

TRAUB TNL 20

Porte-outils

Présentation

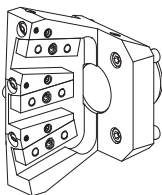
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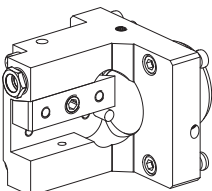
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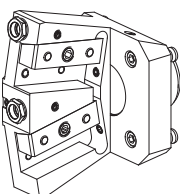
10702402 PO de tournage, triple

Attachement Carré 12x12
Arrosage extérieur, p_{\max} 10 bar
X / Y / Z 85 / $\pm 13^\circ$ / -10 mm



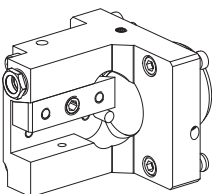
10212775 PO de tournage

Attachement Carré 16x16
Arrosage extérieur, p_{\max} 80 bar, AC optionnel 160 bar
X / Y / Z 79 / - / -14 mm



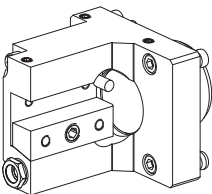
10658867 PO de tournage, double

Attachement Carré 16x16
Arrosage extérieur, p_{\max} 80 bar
X / Y / Z 84 / $\pm 10^\circ$ / -14 mm



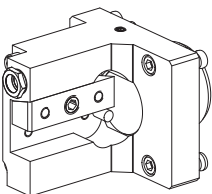
10791922 PO de tournage

Attachement Carré 16x16
Arrosage central et extérieur, p_{\max} 80 bar
X / Y / Z 79 / - / -14 mm



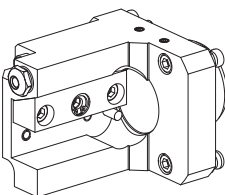
10793291 PO de tournage, marche à gauche

Attachement Carré 16x16
Arrosage extérieur, p_{\max} 80 bar
X / Y / Z 79 / - / -14 mm



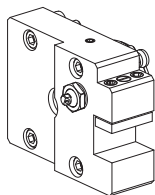
10841249 PO de tournage

Attachement Carré 16x16
Arrosage extérieur, p_{\max} 80 bar
X / Y / Z 79 / - / -14 mm



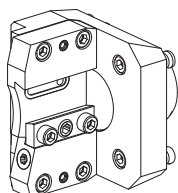
10061850 PO de tournage

Attachement Carré 20x20
Arrosage extérieur, p_{\max} 80 bar
X / Y / Z 85 / - / -19 mm



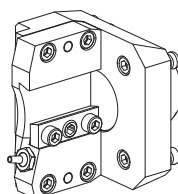
12006861 PO de tournage

Attachement Carré 16x16
Arrosage extérieur, p_{\max} 80 bar
X / Y / Z 28 / - / 52 mm



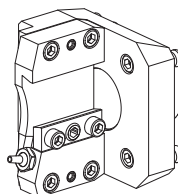
10951402 Support outil plong/fonçage

Attachement Trapèze 26x8
Arrosage central et extérieur, p_{\max} 80 bar
X / Y / Z 68 / - / 6 mm



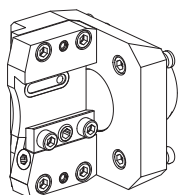
11031410 Support outil plong/fonçage

Attachement Trapèze 26x8
Arrosage extérieur, p_{\max} 80 bar
X / Y / Z 68 / - / -6 mm



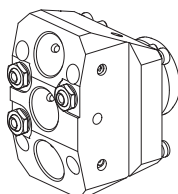
10077978 Support outil plong/fonçage

Attachement Trapèze 32x8
Arrosage extérieur, p_{\max} 80 bar
X / Y / Z 68 / - / -6 mm



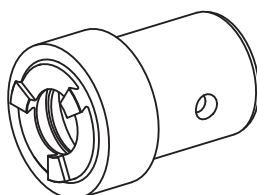
10958857 Support outil plong/fonçage

Attachement Trapèze 32x8
Arrosage central et extérieur, p_{\max} 80 bar
X / Y / Z 68 / - / 6 mm



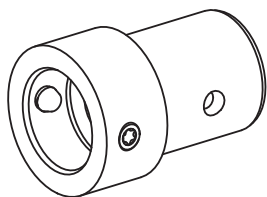
10631949 Porte-outil de base, triple

Attachement D24
Arrosage central et extérieur, p_{\max} 80 bar
X / Y / Z 52 / $\pm 13^\circ$ / 0 mm



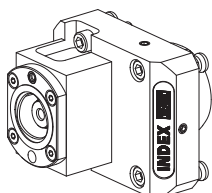
10095257 Attachement

Attachement ER 16
Arrosage central, p_{\max} 80 bar
X / Y / Z 12 / - / - mm



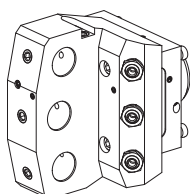
10271745 Attachement

Attachement WFB 20-12
Arrosage central, p_{max} 80 bar
X / Y / Z 15 / - / - mm



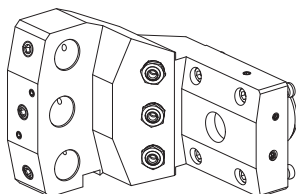
10029051 Porte-outil de base

Attachement INDEX TRAUB CAPTO C3
Arrosage central, p_{max} 80 bar
X / Y / Z 57 / - / 16 mm



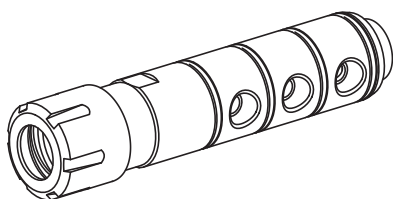
10166092 Porte-outil de base, triple

Attachement D20
Arrosage central et extérieur, p_{max} 120 bar
X / Y / Z 85 / $\pm 12,5^\circ$ / 16 mm



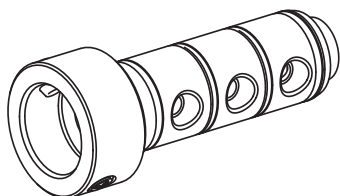
10539925 Porte-outil de base, triple

Attachement D20
Arrosage central et extérieur, p_{max} 120 bar
X / Y / Z 85 / $\pm 12,5^\circ$ / -82 mm



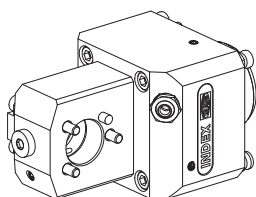
10350291 Attachement

Attachement ER 16
Arrosage central, p_{max} 80 bar
X / Y / Z - / - / - mm



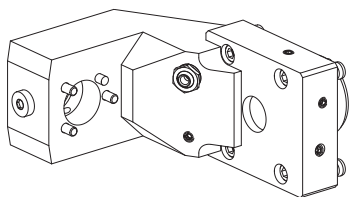
10286381 Attachement

Attachement WFB 20-12
Arrosage central, p_{max} 80 bar
X / Y / Z - / - / - mm



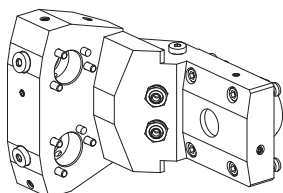
10896577 Porte-outil de base

Attachement D24
Arrosage central et extérieur, p_{max} 80 bar, AC optionnel 120 bar
X / Y / Z 85 / - / 16 mm



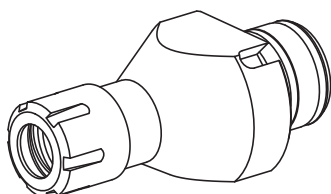
10898972 Porte-outil de base

Attachement D24
Arrosage central et extérieur, p_{\max} 80 bar, AC optionnel 120 bar
X / Y / Z 85 / - / -71 mm



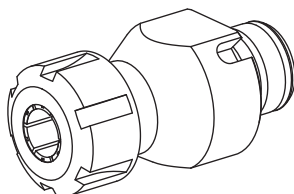
11078080 Porte-outil de base, double

Attachement D24
Arrosage central et extérieur, p_{\max} 80 bar, AC optionnel 120 bar
X / Y / Z 85 / - / -82 mm



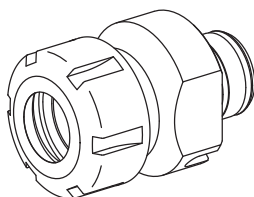
10355081 Attachement

Attachement ER 16
Arrosage central, p_{\max} 80 bar
X / Y / Z 54 / - / - mm



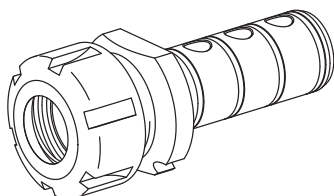
11056269 Attachement

Attachement ER 20
Arrosage central, p_{\max} 80 bar
X / Y / Z 54 / - / - mm



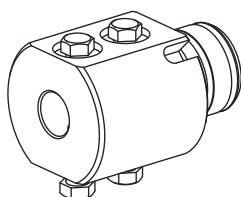
10195583 Attachement

Attachement ER 25
Arrosage central, p_{\max} 80 bar
X / Y / Z 47 / - / - mm



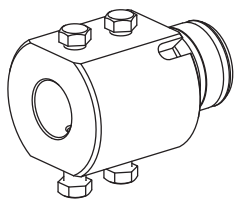
11072565 Attachement

Attachement ER 25
Arrosage central, p_{\max} 80 bar
X / Y / Z - / - / - mm



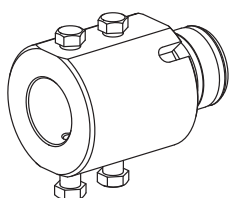
10069528 Attachement

Attachement D12
Arrosage central, p_{\max} 80 bar
X / Y / Z 36 / - / - mm



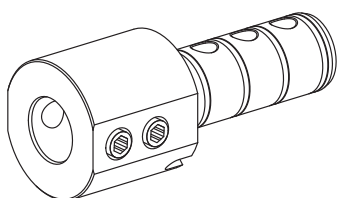
10506517 Attachement

Attachement D16
Arrosage central, p_{max} 80 bar
X / Y / Z 36 / - / - mm



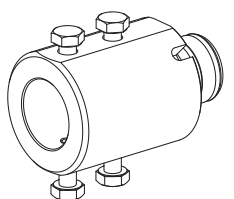
10401858 Attachement

Attachement D20
Arrosage central, p_{max} 80 bar
X / Y / Z 40 / - / - mm



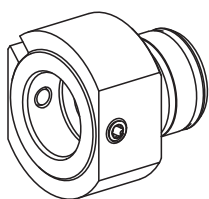
10585914 Attachement

Attachement D20
Arrosage central, p_{max} 80 bar
X / Y / Z - / - / - mm



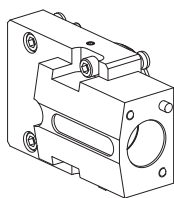
10734045 Attachement

Attachement D25
Arrosage central, p_{max} 80 bar
X / Y / Z 52 / - / - mm



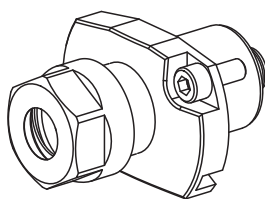
11070391 Attachement

Attachement WFB 20-12
Arrosage central, p_{max} 80 bar
X / Y / Z 19 / - / - mm



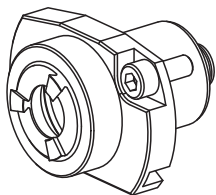
11080587 Porte-outil de base

Attachement D25
Arrosage central, p_{max} 80 bar
X / Y / Z 20 / - / 70 mm



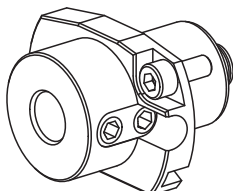
11080536 Attachement

Attachement ER 16
Arrosage central, p_{max} 80 bar, AC optionnel 120 bar
X / Y / Z 35,5 / - / - mm



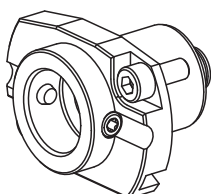
11080538 Attachement

Attachement ER 16
Arrosage central, p_{max} 80 bar, AC optionnel 120 bar
X / Y / Z 19,6 / - / - mm



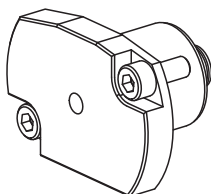
11080547 Attachement

Attachement D12
Arrosage central, p_{max} 80 bar, AC optionnel 120 bar
X / Y / Z 23 / - / - mm



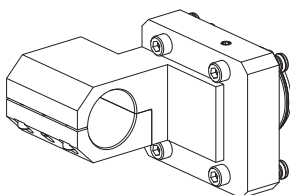
11080541 Attachement

Attachement WFB 20-12
Arrosage central, p_{max} 80 bar, AC optionnel 120 bar
X / Y / Z 15 / - / - mm



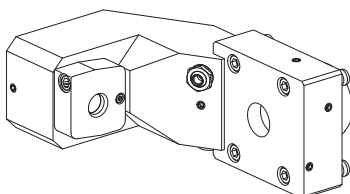
11080539 Obturateur

Attachement -
Arrosage -
X / Y / Z 8 / - / - mm



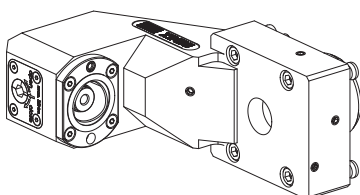
11089852 Porte-outil de base, pour la broche haute fréquence

Attachement D30
Arrosage extérieur, p_{max} 80 bar
X / Y / Z 60 / - / 70 mm



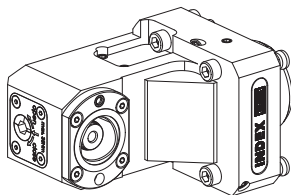
10197899 Porte-outil de base

Attachement Hydroexpansible D12
Arrosage central et extérieur, p_{max} 80 bar, AC optionnel 160 bar
X / Y / Z 85 / - / -75 mm



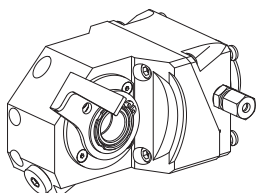
10164213 Porte-outil de base

Attachement INDEX TRAUB CAPTO C3
Arrosage central, p_{max} 80/120 bar
X / Y / Z 85 / - / -71 mm



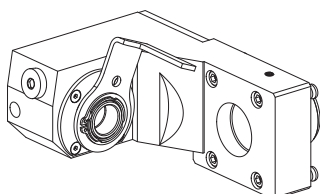
11026230 Porte-outil de base

Attachement INDEX TRAUB CAPTO C3
Arrosage central, p_{\max} 80/120 bar
X / Y / Z 85 / - / 6 mm



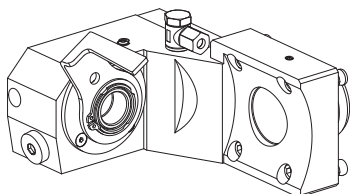
10036712 PO de maintien (têtes), têtes à rouler de Fette

Attachement D25 et Réducteur D3/4 "
Arrosage extérieur, p_{\max} 80 bar
X / Y / Z 81 / - / 22,5 mm



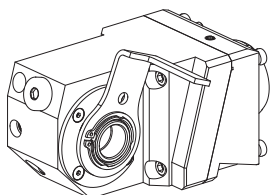
10165449 PO de maintien (têtes), têtes à rouler de Wagner

Attachement D25 et Réducteur D3/4 "
Arrosage extérieur, p_{\max} 80 bar
X / Y / Z 81 / - / -63 mm



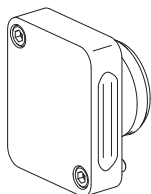
10262505 PO de maintien (têtes), têtes à rouler de Fette

Attachement D25 et Réducteur D3/4 "
Arrosage extérieur, p_{\max} 80 bar
X / Y / Z 81 / - / -63 mm



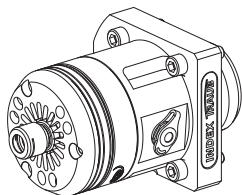
10268808 PO de maintien (têtes), têtes à rouler de Wagner

Attachement D25 et Réducteur D3/4 "
Arrosage extérieur, p_{\max} 80 bar
X / Y / Z 96 / - / 28 mm



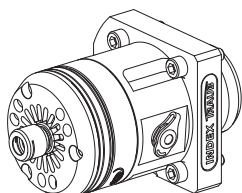
10076041 Obturateur, Plastique

Attachement -
Arrosage -
X / Y / Z 18 / - / 0 mm



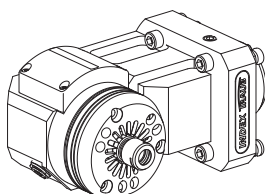
10585234 Broche fluide, jusqu'à 50.000 1/min

Attachement ER 11
Arrosage extérieur, p_{\max} 40 bar
X / Y / Z 98,5 / - / - mm



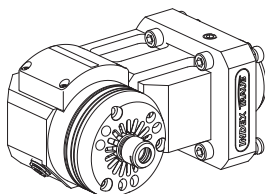
10678785 Broche fluide, jusqu'à 40.000 1/min

Attachement ER 11
Arrosage extérieur, p_{\max} 40 bar
X / Y / Z 98,5 / - / - mm



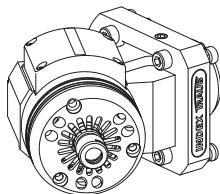
10406002 Broche fluide, jusqu'à 50.000 1/min

Attachement ER 11
Arrosage extérieur, p_{\max} 40 bar
X / Y / Z 96 / - / 59 mm



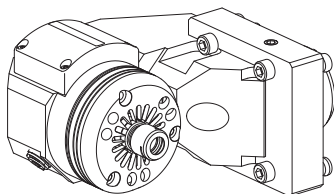
11078093 Broche fluide, jusqu'à 40.000 1/min

Attachement ER 11
Arrosage extérieur, p_{\max} 40 bar
X / Y / Z 96 / - / 59 mm



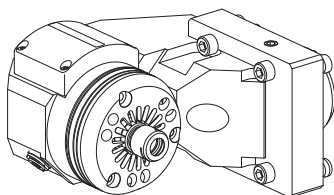
11079680 Broche fluide, jusqu'à 50.000 1/min

Attachement ER 11
Arrosage extérieur, p_{\max} 40 bar
X / Y / Z - / - / - mm



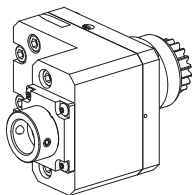
11079990 Broche fluide, jusqu'à 50.000 1/min

Attachement ER 11
Arrosage extérieur, p_{\max} 40 bar
X / Y / Z 85 / - / 14,2 mm



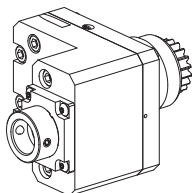
11079991 Broche fluide, jusqu'à 40.000 1/min

Attachement ER 11
Arrosage extérieur, p_{\max} 40 bar
X / Y / Z 85 / - / 14,2 mm



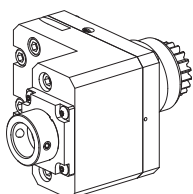
10374000 Unité de perçage

| | |
|-----------------|------------------------------|
| Attachement | WFB 20-12 |
| Arrosage | extérieur, p_{\max} 80 bar |
| Rapport vitesse | 1:2,53 (0,395) |
| X / Y / Z | 84 / - / 30 mm |



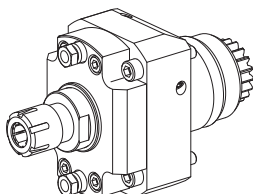
10893718 Unité de perçage

| | |
|-----------------|--|
| Attachement | WFB 20-12 |
| Arrosage | extérieur, p_{\max} 80 bar, AC optionnel 120 bar |
| Rapport vitesse | 1:2,53 (0,395) |
| X / Y / Z | 84 / - / 30 mm |



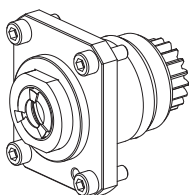
10934379 Unité de perçage

| | |
|-----------------|---|
| Attachement | WFB 20-12 |
| Arrosage | central et extérieur, p_{\max} 80 bar |
| Rapport vitesse | 1:2,5 (0,4) |
| X / Y / Z | 84 / - / 30 mm |



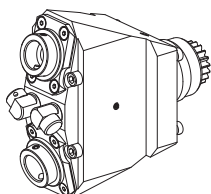
10290796 Unité de fraisage

| | |
|-----------------|------------------------------|
| Attachement | ER 16 |
| Arrosage | extérieur, p_{\max} 80 bar |
| Rapport vitesse | 1:1 (1) |
| X / Y / Z | 79 / - / - mm |



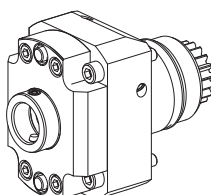
11096998 Unité de fraisage

| | |
|-----------------|------------------------------|
| Attachement | ER 16 |
| Arrosage | extérieur, p_{\max} 80 bar |
| Rapport vitesse | 1:1 (1) |
| X / Y / Z | 20 / - / - mm |



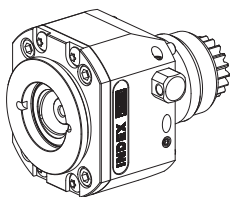
10388560 Unité de fraisage, double

| | |
|-----------------|------------------------------|
| Attachement | WFB 20-12 |
| Arrosage | extérieur, p_{\max} 80 bar |
| Rapport vitesse | 1:1 (1) |
| X / Y / Z | 102 / $\pm 13^\circ$ / 0 mm |



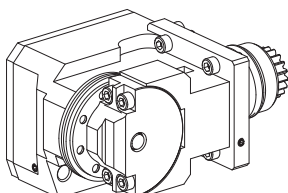
10627767 Unité de fraisage

| | |
|-----------------|------------------------------|
| Attachement | WFB 20-12 |
| Arrosage | extérieur, p_{\max} 80 bar |
| Rapport vitesse | 1:1 (1) |
| X / Y / Z | 54 / - / - mm |



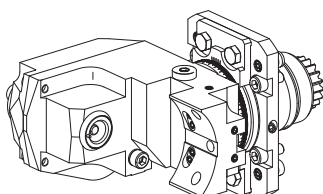
10544775 Unité de fraisage

| | |
|------------------------|------------------------------|
| Attachement | INDEX TRAUB CAPTO C3 |
| Arrosage | extérieur, p_{\max} 80 bar |
| Rapport vitesse | 1:1 (1) |
| X / Y / Z | 56 / - / 0 mm |



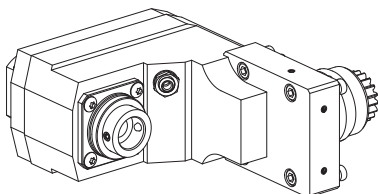
10146130 Unité de scie circulaire

| | |
|------------------------|------------------------------|
| Attachement | Arbre porte- fraise D22 |
| Arrosage | extérieur, p_{\max} 80 bar |
| Rapport vitesse | 8,1:1 (8,1) |
| X / Y / Z | 81,5 / - / 4 mm |



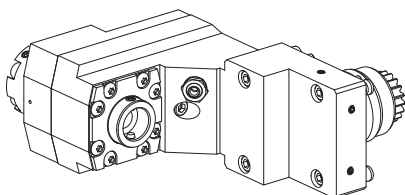
10938892 Unité de taillage d'engrenage

| | |
|------------------------|------------------------------|
| Attachement | - |
| Arrosage | extérieur, p_{\max} 80 bar |
| Rapport vitesse | 3:1 (3) |
| X / Y / Z | 92 / - / - mm |



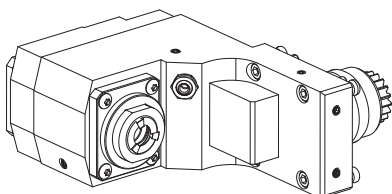
12013668 Unité de perçage

| | |
|------------------------|---|
| Attachement | WFB 20-12 |
| Arrosage | extérieur, en option central, p_{\max} 80 bar, AC optionnel 120 bar |
| Rapport vitesse | 1:1,66 (0,6) |
| X / Y / Z | 95 / - / -40 mm |



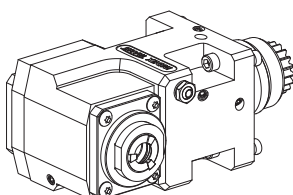
10767420 Unité de perçage

| | |
|------------------------|---|
| Attachement | WFB 20-12 |
| Arrosage | central et extérieur, p_{\max} 80 bar, AC optionnel 120 bar |
| Rapport vitesse | 1:1 (1) |
| X / Y / Z | 95 / - / -60 mm |



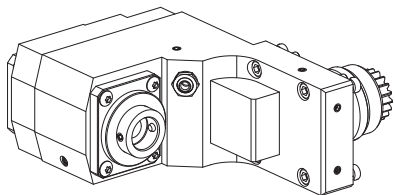
10017870 Unité de fraisage

| | |
|------------------------|---|
| Attachement | ER 16 |
| Arrosage | extérieur, en option central, p_{\max} 80 bar, AC optionnel 120 bar |
| Rapport vitesse | 1:1 (1) |
| X / Y / Z | 95 / - / -40 mm |



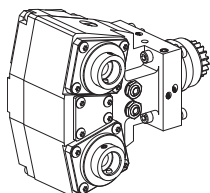
10144986 Unité de fraisage

| | |
|------------------------|---|
| Attachement | ER 16 |
| Arrosage | extérieur, en option central, p_{\max} 80 bar, AC optionnel 120 bar |
| Rapport vitesse | 1:1 (1) |
| X / Y / Z | 95 / - / 54 mm |



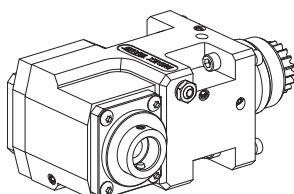
10194178 Unité de fraisage

Attachement WFB 20-12
Arrosage extérieur, en option central, p_{max} 80 bar, AC optionnel 120 bar
Rapport vitesse 1:1 (1)
X / Y / Z 95 / - / -37 mm



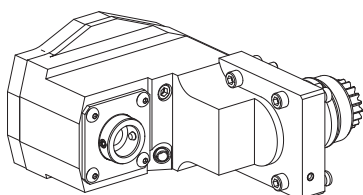
10229329 Unité de fraisage, double

Attachement WFB 20-12
Arrosage extérieur, en option central, p_{max} 80 bar, AC optionnel 120 bar
Rapport vitesse 1:1 (1)
X / Y / Z 95 / $\pm 13^\circ$ / 58 mm



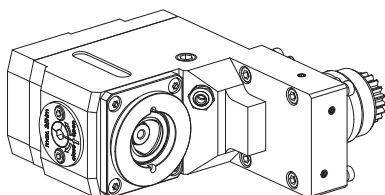
10876969 Unité de fraisage

Attachement WFB 20-12
Arrosage extérieur, en option central, p_{max} 80 bar, AC optionnel 120 bar
Rapport vitesse 1:1 (1)
X / Y / Z 95 / - / 57 mm



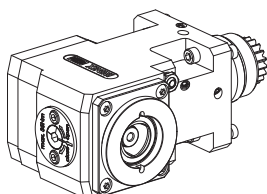
10239976 Unité de fraisage

Attachement WFB 20-12
Arrosage extérieur, p_{max} 80 bar
Rapport vitesse 3:1 (3)
X / Y / Z 95 / - / -37 mm



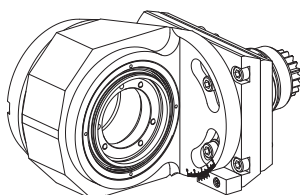
10468132 Unité de fraisage

Attachement INDEX TRAUB CAPTO C3
Arrosage extérieur, en option central, p_{max} 80 bar, AC optionnel 120 bar
Rapport vitesse 1:1 (1)
X / Y / Z 95 / - / -35 mm



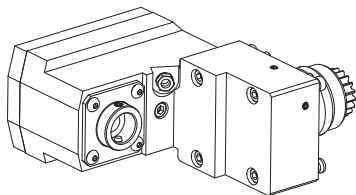
10519009 Unité de fraisage

Attachement INDEX TRAUB CAPTO C3
Arrosage extérieur, en option central, p_{max} 80 bar, AC optionnel 120 bar
Rapport vitesse 1:1 (1)
X / Y / Z 95 / - / 65,5 mm



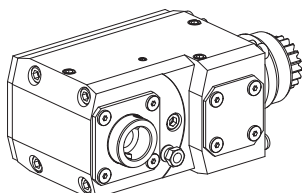
10067245 Uté tourbillonnage filets

Attachement -
Arrosage extérieur, p_{max} 80 bar
Rapport vitesse 1,97:1 (1,97)
X / Y / Z 80 / - / -4,5 mm



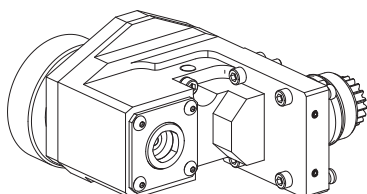
10393989 Unité de brochage/mortaisage

| | |
|------------------------|------------------------------|
| Attachement | WFB 20-12 |
| Arrosage | extérieur, p_{\max} 80 bar |
| Rapport vitesse | 1:1 (1) |
| X / Y / Z | 95 / - / -37 mm |



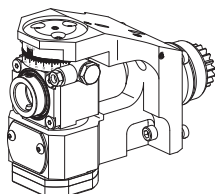
10608178 Unité de brochage/mortaisage

| | |
|------------------------|------------------------------|
| Attachement | WFB 20-12 |
| Arrosage | extérieur, p_{\max} 80 bar |
| Rapport vitesse | 1:1 (1) |
| X / Y / Z | 95 / - / 44,2 mm |



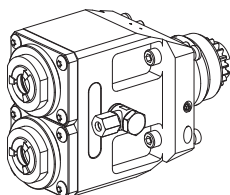
10866923 Unité de polygonage

| | |
|------------------------|------------------------------|
| Attachement | WFK 20-12 |
| Arrosage | extérieur, p_{\max} 80 bar |
| Rapport vitesse | 3:1 (3) |
| X / Y / Z | 85 / - / -13,5 mm |



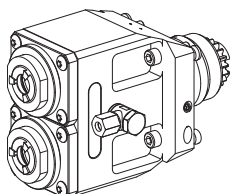
10192637 Unité de fraisage, à réglage angulaire

| | |
|------------------------|------------------------------|
| Attachement | WFB 20-12 |
| Arrosage | extérieur, p_{\max} 80 bar |
| Rapport vitesse | 1,03:1 (1,0267) |
| X / Y / Z | 81 / 17 / - mm |



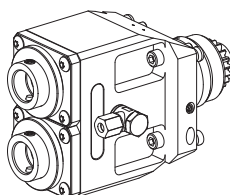
12006700 Unité de fraisage, double

| | |
|------------------------|---|
| Attachement | ER 16 |
| Arrosage | central et extérieur, p_{\max} 80 bar |
| Rapport vitesse | 1:1 (1) |
| X / Y / Z | 102,5 / ± 24 / 0 mm |



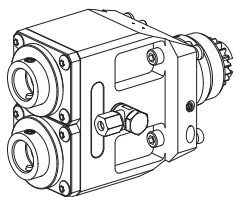
12006732 Unité de fraisage

| | |
|------------------------|------------------------------|
| Attachement | ER 16 |
| Arrosage | extérieur, p_{\max} 80 bar |
| Rapport vitesse | 1:1 (1) |
| X / Y / Z | 102,5 / ± 24 / 0 mm |



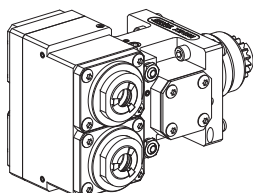
12006733 Unité de fraisage, double

| | |
|------------------------|------------------------------|
| Attachement | WFB 20-12 |
| Arrosage | extérieur, p_{\max} 80 bar |
| Rapport vitesse | 1:1 (1) |
| X / Y / Z | 105,6 / ± 24 / -34 mm |



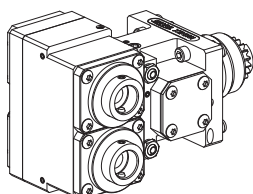
12006734 Unité de fraisage, double

Attachement WFB 20-12
Arrosage central et extérieur, p_{\max} 80 bar
Rapport vitesse 1:1 (1)
X / Y / Z 105,5 / ± 24 / – mm



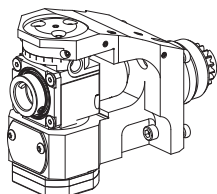
12009596 Unité de fraisage, double

Attachement ER 16
Arrosage extérieur, en option central, p_{\max} 80 bar, AC optionnel 120 bar
Rapport vitesse 1:1 (1)
X / Y / Z 95 / ± 24 / 53,5 mm



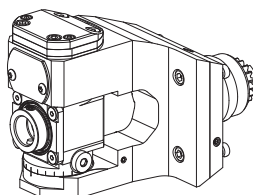
12009597 Unité de fraisage, double

Attachement WFB 20-12
Arrosage extérieur, en option central, p_{\max} 80 bar, AC optionnel 120 bar
Rapport vitesse 1:1 (1)
X / Y / Z 95 / ± 24 / 56,5 mm



12024412 Unité de fraisage, à réglage angulaire

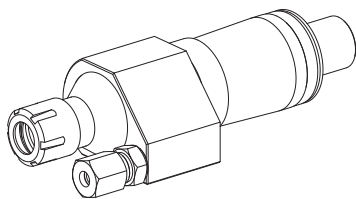
Attachement WFB 20-12
Arrosage central et extérieur, p_{\max} 80 bar
Rapport vitesse 1:1,11 (0,904)
X / Y / Z 81 / 17 / 0 mm



12024451 Unité de fraisage, à réglage angulaire

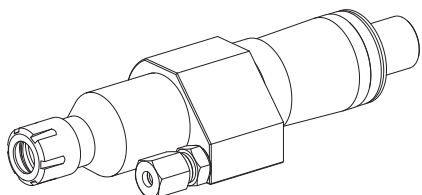
Attachement WFB 20-12
Arrosage central et extérieur, p_{\max} 80 bar
Rapport vitesse 1:1,11 (0,904)
X / Y / Z 90 / 21,5 / 29 mm

Porte-outil fixe Appareil frontal



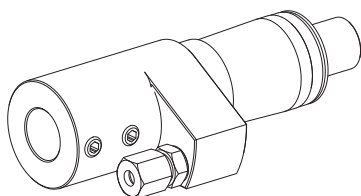
10084655 Porte-foret

Attachement ER 16
Arrosage extérieur, en option central, p_{\max} 80 bar, AC optionnel 160 bar
X / Y / Z - / - / 71 mm



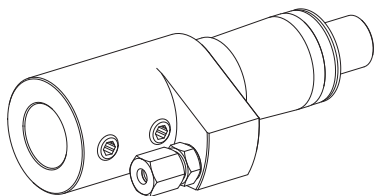
10351277 Porte-foret

Attachement ER 16
Arrosage extérieur, en option central, p_{\max} 80 bar, AC optionnel 160 bar
X / Y / Z - / - / 101 mm



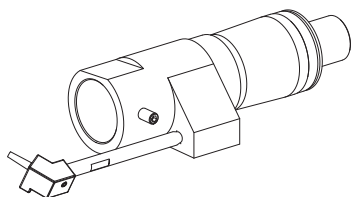
10004035 Porte-foret

Attachement D20
Arrosage extérieur, en option central, p_{\max} 80 bar, AC optionnel 160 bar
X / Y / Z - / - / 65 mm



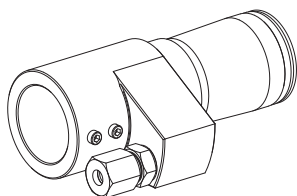
11093079 Porte-foret

Attachement D25
Arrosage extérieur, en option central, p_{\max} 80 bar, AC optionnel 160 bar
X / Y / Z - / - / 70 mm



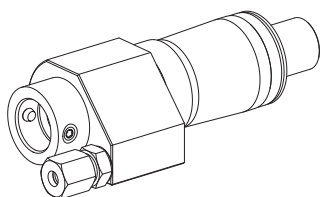
11062697 Porte-outil de base

Attachement D28
Arrosage extérieur, p_{\max} 10 bar
X / Y / Z - / - / 54 mm



10836242 Porte-outil de base, pour la broche haute fréquence

Attachement D30
Arrosage extérieur, p_{\max} 80 bar
X / Y / Z - / - / 50 mm

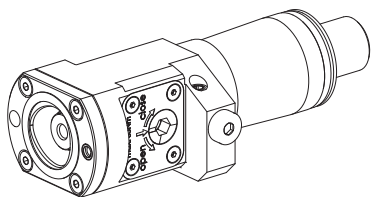


10444278 Porte-outil de base

Attachement WFB 20-12
Arrosage extérieur, en option central, p_{\max} 80 bar, AC optionnel 160 bar
X / Y / Z - / - / 50 mm

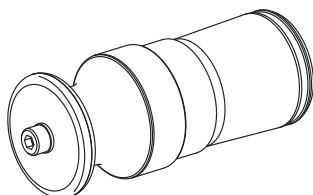
Porte-outil fixe Appareil frontal

INDEX TRAUB



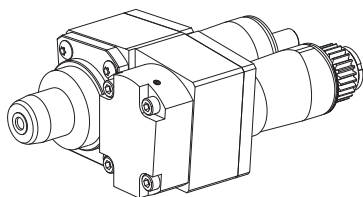
10978127 Porte-outil de base

Attachement INDEX TRAUB CAPTO C3
Arrosage central et extérieur, p_{\max} 120 bar
X / Y / Z 60 / - / - mm



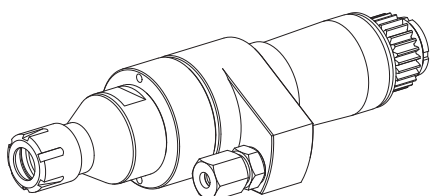
10990024 Obturateur, Acier

Attachement -
Arrosage -
X / Y / Z - / - / 40 mm



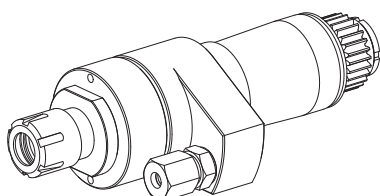
11082789 Unité de perçage

Attachement Hydroexpansible D6
Arrosage central, p_{max} 120 bar
Rapport vitesse 1:1 (1)
X / Y / Z 92 / - / - mm



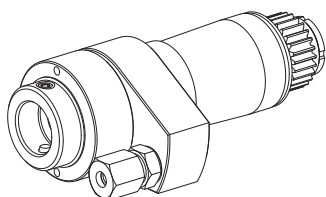
10131003 Unité de fraisage

Attachement ER 16
Arrosage extérieur, en option central, p_{max} 80 bar, AC optionnel 160 bar
Rapport vitesse 1:1 (1)
X / Y / Z - / - / 103 mm



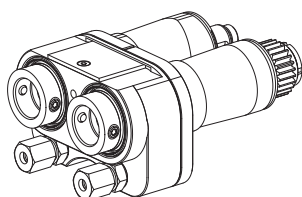
10568753 Unité de fraisage

Attachement ER 16
Arrosage extérieur, en option central, p_{max} 80 bar, AC optionnel 160 bar
Rapport vitesse 1:1 (1)
X / Y / Z - / - / 80 mm



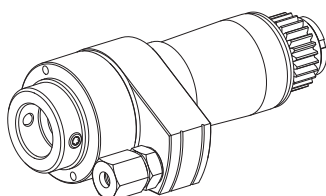
11026976 Unité de fraisage

Attachement WFB 20-12
Arrosage extérieur, en option central, p_{max} 80 bar, AC optionnel 160 bar
Rapport vitesse 1:1 (1)
X / Y / Z - / - / 50 mm



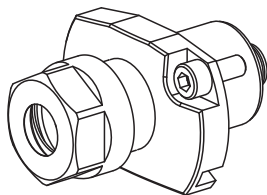
11080434 Unité de fraisage, double

Attachement WFB 20-12
Arrosage extérieur, en option central, p_{max} 80 bar, AC optionnel 160 bar
Rapport vitesse 1:1 (1)
X / Y / Z 46 / - / 50 mm



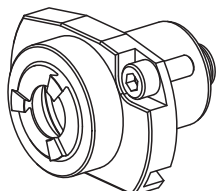
10052913 Unité de brochage/mortaisage

Attachement WFB 20-12
Arrosage extérieur, p_{max} 80 bar
Rapport vitesse 1:1 (1)
X / Y / Z - / - / 51 mm



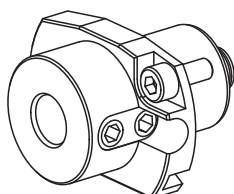
11080536 Attachement

Attachement ER 16
Arrosage central, p_{max} 80 bar, AC optionnel 120 bar
X / Y / Z 35,5 / - / - mm



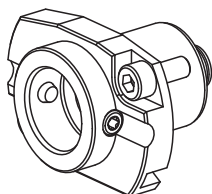
11080538 Attachement

Attachement ER 16
Arrosage central, p_{max} 80 bar, AC optionnel 120 bar
X / Y / Z 19,6 / - / - mm



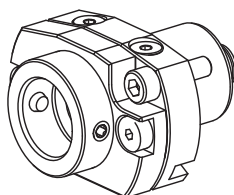
11080547 Attachement

Attachement D12
Arrosage central, p_{max} 80 bar, AC optionnel 120 bar
X / Y / Z 23 / - / - mm



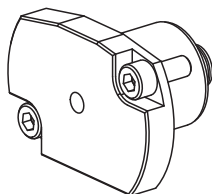
11080541 Attachement

Attachement WFB 20-12
Arrosage central, p_{max} 80 bar, AC optionnel 120 bar
X / Y / Z 15 / - / - mm



12026018 Attachement, Réglable en Y

Attachement WFB 20-12
Arrosage central, p_{max} 80 bar
X / Y / Z 28 / - / - mm



11080539 Obturateur

Attachement -
Arrosage -
X / Y / Z 8 / - / - mm



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