

Il codice è formato da 3 "campi" alfanumerici ognuno dei quali individua una caratteristica del cilindro.  
Seguire lo schema seguente utilizzando i codici che compaiono nelle tabelle.

The code consists of 3 alphanumeric fields which define the cylinder's characteristics.  
Use the diagram below to identify the appropriate codes from the table.



| Serie • Series | Alesaggio • Bore                          | Tipo di Stelo • Piston Rod Type |
|----------------|-------------------------------------------|---------------------------------|
| WTM ALM IHM    | 032 063 125<br>040 080 160<br>050 100 200 | SK<br>PK                        |

**W L M 0 4 0 S K**

**ESEMPIO:**

Kit cilindro ISO serie "Light", diametro 40 mm, doppio effetto magnetico.

**EXAMPLE:**

ISO "Light" series cylinder kit, 40 mm bore, double effect magnetic.

| SERIE<br>SERIES | GUARNIZIONI<br>SEAL    | Tubo di alluminio<br>con 4 tiranti<br>Aluminium tube<br>with 4 tie-rods | Profilo di alluminio<br>senza tiranti<br>Aluminium profile<br>without tie-rods | Aluminium<br>clean profile |
|-----------------|------------------------|-------------------------------------------------------------------------|--------------------------------------------------------------------------------|----------------------------|
|                 |                        |                                                                         |                                                                                |                            |
| LIGHT           | NBR 70 (Buna N)        |                                                                         | WLM                                                                            |                            |
| HEAVY           | Pur Polietere 92° Sh.A |                                                                         | IHM                                                                            |                            |

**ALESAGGIO • BORE**

| Ø mm          | Ø 32 | Ø 40 | Ø 50 | Ø 63 | Ø 80 | Ø 100 | Ø 125                    | Ø 160 | Ø 200 |
|---------------|------|------|------|------|------|-------|--------------------------|-------|-------|
| CODICE • CODE | 032  | 040  | 050  | 063  | 080  | 100   | 125                      | 160   | 200   |
|               |      |      |      |      |      |       | Serie - Series IHM - ITM |       |       |

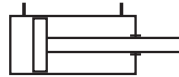
**TIPO DELLO STELO • PISTON ROD TYPE**

|                                        |                                        |
|----------------------------------------|----------------------------------------|
|                                        |                                        |
| A stelo semplice • Single rod cylinder | A stelo passante • Double rod cylinder |
| SK                                     | PK                                     |

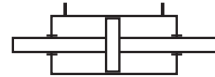
**Nota:** I disegni costruttivi delle camicie, steli e dei tiranti vengono forniti su richiesta.  
Ogni kit viene montato e testato individualmente per garantire il buon funzionamento degli ammortizzatori e delle tenute.

**Note:** The construction drawings for the barrels, piston-rods and tie rods are available on request.  
Each kit is assembled and individually tested to ensure the functioning of cushions and seals.

**Stelo semplice**  
**Simple rod cylinder**



**SK**

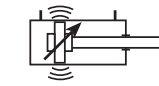


**PK**

**Stelo passante**  
**Double rod cylinder**



**Profilo in alluminio senza tiranti**  
**Aluminium profile without tie-rods**



**"LIGHT"**

**WM ~~SK~~**

**"HEAVY"**

**IHM ~~SK~~**

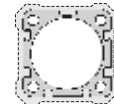


**"LIGHT"**

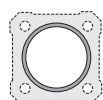
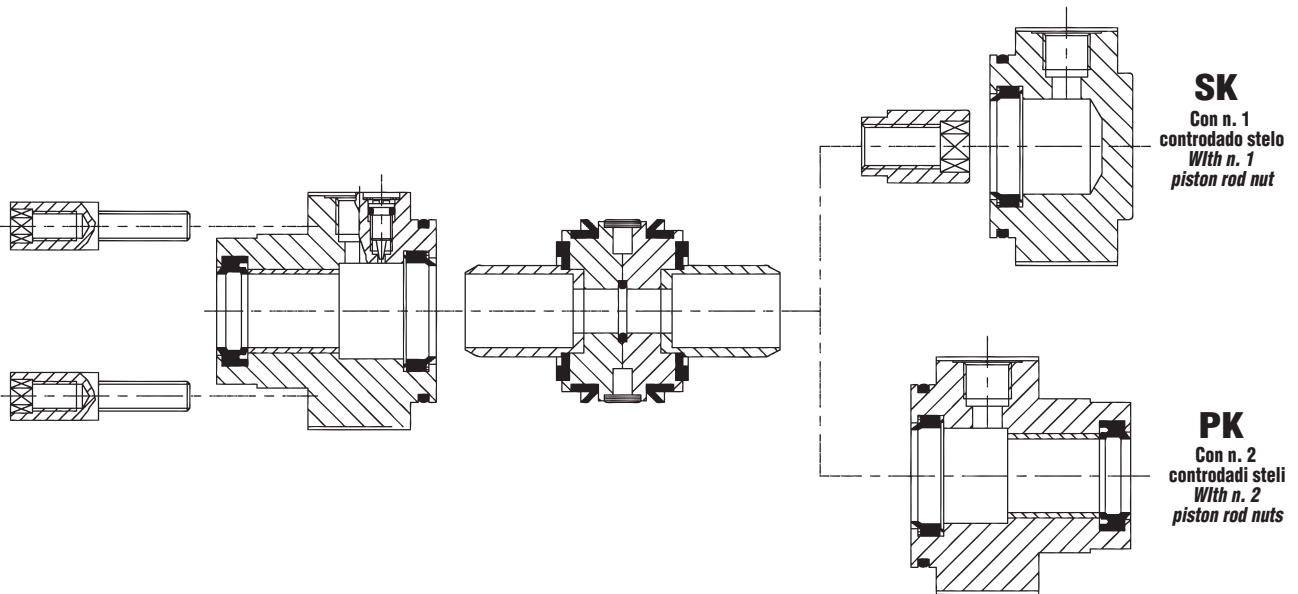
**WM ~~PK~~**

**"HEAVY"**

**IHM ~~PK~~**



**Profilo di alluminio pulito**  
**Aluminium profile clean**



**Tubo di alluminio con 4 tiranti**  
**Aluminium tube with 4 tie-rods**



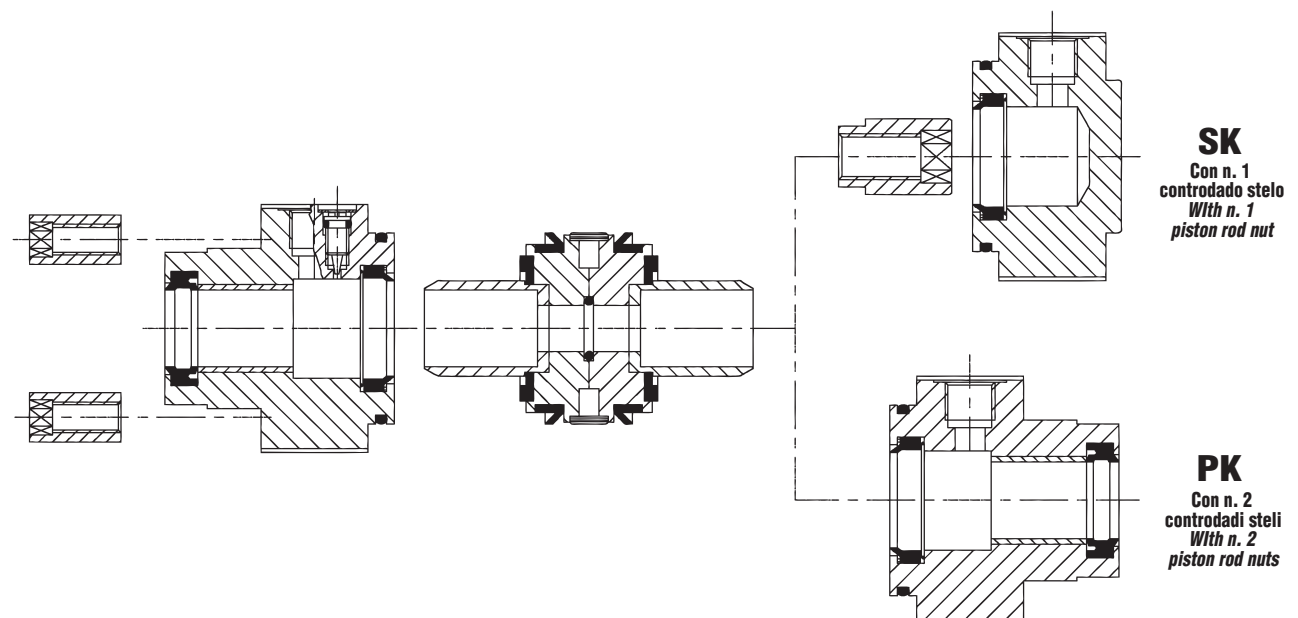
**"HEAVY"**

**ITM ~~SK~~**



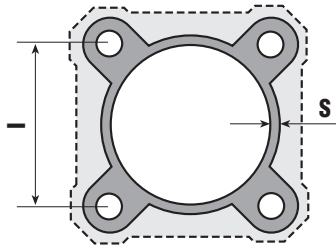
**"HEAVY"**

**ITM ~~PK~~**



Profilato in lega di alluminio 6063 T6 con 4 nervature predisposte per filettatura metrica, anodizzato, durezza media dello strato di ossido: 420 HV. Fornito in verghe da 3 metri. Per profili di alluminio senza tiranti ALM e IHM.

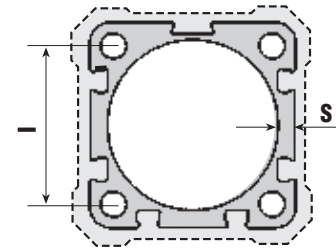
*6063 T6 aluminium alloy profile with 4 ribs ready for metric thread, anodized, average hardness of coating 420 HV. Supplied in 3 m lengths. For aluminium profiles without tie-rods ALM e IHM.*



| CODICE<br>CODE | Ø mm | S   | I     | gr/m  |
|----------------|------|-----|-------|-------|
| TMM032         | 32   | 2.0 | 32.5  | 1370  |
| TMM040         | 40   | 2.5 | 38.0  | 1620  |
| TMM050         | 50   | 2.5 | 46.5  | 2190  |
| TMM063         | 63   | 2.5 | 56.5  | 2600  |
| TMM080         | 80   | 3.0 | 72.0  | 3660  |
| TMM100         | 100  | 3.0 | 89.0  | 4950  |
| TMM125         | 125  | 3.5 | 110.0 | 7080  |
| TMM160P        | 160  | 4.0 | 140.0 | 10152 |
| TMM200P        | 200  | 5.7 | 175.0 | 14820 |

Tubo profilato con cave per sensori a scomparsa, in lega di alluminio 6063 T6, anodizzato, durezza media dello strato di ossido: 420HV. Fornito in verghe da 3 m. Per profilo di alluminio pulito APM e IRM

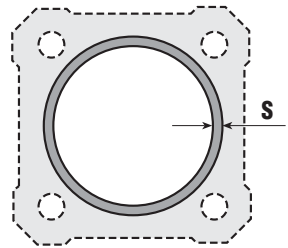
*T6063 T6 aluminium alloy tubular profile with grooves for hidden sensors, anodized, average hardness of the oxide layer: 420 HV. Supplied in 3 m lengths. For aluminium clean profile APM e IRM*



| CODICE<br>CODE | Ø mm | S    | I     | gr/m |
|----------------|------|------|-------|------|
| TIS032         | 32   | 6,25 | 32.5  | 2200 |
| TIS040         | 40   | 5,25 | 38.0  | 2500 |
| TIS050         | 50   | 5,15 | 46.5  | 3400 |
| TIS063         | 63   | 3,50 | 56.5  | 3500 |
| TIS080         | 80   | 3,50 | 72.0  | 5200 |
| TIS100         | 100  | 3,00 | 89.0  | 6100 |
| TIS125         | 125  | 3,50 | 110.0 | 8800 |

Tubo profilato in lega di alluminio 6063 T6, anodizzato, durezza media dello strato di ossido: 420 HV. Fornito in verghe da 3 metri. Per tubo di alluminio con 4 tiranti ITM

*T6063 T6 aluminium alloy tubular profile, anodized, average hardness of the oxide layer 420 HV. Supplied in 3 m lengths. For aluminium profile with 4 tie-rods ITM.*



| CODICE<br>CODE | Ø mm | S   | gr/m |
|----------------|------|-----|------|
| TAL32x36       | 32   | 2.0 | 580  |
| TAL40x45       | 40   | 2.5 | 900  |
| TAL50x55       | 50   | 2.5 | 1110 |
| TAL63x68       | 63   | 2.5 | 1390 |
| TAL80x86       | 80   | 3.0 | 2115 |
| TAL100x105     | 100  | 2.5 | 2620 |
| TAL125x132     | 125  | 3.5 | 3827 |
| TAL160x167     | 160  | 3.5 | 4869 |
| TAL200x210     | 200  | 5.0 | 8700 |

Trafilato in acciaio **C40** con riporto di cromo duro, rettificato, fornito in barre da 3 metri.

*Drawn piece in C40 steel, hard chrome-plated, ground, supplied in 3 m bars.*

| CODICE<br>CODE | Ø mm    | D Ø | gr/m |
|----------------|---------|-----|------|
| CRT012         | 32      | 12  | 880  |
| CRT016         | 40      | 16  | 1578 |
| CRT020         | 50-63   | 20  | 2466 |
| CRT025         | 80-100  | 25  | 3853 |
| CRT032         | 125     | 32  | 6313 |
| CRT040         | 160-200 | 40  | 9864 |

Trafilato in acciaio **INOX AISI 303** con riporto di cromo duro, rettificato, fornito in barre da 3 metri.

*Drawn piece in AISI 303 Stainless steel, hard chrome-plated, ground, supplied in 3 m bars.*

| CODICE<br>CODE | Ø mm    | D Ø | gr/m |
|----------------|---------|-----|------|
| IRC012         | 32      | 12  | 880  |
| IRC016         | 40      | 16  | 1578 |
| IRC020         | 50-63   | 20  | 2466 |
| IRC025         | 80-100  | 25  | 3853 |
| IRC032         | 125     | 32  | 6313 |
| IRC040         | 160-200 | 40  | 9864 |

Trafilato in acciaio **INOX AISI 303** rettificato, fornito in barre da 3 metri.

*Drawn piece in AISI 303 Stainless steel, ground, supplied in 3 m bars.*

| CODICE<br>CODE | Ø mm    | D Ø | gr/m |
|----------------|---------|-----|------|
| IRT012         | 32      | 16  | 1578 |
| IRT016         | 40      | 20  | 2466 |
| IRT020         | 50-63   | 25  | 3853 |
| IRT025         | 80-100  | 32  | 6313 |
| IRT032         | 125     | 40  | 9864 |
| IRT040         | 160-200 |     |      |

Trafilato in acciaio **INOX AISI 303** per tiranti, fornito in barre da 3 metri.

*Drawn piece for tie rod in AISI 303 Stainless steel, ground, supplied in 3 m bars.*

| CODICE<br>CODE | Ø mm    | D Ø | gr/m |
|----------------|---------|-----|------|
| ITT006         | 32-40   | 6   | 222  |
| ITT008         | 50-63   | 8   | 395  |
| ITT010         | 80-100  | 10  | 617  |
| ITT012         | 125     | 12  | 888  |
| ITT016         | 160-200 | 16  | 1578 |

|                                                                                  |   | Quantità<br>Quantity | (Ø mm) Alesaggio • Bore |            |            |            |           |           |            |                         |                         |
|----------------------------------------------------------------------------------|---|----------------------|-------------------------|------------|------------|------------|-----------|-----------|------------|-------------------------|-------------------------|
|                                                                                  |   |                      | 32                      | 40         | 50         | 63         | 80        | 100       | 125        | 160                     | 200                     |
|                                                                                  | ❶ | 1                    | M10.BB1.25              | M12.BB1.25 | M16.BB1.5  | M16.BB1.5  | M20.BB1.5 | M20.BB1.5 | M27.BB2    | M36.BB2                 | M36.BB2                 |
|                                                                                  | ❷ | 1                    | I032S                   | I040S      | I050S      | I063S      | I080S     | I100S     | I125S      | I160S                   | I200S                   |
|                                                                                  | ❸ | 1                    | I032TB                  | I040TB     | I050TB     | I063TB     | I080TB    | I100TB    | I125TB     | I160TB                  | I200TB                  |
|  | ❹ | 8                    | I032040BM               | I032040BM  | I050063BM  | I050063BM  | I080100BM | I080100BM | I125BM     | I160200BF+<br>I160200RX | I160200BF+<br>I160200RX |
|  | ❺ | 1                    | I032C                   | I040C      | I050C      | I063C      | I080C     | I100C     | I125C      | I160C                   | I200C                   |
|  | ❹ | 8                    | I032040BF               | I032040BF  | I050063BF  | I050063BF  | I080100BF | I080100BF | I125BF     | I160200BF               | I160200BF               |
|                                                                                  | ❹ | 4                    | I032RX                  | I040RX     | I050RX     | I063RX     | I080RX    | I100RX    | I125RX     | I160RX                  | I200RX                  |
|                                                                                  | ❺ | 1                    | I032TA                  | I040TA     | I050TA     | I063TA     | I080TA    | I100TA    | I125TA     | I160TA                  | I200TA                  |
|                                                                                  | ❻ | 2                    | I032CA                  | I040CA     | I050CA     | I063CA     | I080CA    | I100CA    | I125CA     | I160CA                  | I200CA                  |
|                                                                                  | ❼ | 2                    | I032P                   | I040P      | I050P      | I063P      | I080P     | I100P     | I125P      | I160P                   | I200P                   |
|                                                                                  | ❽ | 1                    | DAM032M                 | M35.5x22x5 | M45.5x32x5 | M58.5x46x5 | M76x62x5  | DAM100M   | M107x86x11 | M141x102.5x11           | M192x153x6              |
|                                                                                  | ❾ | 1                    | I032D                   | I040D      | I050D      | I050D      | I080D     | I080D     | I125D      | I160200D                | I160200D                |
|                                                                                  | ❿ | 2                    | I032080                 | I032080    | I050080    | I050080    | I050080   | I050080   | I125080    | I160080                 | I160080                 |
|                                                                                  | ⓫ | 1                    | I032F                   | I040F      | I050F      | I063F      | I080F     | I100F     | I125F      | I160F                   | I200F                   |
| LIGHT                                                                            | ⓫ | 1                    | WLM032KIT               | WLM040KIT  | WLM050KIT  | WLM063KIT  | WLM080KIT | WLM100KIT |            |                         |                         |
| HEAVY                                                                            | ⓫ | 1                    | IHM032KIT               | IHM040KIT  | IHM050KIT  | IHM063KIT  | IHM080KIT | IHM100KIT | IHM125KIT  | IHM160KIT               | IHM200KIT               |
| VIGOR                                                                            | ⓫ | 1                    | IVD032KIT               | IVD040KIT  | IVD050KIT  | IVD063KIT  | IVD080KIT | IVD100KIT |            |                         |                         |

**N.B:** ◇◇◇ = Specificare la corsa - *Specify stroke*

Kit di ricambio per i cilindri a stelo passante sostituire il suffisso  
"KIT" con il suffisso "PKIT"

*Spare parts kits for cylinders with through piston-rod, replace  
the suffix "KIT" with "PKIT".*

