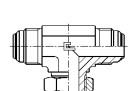
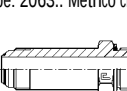
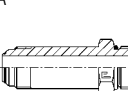
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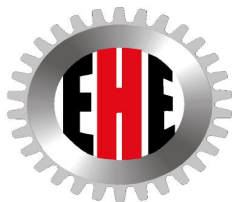


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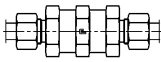
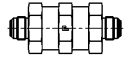
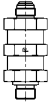
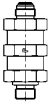
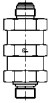
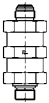
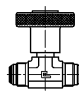
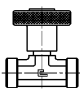
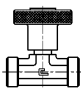
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DELIVERIES

Cast S.p.A. fittings are delivered in the configuration shown in the pictures of this catalogue.

Legenda:

Available on scheduled orders only: means that the article is slow moving and will be delivered within 90 days from the date of order.

Available on request only: means that the article is not commonly in stock; please contact our offices for further delivery details.